UNIFAP

UNIFAP.com.br

Porta-escovas
Brush Holders

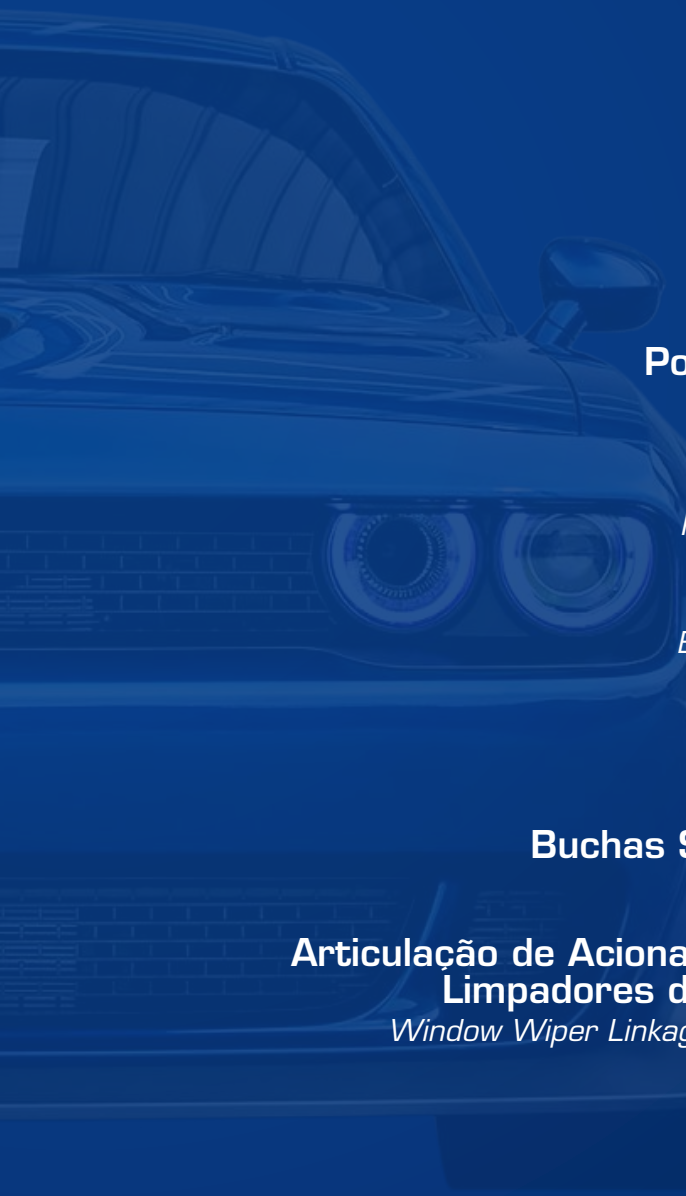
Planetárias
Planetary Gears

Garfos
Engaging Levers

Polias
Pulleys

Buchas Sinterizadas
Sintered Bushes

Articulação de Acionamento para Limpadores de Parabrisa
Window Wiper Linkage Transmission



2020 Peças Automotivas
Automotive Parts

Fundada em 01 de abril de 1992, pelos irmãos Ivo e Nelson Bittencourt, a UNIFAP INDÚSTRIA E COMÉRCIO DE AUTO PEÇAS LTDA, deu início às suas atividades com o objetivo de atuar no ramo de peças automotivas, tendo como princípio fabricar produtos de alta qualidade, a preços justos.

Fiel a este princípio, a empresa cresce ano a ano, e conta hoje com instalações de 6.430 m^2 de área construída, numa área total disponível de 335.000 m^2. Localizada ao sul do país, na cidade de Gaspar, estado de Santa Catarina, a empresa tem uma das maiores linhas do segmento, o que a coloca entre as principais do setor no país, sendo os principais produtos:

- Porta escovas para motores de partida, alternadores e outros sistemas elétricos.
- Planetárias para motores de partida;
- Garfos para motores de partida;
- Polias para alternador e dínamo;
- Articulação de acionamento para limpador de parabrisas;
- Buchas Sinterizadas;

Comprovando a preocupação da marca UNIFAP em oferecer produtos de excelente qualidade, a mesma já é encontrada em 19 países (Estados Unidos, Canadá, México, França, Alemanha, Portugal, Egito, Turquia, Emirados Árabes, Guatemala, Venezuela, Colômbia, Equador, Peru, Bolívia, Paraguai, Chile, Argentina e Uruguai). A empresa mantém-se atualizada com as inovações e exigências, tanto do mercado interno quanto externo, através da participação em exposições e feiras no ramo de autopeças no Brasil e no exterior.

Segura de seus objetivos, a UNIFAP investe constantemente em projetos, ferramentaria, automação e máquina, visando atender cada vez melhor seus clientes.

Por tudo isso, a UNIFAP é hoje uma empresa sólida, baseada em anos de experiência em sua área, que transmite segurança a todos os seus clientes, fornecedores e colaboradores.

UNIFAP INDÚSTRIA E COMÉRCIO DE AUTOPEÇAS LTDA, was founded on April 1, 1992, by the brothers Ivo and Nelson Bittencourt, with the purpose of manufacturing automotive electrical parts.

Aiming at producing high quality products with fair price, the company has been growing on a yearly basis, settled in 6.430 sq. Meter-plant, in a total area of 335.000 sq. Meters.

The company is located in Gaspar, province of Santa Catarina, in the South of Brazil. Today it has one of the largest lines, placing UNIFAP among the top manufactures of the segment, being the main products:

- *Brush Holders for starters, alternators and others;*
- *Planetary Gears;*
- *Engaging Levers for starters;*
- *Pulleys for alternators and dynamo;*
- *Window Wiper Linkage Transmission;*
- *Sintered Bushings.*

UNIFAP's products can now be found in 19 countries (The United States , Canada, Mexico, France, Germany, Portugal, Egypt, Turkey, The United Arab emirates, Guatemala,Venezuela, Colombia, Ecuator, Peru, Bolivia, Paraguay, Chile, Argentina and Uruguay). The company keeps updated with the market demands by participating in the most importants international fairs, and is constantly investing in projects, tooling and technology, always dilligent in assisting its customers effectively and efficiently .

All these has made UNIFAP a solid company, based on years of experience, providing guaranted satisfaction to both customers and employees.

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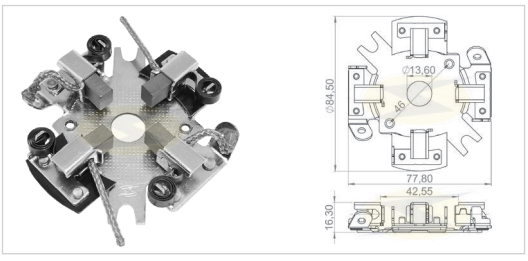
Bosch **Equivalente /** Replace



UF - 1.101
UF - 1.101/2 2 escovas / *brushes*
UF - 1.101/4 4 escovas / *brushes*

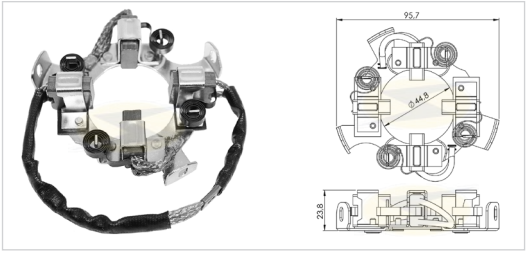
Especificações / Features: **12V**, **Tipo /** *Type:* **EF** - Escova / *Brush*: 7 x 10 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 082 518, 9 001 082 239, 2 004 336 013

Partida / Starter: 9 000 082 028, 9 000 082 033, 9 000 082 042, 9 000 082 045, 9 000 082 046, 9 000 082 049, 9 000 082 051, 9 000 082 053, 9 000 082 054, 9 000 082 059, 9 000 082 061, 9 000 082 064, 9 000 082 066, 9 000 082 069, 9 000 082 070, 9 000 082 073, 9 000 082 074, 9 000 082 078, 9 000 082 079, 9 000 082 082, 9 000 082 083, 0 001 211 219, 9 000 AL0 301, F 000 AL0 329, 9 000 082 009, 9 000 082 021, 9 000 082 030, 9 000 082 032, 9 000 082 034, 9 000 082 039, 9 000 082 040, 9 000 082 041, 9 000 082 043, 9 000 082 047, 9 000 082 048, 9 000 082 050, 9 000 082 055, 9 000 082 058, 9 000 082 062, 9 000 082 063, 9 000 082 065, 9 000 082 072, 9 000 082 076, 9 000 082 077, 9 000 082 081

Aplicação / Application: **AGRALE-DEUTZ:** 4100, M70 / 80 / 85 / 90 / 93id, Tx1100, 8500 TDX, Motor M790, **CHEVROLET-GM:** Chevette 1.0 / 1.4 / 1.6 / 1.6S, Chevette Hatch 1.4 / 1.6, Chevy 500 1.6 / 1.6 S, Marajó 1.4 / 1.6 / 1.6 S, **FIAT:** Premio / Rally / Spazio, Duna 60 / 70 / Weekend, Uno 1.1 / Mille / Elx / Ep, 147 Fiorino 1.5, Elba 1.5, Prêmio 1.5, Uno 1.5 / 1.6, 147 / 147 City / Europa / Fiorino / Gls / Oggi / Panorama / Pick-Up / Elba 1.5, Tempra 2.0 Mpi / Spi 16v / 8v, Tempra 2.0 Turbo, Tipo 1.6 I.E., Uno 1.6 Mpi, 80, 120, 140, 147 1050 / 1300 / Rally / Spazio / Spazio Racing / Spazio TR, Elba 1.3 / 1.6, Fiorino 1.5 / 1.6, Fiorino furgão 1.0 / 1.3 SPI / 1.5 SPI, Fiorino pick-up 1.0 / 1.3 / 1.5, Oggi 1300, Panorama 1300, Prêmio 1.5 / 1.5 SPI / 1.6, Spazio 1.3, Uno 1.0 / 1.1 Brio / 1050 / 1300, Uno Mille 1.0 / 1.5 SPI / Eletronic, **FORD:** Bellina 1.8, Del Rey 1.8, Pampa 1.8, Royale 1.8 / 2.0, Versailles 1.8 / 2.0, Belina II 1.6 / 1.8 UD / 1.8 EU, Corcel II 1.6, Del Rey 1.6 / 1.8 UD / 1.8 UE, Escort 1.3 / 1.6 / 1.8 / Ghia / Guarujá AP 1.8 / XR3, Pampa 1.6 / 1.6 4x4 / 1.6 AP / 1.8i, Royale 1.8i AP / 2.0i AP, Verona 1.8 / 1.8 AP, Versailles 1.8 / 1.8i AP / 2.0 / 2.0i AP, **GURGEL:** Br 800, Tocantins L / Tr, Carajás 1.8, Tocantins 1.6 L / 1.6 TR, **VOLKSWAGEN:** Sedan, Supermini, Karmann Ghia 1600, Sp, 600 / 1700, Variant Ii 1600, Brasília 1.3 / 1.6, Fusca 1300 / 1500 / 1600, 302, 307, 309, Gol 1.8, Kombi 1.6, Gol 1.0, Gol Ii 1.0i, Ii / Iii / 1.6, Saveiro 1.6, Voyage 1.6, 1.6, Voyage 1.5 / 1.6, Quantum 2.0i, Santana 2.0i, Apollo 1.8 / 1.8 GL / 1.8 GLS AP, Fox 302 / 307 / 309, Fusca 1.6, Gol 1.6 / 1.6 AP / 1.8, Gol II 1.0i / 1.8i, Karmann Ghia 1600, Kombi 1.3 / 1.5, Parati 1.6 / 1.6 AP, Passat 1.5 / 1.6 / 1.8, Quantum 1.8 / 2.0, Santana 1.8 / 1.8i / 2.0, Saveiro 1.6 AP, Variant 1600, Voyage 1.6 AP, YANMAR: Bt22 / 23 Microtratores Ct 11 / Tc 11 Super, **LADA:** Niva 1.5 / 1.6, **MOTORES TIETE:** 950 / 950 L, Motor RD900 / RD900L / RD950 / RD950L,

Bosch **Equivalente /** Replace



UF - 1.102
UF - 1.102/2 2 escovas / *brushes*
UF - 1.102/4 4 escovas / *brushes*

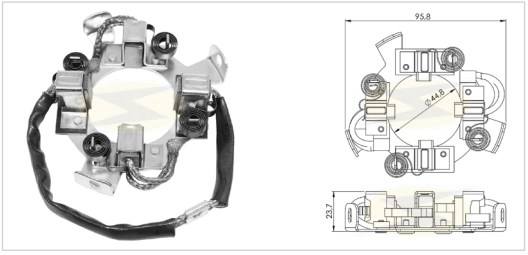
Especificações / Features: **12V**, **Tipo /** *Type:* **MPB** - Escova / *Brush*: 8,8 x 19 x 22 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 453 023, **WAPSA:** 246007

Partida / Starter: 9 000 453 020, 9 000 453 033, 9 000 453 034, 9 000 453 041, 9 000 453 044, 9 000 453 046, 9 000 453 047, 9 000 453 050, 9 000 453 053, 9 000 453 054, 9 000 453 060, 9 000 453 061, 9 000 453 027

Aplicação / Application: **CHEVROLET-GM:** A60 / A70 / A80 / A90; Caminhões C/ Perkins 4 Cil./ 6 Cil; **FORD:** Cargo World Truck 1113; F 2000 / 4000 / 7000 / 11000 / 12000 / 13000 / 19000 / 21000 / 22000, Tratores 4600 / 5600 / 6600; F 4000; F 11000 / 12000 / 13000; Cargo 1313 D229-6, Trator 4610 / 5610 / 6610 / 610 TR4 / 7610, **VOLKSWAGEN:** Série 7t 7.90s / 7.110s; Série 12t - 12.140h; Série 7t-7.140 / 11t-11.160 / 12t- 22.160; **FIAT-ALLIS:** Fb 80.2; **NEW HOLLAND:** 4630 / 5030 / 5630 / 6630 / 7630 / 7830 / 8030; **CASE:** Trator Escavo Carregador W7 C/ Perkins 6 Cil.; Trator Retro-Escavador 580e / 580ck; **CBT:** Tratores 1090 / 1100 C/ Perkins 6 Cil.; **CHRYSLER:** Caminhões P-700 C/ Perkins 6 Cil.; **CLARK:** Empilhadeira C300 Hy40 / 50 / 60; Tratores Michigan 75a Ii / Iii; **EATON:** Empilhadeira D83p / D83c / D87p; Pá-Carregadeira 250a / 1900; **HYSTER:** Empilhadeira C/ Perkins 4203 / 4236 4 Cil.; **MASSEY-FERGUSON:** Tratores 95 X / 95 L; Motor Industrial - Perkins; Mf 295/4 / 296 / 296/4; Mf 3000 / 3366 / Mf-400; Mf-200 / Mf-296

Bosch **Equivalente /** Replace



UF - 1.103
UF - 1.103/2 2 escovas / *brushes*
UF - 1.103/4 4 escovas / *brushes*

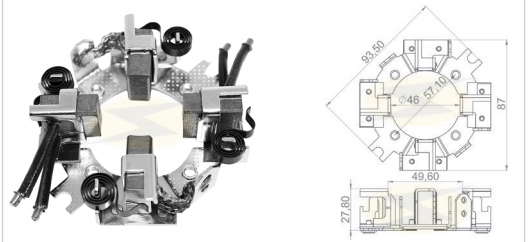
Especificações / Features: **12V**, **Tipo /** *Type:* **MPB** - Escova / *Brush*: 8,8 x 19 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 453 024, **WAPSA:** 246005

Partida / Starter: 9 000 453 048, 9 000 453 013, **WAPSA:** 224030

Aplicação / Application: **AGRALE-DEUTZ:** 400 - 440 C/ Motor Agrale M790; 4000 - 4200 C/ Motor Agrale M790, **FORD:** Maverick V8 302

Bosch **Equivalente /** Replace



UF - 1.104
UF - 1.104/2 2 escovas / *brushes*
UF - 1.104/4 4 escovas / *brushes*

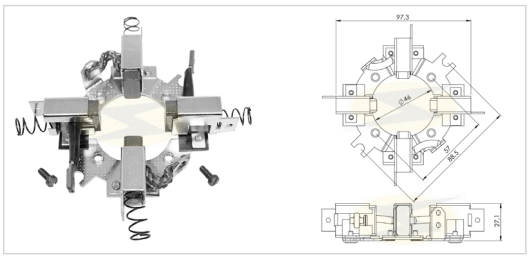
Especificações / Features: **12V**, **Tipo /** *Type:* **JF** - Escova / *Brush*: 10 x 22 x 23,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 083 392, 9 001 083 362, 9 001 083 569

Partida / Starter: 9 000 083 053, 9 000 083 061, 9 000 083 055, 9 000 083 056, 9 000 083 058, 9 000 083 059, 9 000 083 027, 9 000 083 028, 9 000 083 031, 9 000 083 035, 9 000 083 036, 9 000 083 038, 9 000 083 039, 9 000 083 041, 9 000 083 042, 9 000 083 051

Aplicação / Application: **AGRALE-DEUTZ:** Bx 4.60 / Bx 60, 5000d / 6150 / 7000d / 7500td / Bx 100 / Bx130, Bx 4.90 / Bx 4.100 / Bx 4.110 / Bx 4.130 / Bx 4.150 / Bx 90, **CASE:** Escavadeira 80 Cr / 80 P, W18 / W20 / W20b, **MERCEDES-BENZ:** 1116 L, 1117 L, 1117 LA, O364, OH1316, L608d / 610 / L1013 / L1111 / 1113 / L1313 / 1313a / L1316 / 1316a / L1516 / L2013 / 2016 / L2213 / 2215 / 2216, O 362, **SLC:** Colheitadeira 7000, 6200 / 6200 Turbo, 7200 Turbo / 7700 Turbo / W18 / W20 / W20b, Om 366 A / C / La , Série 9t-917 / Of1113 / Oh1112, Série 7000 - 7700 Turbo, **KOMATSU:** D30E, D90e / D50a, **CBT:** 1065 / 1105 / 2080 / 2105 / 8060 4x4, 2105, 8000 / 8240, 8260 4x4, 8000 – 8440, **CHEVROLET-GM:** D20 / D20 Plus / D6000, **MASSEY FERGUSON:** Trator MF235 / MF265 / MF265/4, MF-275 / 275-4 / 283 / 290 / 290-4 / 292, Mf 295 / 295/4, 296 / 296/4 Turbo, Mf1630 / 3640 / 5650 / 6845 / 6855 / 6865, **FIAT-ALLIS:** Fb 80, **MWM-DIESEL:** Motor D229-3 / -4 / -6, Série D / Td, **VALMET:** Trator 62 ID / 785 / 985 / 1180, 65id / 68 / 68 Cafeeiro / 68 Especial / 78s / 78 Ve / 88 / 110id / 118 / 118-4 / 128 / 128 4x4 / 138 Turbo / 138-4 Turbo / 148 4x4 / 148 Turbo / 880 / 880 4x4 / 980 4x4 Turbo, **JOHN DEERE:** Jd 50 D, **MAXION:** Ideal 9070 / 9075 / 9090, 9110 / 9130 / 9150 / 9170, **YANMAR:** Motor BTD22 / BTD33 / BT22 / BT33, Bt / Btd / 1050.D / 1050.D 4x4, **VOLKSWAGEN:** 11130, 13130, **VALTRA:** Tratores

Bosch **Equivalente /** Replace



UF - 1.105
UF - 1.105/2 2 escovas / *brushes*
UF - 1.105/4 4 escovas / *brushes*

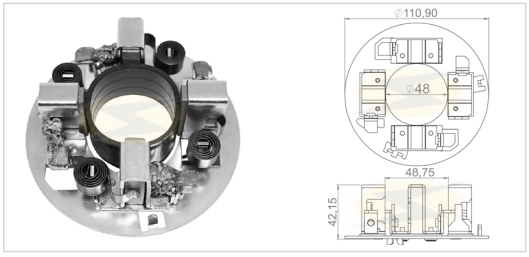
Especificações / Features: **12V**, **Tipo /** *Type:* **JF** - Escova / *Brush:* 10 x 22 x 19 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 083 569

Partida / Starter: 9 000 083 053, 9 000 083 054, 9 000 083 055, 9 000 083 056, 9 000 083 059, 9 000 083 061, 9 000 083 062, 9 000 083 069, 9 000 083 071, 9 000 083 072, 9 000 083 074, 9 000 083 075, 9 000 083 077, 9 000 453 072, 9 000 453 074, 9 000 453 076, 9 000 453 080, 9 000 453 082, 9 000 453 083, 9 000 453 089, 9 000 453 090, 9 000 453 091, F 006 AL0 602, 9 000 083 057, 9 000 083 058, 9 000 083 065, 9 000 083 067, 9 000 453 077

Aplicação / Application: **AGRALE-DEUTZ:** 6150, 7500TD, Trator AX4.80S / AX4.100S / AX4.120S / AX4.100 / AX4.190 / BX4.90 / BX4.110 / BX4.130 / BX4.150, Bx 4.60 / Bx 60, Ax 4100 / 4190 / 100s / 120s / 80s, Séries 5000 / 6000 / 7000 / Bx, 1800 D / Tx 1600, 7000 Dx / Tdx / 8500 Tdx / Ma 7.5 T, 6.150, **CASE:** W 18 / W20 / W20b, 80 Cr / 80 P, W 20 E, 580h / Sh 4x2, / 4x4, 580l, **CBT:** 1065 / 1105, 2080 / 2105, 8060 4x4, 8240, 8440, 8260 4x4, 2105, **PERKINS:** Tratores, **MERCEDES BENZ:** 608 D L, 610 M L, 708 E L, 708 E LO, 709, 710, 712, 809 LO, 809 LO, 812 LO, 814 LO, 912, 914, 917, 1013 L, 1111 L, 1113, 1113 L, 1113 LA, 1113 LPO, 1114 L, 1116 L, 1117 L, 1117 LA, 1118 L, 1214 C, 1214 L, 1217 L, 1218 L, 1218 L Euro 1, 1219 LP, 1313 L, 1313 LA, 1313 LS, 1316 L, 1317 L, 1318 L, 1319 L, 1414 L, 1418 L, 1418 L Euro 1, 1419 LP, 1420 L, 1513 L, 1513 LA, 1516 L, 1517 L, 1518 L, 1518 LS, 1614 L, 1618 L, 1620 L, 1621 L, 1714 K, 1717 K, 1717 L, 1718, 1718 A, 1718 K, 1720, 1720 L, 1721 S, 1722 S, 1723, 2013 L, 2013 LA, 2014 L, 2016 L, 2213 L, 2213 LA, 2213 L, 2214 L, 2215 L, 2216 L, 2314 L, 2318 L, 2318 LB, 2318 LK, 2418, O362, O364, O365, OF812, OF1114, OF1313, OF1314, OH1313, OH1314, OH1316, Séries 6tl / 7t / 7tl / 8tl / 9t / 10t / 11tl / 12t / 12tl / 13tl / 14tl / 15tl / 16tl / 17t / 20tl / 22tl / 23tl / 24t / O / Of / Oh / Om, Om 366 A / C / La, 917 / Of1113 / Oh1113, Motor Especial Dresser (À Prova De Óleo), **NEW HOLLAND:** 8040 / 8055, Tc 55 / Tc 57 / Tc 59 / Tm 120, Trator Gamalta, **TOYOTA:** Bandeirante Om 364 (01.91→12.01), **CHEVROLET-GM:** D20 / D 6000, **MASSEY-FERGUSON:** Mf1630 / Mf3640 / Mf5650 / Mf 6845 / 55 / 65, Mf295 / 295/4 / 296 / 296/4, Mf 235 / 265 / 296/5, **MAXION:** Ideal 9075 / 9090 , Ideal 9070 / 9075 / 9110 / 9130 / 9150 / 9170, **FIAT-ALLIS:** Fb 80, Mwm-Diesel: D 229-4 / D 229-5 / Td 229-6, D 229-3 / 229-4 / 229-6 / Tbd / Td **SLC:** 7700 Turbo, **VALMET:** Séries 62 / 65 / 68 / 78 / 88 / 110 / 118 / 128 / 138 / 148 / 880 / 980, 885s / 985s / 1180s / 1380s / 1680s / 1880s, 62 / 65 / 85 / 110 / 685, 1180, 785 / 885 / 985 / 1280 / 1580 / 1780, **MULLER:** Rolo compactador VAP55, Vibro Rt 62 / 82, Tm 12 / 14, **JOHN DEERE:** Jd 50 D, **KOMATSU:** D30e / D50a, Retro Escavadeira De Esteiras, **YANMAR:** Motor BTD22 / BTD33 / BT22 / BT33, Trator 1050, Bt / Btd / 1050.D / 1050.D 4x4, **FORD:** F 4000, Cargo World Truck C, **PUMA:** 7900 / 7900 T, 914, **VOLKSWAGEN:** 7100, 7120, 8100, 8120, 8140, 8140 CE, 8140 CO, 8150, 8150 OD, 9150 OD, 12140, 12170, 12180, 13150, 13170, 13180, 13190, 14150, 14170, 14180, 14200, 15170, 17210, Séries 7t/ 8t / 9t / 12t / 13t / 14t / 15t / 16t / 17t, 16.200 / 16.170 Bt, **FORD:** Cargo 814 / 815 / 1217 / 1417 / 1215 / 1415 / 1216 / 1416 / 1617 / 1421 / 1621, F12000, F14000, **SLC:** Colheitadeira 6200 / 6200 Turbo / 7200 Turbo, **VALTRA:** Tratores

Bosch **Equivalente /** Replace



UF - 1.106
UF - 1.106/2 2 escovas / *brushes*
UF - 1.106/4 4 escovas / *brushes*

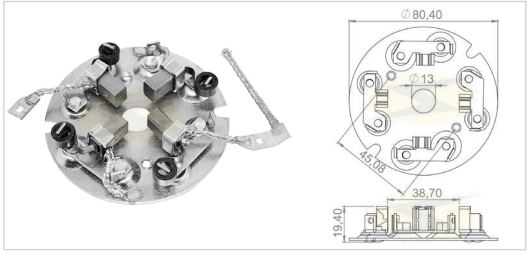
Especificações / Features: **12V**, **Tipo /** *Type:* **JE** - Escova / *Brush:* 9 x 36 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 453 640

Partida / Starter: 9 000 453 029, 9 000 453 067, 0 001 370 001, FORD: 87HLL11001AA

Aplicação / Application: **CASE:** W 36 B Turbo, **CUMMINS:** Ct - 6 Ct-8.3, **KENWORTH:** 13.210 / 22.210, **PETERBILT:** 13.210 / 22.210 / 23.210, **VOLKSWAGEN:** 16 T - 16.210, **MERCEDES BENZ:** 16 T L - L1625; 18 T L - Lg1825; 23 T L - L / Lb / Lk 2325, **FORD:** Cargo 2324 / 3224 Atac / C 4030, F7000

Bosch **Equivalente /** Replace



UF - 1.107
UF - 1.107/2 2 escovas / *brushes*
UF - 1.107/4 4 escovas / *brushes*

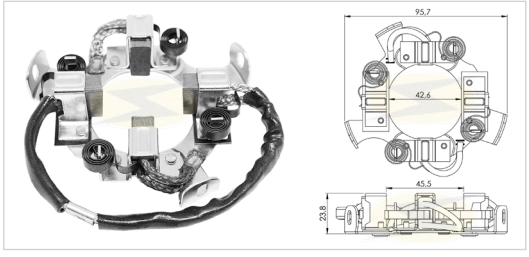
Especificações / Features: **12V**, **Tipo /** *Type:* **MWB** - Escova / *Brush:* 7 x 10 x 17 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 451 052, **WAPSA:** 246012

Partida / Starter: 9 000 451 017, 9 000 451 003, 9 000 451 010, 9 000 451 011, 9 000 451 012, **WAPSA:** MWB19

Aplicação / Application: **FORD:** Escort - Álcool E Transmissão Automática / Automatic Transmission, **VOLKSWAGEN:** Gol C / Ci / Gi (c/ refrig. a água), Parati C / CL / GL (c/ refrig. a água), Passat 1.5 / 1.6 / GTS (c/ refrig. a água), Saveiro CL / GL (c/ refrig. a água), Voyage C / CL / GL (c/ refrig. a água)

Bosch **Equivalente /** Replace



UF - 1.110/2 2 escovas / *brushes*
UF - 1.110/4 4 escovas / *brushes*

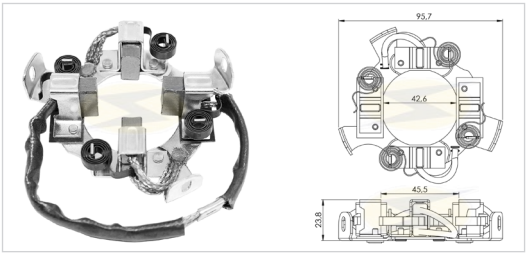
Especificações / Features: **12V**, **Tipo /** *Type:* **MPB** - Escova Curta / *Short Brush* : 8,8 x 19 x 13 mm (L x A x C / W x H x L)

Equivalente / Replace: **WAPSA:** 9 001 453 025

Partida / Starter: 9 000 453 016, 9 000 453 038, 9 000 453 045, 9 000 453 049, 9 000 453 051, 9 000 453 052

Aplicação / Application: **CASE:** 580 - 580 H, **CBT:** Trator - 1000, **HYSTER:** Empilhadeira / Forklift Com Motor Gm 2500 4 Cil. / Gm 4100 6 Cil, **MASSEY FERGUSON:** Trator MF50X / MF55X / MF65R / MF65X / MF85X / MF235 / MF250 / MF265 / MF283 / MF5300 / MF5310, Mf 200 - 283, Mf 200 - 290, Mf 5000 - 5300, Colheitadeira / Combine 220, Mf 200 - 275 / 285 / 290, Trator 85 X, Trator 65r

Bosch **Equivalente /** Replace



UF - 1.111/2 2 escovas / *brushes*
UF - 1.111/4 4 escovas / *brushes*

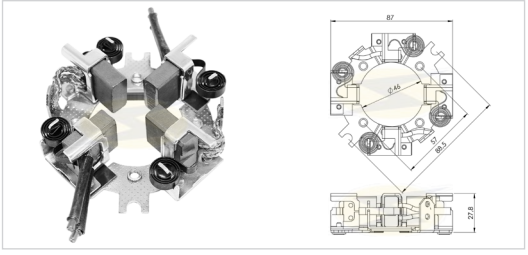
Especificações / Features: **12V**, **Tipo /** *Type:* **MPB** - Escova / *Brush*: 8,8 x 19 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 453 023, **WAPSA:** 246007

Partida / Starter: 9 000 453 020, 9 000 453 033, 9 000 453 034, 9 000 453 041, 9 000 453 044, 9 000 453 046, 9 000 453 047, 9 000 453 050, 9 000 453 053, 9 000 453 054, 9 000 453 060, 9 000 453 061, 9 000 453 027

Aplicação / Application: **CHEVROLET-GM:** A60 / A70 / A80 / A90, Caminhão C/ Perkins 6 / 4 Cil, **FORD:** Cargo 1113 / 1313 D299-6, F2000 D229-4, F7000 D229-6, F19000 D229-6, F21000 D229-6, F22000 D229-6, F22000 TD229-6, Trator 4610 / 5610 / 6610 / 610 TR4 / 7610, **HYSTER:** Empilhadeira 4203 / 4236 (c/ motor Perkins 4 cil.), Cargo World Truck 1113, F 2000 / 4000 / 7000 / 11000 / 12000 / 13000 / 19000 / 21000 / 22000, Trator 4600 / 5600 / 6600, **VOLKSWAGEN:** 7t - 7.90 S / 7.110 S, 12t - 12.140 H, 7.140 / 11.160 / 22.160, **CASE:** Trator Escavo Carregador W7, Trator Retro - Escavador 580e / 580 Ck, **CBT:** Trator 1090 / 1100, **CHRYSLER:** Caminhão P-700, **CLARK:** Empilhadeira / Forklift - C300 Hy 40 / 50 / 60, Trator Michigan 75a / Ii / Iii, **EATON:** Empilhadeira D83C / D83P / D87P, Pá carregadeira 250A / 1900, Empilhadeira / Forklift D83p / D83c / D78p, Pá-Carregadeira 250a / 1900, **FIAT-ALLIS:** Fb 80.2, Trator 4600 / 5600 / 6600, **HYSTER:** Empilhadeira/ Forklift Com Motor Perkins 4203 / 4236 4 Cil., **MASSEY FERGUSON:** Trator 95I / 95X (c/ motor Perkins 6 cil.), Mf 200 - Mf 296, Mf 295/4 / Mf 296 / Mf 296/4, Mf - 3000 / Mf - 3366 / Mf - 400, Motor Industrial Perkins, Trator 95x / 95I, **NEW HOLLAND:** Trator 7810 Genesis, 4630 / 5030 / 5630 / 6630 / 7630 / 7830 / 8030

Bosch **Equivalente /** Replace



UF - 1.112/2 2 escovas / *brushes*
UF - 1.112/4 4 escovas / *brushes*

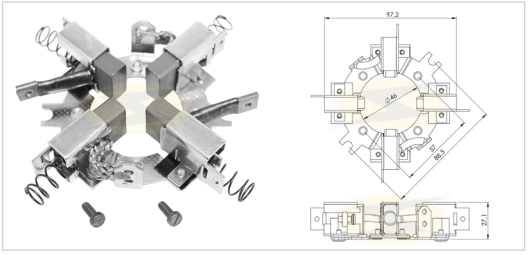
Especificações / Features: **24V**, **Tipo /** *Type:* **JF** - Escova / *Brush*: 10 x 22 x 23,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 083 392

Partida / Starter: 9 000 083 043, 9 000 083 063, 9 000 083 064, 9 000 083 065, 9 000 083 066, 9 000 083 068, 9 000 083 073, 9 000 083 076, 9 000 453 075, 9 000 453 079, 9 000 453 086, 9 000 453 088, 9 000 083 045, 9 000 083 046, 9 000 083 050, 9 000 083 052, 9 000 453 080

Aplicação / Application: **CASE:** Escavadeira hidráulica 888 BCKE 6BT / CKE 6BT, Pá carregadeira W18 D OM366 / E OM366, Pá carregadeira W20 D OM366 A / E OM366 A, **EL DETALHE:** OA101 BF6L 913C, **FIAT:** 80 / 80S / 120 / 130 / 140 / 8340 / 8360, **FIAT-ALLIS:** Ad - Ad 7 B (06/1985→), Ad - Ad 7 B (12/1984→), Demais Ônibus E Caminhões C/ Partida Jf 24v, Escavadeira FH200 TD229 EC.06, Motoniveladora FG140 6CT 8.3, Pá carregadeira FR10 B D229-6 / FR12 B D229-6 / FR120.2 6CT 8.3, Trator de esteiras FA120 TD229 EC.09 / FD9 TD229-6 EC.06, **FORD:** Cargo 1618 6.10, B1618 6.10T, B1621 6.10T, **IVECO:** EuroCargo 120 E15 / 140 E18 / 150 E18 / 150 E20 / 150 E20T / 160 E21 / 160 E23 / 160 E23T, **KOMATSU:** Motoniveladora A835 / GD523A / GD523R (Cummins 6BT 5.9), Retroescavadeira PC150 / SE (Cummins 6BT 5.9), **MERCEDES-BENZ:** 13 T L - L 1317, 15 T L - L 1517, 917, 1214 L OM366, 1217 L OM366 A, 1218 L OM366 A, 1218 L OM366 A Euro 1, 1317 L OM352 A, 1414 L OM366, 1418 L OM366 A, 1418 L OM366 A Euro 1, 1517 L OM352 A, 1614 L OM366, 1618 L OM366 A, 1621 L OM366 A, O371 U OM366, O371 UL OM366 LA, O371 UL OM366 LA Euro 1, OF1115 OM366, OF1315 OM366, OF1318 OM366 A, OF1618, OF1620 OM366 LA, OF1721 OM366 LA, OH1315 G OM366, OH1318 OM366 A, OH1420, OH1421 L, OH1621 LE, OH1621 LG OM366, OH1623 LG OM366, OHL1620, OHL1621, **VOLKSWAGEN:** 16180 CO 6.10, 16210 CO 6.10 TCA, 17210 OD 6.10 TCA, 17240 OT 6.10 TCA, L80 4.10 TCA, **YANMAR:** Motor estacionário, Motor marítimo

Bosch **Equivalente /** Replace



UF - 1.113/2 2 escovas / *brushes*
UF - 1.113/4 4 escovas / *brushes*

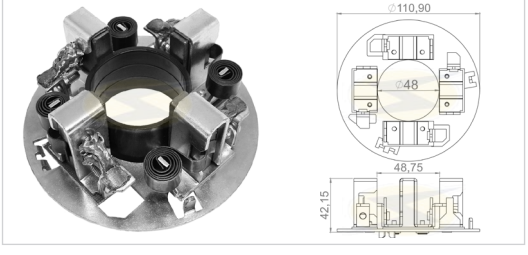
Especificações / Features: **24V**, **Tipo /** *Type:* **JF** - Escova / *Brush*: 10 x 22 x 19 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 083 596

Partida / Starter: 9 000 083 043, 9 000 083 054, 9 000 083 063, 9 000 083 064, 9 000 083 065, 9 000 083 066, 9 000 083 068, 9 000 083 073, 9 000 083 076, 9 000 453 075, 9 000 453 079, 9 000 453 086, 9 000 453 088, F 000 AL0 700

Aplicação / Application: **FIAT:** 80 / 80S / 120 / 130 / 140 / 8340 / 8360, **YANMAR:** Motor Estacionário E Marítimo, **CASE:** W18 D / W 18 E / W 20 D / W20 E, **EL DETALLE:** Oa 101 - (09/1997→), **MERCEDES BENZ:** OF1318 OM366 A, OF1618, OF1620 OM366 LA, OH1420, OH1421 L, 12 T L - L 1214 / 1217 / 1218, 14 T L - L 1414 / 1418, 16 T L - L 1614 / 1618 / 1621, Of 1318 / 1620, 13 T L - L 1317 / 15 T L - L 1517, O 371 U / Ul, Of 1115 /1315 /1721, Oh 1315 G / Oh 1318 / Oh 1621 Lg / Oh 1623 Lg, **FIAT-ALLIS:** Motoniveladora FG140 6CT 8.3, Fg 140 - Motor 6 Ct 8.3 - (02/1999→), Ad 7 B, Fa 120, Fh 200, Fd 9, Fr 10 B, Fr 12 B, Fr 120.2, **VOLVO:** Vme L 30, **CASE:** Escavadeira hidráulica 888 BCKE 6BT / CKE 6BT, **KOMATSU:** A 835; Gd 523 A, Gd 523 R, Pc 150 Se, Retro-Escavadeira Pc 150 Modelo 3, **FORD:** Cargo World Truck 1618, B 1618, B 1621, **IVECO:** 120 E 15, 150, 149 E 18, 150 E 20, 150 E 20 T, 150 T, 160 E 21, 160 E 23, 160 E 23 T, **VOLKSWAGEN:** 16 T - 16.180 Co / 16.210 Co, 17t - 17.210 Od / 17.240ot, B 16.180, L 80, **IVECO:** EuroCargo 140 E18

Bosch **Equivalente /** Replace



UF - 1.114/2 2 escovas / *brushes*
UF - 1.114/4 4 escovas / *brushes*

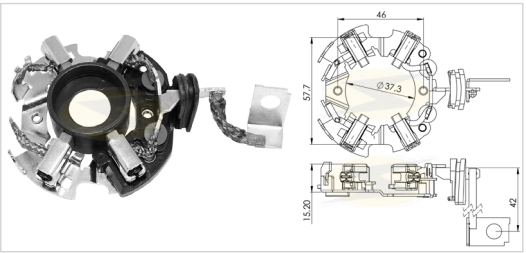
Especificações / Features: **24V**, **Tipo /** *Type:* **JE** - Escova / *Brush*: 9 x 36 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 9 001 453 625

Partida / Starter: 9 000 453 068, F 000 AL0 801

Aplicação / Application: **DECAROLI, Demais Ônibus E Caminhões Com Partida Je 24v, MERCEDES BENZ:** 1625 LS, 1630 LS, 1825 LS, 1935 LS, 1938 LS, 1941 LS, 2325 L, 2635 L, 2638 LS, O400 R / RS / RSD / RSL / UP / UPA, OH1625 L, OH1635 L, OHL1624 G, OHL1630, OHL1635

Bosch **Equivalente /** Replace



UF - 1.115/4 4 escovas / *brushes*

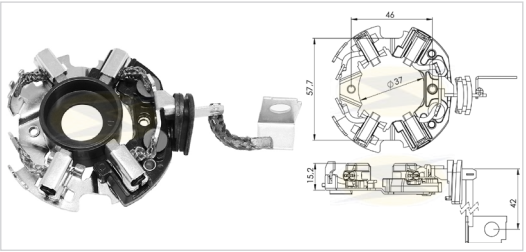
Especificações / Features: **12V**, **Tipo /** *Type*: **DM / DA** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado esquerdo/ *Left side terminal***

Equivalente / Replace: **BOSCH:** F 000 AL1 013, 9 001 081 092, F 000 AL1 054, F 000 AL1 459, F 000 AL1 919

Partida / Starter: 9 000 081 010, F 000 AL0 401, F 000 AL0 402, F 000 AL0 306, F 000 AL0 313, F 000 AL0 414, 0 001 112 003, 0 001 112 038, F 000 AL0 329, F 000 AL0 415

Aplicação / Application: **CHEVROLET-GM:** Corsa 1.6 Efi, **VOLKSWAGEN:** CrossFox 1.6 Total Flex, Fox 1.0 / 1.0 Total Flex / 1.6 / 1.6 Motion Total Flex / 1.6 Total Flex, Gol IV 1.0 / 1.0 Ecomotion / 1.0 Total Flex, Gol V 1.0 Total Flex / 1.6 Total Flex, Gol VI 1.0 Total Flex / 1.6 Motion Total Flex / 1.6 Total Flex, Golf III 1.8, Golf IV 1.6 / 1.6 Total Flex, Kombi 1.4 Total Flex, Kombi 1.6 Mi, Polo 1.6 / 1.6 Total Flex, Polo Sedan 1.6 / 1.6 Total Flex, Saveiro V 1.6 Total Flex, SpaceCross 1.6 Total Flex, SpaceFox 1.6 Total Flex, Transporter 1600 UG / BG, Variant 1600, Variant II 1600, Voyage 1.0 Flex / 1.0 Total Flex / 1.6 Flex / 1.6 Motion Flex / 1.6 Total Flex, Gol Ii / Iii 1.0 Mi / 16v / Turbo, Parati Ii / Iii / 1.0 Mi / 16v / Turbo, Fusca 1300 / 1500 / 1600, Gol 1.3, **GURGEL:** Br 800, Tocantins L / Tr, **TRANSPORTER:** 1600 / Variant / Ii, **SEAT:** Cordoba 1.6 / 1.8, Ibiza 1.6

Bosch **Equivalente /** Replace



UF - 1.116/4 4 escovas / *brushes*

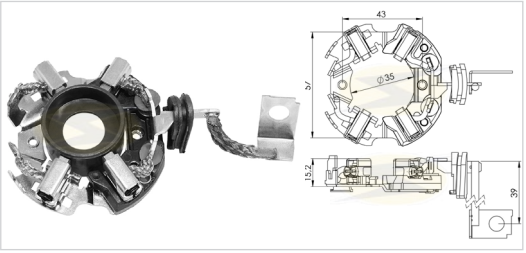
Especificações / Features: **12V**, **Tipo /** *Type*: **DM / DA** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: 1 004 336 809, F 000 AL1 054, F 000 AL1 055, F 000 AL1 283, F 000 AL1 396

Partida / Starter: **BOSCH:** 0 001 112 041, 0 001 112 033, F 000 AL0 324, F 000 AL0 326, F 000 AL0 328, F 000 AL0 330, F 000 AL0 334, F 000 AL0 413, 0 001 107 027, 0 001 107 028, 0 001 107 044, 0 001 107 059, 0 001 107 063, 0 001 107 076, 0 001 107 082, 0 001 113 009, 9 000 081 003, F 000 AL0 003, F 000 AL0 301, F 000 AL0 302, F 000 AL0 304, F 000 AL0 309, F 000 AL0 310, F 000 AL0 314, F 000 AL0 400, **CITROEN:** 5228C2, **FIAT:** 77364844, **PEUGEOT:** 5825C2

Aplicação / Application: **FORD:** Escort 1.1 / 1.6i 16V, Fiesta 1.0 / 1.0i / 1.3 / 1.3i / 1.4i Flair Fun, Escort / Orion 1.6i 16v / Ka 1.3i / Escort 1.3 / Turnier / 1.4 / Cabrio / Express 55 / 75, **OPEL:** Calibra 2.0i Turbo, **CITROEN:** Berlingo 1.8i / Evasion 2.0i Turbo / Xantia 1.6 / 1.8 / 2.0i / Xm 2.0i / 16v Turbo / Xsara 1.8i / 16v / Breack / Coupe / 2.0 / 16v / Zx / 1.8i, **FIAT:** Ulysse 1.8 / 2.0 / 2.0 Turbo, Ducato 10 / 13 / 14 / 18 / Ulysse / Palio 1.0 8v / Uno Mille 1.0 Spi / Weekend 1.0 8v / Strada 1.0 8v / Doblo Ex Fire 1.3i / Palio 1.0 / 1.3 Mpi 16v / Weekend / Siena / Strada, **PEUGEOT:** 205 1.9i, 306 1.8i / 1.8i 16V / 1.8i 16V Break / 1.8i 16V Cabriolet / 1.8i Break / 1.8i Cabriolet / 2.0i / 2.0i 16V Cabriolet, 405 1.6i / 1.8i / 2.0i, 605 2.0i 16V, 806 2.0i / 2.0i Turbo, Partner 1.8i, **VOLVO:** S40 / V40, **CHEVROLET-GM:** Corsa / Celta, Agile 1.4 Flex, Calibra, Celta 1.0 / 1.0 VHC / 1.0 VHC Flexpower / 1.0i / 1.4 MPFI, Classic 1.0 VHC, Corsa 1.0 EFI / 1.0 MPFI / 1.0 MPFI 16V / 1.0 VHC Flexpower / 1.4 EFI / 1.6 EFI / 1.6 EFI SOHC / 1.6 MPFI / 1.6 MPFI 16V / GSi 1.6 SFI 16V, Corsa Pick-up 1.6 EFI / 1.6 MPFI, Corsa Sedan 1.0 MPFI / 1.0 MPFI 16V / 1.0 VHC / 1.0 VHC Flexpower / 1.6 MPFI / 1.6 MPFI 16V, Corsa Wagon 1.0 MPFI / 1.0 MPFI 16V / 1.6 MPFI / 1.6 MPFI 16V, Meriva 1.4 EconoFlex, Montana 1.4 EconoFlex, **VOLKSWAGEN:** Gol 1.6, Gol II 1.6 Mi / 1.6i / Special 1.0 Mi 8V, Gol III 1.6 Mi / 1.6 Mi Total Flex, Gol IV 1.6 Total Flex, Parati 1.6, Parati II 1.6 Mi / 1.6i, Parati III 1.6 Mi / 1.6 Mi Total Flex, Parati IV 1.6 Total Flex, Saveiro 1.6 / 1.6 Mi, Saveiro II 1.6 Mi, Saveiro III 1.6 Mi, Saveiro III 1.6 Mi Total Flex, Saveiro IV 1.6 Total Flex, Voyage 1.6 UN, **MERCEDES-BENZ:** Classe A 160, **YANMAR:** Motor NS18

Bosch **Equivalente /** Replace



UF - 1.117/4 4 escovas / *brushes*

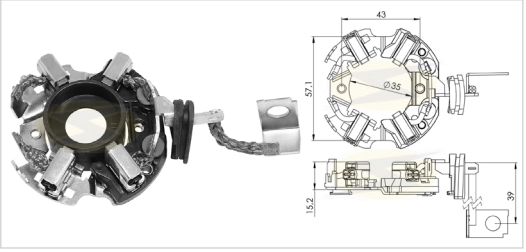
Especificações / Features: **12V**, **Tipo /** *Type*: **DW / DB** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado esquerdo / *Left side terminal***

Equivalente / Replace: F 000 AL1 051, F 000 AL1 391, 1 004 320 154, 1 004 320 155, 1 004 320 156, 1 004 320 157, 1 004 320 169, 1 004 320 170, 1 004 320 214, 1 004 320 215, 1 004 336 801, 1 004 336 809, 1 004 336 810, 1 004 336 813, 1 004 336 814, 1 004 336 820, 1 004 336 821, 1 004 336 827, 1 004 336 951, 1 004 336 964,

Partida / Starter: 0 001 106 015, 0 001 107 003, 0 001 107 007, 0 001 108 094, 0 001 107 016, 0 001 107 019, 0 001 107 020, 0 001 107 021, 0 001 107 022, 0 001 107 039, 0 001 107 054, 0 001 107 063, 0 001 107 066, 0 001 107 068, 0 001 107 091, 0 001 121 008, 0 001 121 009, 0 001 121 016, 0 001 121 028, 9 001 081 001, 0 001 106 011, 0 001 107 023, 0 001 107 030, 0 001 107 049, 0 001 107 062, 0 001 121 006, 0 001 121 007, 0 001 121 017, 0 001 121 018, 0 001 121 019, 0 001 121 023, 9 000 081 002

Aplicação / Application: **FORD:** Escort 1.6i AE / 1.8i / 1.8i 16V / 1.8i AP / 2.0i / 2.0i AE / 2.0i AP, Mondeo 2.0i / 2.0i Turnier, Verona 1.8i / 1.8i AP / 2.0i / 2.0i AP, **CITROEN:** Berlingo / Evasion / Xantia / Xm / Xsara, **FIAT:** Brava 1.8 MPI 16V, Bravo 1.6 16V, Doblò 1.6 MPI 16V, Marea 1.8 MPI 16V / 2.0 20V / 2.0 MPI 20V Turbo, Marea Weekend 1.8 MPI 16V / 2.0 MPI 20V Turbo, Palio 1.6 MPI 16V, Palio Weekend 1.6 MPI 16V, Siena 1.6 MPI 16V, Strada 1.6 MI 16V, Tempra 2.0 S.W., Tipo 1.8 / 2.0 / 2.0 16V, Ducato 10 / 13 / 14 / 18 / Ulysse / Doblo, **PEUGEOT:** 205 / 306 / 405 / 605 / 806 / Partner, **VOLKSWAGEN:** Beetle 2.0, Bora 1.6 / 1.6 Variant, Golf 1.8, Golf II 1.8 / 2.0 Mi 16V, Golf III 1.6 Mi / 1.8 / 1.8 Mi / 2.0 Mi / 2.0 Syncro, Golf IV 1.4 / 1.4 Variant / 1.6 / 1.6 Variant / 1.6i / 1.6i S / 1.6i Variant / 1.8 / 1.8 4 Motion / 1.8 GTi / 1.8 GTi Turbo / 2.0 / 2.0 Variant / 2.0i, Logus 1.6 / 1.6i / 1.8 / 1.8i / 2.0 / 2.0 Mi / 2.0i, Passat 1.8 / 1.8 Syncro / 1.8 Syncro Variant / 1.8 Turbo / 1.8 Turbo Variant / 1.8 Variant / 2.0, Passat II 2.0i 16V, Pointer 1.8 / 1.8i / 2.0 / 2.0 Mi / 2.0i, Polo 1.0 16V / 1.6 / 2.0, Polo Sedan 2.0, Gol / Logus / Parati, **SEAT:** Alhambra 1.8 Turbo / 2.0, City Golf 1.6, Cordoba 1.6 / 1.8 / 1.8 16V / 2.0, Ibiza 1.6 / 1.8, Inca 1.6 EFI, Vario 1.6, City Golf, **AUDI:** 80 1.8 Quattro / 2.0, A3 1.6 / 1.8 / 1.8T, A4 1.8 / 1.8 Quattro / 1.8T / Avant 1.8 / Avant 1.8 Quattro / Avant 1.8T / Avant 1.8T Quattro, A6 2.0, TT Coupe 1.8T, A3 / Tt / Coupe, **OPEL:** Corsa 1.0i, **NISSAN:** Sentra, **CHEVROLETE - GM:** Corsa 1.0i

Bosch **Equivalente /** Replace



UF - 1.118/4 4 escovas / *brushes*

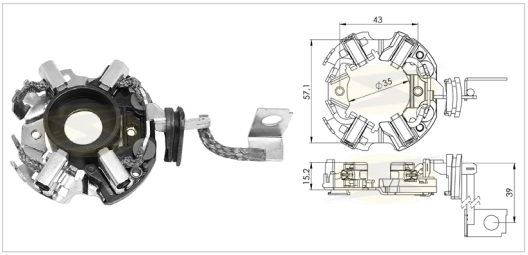
Especificações / Features: **12V**, **Tipo /** *Type*: **DW / DB** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: F 000 AL1 053, F 000 AL0 100, F 000 AL1 171, F 000 AL1 222, F 000 AL2 057

Partida / Starter: 0 001 107 015, 9 000 081 004, 9 000 081 005, 9 000 081 006, 9 000 081 007, 9 000 081 008, F 000 AL0 104, F 000 AL0 502, F 000 AL0 102, F 000 AL0 507, F 000 AL0 106, F 000 AL0 101, F 000 AL0 121

Aplicação / Application: **CHEVROLET-GM:** Astra 1.8 MPFI / 2.0 MPFI, Astra Sedan 1.8 MPFI, Ipanema 2.0 MPFI, Kadett 2.0 MPFI, Omega 2.0 MPFI / Suprema 2.0 MPI, Vectra 2.0 / 2.0 GSi 16V / 2.0 MPFI, Zafira 2.0 MPFI, **OPEL:** Astra / Calibra / Omega / Vectra, **VOLKSWAGEN:** Gol 1.8 / 2.0 GTi, Gol II 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Gol III 1.8 Mi / 2.0 Mi, Parati 1.6 / 1.8, Parati II 1.8 Mi / 2.0 Mi / 2.0i, Parati III 1.8 Mi / 2.0 Mi, Quantum 1.8 / 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Santana 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Saveiro 1.8, Saveiro II 1.6 Mi / 1.8 Mi / 2.0 Mi, Saveiro III 1.6 Mi / 1.8 Mi / 2.0 Mi, Voyage 1.8 / 1.8 Special, **CITROEN:** Xsara Picasso 2.0 16V, **FIAT:** Marea 1.8i 16V / 2.4i 20V / Turbo 2.0i 20V, Palio 1.6 16V, Palio Weekend 1.6 16V, Tempra 2.0 8V / 2.0 MPI 16V / 2.0 SPI 8V / Turbo 2.0 MPI 8V, **FORD:** Royale 1.8i / 2.0 / 2.0i, Versailles 1.8i / 2.0 / 2.0i

Bosch **Equivalente /** Replace



UF - 1.119/4 4 escovas / *brushes*

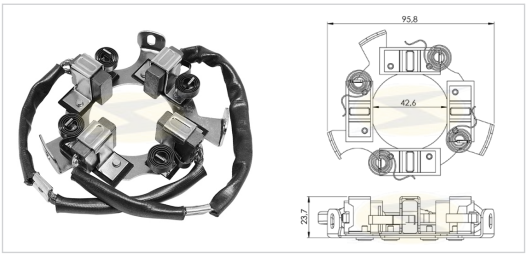
Especificações / Features: **12V**, **Tipo /** *Type:* **DW** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: **BOSCH:** 1 004 336 957, F 000 AL1 052

Partida / Starter: 0 001 107 015, F 000 AL0 100, 0 001 107 045

Aplicação / Application: **CHEVROLET-GM:** Ipanema 1.8 / 1.8 EFI / 2.0 / 2.0 EFI, Kadett 1.8, Kadett 1.8 EFI / GS 2.0 / GSi 2.0 / 2.0 EFI, Monza 1.6 / 1.8 / 1.8 EFI / 2.0 / 2.0 EFI / MPFI, Monza Hatch 1.6 / 1.8 / 2.0, Vectra 2.0 MPFI, Astra 1.8 / 2.0 / I / Sedan 1.8 / 2.0 / I / Mpfi / 16v, Blazer 2.2 Efi / Ipanema 2.0 Mpfi / Kadett 2.0 Mpfi / Omega 2.0 / 2.2i, Suprema 2.0 / 2.2 / 3.0i / S10 Efi / Mpfi / Vectra 2.0 / Gsi 16v / Zafira 2.0 / I / 16v, OPEL: Astra 2.0i / Calibra 2.0i Turbo / 16v / Omega 1.8 / 2.0 / I / Vectra 2.0 I / 16v / 2000 / 4x4, **FIAT:** Brava 1.6 MPI 16V / 1.8 MPI 16V, Linea 1.8 16V Flex / 1.8 16V Flex LX / 1.8 16V Flex Dualogic / 1.8 16V Flex Dualogic LX / 1.9 16V Flex / 1.9 16V Flex Dualogic, Marea 1.6 MPI 16V / 1.8 MPI 16V / 2.0 MPI 20V / 2.0 MPI 20V Turbo / 2.4 MPI 20V, Marea Weekend 1.6 MPI 16V / 1.8 MPI 16V / 2.0 MPI 20V / 2.0 MPI 20V Turbo / 2.4 MPI 20V, Palio Adventure 1.6 MPI 16V, Siena 1.6 MPI 16V, Strada 1.6 MPI 16V, Tempra 2.0 MPI 16V / 2.0 SPI 8V, Fiorino 1.0 / 1.5 (→1995), Palio 1.6 16v / Palio Weekend 1.0 / 1.5 8v (→96) / 1.6 16v, Siena, Strada 1.0 / 1.5 8v (→99), Uno 1.5 / Mille, **FORD:** Royale 1.8i / 2.0 / 2.0i, Versailles 1.8i / 2.0 / 2.0i, **VOLKSWAGEN:** Gol 1.8 / 2.0 GTi, Gol II 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Gol III 1.8 Mi / 1.8 Mi Total Flex / 2.0 Mi, Gol IV 1.8 Total Flex, Parati 1.8, Parati II 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Parati III 1.8 Mi / 1.8 Mi Total Flex / 2.0 Mi, Parati IV 1.8 Total Flex, Quantum 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Santana 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Saveiro 1.8 / 1.8 Mi, Saveiro II 1.8 Mi / II 2.0 Mi, Saveiro III 1.8 Mi / 1.8 Mi Total Flex / 2.0 Mi, Saveiro IV 1.8 Total Flex, Voyage 1.8 / 1.8 Special

Bosch **Equivalente /** Replace



UF - 1.124/4 4 escovas / *brushes*

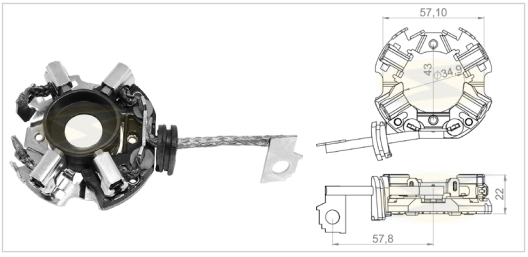
Especificações / Features: **24V**, **Tipo /** *Type:* **EMT** - Escova / *Brush*: 8,8 x 19 x 22 mm (L x A x C / W x H x L) **Quatro pólos isolados / *Four isolated poles***

Equivalente / Replace:

Partida / Starter: 9 135 081 000

Aplicação / Application: Empilhadeira / Forklift

Bosch **Equivalente /** Replace



UF - 1.125/4 4 escovas / *brushes*

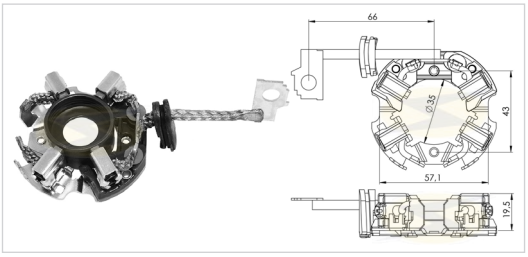
Especificações / Features: **12V**, **Tipo /** *Type:* **DW** - Escova / *Brush*: 5 x 16 x 13 mm (L x A x C / W x H x L) **Giro Sentido Horário / *Clock Wise Rotation*, Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: **BOSCH:** 1 004 336337, 1 004 336 418, 1 004 336 423, 1 004 336 677, 1 004 336 740, 1 004 336 747, 1 004 336 762, 1 004 336 806, 1 004 336 816, 1 004 336 823, 1 004 336 832, 1 004 336 837, 1 004 336 907, 1 004 336 934, 1 004 336 950, 1 004 336 954, 1 004 336 960, 1 004 336 968, 1 004 336 998,

Partida / Starter: 0 001 108 128, 0 001 108 026, 0 001 108 064, 0 001 108 070, 0 001 108 080, 0 001 108 101, 0 001 108 121, 0 001 108 130, 0 001 108 135, 0 001 108 136, 0 001 108 138, 0 001 108 139, 0 001 108 140, 0 001 108 143, 0 001 108 146, 0 001 108 155, 0 001 108 157, 0 001 108 159, 0 001 108 166, 0 001 108 167, 0 001 108 173, 0 001 108 176, 0 001 108 183, F 010 AL0 103, 0 001 108 010, 0 001 108 018, 0 001 108 027, 0 001 108 048, 0 001 108 065, 0 001 108 079, 0 001 108 102, 0 001 108 105, 0 001 108 106, 0 001 108 113, 0 001 108 115, 0 001 108 122, 0 001 108 133

Aplicação / Application: **ALFA ROMEO:** Alfa 156 2.5 24V / 165 3.0i.e. / 166 3.0 V6 24V, Spider 3.0 V6 12V, Alfa 155 2.0 T.S. / 156, Berlina / Sport Wagon / 164 /166 / Spider, **AUDI:** S4 2.2 Avant Quattro / Quattro, S6 2.2T Avant Quattro / 2.2 T, 80 2.2 Rs2 / Quattro S2 / S6 2.2 T, 100 2.2, 200 2.2 Turbo, **BMW:** 316 / 318 / 320 / 323 / 325 / I / 328 / 525 / I / 528 / Z3, **CHEVROLET-GM:** C20 4.1 MPFI / Powertech, Omega 3.0 MPFI / Suprema 3.0 MPFI, Silverado 4.1 Powertech, Omega 3.0 / 4.1 / I, Suprema 3.0 / 4.1 / I, C20, Silverado 4.1, **CHRYSLER:** Grand Caravan 3.0 I Le, **CITROEN:** Berlingo 1.9i, XM 2.0i 16V / 2.0i Turbo, Evasion 2.0i / Turbo, Berlingo 1.8i, Xantia 1.6 / 1.8 / 2.0, Xm 2.0, Xsara 1.8 / 2.0 / Turbo, Zx 2.0i, Picasso 2.0 Turbo, **FIAT:** Brava 1.9 ELX JTD Diesel, Fiorino 1.7 Diesel, Marea 1.9 ELX JTD Diesel, Marea Weekend 1.9 ELX JTD Diesel, Palio 1.7 SX Turbo Diesel / ELX Turbo Diesel / EX Turbo Diesel, Palio Weekend ELX Turbo Diesel, Siena ELX Turbo Diesel / EX Turbo Diesel, Stilo 1.9 JTD Diesel, Strada 1.7 Turbo Diesel, Ulysse 1.9 TD / 2.0i.e. Turbo / 2.1 TD, Ulysse 1.8 / 1.9 / 2.0 / 2.1 / I.E. / Td / Turbo, Croma 2.0 / I.E. / 16v / Turbo, **FORD:** Escort 1.6i 16V / Cabrio / Turnier / XR3i Cabrio, Mondeo 1.8i / 2.0i Turnier, Transit FT 080 / 100 / 120 / 150 / 190 2.0i NSG, Escort 2.0i 16v Rs 2000 / 4x4 / Escort 1.8 I 16v Xr3 Cabriolet / Turnier, Euroline / Nugget / Scorpio / Tourneo / Transit, **OPEL:** Omega 3.0i Evolution 500, Omega 2.4 / 2.6 / 3.0 / 3.6 / I, **PEUGEOT:** 306 1.8 / 2.0/ I / 16v, 405 1.8 / 2.0, 605 2.0i 16v / 3.0i 24v, 806 2.0i, Partner 1.8i, **RENAULT:** Berlingo 1.9 I, Partner 1.9 I, Clio 2.0i Williams, Laguna 2.0i, **VOLKSWAGEN:** Gol 1.6 D, Kombi 1.6 D, Parati 1.6 D, Parati III 1.9 D, Saveiro III 1.6 / 1.9 D, Transporter Diesel, **VOLVO:** S70 2.3, V70 2.3 / 2.5 20V / AWD, C70 / S70 / V70 / 850 - 2.5 Glt / Turbo / R / T-5 / T-5r / S40 - 1.8 / 2.0 16v / V40 - 1.8 16v

Bosch **Equivalente /** Replace



UF - 1.126/4 4 escovas / *brushes*

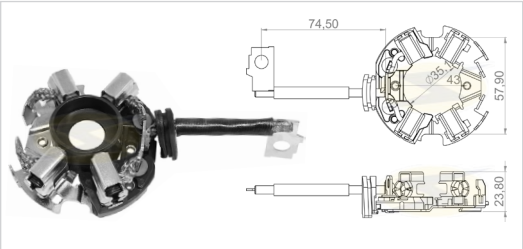
Especificações / Features: **12V**, **Tipo /** *Type:* **DW** - Escova / *Brush*: 5 x 16 x 13 mm (L x A x C / W x H x L) **Giro sentido anti-horário / *Counter clockwise rotation,* Terminal saída lado esquerdo / *Left side terminal***

Equivalente / Replace: **BOSCH:** 1 004 336 811, 1 004 336 362, 1 004 336 426, 1 004 336 442, 1 004 336 467, 1 004 336 772, 1 004 336 904, 1 004 336 911, 1 004 336 919, 1 004 336 923, 1 004 336 961

Partida / Starter: 0 001 107 003, 0 001 108 076, 0 001 108 099, 0 001 108 050, 0 001 108 059, 0 001 108 060, 0 001 108 077, 0 001 108 096, 0 001 108 127, 0 001 108 168, 0 001 111 001, 0 001 111 005, 0 001 106 409, 0 001 108 005, 0 001 108 021, 0 001 108 094, 0 001 108 095, 0 001 108 907, 0 001 108 121, 0 001 108 147, 0 001 108 190

Aplicação / Application: **LADA (SHIGULI):** Samara 1.3 / 1.5 / Fun, 110 1.5, Nova 1.7, Samara 1.1, **FIAT:** Tempra 2.0 I.E. S.W, Tipo / Type 1.8 / 2.0 / I.E. / 16v, **VOLKSWAGEN:** Golf 1.8 / Ii 1.8; Passat (Importado / Imported) 2.0, Golf II 1.8 GTi, Golf III 2.8 VR6, Jetta III 2.8 VR6, Passat 1.6 / 1.8 16V / 2.0 16V / 2.8 VR6, Transporter T4 2.0, **FORD:** Galaxy 2.8i V6, **PORSCHE:** 924 2.0 Turbo, 944 2.5 / 2.5 Turbo, **SEAT:** Toledo 2.0

Bosch **Equivalente /** Replace



UF - 1.127/4 4 escovas / *brushes*

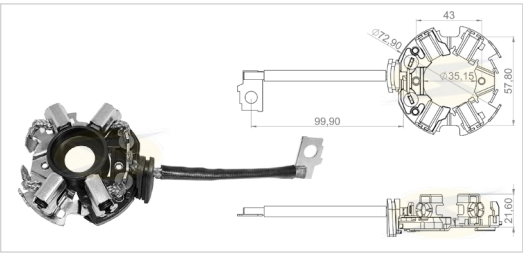
Especificações / Features: **12V**, **Tipo /** *Type*: **DW / DB** - Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L) **Giro Sentido Anti-horário / *Counter Clockwise Rotation*, Terminal saída lado esquerdo / *Left side terminal***

Equivalente / Replace: **BOSCH:** 1 004 336 800, 1 004 336 847, 1 004 336 884, 1 004 336 906, 1 004 336 926, 1 004 336 933, 1 004 336 958, 1 004 336 983, 1 004 336 990, 1 004 336 991, 1 004 336 257, 1 004 336 402, 1 004 336 408, 1 004 336 429, 1 004 336 440, 1 004 336 446, 1 004 336

Partida / Starter: 0 001 110 047, 0 001 110 059, 0 001 110 076, 0 001 110 086, 0 001 125 005, 0 001 125 011, 0 001 125 048, 0 001 125 018, 0 001125 042, 0 001 125 012, 0 001 109 011, 0 001 109 012, 0 001 110 001, 0 001 110 002, 0 001 110 009, 0 001 110 010, 0 001 110 014, 0 001 110 015, 0 001 110 018, 0 001 110 031, 0 001 110 033, 0 001 110 057, 0 001 110 062, 0 001 110 069, 0 001 110 070, 0 001 110 077, 0 001 110 081, 0 001 110 084, 0 001 110 087, 0 001 110 099, 0 001 110 118, 0 001 110 119, 0 001 124 001, 0 001 124 005, 0 001 124 006, 0 001 124 007, 0 001 124 011, 0 001 124 014, 0 001 125 001, 0 001 125 002, 0 001 125 006, 0 001 125 013, 0 001 125 016, 0 001 125 019, 0 001 125 031

Aplicação / Application: **AUDI:** A3 1.8 T, S3 Quattro, Tt Coupe / Tt Roadster 1.8t Quattro, S3 1.8 Quattro, 911 3.6 Carrera 4 / Carrera 4S / Targa / Targa 4, **PORSCHE:** 911 3.6 Carrera / Targa / Turbo, **SEAT:** Cordoba 1.9 Diesel / Turbo / Sdi / Tdi, Ibiza 1.9 Diesel / Turbo, Alhambra 2.8, **VOLKSWAGEN:** Passat (Importado / Imported) 2.8vr6, Golf Iv 1.9 / 2.3 / Tdi / V5 / 4 Motion / Variant, Transporter California / Caravelle / Multivan 1.9 / 2.4 **HYUNDAI:** Aerovan

Bosch **Equivalente /** Replace



UF - 1.128/4 4 escovas / *brushes*

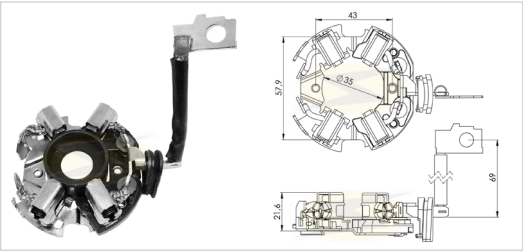
Especificações / Features: **12V**, **Tipo /** *Type*: **DW** - Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L) **Giro Sentido Horário / *Clockwise Rotation*, Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: **BOSCH:** 1 004 336 835, 1 004 336 908, 1 004 336 949, 1 004 336 361, 1 004 336 460, 1 004 336 463, 1 004 336 465, 1 004 336 802, 1 004 336 845, 1 004 336 848, 1 004 336 994

Partida / Starter: 0 001 108 182, 0 001 110 003, 0 001 110 026, 0 001 110 095

Aplicação / Application: **RENAULT:** Clio 1.0 I 8v / 1.6 I, Express, Extra, Rapid 1.6 / 1.7, Novo Scénic, Clio II 1.0i 8V, Express 1.6 Diesel

Bosch **Equivalente /** Replace



UF - 1.129/4 4 escovas / *brushes*

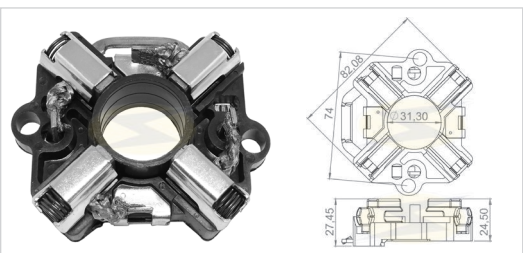
Especificações / Features: **12V**, **Tipo /** *Type*: **DW / DB** - Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L) **Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: **BOSCH:** 1 004 336 807, 1 004 336 826, 1 004 336 942, 1 004 336 959, 1 004 336 981, 1 004 336 996, **VALEO:** 187440

Partida / Starter: 0 001 109 021, 0 001 109 306, 0 001 110 011, 0 001 110 017, 0 001 110 025, 0 001 110 041, 0 001 110 079, 0 001 110 104, 0 001 109 036, 0 001 109 040, 0 001 110 029, 0 001 110 063, 0 001 124 015, 0 001 110 120, F 000 AL0 111, 0 001 109 014, 0 001 110 030, 0 001 110 072, 0 001 110 100, 0 001 110 106, 0 001 110 107, F 000 AL0 131, F 010 AL0 101, F 042 002 065

Aplicação / Application: **AUDI:** 80 1.9 Diesel Turbo / 1.9 TDI, A6 1.9 TDI / 1.9 TDI Avant / 4.2 V8 Quattro, A8 4.2 Quattro, S6 4.2, S8 4.2 Quattro, A6 / A8 Quattro 4.2, Cabriolet 1.9, S6 / S8 4.2, **BMW:** M5 3.8 / Touring, 530i 3.0 (1992-1995), 530i Touring 3.0 (1992-1996), 535i 3.5 (1996-2003), 540i 4.0 (1992-1995), 540i 4.4 (1996-2003), 540i 4.0 Touring (1993-1996), 540i Touring 4.4 (1997-2004), 730i/iL 3.0 (1991-1996), 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003), **FIAT:** Duna 1.7 D / Weekend, **FORD:** Courier 1.8 Diesel, Escort 1.8 - Express 55 / 75 / Cabrio / Turnier / Diesel / Turbo, Mondeo 1.8 Turbo, **IVECO:** Dailly, **JAGUAR:** Xj6 4.0, **MERCEDES-BENZ:** Sprinter 312 D / 410 D, **PEUGEOT:** 306 1.9 D, 405 1.9 D, **PORSCHE:** Boxter 2.5i, **RENAULT:** Safrane 2.2i, **LAND ROVER:** Defender 3.5, Discovery 3.9i V8, New Discovery 4.0i, Range Rover 3.5i / 3.9i / 3.9i Classic / 4.2 Vogue, Range Rover II 4.0i V8 / 4.6i V8, **VOLKSWAGEN:** Passat (Importado / Imported) 2.5 Tdi, **VOLVO:** 850 2.5 Glt, 960 3.0

Bosch **Equivalente /** Replace



UF - 1.131/4 4 escovas / *brushes*

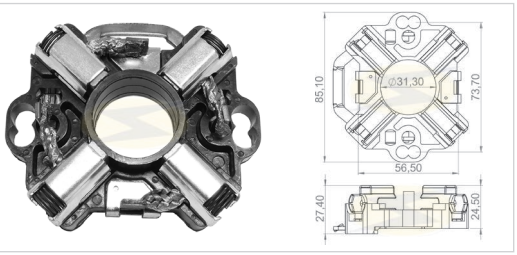
Especificações / Features: **12V**, **Tipo /** *Type*: **EV** - Escova / *Brush*: 7,5 x 18 x 17 mm (L x A x C / W x H x L) **Giro Sentido Horário / *Clockwise Rotation***

Equivalente / Replace: **BOSCH:** 9 003 334 314, 1 004 112 906, 1 004 112 907, **MBB:** 000 151 84 55, 000 151 68 55, **BMW:** 12 41 1 720 443, **AUDI/VW:** 069 911 115A

Partida / Starter: 9 000 331 411, 9 000 331 419, 9 000 331 432, 9 000 331 433, 0 001 218 128, 0 001 218 135, 0 001 218 004, 0 001 218 006, 0 001 218 009, 0 001 218 012, 0 001 218 013, 0 001 218 015, 0 001 218 016, 0 001 218 018, 0 001 218 019, 0 001 218 021, 0 001 218 023, 0 001 218 025, 0 001 218 029, 0 001 218 101, 0 001 218 103, 0 001 218 107, 0 001 218 115, 0 001 218 118, 0 001 218 126, 0 001 218 142, 0 001 218 152, 0 001 218 153, 0 001 218 158, 0 001 218 160, 0 001 218 161, 0 001 218 163, 0 001 218 176, 0 001 218 122, 0 001 218 011, 0 001 218 125, 0 001 218 137, 0 001 218 138, 0 001 218 140, 0 001 218 159, 0 001 218 165, 0 001 218 108, 0 001 218 168, 0 001 218 174, 0 001 218 177, 0 001 218 136, 0 001 218 157, 0 001 218 171, 6 003 AB1 J00, 0 001 218 172

Aplicação / Application: **OPEL:** Frontera 2.3 Td, Omega 2.3 D / Dt, **ALFA ROMEO:** Alfa 33 1.8 / Sw / Td, 155 2.5 Td, 164 2.5 Td, **CHRYSLER:** Voyager 2.5 Td, **ROVER:** 825 2.5 Td, **MERCEDES-BENZ:** Classe Sl 600 Coupe / Sec / V12 / Sel, Mb 100 D / 180 D, Sprinter 310 D / 312 D / 412 D, Sprinter 410D, 250 D Turbo Diesel, 300 D Turbo, **FIAT:** Ducato - 10 / 14 / 18 - 2.5 D / Dt / Egr / Eco / 4x4, **BMW:** 750 I / Il, 850 I / Ci / Csi, **CHEVROLET--GM:** S10 2.5 Diesel, Blazer 2.5 Diesel, **DODGE:** Dakota 2.5 D, **FORD:** F1000 HSD, Mondeo 1.8 Turbo Diesel, Courier 1.8 Diesel, Escort 1.8 - Express 55 / 7 5 / Cabrio / Turnier / Diesel / Turbo, Mondeo 1.8 Turbo Diesel, F-1000 / F-1000 Hsd, **IVECO:** Daily 10, **MARCOPOLO:** Volare, **PEUGEOT:** Boxer 2.5 Tdi, **RENAULT:** Express 1.6 Diesel, Extra 1.6 Diesel, Rapid 1.6, **LAND ROVER:** Defender / Discovery - 2.5 Tdi / Turbo / Diesel / Range Rover I - 2.5 Tdi Classic, Range Rover Ii 2.5, 825 2.5 TD, **SSANGYONG:** Musso 2.9 TD Intercooler, Musso 2.9 Diesel

Bosch **Equivalente /** Replace



UF - 1.132/4 4 escovas / *brushes*

Especificações / Features: **12V**, **Tipo /** *Type:* **EV** - Escova / *Brush*: 7,5 x 18 x 17 mm

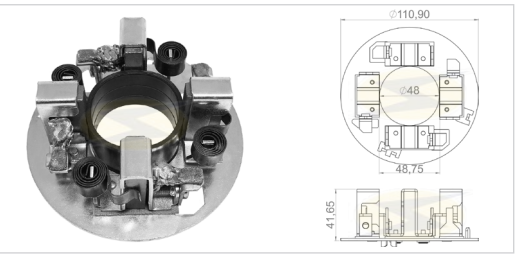
(L x A x C / W x H x L) **Giro Sentido Anti-horário / *Counter Clockwaise Rotation***

Equivalente / Replace: **BOSCH:** 9 003 334 341, 9 003 334 158

Partida / Starter: 0 001 218 116, 0 001 218 117, 0 001 218 148, 0 001 218 149, 0 001 218 104, 9 000 331 201, 9 000 331 203

Aplicação / Application: **IVECO:** Caminhões, **VOLKSWAGEN:** Transporter 2.4 Diesel.

Bosch **Equivalente /** Replace



UF - 1.136
UF - 1.136/2 2 escovas / *brushes*
UF - 1.136/4 4 escovas / *brushes*

Especificações / Features: **24V**, **Tipo /** *Type:* **JE** - Escova / *Brush*: 9 x 36 x 18 mm

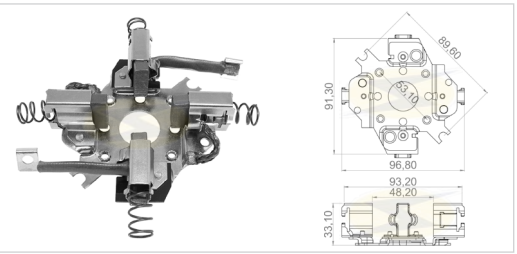
(L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 2 004 336 077, 2 004 336 078

Partida / Starter: 0 001 371 005, 0 001 371 009, 0 001 371 004, 0 001 371 006, 0 001 371 008, 0 001 371 007, 0 001 371 019

Aplicação / Application: **SCANIA:** DSI / 114 / P / R / T / DS / 1468 / 1469 / 1473 / 1474 / 1475 / 1478 / M / 1194 / 1198 / 1199 / 1174 / 1175 / 1176 / 1177 / 1178 / 1179 / RT 144-460 / 530, R-164-480 / 580 / DSC, 124-K / T / R-124 / T-124-360 / 400 / 420, P-114 / R114 / 340 / T-114 / 340, P124, P322, P360, P400, P420, R114, R124, R144, R164, R320, R322, R340, R360, R400, R420, R460, R480, R580, T114, T124, T144, T320, T322, T340, T360, T400, T420, T460, T480, T530, K124, K360, K420, **MERCEDES BENZ:** Actros 2553

Bosch **Equivalente /** Replace



UF - 1.150
UF - 1.150/2 2 escovas / *brushes*
UF - 1.150/4 4 escovas / *brushes*

Especificações / Features: **24V**, **Tipo /** *Type:* **JF / DD** - Escova / *Brush*: 7,5 x 25 x 17 mm

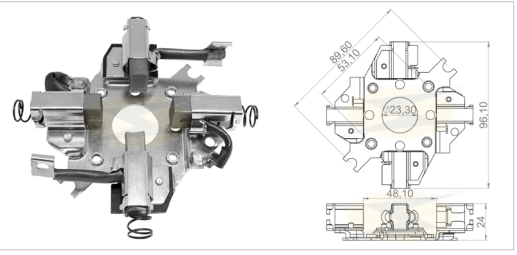
(L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 2 004 336 031, 2 004 336 046, **FIAT:** 79033665, **KHD:** 130 8847, **MAN:** 81 26216 0005

Partida / Starter: 0 001 368 306, 0 001 368 001, 0 001 368 069, 0 001 368 301, 0 001 368 309, 0 001 368 002, 0 001 368 005, 0 001 368 007, 0 001 368 009, 0 001 368 010, 0 001 368 012, 0 001 368 013, 0 001 368 016, 0 001 368 018, 0 001 368 019, 0 001 368 020, 0 001 368 021, 0 001 368 024, 0 001 368 027, 0 001 368 028, 0 001 368 030, 0 001 368 034, 0 001 368 035, 0 001 368 036, 0 001 368 038, 0 001 368 040, 0 001 368 055, 0 001 368 059, 0 001 368 063, 0 001 368 071, 0 001 368 085, 0 001 368 086, 0 001 368 300, 0 001 368 307, 0 001 368 082, 0 001 368 316

Aplicação / Application: **FIAT:** 70-10, 130, **RENAULT:** Séries: MIDLUM / SZM / 135 / 150 / 180 / 210 / 220 / 250 / 270 / 300 / CE / D / G / JE / M / ME / R / S / SE, **IVECO:** EuroCargo 135 E18 / 150 E21 / 320 E27, Séries: 60 / 75 / 80 / 90 / 110 / 120 / 130, **CASE:** Escavadeira 988, 900 - C/ MOTOR / W/ MOTOR 6T, **SCANIA:** P93H / 94 / 124 / 360 / 400 / 420, R124 / 144 / 164 / 360 / 400 / 420 / 460 / 480 / 530 / 580, T124 / 144 / 360 / 400 / 420 / 460 / 530, K124, L94/220, L94/260, L94/310, Séries: 93 / 94 / 124 / 164, **MERCEDES BENZ:** 817 LO, 1414, 1617, 1720 L, O - O 371 U, OF 1115 / 1315, OH 1315 / 1318, **GMC:** TRUCK, **DAF, DEUTZ, FORD, HANOMAG, IHC, KHD, MAGIRUS, VOLVO, WHITE**

Bosch **Equivalente /** Replace



UF - 1.151
UF - 1.151/2 2 escovas / *brushes*
UF - 1.151/4 4 escovas / *brushes*

Especificações / Features: **12V**, **Tipo /** *Type:* **JF / DD** - Escova / *Brush*: 9 x 16 x 17 mm

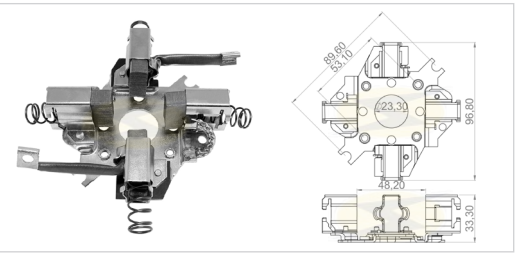
(L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 2 004 336 027, 2 004 336 041

Partida / Starter: 0 001 362 046, 0 001 362 081, 0 001 354 092, 0 001 362 020, 0 001 362 034, 0 001 362 036, 0 001 362 037, 0 001 362 039, 0 001 362 042, 0 001 362 045, 0 001 362 051, 0 001 362 058, 0 001 362 062, 0 001 362 069, 0 001 362 073, 0 001 362 077, 0 001 362 085, 0 001 362 093, 0 001 362 300, 0 001 362 303, 0 001 362 314, 0 001 362 321, 0 001 362 600, 0 001 362 700, 0 001 366 001, 0 001 366 003, 0 001 366 006, 0 001 366 009, 0 001 366 014, 0 001 366 021, 0 001 366 024, 0 001 366 026, 0 001 366 029, 0 001 362 104, 0 001 362 305, F 002 G20 108

Aplicação / Application: **KAEBLE:** 3 WT, WTV C/ Motor / W/ Motor, **PEUGEOT:** 504 - 2.3 Pick-Up Diesel, **IVECO:** 80-13, 90-13, 110-13, 130-13, **JOHN DEERE:** Máquinas diversas, **DEUTZ, IHC, KHD, MASSEY-FERGUSON, MERCEDES, NEW HOLLAND, AUDI, CASE, VOLVO (DIESEL)**

Bosch **Equivalente /** Replace



UF - 1.152
UF - 1.152/2 2 escovas / *brushes*
UF - 1.152/4 4 escovas / *brushes*

Especificações / Features: **12V**, **Tipo /** *Type:* **JF / DD** - Escova / *Brush*: 10 x 25 x 17 mm

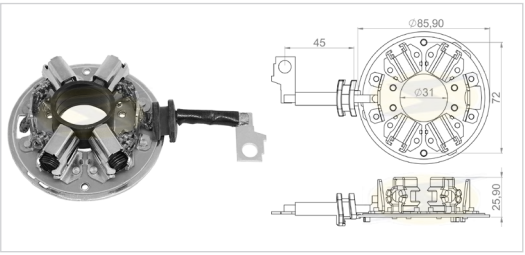
(L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 2 004 336 044, 2 004 336 028

Partida / Starter: 0 001 367 029, 0 001 367 001, 0 001 367 002, 0 001 367 003, 0 001 367 004, 0 001 367 005, 0 001 367 006, 0 001 367 007, 0 001 367 008, 0 001 367 009, 0 001 367 010, 0 001 367 011, 0 001 367 012, 0 001 367 013, 0 001 367 014, 0 001 367 015, 0 001 367 016, 0 001 367 018, 0 001 367 021, 0 001 367 022, 0 001 367 023, 0 001 367 024, 0 001 367 025, 0 001 367 027, 0 001 367 028, 0 001 367 030, 0 001 367 032, 0 001 367 034, 0 001 367 036, 0 001 367 039, 0 001 367 042, 0 001 367 044, 0 001 367 045, 0 001 367 046, 0 001 367 048, 0 001 367 050, 0 001 367 052, 0 001 367 055, 0 001 367 058, 0 001 367 063, 0 001 367 070, 0 001 367 076, 0 001 367 300, 0 001 367 054, 0 001 367 061, 0 001 367 303, F 002 G20 814

Aplicação / Application: **NEW HOLLAND:** Trator 8430 / 8630 / 8830 / 8000 / DT, **MERCEDES BENZ:** 613 L, 710, 712, 812 LO, 911, 1114 L, Unimog U1300 / U2150, **SCANIA:** Truck 93L, **DEUTZ, FORD, IHC, IVECO, JOHN DEERE, KHD, MACK TRUCK, MAGIRUS, MASSEY FERGUSON, RENAULT, VOLVO,**

Bosch **Equivalente /** Replace



UF - 1.162/4 4 escovas / *brushes*

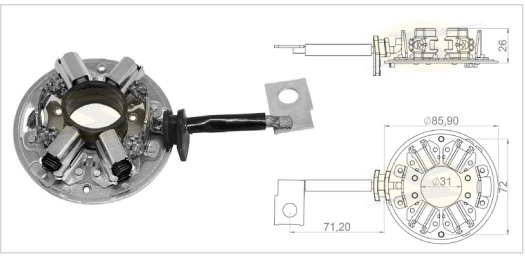
Especificações / Features: **12V**, **Tipo /** *Type:* **EV** - Escova / *Brush*: 6,1 x 22 x 15,5 mm (L x A x C / W x H x L) **Cabo curto / *Short cable***

Equivalente / Replace: **BOSCH:** 6 033 AD0 368, 6 033 AD1 244, 6 033 AD1 246

Partida / Starter: 0 001 223 003, 0 001 223 010, 0 001 223 013, 0 001 218 774, 0 001 218 174

Aplicação / Application: **IVECO:** City Class C/ Motor / W/ Motor 2.8 8140.43s (10.2005 →), Scudato C/ Motor / W/ Motor 2.8 8140.43s (10.2005→), Daily C/ Motor / W/ Motor 8140 (11.1997→), Daily 35 / 50 / C 9 / C 11 / C 13 / S 9 / S 11 / S 13, **FORD:** F 250 C/ Motor / W/ Motor Mwm 6.07 Tca - (03/1999→), **CITROEN:** Jumper 2.8 / 2.8 HDi / 2.8 T, **FIAT:** Ducato 2.5 D / 2.8 D / 2.8 D Turbo / 2.8 D Turbo Intercooler, Ducato Cargo 2.3 / 2.8 D / 2.8 D Turbo / Turbo Intercooler, Ducato Combianto 2.3, Ducato Maxi Cargo 2.3, Ducato Minibus 2.3, Ducato Multi 2.3, **PEUGEOT:** Boxer 2.8 D / 2.8 D Intercooler / 2.8 D Turbo / 2.8 HDi

Bosch **Equivalente /** Replace



UF - 1.164/4 4 escovas / *brushes*

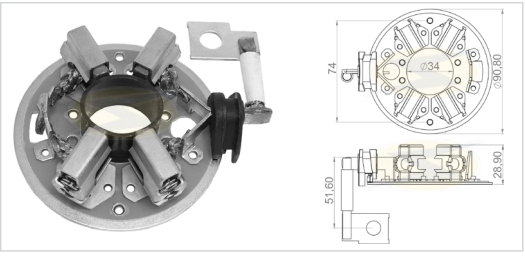
Especificações / Features: **12V**, **Tipo /** *Type:* **EV** - Escova / *Brush*: 6,1 x 22 x 15,5 mm (L x A x C / W x H x L) **Cabo longo / Long cable**

Equivalente / Replace: **BOSCH:** 6 033 AD0 216, 6 033 AD0 404, 6 033 AD0 409, 6 033 AD0 370, 6 033 AD1 250, 6 033 AD1 255, 6 033 AD0 161, 6 033 AD0 411, 6 033 AD1 259

Partida / Starter: 0 001 223 002, 0 001 223 004, 0 001 223 016, 0 001 223 021, 0 001 223 022, 0 001 223 505, 0 001 218 774, 93828721

Aplicação / Application: **ISUZU, CATERPILLAR, DEUTZ:** Motores Marítimos / Marine Engines Bf4l1011 (2.71l–2.732cc), F2l1011 (1.4l-1366cc), F3l1011 (2.0l-2049cc), F4l1011 (2.7l-2732cc), **FORD:** F1000, F 250, F-350 E F-4000 C/ Motor / W/ Motor Cummins 4btaa - (11/1998→), **IVECO:** Daily 35 / 50 C / S (Motores / Engines 9 8140.63.4000, 9 8140.63.4030, 9 8140.63.4000, 9 8140.63.4020 / S, 9 8140.63.4030, 11 8140.43c, 13 8140.43s, 11 8140.43c, 13 8140.43s, 11 8140.43c, 13 8140.43s), **KHD:** Motores / Engines F2l1011 (1.4l-1366cc) (1995), F3l1011 (2.0l-2049cc) (1995), F4l1011 (2.7l-2732cc) (1995), **NEW HOLLAND:** Tl 70 / 75 / 80 / 90 / 100 (09/1997→), **THOMAS EQUIPMENT:** Mini Carregadeiras / Skid Steers T243 Motor / Engine Deutz Bf4m1011f Dsl (1997→2000)

Bosch **Equivalente /** Replace



UF - 1.165/4 4 escovas / *brushes*

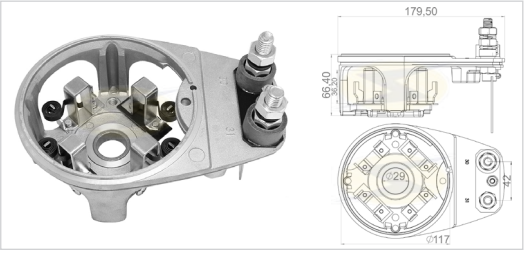
Especificações / Features: **24V**, **Tipo /** *Type:* **EV** - Escova / *Brush*: 6,5 x 25 x 16,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 6 033 AD0 130, 6 033 AD0 156, 6 033 AD0 161, 6 033 AD0 189, 6 033 AD0 380, 6 033 AD0 411, 6 033 AD0 471, 6 033 AD1 259, 6 033 AD4 026, 6 033 AD4 030, 6 033 AD4 054, 6 033 AD4 064, 6 033 AD4 093, 6 033 AD4 096, 6 033 AD4 107, 6 033 AD4 109, 6 033 AD0 128, 6 033 AD4 177, 9 003 334 359, 9 003 334 363, BSX190 191

Partida / Starter: 0 001 231 002, 0 001 231 003, 0 001 231 004, 0 001 231 005, 0 001 231 006, 0 001 231 007, 0 001 231 009, 0 001 231 010, 0 001 231 011, 0 001 231 012, 0 001 231 001, 0 001 231 008, 0 001 231 014, 0 001 231 017, 0 001 231 018, 0 001 231 019, 0 001 231 032, 0 001 231 033

Aplicação / Application: **VOLKSWAGEN , MERCEDES-BENZ:** Série 7T-712C, 9T-915 / 914C / LO, 12TL-L1218, 14TL-L1418, 16TL-L618M / L1622, 24T-2423, O-O500M / O500R / O500U, 1215 C, 1315, 1318, 1518, 1718 M, 1725, 1728, 1933, 2425, 2428, 2533, Accelo, Atego, Axor, Unimog U500, OF1417, OF1418, OF1722, OH1418

Bosch **Equivalente /** Replace



UF - 1.166

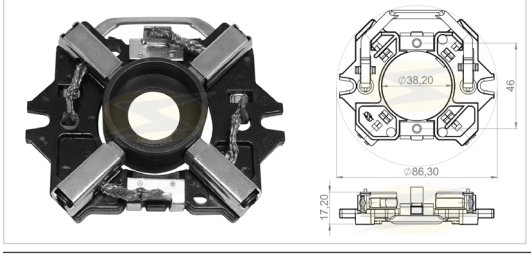
Especificações / Features: **24V**, **Tipo /** *Type:* **KB** - Escova / *Brush*: 12 x 36 x 27 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 2 005 855 110, 9 001 084 104

Partida / Starter: 9 000 084 007, 9 000 084 008, 9 000 084 009, 9 000 084 011, 9 000 084 012, 9 000 084 013, 9 000 084 014, 9 000 084 015, 9 000 084 016, 9 000 084 018, 9 000 084 020, 9 000 084 022, 9 000 084 023, 9 000 084 024, 9 000 084 026, 0 001 416 009, 0 001 416 036, 0 001 416 061, 0 001 416 071, 0 001 417 005, 001 417 023, 001 417 036, 001 417 042, 001 417 047, 001 417 055, 001 417 064

Aplicação / Application: **ATLAS COPCO:** Série Ax, **CASE:** Séries 800 / 2000 / 4000 / W, **CATERPILLAR:** Séries 631e / D8l / D / 100 / 900 / 3300, **CUMMINS:** Séries C / Ct / Cta / N, **DECAROLI:** Sl, **EL DETALLE:** Série Ao, **FIAT:** Série 190, **FIAT-ALLIS:** Séries Ad / Fd / Fg / Fr, **IVECO:** Série 180 / 190 / 240 / 260 / 440 / 450 / 619, **KOMATSU:** Séries A / D / Gd / R / Wa, Liebherr, **MAFERSA:** Série M, **MASSEY-FERGUSON:** Série Mf 4000, **MERCEDES-BENZ:** Séries 13t L / 14t L / 15t L / 19t L / 20t L / 22t L / 26t L / O / Oh, Mwm Diesel, **SCANIA:** Séries 112 / 113 / 142 / Br / Dn / Ds / Dsc / Dsi, **VOLKSWAGEN:** Séries 14t / 16t, **VOLVO:** Séries B7r / B10 / C10 / F80 / Fm10 / G / N10 / N12 / N80 / Nl10 / Nl12, Volvo Penta

Bosch **Equivalente /** Replace



UF - 1.174/4 4 escovas / *brushes*

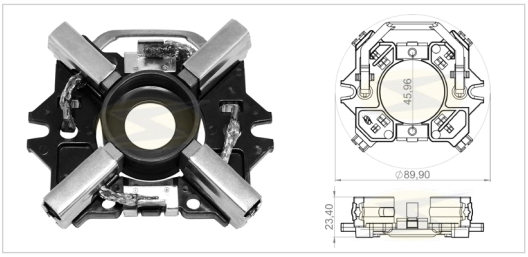
Especificações / Features: **12V**, **Tipo /** *Type:* **DD** - Escova / *Brush*: 7 x 10 x 15 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 102, 1 004 336 901, **AUDI/VW:** 049 911 209C

Partida / Starter: 0 001 208 702, 0 001 208 705, 0 001 208 706, 0 001 208 707, 0 001 208 708, 0 001 208 709-715, 0 001 208 717-719, 9 000 333 106, 9 000 333 114, 9 000 333 117, 91507478, 9150864580, 580239

Aplicação / Application: **MATRA, ALFA-ROMEU, BMW, FIAT, LANCIA, MERCEDES-BENZ, OPEL, SAAB, SEAT, AUDI:** 80 1.6 / 1.8 GTE Quattro, 100 1.8 / 1.8 Quattro, **CITROEN:** BX 19 1.9 GTi, CX 22 2.2, **FORD:** Taunus 1.3, **PEUGEOT:** 205 1.6, 309 1.9 GTi, 405 1.6 / 1.9i, 505 2.0, **RENAULT:** Clio 1.0 / 1.2, Espace 2.0, Fuego 2.0, Master 2.0, Mégane 1.4, R5 1.7 Super GTX, R11 1.1, R19 1.4, R25 2.0, Trafic 1.7 / 2.0, **TALBOT:** Solara 1.3 / 1.4 / 1.6, **VOLKSWAGEN:** Passat 1.6 / 1.8, Santana 1.6 / 1.8, **VOLVO:** 340 1.7, 440 1.6 / 1.8

Bosch **Equivalente /** Replace



UF - 1.175/4 4 escovas / *brushes*

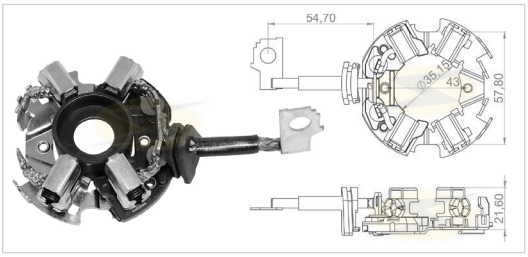
Especificações / Features: **12V**, **Tipo /** *Type:* **DD** - Escova / *Brush*: 7 x 16 x 15 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 100, 1 004 336 107, 1 004 336 900, Audi/VW: 068 911 209A, 068 911 209B, 068 911 209D

Partida / Starter: 0 001 312 108, 0 001 312 109, 0 001 317 007-013, 0 001 317 016-019, 0 001 317 022-025

Aplicação / Application: **VAUXHALL, TRANSPORTER, AUDI:** 80 1.6 D / 1.6 TD / 1.9 TDi, 90 1.6 TD, A3 1.9 TDi Quattro, A6 1.9 TDi Quattro, **CHEVROLET - GM:** Kadett, **FORD:** Courier 1.8 D, Escort III 1.6 D, Escort IV 1.6 D / 1.8 D, Fiesta IV 1.8 D, Mondeo 1.8 TD, **MAZDA:** 121 III 1.8 D, **OPEL:** Astra 1.7 TD, Vectra 1.7 D, **SKODA:** Superb 1.9 TDi, **VOLKSWAGEN:** Golf 1.5 D / 1.6, Jetta 1.6, Passat 1.6 D / 1.6 TD / 1.9 TD / 1.9 TDi, Transporter 2.4

Bosch **Equivalente /** Replace



UF - 1.194/4 4 escovas / *brushes*

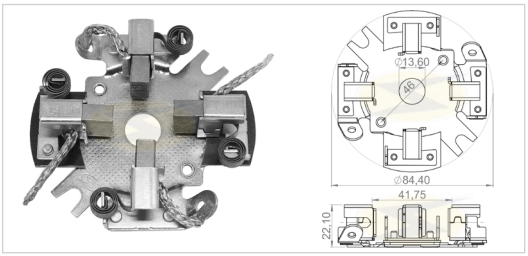
Especificações / Features: **12V**, **Tipo /** *Type:* **DW** - Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L) **Terminal saída lado esquerdo / *Left side terminal terminal***

Equivalente / Replace: **BOSCH:** 1 004 336 445, 1 004 336 836, 2 004 336 237

Partida / Starter: F 000 AL0 105, F 000 AL0 107, F 000 AL0 112, F 000 AL1 973, 0 001 109 018, 0 001 109 048, 0 001 109 306, F 000 AL0 117

Aplicação / Application: **IVECO, LANCIA, MERCEDES-BENZ, FIAT:** Strada 1.7 TDS / 1.9 D, **TROLLER:** T4-M, T4, Pantanal 2.8 Mwm Sprint, **CHEVROLET-GM:** S10 / Blazer 2.5 Diesel 4.07 Tca / 2.8 Diesel Sprint Mwm, **NISSAN:** Frontier / X-Terra C/ Motor / W/ Engine Mwm 2.8 Sprint (05.2004→), **AGRITECH / YANMAR:** BTD (05.2004→), Motor BTD22

Bosch **Equivalente /** Replace



UF - 1.197
UF - 1.197/2 2 escovas / *brushes*
UF - 1.197/4 4 escovas / *brushes*

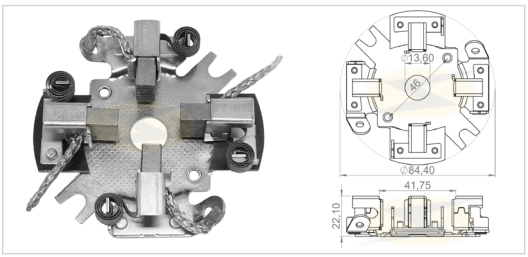
Especificações / Features: **12V**, **Tipo /** *Type:* **EF** - Escova / *Brush*: 7 x 16 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 046, 1 004 336 043

Partida / Starter: 0 001 312 103, 0 001 314 005, 0 001 314 018, 0 001 314 025, 0 001 314 026, 0 001 314 027, 0 001 314 032, 0 001 314 034, 0 001 314 036, 0 001 314 037, 0 001 314 038, 0 001 314 042, 0 001 314 043, 0 001 314 045, 0 001 314 046, 0 001 314 047, 0 001 314 048, 0 001 315 005

Aplicação / Application: **VOLKSWAGEN** 12 VOLTS (MÉXICO), **BMW:** 735i, 745i, **MERCEDES BENZ:** Classe SEL 500, Classe W124

Bosch **Equivalente /** Replace



UF - 1.198/2 2 escovas / *brushes*
UF - 1.198/4 4 escovas / *brushes*

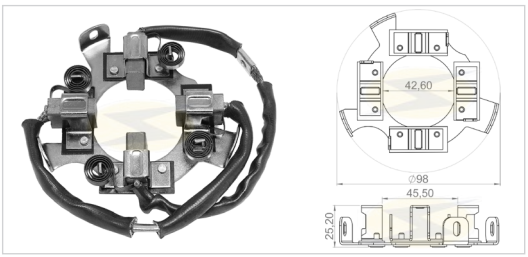
Especificações / Features: **6V**, **Tipo /** *Type:* **EF** - Escova / *Brush*: 7 x 16 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 027, 9 001 042 176

Partida / Starter: 0 001 207 003, 0 001 207 005, 0 001 207 009, 0 001 207 015, 0 001 207 018, 0 001 207 001, 0 001 207 016, 0 001 207 017, 0 001 207 019, 0 001 207 020

Aplicação / Application: **VOLKSWAGEN** 6 VOLTS (MÉXICO) Fusca 1200

Bosch **Equivalente /** Replace



UF - 1.201/4 4 escovas / *brushes*

Especificações / Features: **12V**, Escova / *Brush*: 8,8 x 19 x 22 mm (L x A x C / W x H x L)

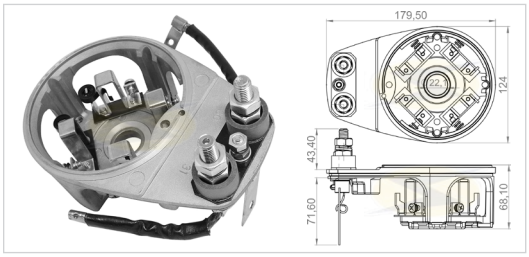
Quatro pólos isolados / *Four isolated poles*

Equivalente / Replace:

Partida / Starter: WAPSA: 12V

Aplicação / Application: Empilhadeira / *Forklift*, Plataforma / *Flatbed Trucks*, Guinchos Elétricos / *Electric Winch*

Bosch **Equivalente /** Replace



UF - 1.206

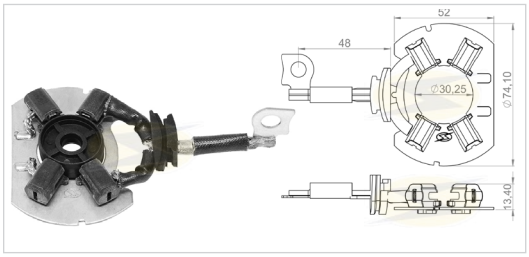
Especificações / Features: **24V**, **Tipo /** *Type:* **KB** - Escova / *Brush*: 12 x 36 x 27 mm (L x A x C / W x H x L) **BSX 60, Isolado / *Isolated***

Equivalente / Replace: **BOSCH:** 9 001 084 126

Partida / Starter: 9 000 084 011, 9 000 084 013

Aplicação / Application: Motores Estacionários E Marítimos / *Stationary And Marine Engines*, **SCANIA:** R112/316, T112/316, Motor marítimo DS14, BR116 S, F113, K113, L113, S113/204, S113/310

Bosch **Equivalente /** Replace



UF - 1.210/4 4 escovas / *brushes*

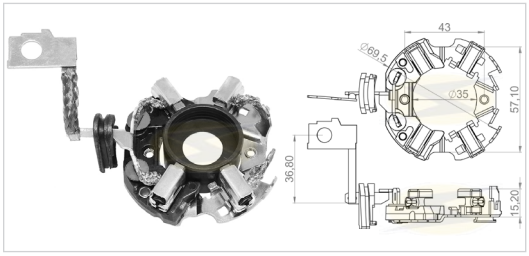
Especificações / Features: **12V**, **Tipo /** *Type:* **K1** - Escova / *Brush*: 4,5 x 8,7 x 10,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** F 000 CD1 203

Partida / Starter: F 000 CD0 900, F 000 CD0 9A3, F 000 CD0 901, F 000 CD0 902, F 000 CD0 903

Aplicação / Application: **CHEVROLET-GM:** Montana, **FIAT:** Fiorino 1.3 Fire, Doblo, Palio, Idea, Uno, Strada 1.4 / 1.6, Punto, Bravo, Grand Siena, Todos Motores / All Engines E.Torq

Bosch **Equivalente /** Replace



UF - 1.217/4 4 escovas / *brushes*

Especificações / Features: **12V**, **Tipo /** *Type:* **DW** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado direito / *Right side terminal***

Equivalente / Replace: **BOSCH:** F 000 AL1 171, 1 004 336 970

Partida / Starter: 0 001 107 075, F 000 AL0 106, F 000 AL0 118, 2810002080, 2810016230

Aplicação / Application: **TOYOTA:** Corolla 1.6i 16V Hatchback / Sedan / Wagon, Corolla 1.8i 16V / Sedan, Corolla / Fielder 1.8i 16V (08/1998→06/2002)

Bosch **Equivalente /** Replace

UF - 1.218/4 4 escovas / *brushes*

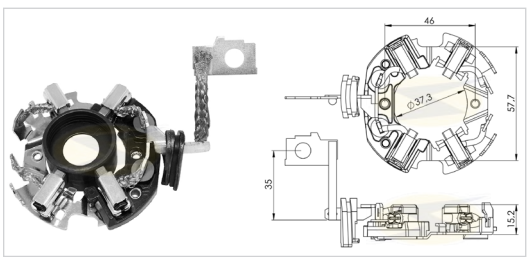
Especificações / Features: **12V**, **Tipo /** *Type:* **DW** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Terminal saída lado direito / Right side terminal**

Equivalente / Replace: **BOSCH:** 1 004 336 985, 2 004 336 212

Partida / Starter: 0 001 107 037, 0 001 107 048, 0 001 107 056, 0 001 107 072

Aplicação / Application: **ALFA ROMEO, AUDI, CITROEN, LANCIA, OPEL, PEUGEOT, RENAULT, SEAT, VAUXHALL, VOLKSWAGEN, MERCEDES BENZ:** 200 E, Classe C 180 / 180 T-Modell / 200 / 220 / 230 / 230 Kompressor / CLK 230 Kompressor, Classe E 190 2.3 / 200 / 200 T-Modell / 220 / 230, Classe ML 230, Classe SLK 230 Kompressor

Bosch **Equivalente /** Replace



UF - 1.219/4 4 escovas / *brushes*

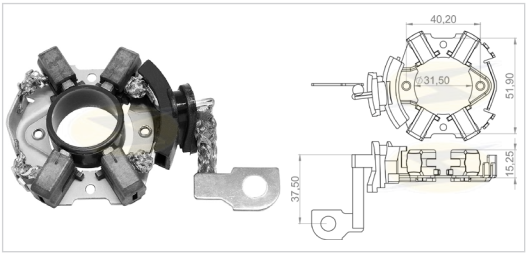
Especificações / Features: **12V**, **Tipo /** *Type:* **DM** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / W x H x L) **Base maior que UF-1.217/4 e UF-1.218/4 / Bigger then UF-1.217/4 and UF-1.218/4**

Equivalente / Replace: **BOSCH:** 9 001 081 094, 9 001 081 068, 9030731

Partida / Starter: 9 000 081 009, 9 001 081 009, F 000 AL0 300, F 000 AL0 305, F 000 AL1 094, 0 001 112 041

Aplicação / Application: **FIAT:** Elba 1.5 SPi, Fiorino Furgão 1.0 / 1.5 MPi / 1.5 SPi, Palio 1.0 MPi 8V / 1.5 / 1.5 MPi 8V (1996→2001), Palio Weekend 1.0 / 1.0 MPi 8V / 1.5 / 1.5 8V, Siena 1.0 / 1.0 MPi 8V / 1.5 / 1.5 MPi 8V, Strada 1.5 / 1.5 MPi 8V, Uno 1.5 SPi, Uno Mille 1.0 MPi / 1.0 SPi (1995→2001)

Bosch **Equivalente /** Replace



UF - 1.222/4 4 escovas / *brushes*

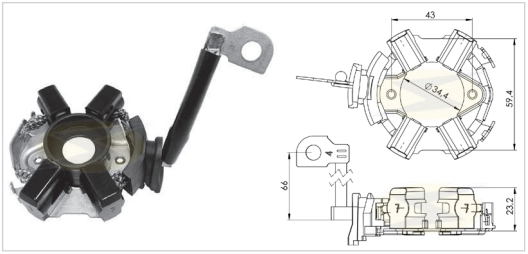
Especificações / Features: **12V, 1,1Kw - Tipo /** *Type:* **DB / LT** - Escova / *Brush*: 4,5 x 10 x 13 mm (L x A x C / W x H x L) **CCW - Sentido Anti-horário / Counter Clock Wise**

Equivalente / Replace: **BOSCH:** 1 004 336 526, 1 004 336 842, 1 004 336 879, 1 004 336 957, 1 004 336 506, 1 004 336 637, 020911209B, 020911209F

Partida / Starter: 0 000 112 040, 0 001 107 025, 0 001 121 422, 0 001 120 400, 0 001 120 401, 0 001 120 402, 0 001 120 403, 0 001 120 404, 0 001 120 405, 0 001 120 406, 0 001 120 407, 0 001 120 408, 0 001 120 409, 0 001 120 410, 0 001 120 411, 0 001 120 412, 0 001 120 440, 0 001 121 402, 0 001 121 403, 0 001 121 408, 0 001 121 409, 0 001 121 410, 0 001 121 411, 0 001 121 412, 0 001 121 413, 0 001 121 423, 0 001 121 427, 0 001 121 428, 0 001 121 443, 0 001 121 444, 0 001 107 017, 0 001 107 018, 0 001 121 001, 0 001 121 002, 6G9N11000LB

Aplicação / Application: **AUDI:** A3 1.4 Tfsi / 1.6 / 1.6 Sportback, A3 1.8 Tfsi / Quattro / Sportback, A3 2.0 Fsi Sportback / Tfsi / Quattro / Tfsi Sportback / Quattro / Tfsi, Tt 2.0 Tfsi / Quattro, A4, **BMW:** X1, **FIAT:** Bravo 1.8 16V, Palio III 1.6 MPi 16V Flex, Palio IV 1.6 16V Flex, Palio Weekend III 1.6 Flex (2011), Linea 1.8 (E-Torq), Uno Fire, Strada 1.8 (2011), **FORD:** Mondeo, **LAND-ROVER:** Range Rover, **SEAT:** Cordoba 1.0 / 1.4 / 1.4 16V / 1.6, Ibiza 1.0 / 1.0 16V / 1.4 / 1.4 16V, Ibiza 1.8 Turbo Cupra R / 2.0, Altea 1.4 / 1.6 /1.8 / 2.0, Cordoba 2.0, Lenon 1.6 / 1.6 16v / 1.8 Tsi / 2.0 Fsi / 2.0 Tfsi, Toledo 1.6 / 1.8 Tfsi / 2.0 Fsi / 2.0 Tfsi, **SKODA:** Fabia 1.4 16V, Octavia 1.4 / 1.6 / 1.8 / 2.0 / 2.0 Fsi 4x4, Superb 1.4 / 1.8, **VOLKSWAGEN:** Eos 1.4 / 2.0, Golf V 1.4 Tsi / 1.4 Tsi Plus, Golf V 1.6 / 1.6 Plus / 1.6 Plus Multifuel, Golf V 2.0 / Fsi / Fsi 4 Motion / Fsi Plus / Gti, Golf Vi 1.4 Tsi / 1.6 / 1.6 Bifuel / 2.0 Tsi, Jetta 1.4 Tsi / 1.6 / 2.0 / 2.0 Fsi / 2.0 Tfsi / 2.5, Multivan 2.0, Passat 1.4 Tsi / 1.4 Tsi Ecofuel / 1.6 Fsi / 1.8 Tsi / 2.0 Fsi / 2.0 Fsi 4 Motion, Polo 1.8 Gti / 1.8 Gti Cup Edition, Sirocco 1.4 / 2.0, Touran 1.4 / 2.0, Polo 1.4, Polo 1.6

Bosch **Equivalente /** Replace



UF - 1.223/4 4 escovas / *brushes*

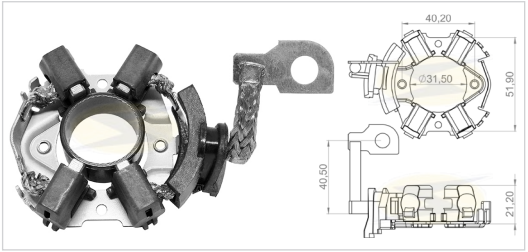
Especificações / Features: **12V, 3,0 Kw - Tipo /** *Type:* **LT e PDM -** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 518, 1 004 336 586, 1 004 336 599, 6 004 AE0 016

Partida / Starter: 0 001 109 300, 0 001 109 301, 0 001 109 306, 0 001 109 307, 0 001 109 309, 0 001 109 310, 0 001 109 330, F 004 A94 008, F 004 A94 011, F 000 AL0 111, F 000 AL0 128, F 000 AL0 129, F 000 AL0 130, F 000 AL0 133, F 000 AL0 138, F 000 AL0 139, F 000 AL0 142, F 000 AL0 143, 900008328, 9000083054, 0 001 125 625, 0 001 125 626, F 000 AL0 150

Aplicação / Application: **FIAT:** Ducato Multijet 2.3, **FORD:** Cargo Eletronic 715, 815,1317, 1517, 1717, 1722, 2422, 2428, F-250 Cummins 4cc 3.9 Eletronico / Electronic (2006→2011), F-4000 Cummins (2010→), **IVECO:** Daily, **TOYOTA:** Hilux / Sw4 2.5 / 2.8 / 3.0 Diesel (2002 →), Bandeirantes – Motor / Engine Om 352 / 364, **MERCEDES-BENZ:** Caminhão / Truck L608d / 709 / 710 / 712 / Lo 809 / Lo 812 / Lo 814 / 912 / 914 / L 1013 / L 1111 / L 1113 / L 1114 / L 1116 / L 1117 / L 1214 / L 1218 / L 1313 / L 1314 / L 1316 / L 1317 / L 1318 / L 1418 / L 1513 / L 1516 / L 1517 / L 1518 / L 1620 / 1714 / 1718 / 1720 / 1721 / 1722 / 1723 / L 2013 / L 2014 / L 2016 / L 2213 / L 2214 / L 2216 / L 2217 / L 2218 / 2418 / O362 / 365 / Om 366 C/ Motores / W/ Engine Om 314 / Om 364 / Om 352, Onibus / Bus O364 – Motor / Engine Om352/ 352ª, Caminhões / Trucks 1316, 1513, **NEW HOLLAND:** Colheitadeira / Combine Fnh 8040, 8255

Bosch **Equivalente /** Replace



UF - 1.224/4 4 escovas / *brushes*

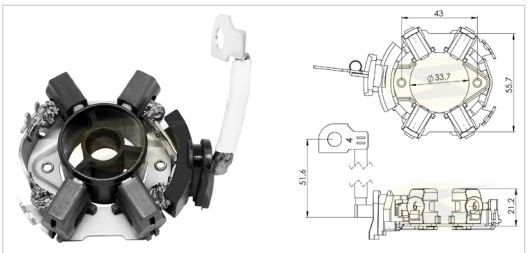
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **LT** Escova / *Brush*: 5 x 16 x 13,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 530

Partida / Starter: 0 001 108 401, 0 001 108 411, 0 001 108 412, 6G9N11000CC, 6G9N11000CD, 30667299, 36000041, 82667299

Aplicação / Application: **CITROEN, PEUGEOT, BMW, FIAT:** Ducato, **VOLVO:** S60 II T6 AWD, S80 II 3.2, V60 3.0 T6 AWD, XC60 T6 AWD, XC70 II 3.2 AWD, XC70 II T6 AWD, XC90 I 3.2 AWD, XC90 I 3.2 FWD, S80 3.0I (2008), S80 3,2l T6 Awd (2007→2008), V70 Iii 3.2l, Awd 2008, Xc60 T6 Awd 3.2, Xc70 3.2l (2008), Xc90 3.2l (2007→2008)

Bosch **Equivalente /** Replace



UF - 1.225/4 4 escovas / *brushes*

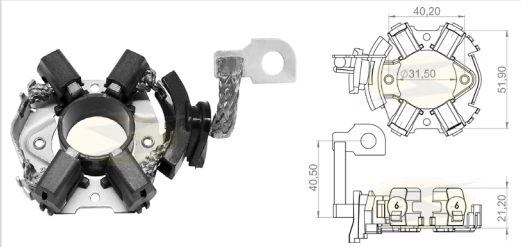
Especificações / Features: **12V, 1,8KW - Tipo /** *Type:* **LT** Escova / *Brush*: 5 x 16 x 13,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 228, 1 004 336 533, 1 004 336 566, 1 004 336 577, 1 004 336 579, 1 004 336 638, 1 004 336 770, 9949601, 0011514214, 0011515414, A0011514214, A0011515414, **DELCO:** 1004336770

Partida / Starter: 0 001 108 222, 0 001 108 223, 0 001 107 107, 0 001 151 4214, 0 001 108 157, 0 001 108 190, 0 001 108 196, 0 001 108 204, 0 001 108 208, 0 001 108 209, 0 001 108 211, 0 001 108 212, 0 001 108 213, 0 001 108 214, 0 001 108 231, 0 001 108 234, 0 001 108 235, 0 001 108 236, 0 001 108 239, 0 001 108 240, 0 001 108 245, 0 001 108 247, 0 001 108 460, 0 001 108 462, 0 001 138 054

Aplicação / Application: **LANCIA:** JTD, **ALFA ROMEO:** Alfa 159 1.9 JTDM 8V, MiTo 1.6 JTDM, **AUDI:** A8 6.0 Quattro, Q7 4.2 FSi, RS6 5.0 Quattro, S6 5.2 Quattro, S8 5.2 Quattro, **BMW:** 316i 1.6, 318 ti, 318i, 320i, 323 Ci, 323 ti, 323i / Touring, 325i / Cabrio, 328i, 525i, 530i 3.0, 540i 4.0, 545i 4.4, 550i 4.8, 645 Ci 4.4, 650i 4.8, 728i 2.8, 735i 4.0, 740i 4.0, X5 3.0i / 4.4i / 4.8i / Drive 48i, Z3 1.9 / 3.0i, Z4 2.2i, **FIAT:** Brava, Bravo, Doblò 1.9 JTD, Punto 1.9 JTD, Strada 1.9 D, **MERCEDES BENZ:** Classe A 160 1.7 CDi / 170 1.7 CDi, Classe B, Classe C 55 5.4 AMG / 240 2.4 / 280 2.8 / 320 3.0 CDi / 350 3.0 CDi, Classe CL 55 5.4 AMG Kompressor / 500 5.0, Classe SLR 5.4, Vaneo 1.7 CDi, Viano 3.0 CDi, Vito 120 3.0 CDi, **MINI:** Cooper 1.6 Clubman / Roadster, One 1.6 Countryman, **OPEL:** Vectra B 2.2i 16V, Zafira B 2.2, **PORSCHE:** 968, **SAAB:** 9-3 1.9 TTiD, **VOLKSWAGEN:** Touareg 4.2 V8 FSi

Bosch **Equivalente /** Replace



UF - 1.226/4 4 escovas / *brushes*

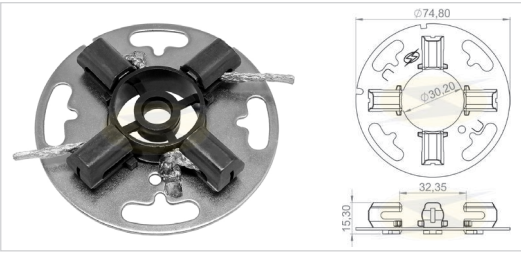
Especificações / Features: **12V, 1,4KW - Tipo /** *Type:* **LT** Escova / *Brush:* 5 x 16 x 13,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 530, 1 004 336 631, 1 004 336 707, 1 004 336 631, 1 004 336 707

Partida / Starter: 0 001 108 400, 0 001 108 401, 0 001 108 411, 0 001 108 412, 0 001 108 444, F 000 AL0 903, 751539003, 751539103, 9648111680

Aplicação / Application: **BMW, CITROEN, PEUGEOT ,VOLVO:** S60 II T6 AWD, S80 II 3.2, V60 3.0 T6 AWD, XC60 T6 AWD, XC70 II 3.2 AWD, XC70 II T6 AWD, XC90 I 3.2 FWD, **MERCEDES BENZ:** R 500 4MATIC, Sprinter 311 CDI / 415 CDI, XC90 I 3.2 AWD, **FIAT:** Ducato 2.0 JTD

Bosch **Equivalente /** Replace



UF - 1.227/4 4 escovas / *brushes*

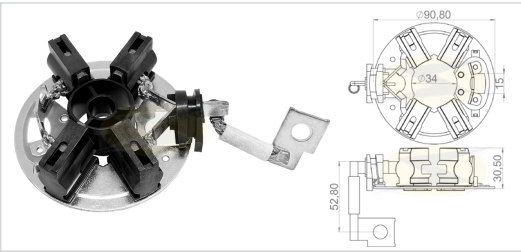
Especificações / Features: **12V, Tipo /** *Type:* **CDS** Escova / *Brush:* 4,5 x 8,5 x 11 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** F 000 CD1 042

Partida / Starter: F 000 CD0 001, F 000 CD0 002, F 000 CD0 003, F 000 CD0 9A0, F 000 CD1 020, 51876031

Aplicação / Application: **RENAULT:** Duster, Logan 1.6 / Mcv, Scenic 1.6, Megane 1.6, Sandero, Todos / All 1.0 (2006→), **FIAT:** Doblo 1.3 Mpi 16v, Idea 1.4 / Flex, Fiorino Furgao 1.3 Mpi 8v / Flex, Palio 1.0 / 1.3 / 1.4 / Mpi 8v / 16v / Flex / Fire / Weekend, Punto 1.4 / Flex, Siena 1.0 / 1.3 / 1.4 / Mpi 8v / 16v / Flex / Fire, Strada 1.3 / 1.4 / 1.6 / Fire / 8v, Uno (Novo / New) / 1.3 / Fire / Mille 1.0 / Flex, **DACIA:** Duster, Logan, Logan Mcv, Sandero

Bosch **Equivalente /** Replace



UF - 1.233/4 4 escovas / *brushes*

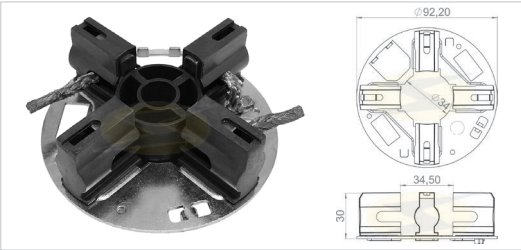
Especificações / Features: **24V, 5,5Kw - Tipo /** *Type:* **HEF95-L24V** Escova / *Brush:* 5,5 x 28 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 6 033 AD4 054, 6 033 AD4 194, 6 033 AD5 016, 6 033 AD5 128, 6 033 AD5 179, 6 033 AD5 194, 6 033 AD5 316, 6 033 AD4 212, 6 033 AD4 016, F 042 050 027

Partida / Starter: 0 001 231 033, 0 001 241 001, 0 001 241 003, 0 001 241 005, 0 001 241 014, 0 001 241 015, 0 001 241 019, 0 001 241 020, 0 001 161 002, 0 002 242 002, 0 001 231 011, 0 001 231 016, 0 001 231 039, 0 001 231 046, 0 001 231 133, 0 001 231 146, 0 001 231 004, 0 001 241 016, 0 001 241 128, F 042 002 135

Aplicação / Application: **SCANIA:** G380 / 420, R230 / 270 / 310 / 340 / 380 / 420 / 470 / 480, K270 / 310 / 340 / 380 / 420, (2000→), T 340 Dc 11.08 Euro 3 / T 380 Dc 11.09 Euro 3, T 420 Dc 12.14 Euro 3 / T 420 Dt 12.11 Euro 4, T 470 Dt 12.06 Euro 3, P 230 Dc 9.13 Euro 3 / P 270 Dc 9.12 Euro 3 / P 310 Dc 9.11 Euro 3 / P 340 Dc 11.08 Euro 3 / P 380 Dc 11.09 Euro 3 / P 420 Dc 12.14 Euro 3, P 230 Dc 9.16 Euro 4 / P 270 Dc 9.17 Euro 4 / P 310 Dc 9.18 Euro 4 / P 340 Dc 12.10 Euro 4 / P 380 Dc 12.13 Euro 4, P 380 Dc 12.18 Euro 5 / P 480 Dt 12.17 Euro 4, P 420 Dc 12.15 Euro 5, P 420 Dt 12.12 Euro 4, P 470 Dt 12.06 Euro 3, T 340 Dc 11.08 Euro 3 / T 380 Dc 11.09 Euro 3t 420 Dc 12.14 Euro 3 / T 420 Dt 12.11 Euro 4, T 470 Dt 12.06 Euro 3, R 380 10.6, P 230 8.9, P 230 8.9, R 470 11.7, T 470 11.7, R 420 11.7 **KAMAZ:** 18t 5460 740.50-360 Euro 2, 27t 6520 740.51-320 Euro 2, **MERCEDES BENZ:** Actros 2546 BlueTec / 2646 BlueTec / 4144 BlueTec, Atron 1635, Axor 2036 / 2041 / 2536 / 2541 / 2641 / 3341 / 3344 / 4141, O500 MA / MDA / RSD / UA / UDA, **VOLVO:** B7R

Bosch **Equivalente /** Replace



UF - 1.235/4 4 escovas / *brushes*

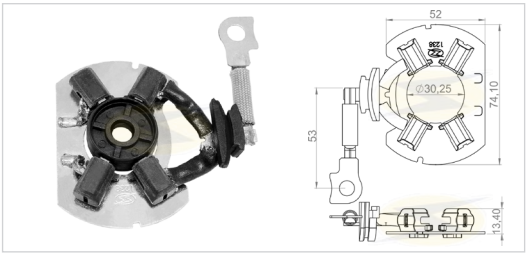
Especificações / Features: **24V, 5,5Kw - Tipo /** *Type:* **HEF95-L24V** Escova / *Brush:* 6,5 x 28 x 18 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 2 004 336 100

Partida / Starter: 0 001 261 001, 0 001 261 002, 0 986 021 480, 0 001 251 009, 0 001 261 025, 0 001 250 001, 0 001 250 002, 0 001 161 002, 0 001 261 003, 0 001 261 004, 0 001 261 013, 0 001 261 021, 0 001 261 026, 0 001 263 019, 0 001 263 021, 5801381129, 5801577137, 2031368, 20313686146

Aplicação / Application: **SCANIA:** Series P / G / R / T (Motores Eletrônicos / Eletronic Engines) G 230 / G 230 E P 230 (2006→2007) / G 270 / P 270 / G 270 / P 270 E R 270 2004 / 1 / 9, G 310 / P 310 / G 310 E P 310 2004 / 09 / 01, G 340 / P 340 / G 340 E P 340 2004 / 08 / 01, G 340 / P 340 / R 340 / G 340 E R 340 2006 / 8 / 1, G 380 / P 380 / G 380 E P 380 2004 / 08 / 01, G 380 / P 380 E R 380 (2005→2008), G 420 / G 420 E R 420 2008 / 1 / 1, G 420 / P 420 E R 420 (2004→2005), G 420 E R 420 2008 / 1 / 1, G 480 E R 480 (2008), P 230 (2006→2008), P 230 E R 230 (2004→2006), P 270 E R 270 (2004→2006), P 280 / P 310 (2006→2008), P 310 E R 310 (2004→2006), P 340 (2004→2006), P 340 E R 340 (2004→2006), P 380 (2004→2006), P 380 E R 380 (2004→2006), P 420 2004 / 09 / 01, P 420 E R 420 (2004→2006), P 470 E R 470 (2004→2005), P 480 E R 480 E R 340 2004 / 3 / 1, R 380 2004 / 3 / 1, R 380 2004 / 9 / 1, R 400 2008 / 3 / 1, R 420 / 440 R 2008 / 03 / 01, R 470 2004 / 1 / 4, R 480 2006 / 1 / 8, T 470 (2004→2005), K310, **DAF:** XF105.460, XF105.510

Bosch **Equivalente /** Replace



UF - 1.238/4 4 escovas / *brushes*

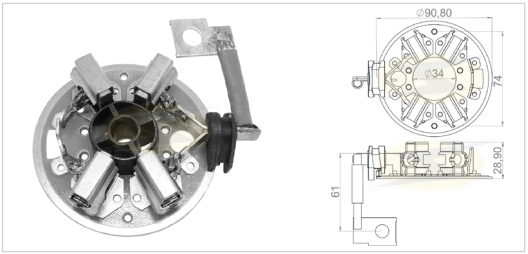
Especificações / Features: **12V, Tipo /** *Type:* **K1** Escova / *Brush*: 4,5 x 8,7 x 10,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** F 000 CD1 285

Partida / Starter: F 000 CD0 800, F 000 CD0 A0, 51888975, 51865316, F000CD0801, F000CD0802

Aplicação / Application: **VOLKSWAGEN:** Gol, Voyage 1.0 / 1.6, Polo, Saveiro, Fox, Spacefox 1.0 / 1.6, Golf 2.0

Bosch **Equivalente /** Replace



UF - 1.239/4 4 escovas / *brushes*

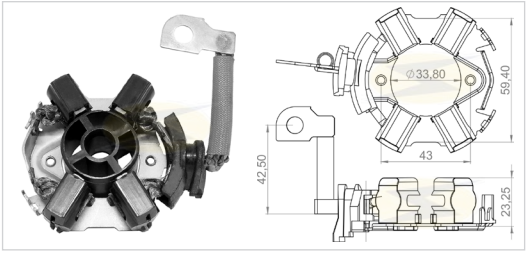
Especificações / Features: **12V, 3,0Kw - Tipo /** *Type:* **PLGR 230 SERIES EV** Escova / *Brush*: 6,5 x 25 x 16,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 6033AD0166, 6033AD0374, 6033AD2022, 6033AD3042, 6033AD3328, E 9003334368, 6033AD4054, 6 033 AD0 216, 6 033 AD0 370

Partida / Starter: 0001230002, 0001230003, 0001230004, 0001230005, 0001230006, 0001230007, 0001230008, 0001230009, 0001230011, 0001230018, 0001230020, 0001230021, 0001230022, 0001230023, 0001230025, 0001230026, 0001230027, 500338952

Aplicação / Application: **VOLKSWAGEN, FUCHS, LIEBHERR, DEUTZ, VOLVO, MERCEDES-BENZ, NEW HOLLAND:** Trator TL70 / TL80 / TL90 / TL100, **JOHN DEERE:** Combine 2254 / 4045 / 5410 / 5415 / 5420 / 5510 / 5615 / 5715 / 6205 / 6505 / 6520 / 6620 / 6820 / 6920 / 6510 / 6520 / 6605 / 6610 / 6615 / 6620 / 6715 / 6810 / 6820 / 6910 / 6920 / 7220 / 7320 / 7420 / 7520 (Motores / Engines Jd6068 2001→2006), Re501910, Re508815, Re508818, **FORD:** F4000, F12000, F14000, F16000, F350, Caminhão / Truck Série 21, Série 7t-712c, 9t-915 / 914c / Lo, 12tl-L1218, 14tl- L1418, 16tl-L618m / L1622, 24t-2423, O-O500m / O500r /O500u, **CASE:** Ih 82035765, **IVECO:** Vertis 90 V16 / 90 V18 / 130 V18 / 130 V19, 9971889, **RENAULT:** 5001855189, **KHD:** 1319759 / 1319875

Bosch **Equivalente /** Replace



UF - 1.240/4 4 escovas / *brushes*

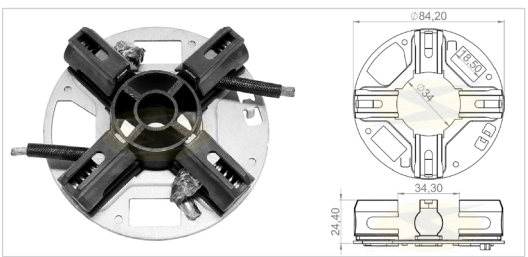
Especificações / Features: **24V, Tipo /** *Type:* **HX87- M** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace:

Partida / Starter:

Aplicação / Application: Motor Cummins Eletronico / Cummins Eletronic Engine

Bosch **Equivalente /** Replace



UF - 1.245/4 4 escovas / *brushes*

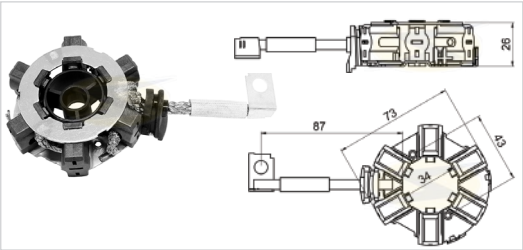
Especificações / Features: **24V, 1,5Kw - Tipo /** *Type:* **HX87- M** Escova / *Brush*: 6,1 x 22 x 17,3 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** F002G20731

Partida / Starter: F 002 G20 904, BC 4511001 BA, BC 45Z1001 BA

Aplicação / Application: **FORD:** Cargo C 1317 / 1319 / 1517 / 1519 / 1717 / 1719 / 1722 / 1723 / 2422 / 2423 / 2428 / 2429 / 2622 / 2623 / 2626 / 2629 / 816 / 1119 / 1319 / 1519 / 1719 / 1729 / 1723 / 2423 / 2429 / 2623 / 2629 / 1317 / 1517 / 1717 / 1722 / 2422 / 2626 / 2628 / 2622 / 2626, **MERCEDES BENZ:** Caminhões eletrônicos diversos, **MOTOR CUMMINS** ELETRÔNICO / CUMMINS ELETRONIC ENGINE 24V Motor ISC 4.5L E 6.7L (2010→)

Bosch **Equivalente /** Replace



UF - 1.251/6 6 escovas / *brushes*

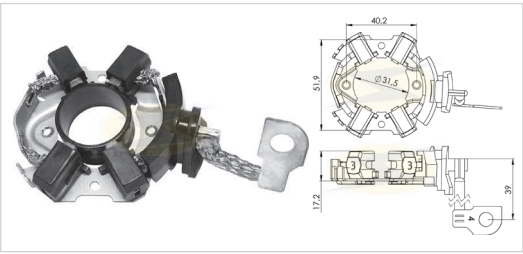
Especificações / Features: **12V, Tipo /** *Type:* **START/STOP** Escova / *Brush:* 5,5 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 612, 1 004 336 649, 1 004 337 145, 0011516714, A0011516714, 1004336674, 1004336695, 1004337153, **FIAT:** 77365121

Partida / Starter: 0001136002, 0001136003, 0001137001, 0001137002, 0001137003, 0001137004, 0001137005, 0001137006, 0001137011, 0001137012, 0001138001, 0001138002, 0001138009, 0001138010, 0001138017, 0001138018, 0001138019, 0001138020, 0001138043, 0001138044, 0001138045, 0001138046, 0001138051, 0001138052, 12417550975, 12417567788, 12417589350, 12417589352, 12417589354, 12417589355, 12417589356, 12417610342, 12417610349, 55572440, 06E911021D, F000al0159, 06E911021DX, 0 001 139 001, 0 001 139 002, 0 001 139 005, 0 001 139 006, 0 001 139 015, 0 001 139 016, 0 001 139 025, 0 001 139 026, 0 001 139 047

Aplicação / Application: **AUDI:** A3, A4, A5, A5 3.2 Tsi, A6, A7, A7 3.0 Tfsi, Q5, **BMW:** 116d 2.0, 118d 2.0 xDrive,120d 2.0, 218d 2.0, 220d 2.0, 316d 2.0, 320d 2.0, 525d 2.0, 530d 3.0 xDrive, 535d 3.0 xDrive, X3 3.0 xDrive, X5 3.0 xDrive, X6 3.0 xDrive, 116i, 118i, 120i, 125i, 220i, 228i, 316i, 318i, 320i, 328i, 335i, 420i, 428i, 435i, 520, 528i, 640i, X1, X3, Z4, **CHEVROLET-GM:** Aveo, Cruze, Orlando, Trax Awd, **CITROËN:** Berlingo, C3 Picasso, C4, C4 Picasso, C4 Grand Picasso, C5, C5 Break, Ds3, **HYUNDAI:** I20, I30, I30cw, I40, Ix20, Ix 35, Veloster, **KIA:** Cee'd, Rio, Soul, Sportage, Venga, **MINI:** Cooper, Cooper S, John Cooper Works, One, **MINI CLUBMAN:** Cooper, Cooper S, One, **MINI CLUBVAN:** Cooper, One, **MINI COUNTRYMAN:** Cooper, Cooper S, Cooper S All4 / Jcw, **OPEL:** Adam, Astra J, Cascada, Corsa, Insignia, Meriva, Mokka 4x4, Mokka Turbo, Zafira, **PEUGEOT:** 207, 207 Cc / Sw, 308, 308 Cc / Sw, 3008, **VOLKSWAGEN:** Fusca Tsi, Golf Tsi, Golf Gti, Eos, Passat Cc **FORD:** F350, **RENAULT:** Captur 1.5 Dci 90, Clio 1.5 Dci 90, Clio 1.5 Dci 90 / IV Grandtour, Grand Scenic III 1.5 Dci, Kangoo 1.5 Dci, Megane III Grandtour 1.5 Dci / Halvkombi 1.5 Dci, **NISSAN:** Juke 1.5 Cdi, Note (E12) Dci, Pulsar (C13) Dci, Qashqai (J11) Dci, **ALFA ROMEO:** Giulietta 2.0 JTDM, **FIAT:** Doblò 2.0 D, **JEEP:** Cherokee III 2.8 CRD, Wrangler III 2.8 CRD, **MERCEDES BENZ:** Citan 109 Cdi, Sprinter 209 2.1 CDi, Sprinter 211 2.1 CDi, Sprinter 213 2.1 CDi, Sprinter 215 2.1 CDi, Sprinter 309 2.1 CDi, Sprinter 311 2.1 CDi, Sprinter 313 2.1 CDi, Sprinter 315 2.1 CDi, Sprinter 411 2.1 CDi, Sprinter 415 2.1 CDi, Sprinter 509 2.1 CDi, Sprinter 511 2.1 CDi, Sprinter 515 2.1 CDi, Sprinter 906 2.2 TDi

Bosch **Equivalente /** Replace



UF - 1.256/4 4 escovas / *brushes*

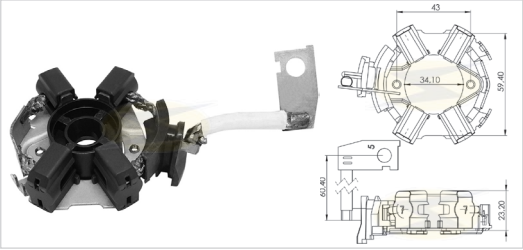
Especificações / Features: **12V, 1,1Kw - Tipo /** *Type:* **DB / LT** Escova / *Brush:* 4,5 x 12 x 13 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 320 164, 1 004 320 201, 1 004 336 519, 1 004 336 542, 1 004 336 655, 1 004 336 718, 1 004 336 866, 1 004 336 887, 1 004 336 896, BSX184-185, **VOLKSWAGEN:** 02M 911 209 C, **DELCO:** 1004336519

Partida / Starter: 0AH 911 023

Aplicação / Application: **AUDI:** A1 2.0 TFSi Quattro, A3 1.8 TFSi Sportback, Q3 2.0 TFSi Quattro, TT 2.0 TFSi Coupé Quattro, **SEAT:** Ibiza IV, **VOLKSWAGEN:** Eos 2.0 FSi, Jetta 2.0 Total Flex / 2.0 TSi / 2.5 / 2.5 Variant, Passat 2.0 FSi / 2.0 TSi / 2.0 TSi Variant, Tiguan 2.0 TSi 4Motion. Golf V/VI, Multivan V, Polo, Touran, Transporter

Bosch **Equivalente /** Replace



UF - 1.263/4 4 escovas / *brushes*

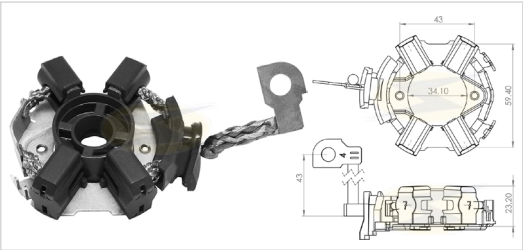
Especificações / Features: **12V, 2,0Kw - Tipo /** *Type:* **DB** Escova / *Brush:* 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 320 152, 1 004 320 171, 1 004 320 228, 1 004 320 234, 1 004 336 516, 1 004 336 555, 1 004 336 622, 1 004 336 743, 1 004 336 754, 1 004 336 756, 1 004 336 796, 1 004 336 798, 1 004 336 824, 1 004 336 893, BSX214 215, **VOLKSWAGEN:** 069 911 209 F, **DELCO:** 1004336756

Partida / Starter: 0 001 125 513, 0 001 125 511, 0 001 125 517, 0 001 125 518, **VOLKSWAGEN:** 069 911 023 L, 069 911 023 LX, 069 911 023 M, 069 911 023 MX

Aplicação / Application: **VOLKSWAGEN:** Bus 28-46 II, LT 28-35 2.5 TDI BUS, LT 40-55 2.5 TDI

Bosch **Equivalente /** Replace



UF - 1.264/4 4 escovas / *brushes*

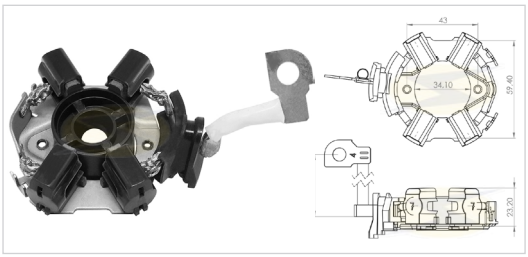
Especificações / Features: **12V, 2,2Kw - Tipo /** *Type:* **R425 DOHC** Escova / *Brush:* 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 517, 1 004 36 556, 1 004 336 581, 1 004 336 603, 1 004 336 611, 1 004 336 623, 1 004 336 666, 1 004 336 757, 1 004 336 895, 776 637 04, 31173 79J00, 070 911 209

Partida / Starter: 0 001 109 267, 0 001 109 270, 0 001 109 306, 0 001 109 307, 0 001 109 321, 0 001 109 322, 0 001 109 330, 0 001 109 331, 0 001 109 336, 0 001 109 337, 0 001 109 342, 0 001 109 343, 0 001 109 355, 0 001 109 358, 0 001 109 371, 0 001 109 375, 0 001 109 376, 0 001 109 395, 0 001 109 396, 0 001 109 403, 0 001 109 404, 0 001 125 025, 0 001 125 057, 0 001 125 060, 0 001 125 600, 0 001 125 601, 0 399 501 002, 0 399 501 007

Aplicação / Application: **ALFA ROMEO:** 147 1.9 JTD / 1.9 JTD 16V, 156 1.9 JTD 16V / 1.9 JTD 16V Q4 / 2.4 JTD, 159 1.9 JTDM 8V / 2.4 JTDM / 2.4 JTDM Q4, 166 2.4 / 2.4 JTD, Brera 2.4 JTDM 20V, GT 1.9 JTD, MiTo 1.6 JTDM, Spider 2.4 JTDM, **FIAT:** Marea-Weekend, Bravo 1.6 Multijet / 1.9 Diesel Multijet, Croma 1.9 Diesel Multijet/ 2.4 JTDM Multijet, Linea 1.6 Multijet, Sedici 1.9 Diesel Multijet, Stilo 1.9 JTD, **LANCIA:** Thema 3.0 CRD / 3.0 D / 3.0 V6 CRD, Delta 2.0 Multijet, Kappa 2.4 JTD, Lybra 2.4 JTD SW, Thesis 2.4 JTD, **LDV:** Maxus 2.5 CDI, **LTI:** Maxus 2.5 CDI, **VOLKSWAGEN:** Engine Diesel, **SUZUKI:** SX4 1.9 DDiS / 1.9 DDiS 4WD, **JOHN DEERE:** 244J, 304J, 317, 320, 325, 328, 332, 4120, 4320, 4520, 4720, 5225, 5325, **CHRYSLER:** Thema 3.0 CRD / 3.0 D / 3.0 V6 CRD, **DODGE:** Ram 1500 3.0 V6 D, **JEEP:** Grand Cherokee 3.0 CRD/ 3.0 CRD V6 4x4 / 3.0 TD V6 4x4 / 3.0 V6 CRD, **IVECO:** 29 L 10 2.3 / 11 2.8 / 12 2.3 / 13 2.8 / 14 2.3 / 9 2.8 / 9 V 2.8, 33 S 11 2.3 / 11 3.0 / 13 2.3, 35 C 10 2.3 / 10 2.3 / 11 2.3 / 11 2.8 / 12 2.3 / 13 2.3 / 14 3.0 / 15 2.8 / 15 2.8 / 15 3.0 / 17 3.0 / 18 3.0 / 9 2.8, 35 S 10 2.3 / 10 2.3 / 11 2.3 / 11 2.8 / 12 2.3 / 13 2.3 / 13 2.8 / 14 2.3 / 14 3.0 / 14G 3.0 / 15 2.8 / 17 3.0 / 18 3.0 / 9 2.8, 40 C 10 2.3 / 11 2.3 / 12 2.3 / 13 2.3 / 14 3.0 / 14 3.0 / 14 3.0 / 15 2.8 / 15 3.0 / 17 3.0 / 18 3.0, 40 S 10 2.3 / 13 2.3 / 14 3.0 / 17 3.0, 45 C 14 3.0 / 17 3.0 / 18 3.0, 50 C 11 2.8 / 13 2.8 / 14 3.0 / 15 2.8 / 15 3.0 / 15 3.0 / 17 3.0 / 17 3.0 / 18 3.0, 55 S 17 3.0, 60 C 14 3.0 / 15 3.0 / 17 3.0 / 18 3.0, 65 C 14 3.0 / 15 3.0 / 17 3.0 / 18 3.0, 70 C 14 3.0 / 17 3.0, Massif 3.0 HPi / 3.0 HPT, **RENAULT:** Mascott 110.35 2.8 / 110.50 2.8 / 110.55 2.8 / 110.60 2.8 / 110.60 2.8 / 130.35 2.8 / 130.55 2.8 / 130.65 2.8 / 140.35 2.8 / 140.55 2.8, / 140.65 2.8 / 150.35 2.8 / 150.55 2.8 / 150.65 2.8 / 90.35 2.8

Bosch **Equivalente /** Replace



UF - 1.265/4 4 escovas / *brushes*

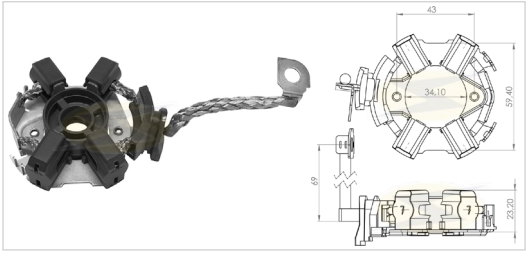
Especificações / Features: **12V, 2,0Kw -** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 538, 1 004 336 569, 1 004 336 570, 1 004 336 625, 1 004 336 626, 1 004 336 714, 1 004 336 774, 1 004 336 780, **VOLKSWAGEN:** 03G 911 209 A, 059 911 209 C

Partida / Starter: 0 001 109 064, 0 001 109 065, 0 001 125 053, 0 001 125 054, 03G 911 053 A, 03G 911 023 AX, 0 001 109 258, 0 001 109 259, 0 001 109 260, 0 001 109 261, 059911023Q, 059911024A

Aplicação / Application: **AUDI:** A8 3.0 TDi, A4 2.0 TDI / 1.9 TDI / 2.0 TDI / 2.0 TDI Quattro, A6 2.0 / 2.7 / 3.0 TDI, **SEAT:** Exeo 2.0 TDI / TDI ST, **SKODA:** Superb 1.9 TDI / 2.0 / 2.0 TDI

Bosch **Equivalente /** Replace



UF - 1.266/4 4 escovas / *brushes*

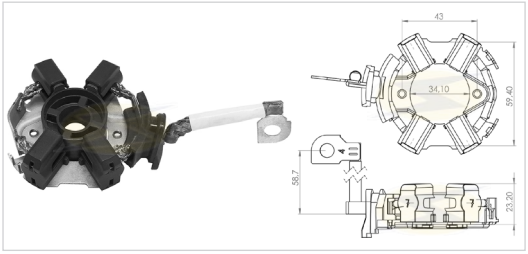
Especificações / Features: **12V, 2,0Kw -** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 538, 1 004 336 569, 1 004 336 570, 1 004 336 625, 1 004 336 626, 1 004 336 714, 1 004 336 774, 1 004 336 780, 03G 911 209A

Partida / Starter: 0 001 109 064, 0 001 109 065, 0 001 125 053, 0 001 125 054, 03g 911 023 A, 03g 911 023 AX, 03G911023

Aplicação / Application: **AUDI:** A4, A6 2.7 / 3.0 TDi, A8 3.0 TDi, **SEAT:** Exeo 2.0 TDI

Bosch **Equivalente /** Replace



UF - 1.267/4 4 escovas / *brushes*

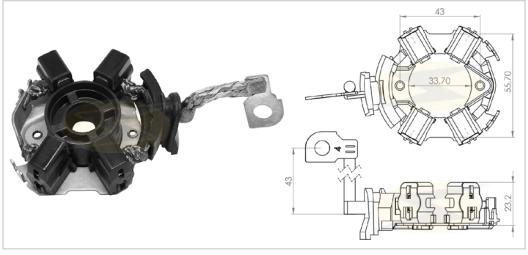
Especificações / Features: **12V, 2,0Kw -** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / W x H x L)

Equivalente / Replace: **BOSCH:** 1 004 336 524, 1 004 336 559, 1 004 336 574, 1 004 336 578, 1 004 336 596, 1 004 336 616, 1 004 336 624, 1 004 336 701, 1 004 336 760, 1 004 336 784, 1 004 336 787, 1 004 336 869, 1 004 337 004, 773 638 17, 773 641 02, 059911209E, 4M5T11000KD, 057911

Partida / Starter: 0 001 109 204, 0 001 109 264, 0 001 109 275, 0 001 109 276, 0 001 109 280, 0 001 109 281, 0 001 109 300, 0 001 109 301, 0 001 109 310, 0 001 109 311, 0 001 109 332, 0 001 109 333, 0 001 109 340, 0 001 109 341, 0 001 109 361, 0 001 109 362, 0 001 109 364, 0 001 109 366, 0 001 109 379, 0 001 109 389, 0 001 109 390, 0 001 109 397, 0 001 109 398, 0 001 109 407, 0 001 109 408, 0 001 110 130, 0 001 110 131, 69503857, 30659558, 30724473, 30782228, 307820452

Aplicação / Application: **SEAT:** Terra, Exeo, **VOLKSWAGEN:** Polo / Classic, **IVECO:** Daily 35 S17, **AUDI:** A4 3.0 TDi, A5, A6, A7, A8 4.2 TDi, Q5, SQ5, **CITROEN:** Jumper, **PORSCHE:** Macan 3.0 S D, **FIAT:** Ducato Cargo 2.3 / Combinato 2.3 / Maxi Cargo 2.3 / Minibus 2.3 / Multi 2.3, **FORD:** Transit / Tourneo, **LAND ROVER:** Defender, **MERCEDES-BENZ:** C-Class, CLK, E-Class, G-Class, M-Class, S-Class, Sprinter 2-t / 3-t, / 5-t, Unimog, Vclass, Vario, Viano, Vito, Mixto, **PEUGEOT:** Boxer, **SKODA:** Superb, **VOLVO:** C30, C70, S40, S60, S80, V50, V60, V70, XC60, XC70 II 2.4D, XC90 2.4

Bosch **Equivalente /** Replace



UF - 1.268/4 4 escovas / *brushes*

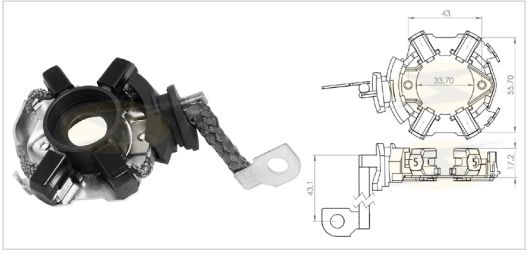
Especificações / Features: **12V, 1,7Kw - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 6 x 18 x 12,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 523, 1 004 336 558, 1 004 336 598, 1 004 336 653, 1 004 336 700, 1 004 336 759, 02M 911 209 A, 03G 911 209 B

Partida / Starter: 0 001 123 016, 0 001 123 017, 0 001 123 036, 0 001 123 037, 0 001 123 044, 0 001 123 045, 02E 911 023 H, 02E 911 023 HX, 02E 911 023 L, 02E 911 023 LX, 02E 911 024 A, 02E 911 023 AX, 0 001 115 089

Aplicação / Application: **AUDI, SEAT, SKODA:** Octavia 2.0, **VOLKSWAGEN:** Touran 1.9 Tdi, **FORD:** Transit, **PEUGEOT:** Boxer, **CITROEN:** Jumper

Bosch **Equivalente /** Replace



UF - 1.269/4 4 escovas / *brushes*

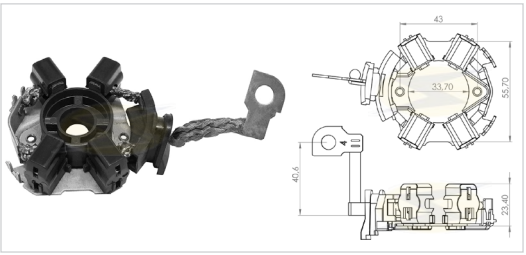
Especificações / Features: **12V, 1,1Kw - Tipo /** *Type:* **RF74-M50 -** Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 504, 1 004 336 562, 1 004 336 766, 1 004 336 987, 068 911 209 L, 02B 911 209 D

Partida / Starter: 0 001 107 112, 0 001 121 024, 0 001 121 029, F 000 A94 029, 020 911 023 F, 020 911 023 FX, 02A 911 023 L, 02A 911 023 LX, 02T 911 023 B, 0 001 121 026, 0 001 121 028

Aplicação / Application: **SKODA, AUDI:** A3 1.6 / 1.8, TT 1.8, Roadster, **SEAT:** Cordoba 1.6 / 1.8, Ibiza 1.6 / 1.8 II IV, **VOLKSWAGEN:** Beetle 2.0, Bora 2.0, Golf III 1.8 / 2.0 Cabriolet / Variant, Golf IV 1.6 / 1.8 / 2.0, Passat 2.0, Polo 2.0 GT Flex, Polo Classic 1.8, Polo Sedan 2.0 Flex

Bosch **Equivalente /** Replace



UF - 1.270/4 4 escovas / *brushes*

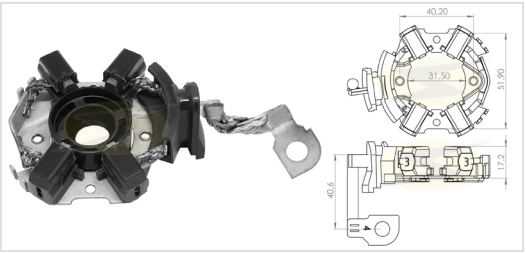
Especificações / Features: **12V, 1,7Kw - Tipo /** *Type:* **DW -** Escova / *Brush*: 6 x 18 x 12,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 513, 1 004 336 522, 1 004 336 553, 1 004 336 584, 1 004 336 591, 1 004 336 663, 1 004 336 677, 1 004 336 678, 1 004 336 754, 1 004 336 792, 1 004 336 798, 1 004 336 876, 1 004 336 890, 1 004 336 899

Partida / Starter: 0 001 115 008, 0 001 115 021, 0 001 115 025, 0 001 115 040, 0 001 115 041, 0 001 115 045, 0 001 115 048, 0 001 115 078, 0 001 115 081, 0 001 123 002, 0 001 123 003, 0 001 123 024, 0 001 123 025, 012 911 023 E, 012 911 023 F, 012 911 023 G, 012 911 023 GX, 012 911 023 H, 012 911 023 HX, 955 604 107 07 00, 955 604 107 07 010, 955 604 107 07 011, 0 001 115 079

Aplicação / Application: **BMW:** 1, 3, 5, 6, 7, X3, X5, X6, **MERCEDES BENZ:** C class, C class T, **FIAT:** Ducato,

Bosch **Equivalente /** Replace



UF - 1.271/4 4 escovas / *brushes*

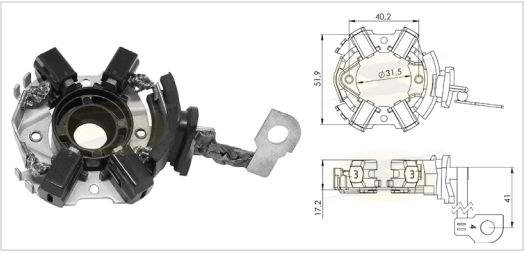
Especificações / Features: **12V, 1,1/1,2Kw - Tipo /** *Type:* **RF70-M25 -** Escova / *Brush*: 4,6 x 12 x 11,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 519, 1 004 336 655, 1 004 336 896, 02M 911 209 C

Partida / Starter: 0 001 121 402, 0 001 121 403, 0 001 121 408, 0001 121 413, 0 001 121 429, 0 001 121 430, 0 001 121 435, 0 001 121 436, 02M 911 G, 02M 911 GX, 02M 911 S, 02M 911 SX, 02M 911 024 D, 02M 911 024 DX, 02Z 911 023 E, 02Z 911 023 EX, 0AX 911 023, 0 001 121 412, 02E911023J, 02E911023S, 02M911023G

Aplicação / Application: **AUDI:** A1 2.0 TFSi Quattro, A3 1.8 TFSi Sportback, Q3 2.0 TFSi Quattro, TT 2.0 TFSi Coupé Quattro, **SEAT:** Ibiza IV, **VOLKSWAGEN:** Eos 2.0 FSi, Jetta 2.0 Total Flex / 2.0 TSi / 2.5 / 2.5 Variant, Passat 2.0 FSi / TSi / TSi Variant, Tiguan 2.0 TSi 4Motion, Golf V / VI, Jetta III, Multivan V, Passat / Variant , Polo, Touran, Transporter V

Bosch **Equivalente /** Replace



UF - 1.272/4 4 escovas / *brushes*

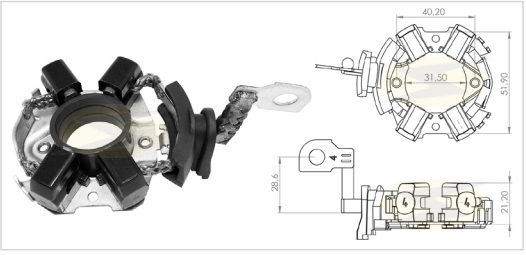
Especificações / Features: **12V, 1,1Kw - Tipo /** *Type:* **DW -** Escova / *Brush*: 4,6 x 12 x 12,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 502, 1 004 336 505, 1 004 336 510, 1 004 336 525, 1 004 336 526, 1 004 336 534, 1 004 336 542, 1 004 336 547, 1 004 336 593, 1 004 336 600, 1 004 336 608, 1 004 336 630, 1 004 336 632, 1 004 336 636, 1 004 336 702, 1 004 336 703, 1 004 336 711, 1 004 336 718, 1 004 336 723, 1 004 336 866

Partida / Starter: 0 001 107 401, 0 001 107 411, 0 001 107 415, 0 001 107 417, 0 001 107 418, 0 001 107 423, 0 001 107 432, 0 001 107 435, 0 001 107 437, 0 001 107 442, 0 001 107 443, 0 001 107 446, 0 001 107 447, 0 001 107 450, 0 001 107 453, 0 001 107 456, 0 001 107 474, 0 001 107 78, 0 001 107 479, 0 001 107 508, 0 001 107 509, 0 001 121 422, 0 001 121 423, 0 001 121 427, 0 001 121 428, 0 001 121 443, 0 001 121 444, F 002 G20 485, F 002 G20 594, F 002 G20 669, 06C 911 023, 06C 911 023 X, 06D 911 021 B, 06D 911 021BX, 06D 911 021 D, 06D 911 023 B, 06E 911 021 B, 06E 911 021 BX, 06H 911 021 A, 06H 911 021AX, 0 001 107 402, 0 001 107 403, 0 001 107 404, 0 001 107 405, 0 001 107 406, 0 001 107 407, 0 001 107 408, 0 001 107 409, 0 001 107 410, 0 001 107 424, 0 001 107 425, 0 001 107 426, 0 001 107 427, 0 001 107 429, 0 001 107 430, 0 001 107 431, 0 001 107 433, 0 001 107 434, 0 001 107 436, 0 001 107 440, 0 001 107 441, 0 001 107 448, 0 001 107 449, 0 001 107 493, 0 001 107 499, 0 001 107 514, 0 001 107 527, 0 001 107 528, 0 001 107 529, 0 001 107 530, 0 001 107 531

Aplicação / Application: **TOYOTA:** Corolla 1.8 / 2.0, **ALFA ROMEO:** 147, 156, 159, Spider, **BMW:** 120i, 130i, 135i Coupé, 320i, 325i,330i, 335i / Cabrio, 525i, 528i, 530i, 535i GT, X1 xDrive 28i, X3 3.0 si / 3.0i / xDrive 28i, X5 3.0 si / xDrive 35i, X6 xDrive 35i, Z4 3.0 si Coupé / 3.0i / sDrive 23i / sDrive 35i, 1, 3, 5, 7, X1, X3, Z4, **FIAT:** Punto, Stilo, **FORD:** Courier 1.4i 16V, Fiesta 1.4i 16V, Fiesta / Box IV V, Focus c max II, Fusion, Ka Street / Lancia, **LAND ROVER:** Freelander 2, **AUDI:** A4 1.8 / 2.0 TFSi / 2.0 TFSi Avant, **DAEWOO:** Lanos 1.6i / Hatchback, **MERCEDES BENZ:** Classe C 180 / 180 T-Modell / 200 / 220 / 230 / 230 Kompressor Sportcoupé / 230 Kompressor T-Modell / 230 T-Modell, Classe CLK 230 Kompressor Cabrio, Classe E 200 / 200 T-Modell / 230, Classe ML 230, Classe SLK 230 Kompressor / Kompressor Roadster, **VOLVO:** V50 1.6

Bosch **Equivalente /** Replace



UF - 1.273/4 4 escovas / *brushes*

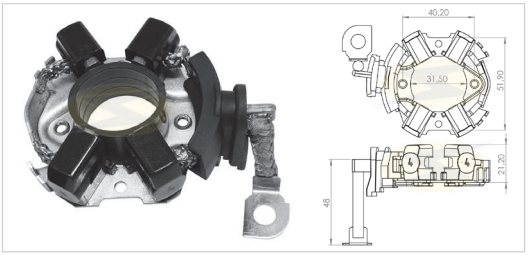
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **DW -** Escova / *Brush*: 4,6 x 16 x 12,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 509, 1 004 336 527, 1 004 336 531, 1 004 336 704, 1 004 336 708, 1 004 336 886, 773 650 65, 31173 T55L0

Partida / Starter: 0 001 108 401, 0 001 108 402, 0 001 108 420, 0 001 108 421, 0 001 108 450, 0 001 108 451, 0 001 108 456, 0 001 108 457, F 002 G20 670, F 004 A94 004, 12 41 7 519 390, 12 41 7 519 391, 68080459AA, 517 8724 18, 3M5T 11000 EA, 1674049, 31100 55L00, 31100 55L01

Aplicação / Application: **ALFA ROMEO:** 159, Sportwagon, Brera, Spider, **FIAT:** Bravo II, Ducato Bus, **LANCIA:** Deeltya III, **JEEP:** Renegade, **VOLVO:** C70 II T5, S40 II 2.4 / 2.5 T5 / 2.5 T5 AWD, V50 2.4, V50 T5

Bosch **Equivalente /** Replace



UF - 1.274/4 4 escovas / *brushes*

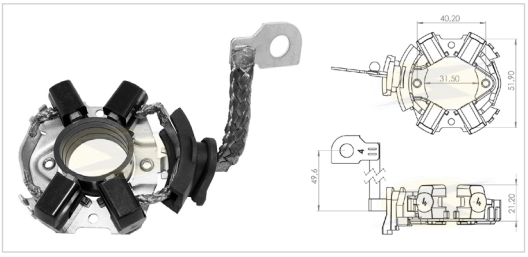
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **R70-L25 / R70-L35 -** Escova / *Brush*: 4,6 x 16 x 12,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** A0011515714, 1 004 336 564, 1 004 336 633, 1 004 336 768, 001 151 57 14

Partida / Starter: 0 001 108 403, 0 001 108 404, 0 001 108 409, 0 001 108 410, 0 001 108 441, 0 001 108 442, 006 151 05 01, 006 151 37 01, 948 604 208 00, A0061510501, A0061513701

Aplicação / Application: **MERCEDES BENZ:** Classe CLS 350, Classe R 500 4Matic, Classe SLK 350, CLK, E Class, GL Class, M Class, R class, S class, SL

Bosch **Equivalente /** Replace



UF - 1.275/4 4 escovas / *brushes*

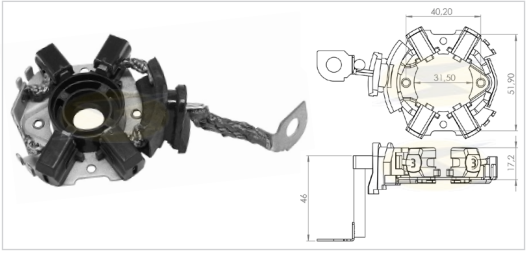
Especificações / Features: **12V, 1,2Kw - Tipo /** *Type:* **R70-L15 -** Escova / *Brush*: 4,6 x 16 x 12,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** A0011514114, 1 004 336 565, 1 004 336 595, 1 004 336 602, 1 004 336 769, 1 004 337 022, 1 004 337 140, 1 004 337 150, 001 151 41 14, 06E 911 209

Partida / Starter: 0 001 108 405, 0 001 108 406, 0 001 108 408, 0 001 108 430, 0 001 108 431, 0 001 108 445, 0 001 108 446, 0 001 108 466, 0 001 108 467, 06E 911 023 B, 06E 911 023 BX, 06E 911 023 C, 06E 911 023 CX, 06E 911 023 E, 06E 911 023 EX, 06E 911 023 F, 079 911 021 D, 079 911 021 DX, 079 911 021 G, 4M5T 11000 CA, 4M5T 11000 CB, 1344589, 1570611, 9586 041 110 00

Aplicação / Application: **AUDI:** A4 3.0 / 3.2 FSi Avant, A6 2.4 / 3.0 TFSi / 3.2 FSi, A7 3.0 TFSi, A8 3.2 / 4.2 FSi, Q5 3.2 FSi, Q7 3.0 TFSI / SS 3.0 TFSI, RS4 4.2 Avant, RS5 4.2 Avant, RS6 4.0 TFSi, RS7 4.0 TFSi, S4 3.0 TFSi / 3.0 TFSi Avant, S6 4.0 TFSi / Avant, S7 4.0 TFSi, S8 4.0 FSi, **FORD:** Focus 1.6i / -Ti / -Ti-VCT > 12/2007, **BENTLEY:** Continental GT 4.0 V8

Bosch **Equivalente /** Replace



UF - 1.276/4 4 escovas / *brushes*

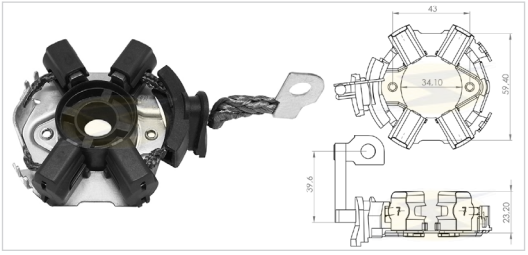
Especificações / Features: **12V, 1,1Kw - Tipo /** *Type:* **DW -** Escova / *Brush*: 4,6 x 12 x 11,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 580, 1 004 336 607, 1 004 336 789, MB 001151 64 14, 28140 0Q020, A0011516414

Partida / Starter: 0 001 107 406, 0 001 107 438, 0 001 107 439, 0 001 107 459, 0 001 107 462, 006 151 59 01, 0 001 107 540, A0061515901, 281000Q021C

Aplicação / Application: **MERCEDES BENZ:** Classe C 180 Kompressor / 200 CGi / 200 Kompressor / 200 Kompressor T-Modell / 230 Kompressor / 230 Kompressor T-Modell, Classe E 350 / 500, Classe GLK 280 4Matic / 300 4Matic, Classe S 400 Hybrid, Classe SLK 200 Kompressor

Bosch **Equivalente /** Replace



UF - 1.277/4 4 escovas / *brushes*

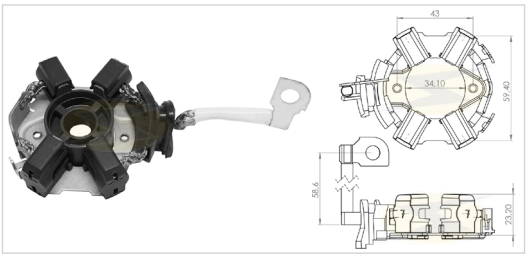
Especificações / Features: **12V, 1,8Kw** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 272, 1 004 336 503, 1 004 336 549, 1 004 336 619, 1 004 336 629, 1 004 336 750, 1 004 336 878, 02A 911 209 E

Partida / Starter: 0 001 125 007, 0 001 125 008, 0 001 125 012, 0 001 125 031, 0 001 125 032, 0 001 125 042, 0 001 125 043, 0 001 125 046, 0 001 125 047, 0 001 125 051, 0 001 125 052, 0 001 125 617, 0 001 125 618, 020911023H, 02A911023R, 02A911024D, 02T911023D, 02T911023H

Aplicação / Application: **AUDI:** A2 1.4 TDI, A3 1.9 Tdl / 1.9 TDI Quattro, **FORD:** Galaxy 1.9 TDI / 2.0 / 2.3 16V, **SEAT:** Alhambra 1.9 TDI, Arosa 1.4 TDI, Cordoba 1.4 TDI / 1.9 TDI, Ibiza 1.4 TDI / 1.9 TDI, Leon 1.9 TDI, Toledo 1.9 TDI, **SKODA:** Fabia 1.4 TDI / 1.9 TDI, Octavia 1.9 TDI / 1.9 TDI 4x4, **VOLKSWAGEN:** Transporter IV Box Bus, Bora 1.9 TDI / 1.9 TDI 4-Motion, Caddy 1.9 TDI, Golf III 1.9 TDI / III 1.9 TDI Syncro / IV 1.9 TDI / IV 1.9 TDI 4-Motion, Lupo 1.4 TDI, New Beetle 1.9 TDI, Passat 1.9 TD / 1.9 TDI, Polo 1.4 TDI / 1.9 TDI / 1.9 SDI, Sharan 1.9 TDI, Vento 1.9 TDI, Fox 1.4 TDI

Bosch **Equivalente /** Replace



UF - 1.278/4 4 escovas / *brushes*

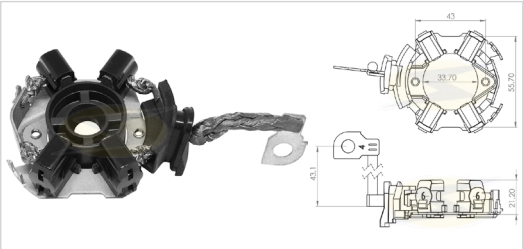
Especificações / Features: **12V, 2,2Kw** Escova / *Brush*: 6 x 18 x 14,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 507, 1 004 336 508, 1 004 336 537, 1 004 336 550, 1 004 336 551, 1 004 336 605, 1 004 336 617, 1 004 336 620, 1 004 336 621, 1 004 336 713, 1 004 336 751, 1 004 336 752, 1 004 336 800, 1 004 336 884, 1 004 336 885, 020911209E, 02M911209B

Partida / Starter: 0 001 110 086, 0 001 110 087, 0 001 110 118, 0 001 110 119, 0 001 110 133, 0 001 110 134, 0 001 124 001, 0 001 124 008, 0 001 124 013, 0 001 124 014, 0 001 124 022, 0 001 124 027, 0 001 125 003, 0 001 125 004, 0 001 125 011, 0 001 125 035, 0 001 125 036, 0 001 125 039, 0 001 125 040, 0 001 125 048, 0 001 125 049, 0 001 125 605, 0 001 125 606, 0 001 124 003, 0 001 124 004, 0 001 124 007, 0 001 124 011, 0 001 124 026, 02M911023F

Aplicação / Application: **AUDI:** TT 1.8 T, A3 1.8 Turbo / 1.9 TDI, S3 1.8 Turbo Quattro, **SEAT:** Alhambra 1.9 TDI / 1.9 TDI 4-Motion / 2.0 TDI / 2.8 V6 / 2.8 V6 4-Motion, Cordoba 1.9 TDI, Ibiza 1.9 TDI / 1.9 TDI Cupra R, Leon 1.8 Turbo 20V / 1.8 Turbo 20V 4 Syncro / 1.9 TDI / 1.9 TDI Syncro / 2.8 Cupra 4, Toledo 1.8 Turbo 20V / 1.9 TDI, **SKODA:** Fabia 1.9 TDi RS, Octavia 1.8 Turbo / 1.8 Turbo 20V RS / 1.9 TDI / 1.9 TDi 4x4, **VOLKSWAGEN:** Bora 1.8 Turbo / 1.9 TDI / 1.9 TDI 4-Motion / 2.8 V6 4-Motion / 2.8 VR6, Golf IV 1.8 GTI Turbo / IV 1.8 Turbo / IV 1.8 / IV 1.8 Turbo / IV 1.9 TDI / IV 1.9 TDI 4-Motion / IV 2.3 V5 / IV 2.3 V5 4-Motion / IV 2.8 V6 4-Motion / IV 3.2 4-Motion / V 3.2 R32 4-Motion, Jetta 1.8 Turbo GLS, New Beetle 1.8 / 3.2 RSI, Polo 1.9 TDI, Sharan 1.9 TDI / 1.9 TDI 4-Motion / 2.0 TDI / 2.8 V6 24V VR6 Syncro, Multivan 2.5 TDI / 2.5 TDI 4-Motion, Transporter 2.5 TDI / 2.5 TDi 4-Motion / 2.5 TDI PF

Bosch **Equivalente /** Replace



UF - 1.279/4 4 escovas / *brushes*

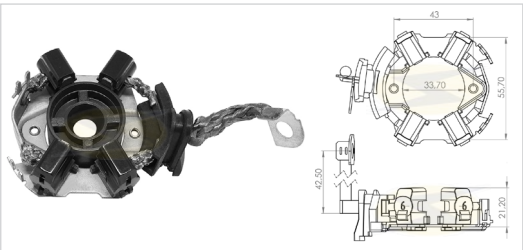
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 5 x 16 x 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 528, 1 004 336 533, 1 004 336 579, 1 004 336 788, **FIAT:** 773 641 27

Partida / Starter: 0 001 108 210, 0 001 108 225, 0 001 108 241, 0 001 108 242, 0 001 111 008, F 002 G20 326, F 002 G20 348, F 002 G20 546, F 002 G20 582, F 002 G20 593, F 002 G20 820, **FIAT:** 518 329 55, 551 934 10, 551 955 03,

Aplicação / Application: **KOHLER LOMBARDINI, FERRARI, GOLDONI, ALFA ROMEO:** Alfa 147, 155 2.0 16V T.Spark, 155 2.0 8v T.Spark, 155 2.5 V6, 164 2.0 T.Spark, 164 2.0 V6 Turbo, 164 3.0 V6 12V, 166 2.0 V6 Turbo, GT 3.2 V6, GTV 2.0 V6 Turbo, GTV 3.2, Spider 2.0 V6 Turbo, Spider 3.0 V6 12V, **FIAT:** Palio 1.0 / 1.4 / 1.6 / 1.8, Croma I 2.5 i.e. V6, **LANCIA:** Thema 3.0 i.e. V6, **WACKER NEUSON:** Equipamentos geradores

Bosch **Equivalente /** Replace



UF - 1.280/4 4 escovas / *brushes*

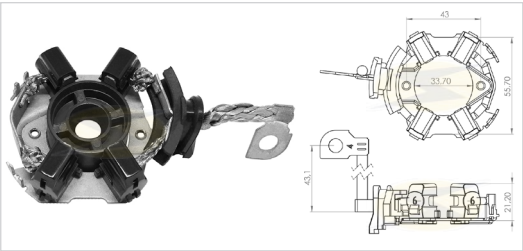
Especificações / Features: **12V, 1,8Kw - Tipo /** *Type:* **DW/PMGR -** Escova / *Brush*: 5 X 16 X 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 511, 1 004 336 536, 1 004 336 712, 1 004 336 727, 1 004 336 888, **FIAT:** 9949601

Partida / Starter: 0 001 108 190, 0 001 108 196, 0 001 108 202, 0 001 108 204, 0 001 108 208, 0 001 108 209, 0 001 108 211, 0 001 108 212, 0 001 108 217, 0 001 108 218, 0 001 108 224, 0 001 108 230, 0 001 108 231, 0 001 108 234, 0 001 108 236, 0 001 108 239, 0 001 108 240, 0 001 108 400, 0 001 108 431, 0 001 108 463, F 026 T02 002

Aplicação / Application: **PORSCHE:** 968, **FIAT:** Brava II, Doblo, Punto, Strada, Palio 1.0, **BMW:** 325I 2.5L, 316I / CI, 318I / TI

Bosch **Equivalente /** Replace



UF - 1.281/4 4 escovas / *brushes*

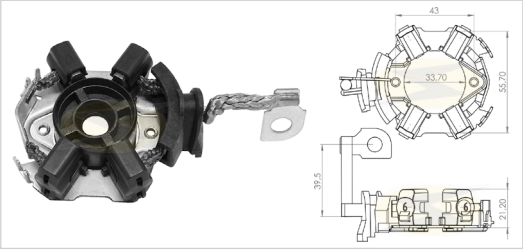
Especificações / Features: **12V, 1,4Kw** Escova / *Brush*: 5 x 16 x 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 512, 1 004 336 552, 1 004 336 567, 1 004 336 753, 1 004 336 771, 1 004 336 889

Partida / Starter: 0 001 108 200, 0 001 108 201, 0 001 108 206, 0 001 108 207, 0 001 108 228, 0 001 108 229, 0 001 108 237, 0 001 108 238, VOLKSWAGEN: 07C 911 023 D, 07C 911 023 F, 07C 911 023 FX, 07C 911 023 G, 07C 911 023 H, 07C 911 023 HX, 07D 911 023 A, 07D 911 023 AX

Aplicação / Application: **AUDI:** A6 2.0 TDI Avant / 2.0 TDI, A8 6.0 quattro / 6.0 W12 Quattro, Q7 4.2 FSI, RS6 5.0 TFSI Avant quatro / 5.0 TFSI quattro, S6 5.2 FSI Avant quatro / 5.2 FSI quattro, S8 5.2 FSI quattro, **VOLKSWAGEN:** Passat 4.0 W8 4-motion / Variant 4.0 W8 4-motion, Touareg 4.2 FSI, **BENTLEY:** Continental Flying Spur 6.0, Continental GT 6.0, Flying Spur W12 6.0

Bosch **Equivalente /** Replace



UF - 1.282/4 4 escovas / *brushes*

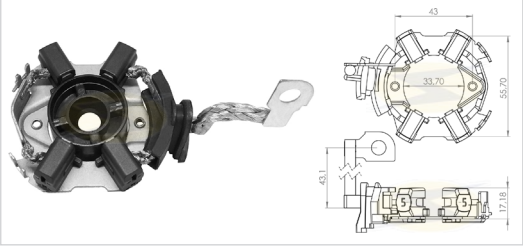
Especificações / Features: **12V, 1,4Kw** Escova / *Brush*: 5 x 16 x 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 521, 1 004 336 568, 1 004 336 773, 1 004 336 898

Partida / Starter: 0 001 108 203, LADA: 21100 3708010 03

Aplicação / Application: **LADA:** Priora 1.4L / 1.6, Kalina 1.6

Bosch **Equivalente /** Replace



UF - 1.283/4 4 escovas / *brushes*

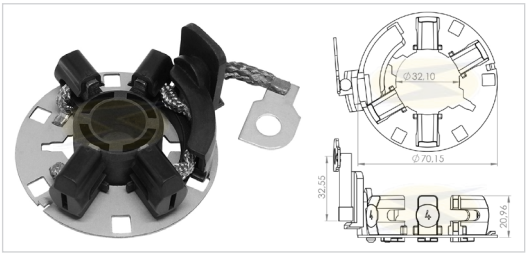
Especificações / Features: **12V, 1,1Kw - Tipo /** *Type:* **R74-M40 -** Escova / *Brush*: 5 X 12 X 11 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 336 561, 1 004 336 765

Partida / Starter: 0 001 107 103, 0 001 107 106, 0 001 121 030, 0 001 121 035, 001 911 023B, 001 911 023C, 001 911 023CX, 001 911 023X, 036 911 023S, 085 911 023H, 085 911 023HX

Aplicação / Application: **SEAT:** Cordoba 1.0 / 1.4, Ibiza II / III / IV 1.0, **VOLKSWAGEN:** Polo / Classic 1.0 Mi 16V, Golf III

Bosch **Equivalente /** Replace



UF - 1.284/4 4 escovas / *brushes*

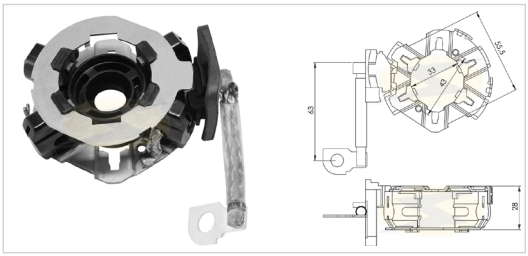
Especificações / Features: **12V, 1,4Kw** Escova / *Brush*: 4,5 x 16 x 12 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 338 102, 1 004 338 126, 1 004 338 140, 0 399 D77 075

Partida / Starter: 0 001 177 003, 0 001 177 004, 0 001 177 005, 0 001 177 0013, 02M 911 024 R, 0 001 177 000, 0 001 177 001, 0 001 177 002, 0 001 177 006, 0 001 177 007, 0 001 177 008, 0 001 177 009, 0 001 177 010, 0 001 177 011, 0 001 177 012, 02M911021H, 0 001 179 500, 0 001 179 501, 0 001 179 502, 0 001 179 503, 0 001 179 504, 0 001 179 505, 0 001 179 506, 0 001 179 507, 0 001 179 508, 0 001 179 509, 0 001 179 510, 0 001 179 511, 0 001 179 512, 0 001 179 513, 0 001 179 514, 0 001 179 515, 0 001 179 516, 0 001 179 517, 0 001 179 518, 0 001 179 519, 0 001 179 522, 0 001 179 523

Aplicação / Application: **AUDI:** A1, S3, A3 1.8 quattro, **FIAT:** Palio, Strada, Siena, Uno, Fiorino, Doblo, Punto Fire 2010, **SEAT:** Mii, **SKODA:** Citigo 1.0, **VOLKSWAGEN:** Fox 1.0 Bluemotion, Jetta 1.4 / 1.6 / 2.0, Up! 1.0 Flex, Golf Sportsvan 1.2 TSI 2014, Polo 2.0R WRC 6R 2013, Up 1.0 2012

Bosch **Equivalente /** Replace



UF - 1.286/4 4 escovas / *brushes*

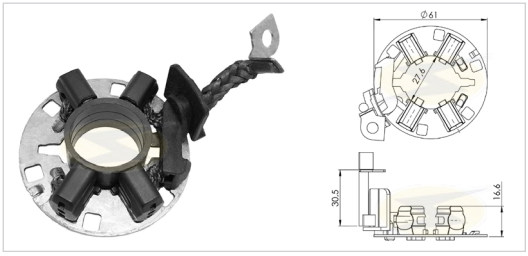
Especificações / Features: **12V, 2,2Kw** Escova / *Brush*: 4,5 x 19,5 x 14 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 337 006, 1 004 337 146, 1 004 337 161

Partida / Starter: 0 001 153 001, 0 001 153 005, 0 001 153 007, 0 001 153 008, 0 001 153 009, 0 001 153 010, 0 001 153 013, 02E911024C, 02M911024C, 02Z911023H, 02Z911024H, 0AM911023G

Aplicação / Application: **AUDI:** A1 1.6 TDi, A3 1.6 TDi, A6, **SEAT:** Altea XL 1.6 TDI, Altea XL 1.6TDI, Ibiza V 1.2, Ibiza V 1.4, Ibiza V 1.6, Ibiza Esportcoupe 1.2 Ibiza Esportcoupe 1.4, Ibiza Esportcoupe 1.6, Ibiza V TDI 1.2 / 1.4 / 1.6, Leon 1.6 TDI, Toledo 1.4/1.6, **SKODA:** Fabia 1.2 TDI, Fabia 1.6 TDI, Octavia 1.6 TDI, Octavia Combi 1.6 TDI, Rapid 1.6 TDI, Rapid Spaceback 1.6 TDI, Roomster 1.2, Roomster 1.6, Roomster Praktik 1.2, Roomster Praktik 1.6, Super B 1.6 TDI, Yeti 1.6, Yeti 2.0 TDI, **VOLKSWAGEN:** Beetle 1.6, Beetle 2.0 TDI, Golf Plus 1.6 TDI, Golf VI 1.6 TDI, Jetta IV 1.2, Jetta IV 1.6, Jetta IV 2.0, Caddy Alltrack 2.0 TDI, Caddy III 1.6 TDI, Caddy IV 1.6, Caddy IV 2.0 TDI, Multivan, Passat, Polo, Touran, Transporter

Bosch **Equivalente /** Replace



UF - 1.288/4 4 escovas / *brushes*

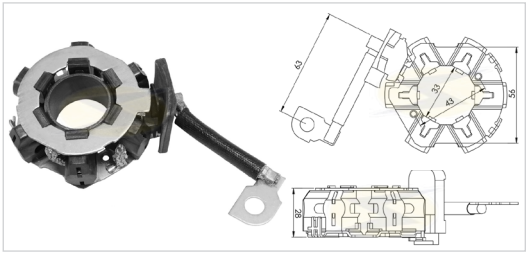
Especificações / Features: **12V, 0,8 Kw** Escova / *Brush*: 4,2 x 11,8 x 11 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 339 005

Partida / Starter: F 000 C60 001, F 000 C60 004, F 000CD0 9A0, F 000 CD0 9A3, F 000 CD0 A01, F 000 C60 005, F 000 C60 003, F 000 C60 002, 281000 T310 A

Aplicação / Application: **FIAT:** Palio, Strada, Siena, Uno, Mobi, Fiorino Furgão, Fiorino, Doblo, Punto, Ideia

Bosch **Equivalente /** Replace



UF - 1.289/6 6 escovas / *brushes*

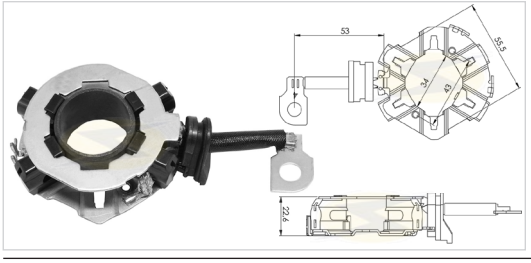
Especificações / Features: **12V, 2,6Kw** Escova / *Brush*: 4,5 X 19 X 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 681

Partida / Starter: 0 001 145 001, 0 001 145 002

Aplicação / Application: **VOLKSWAGEN:** Polo, Golf, **SEAT:** Cordoba, Ibiza, **AUDI:** A1, A3, **SUZUKI:** Swift IV

Bosch **Equivalente /** Replace



UF - 1.292/4 4 escovas / *brushes*

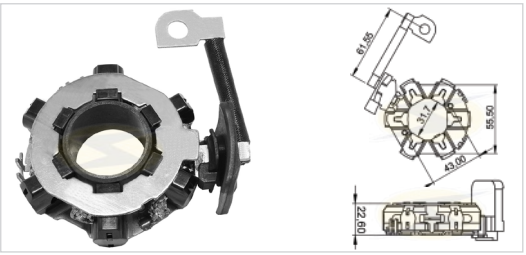
Especificações / Features: **12V, 2,2Kw** Escova / *Brush*: 4,5 x 14 x 12,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 986025550, 1 004 337 013, 1 004 337 029, 1 004 337 042

Partida / Starter: 0 001 148 003, 0 001 148 004, 0 001 148 009, 0 001 148 010, 0 001 148 015, 0 001 148 016

Aplicação / Application: **MOTORES START-STOP - CHEVROLET:** Malibu 2.0 D, **OPEL:** Astra 2.0 CDTI, Astra 2.0 BiTurbo CDTI, Cascada 2.0 CDTI, Insignia 2.0 Biturbo CDTI, Insignia 2.0 Biturbo CDTI 4x4, Insignia 2.0 CDTI, Insignia 2.0 CDTI 4x4, Zafira 2.0 Biturbo CDTI, Zafira 2.0 CDTI, **VAUXHALL:** Astra 2.0 Biturbo Cdti, Astra 2.0 Cdti, Cascada 2.0 Cdti, Insígnia Cdti Biturbo 2.0, Insígnia 2.0 Biturbo Cdti 4x4, Insígnia 2.0 Cdti, Insígnia 2.0 Cdti 4x4, Zafira 2.0 Biturbo Cdti, Zafira 2.0 Biturbo Cdti, **BMW:** 318d, M3 4.0, X1 2.0

Bosch **Equivalente /** Replace



UF - 1.293/6 6 escovas / *brushes*

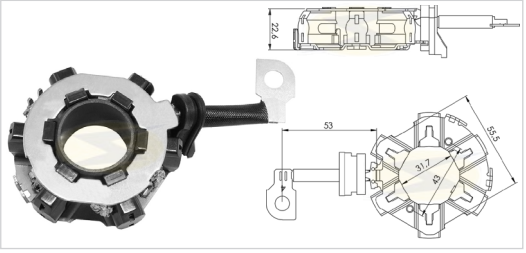
Especificações / Features: **12V, 2,2Kw** Escova / *Brush*: 4,5 x 14 x 12,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 337 066, 1 004 337 016,1 004 337 020, 1 004 337 021, 1 004 337 036, 1 004 337 044, 1 004 337 062, 1 004 337 152

Partida / Starter: 0 001 147 402, 0 001 147 403, 0 001 147 404, 0 001 147 405, 0 001 147 406, 0 001 147 407, 0 986 023 137, 0001152410, A2709060700

Aplicação / Application: **MOTORES START-STOP - MERCEDES BENZ:** Cl 500 4.7, Cl 63 5.5 Amg, Cls 500 4.7, Cls 500 4.7 4-Matic, Cls 63 5.5 Amg, E 500 4.7, E 550 4.7, E 63 5.5 Amg, S 500 4.7 Cgi, S 500 4.7 Cgi 4-Matic, S 63 5.5 Amg, Sl 500 4.7, Sl 63 5.5 Amg, Slk55 5.5 Amg, C-Class C 300, C-Class C 300 4-Matic, C-Class C 350, C-Class C 350 4-Matic, C-Class C 350 4-Matic, C-Class C 350 Cgi, Cls 350, Cls 350, Cls 400 4-Matic, E-Class E 300, E-Class E 300 4-Matic, E-Class E 350, E-Class E 350, E-Class E 400, E-Class E 400 4-Matic, Glk-Class 350 4-Matic, S-Class S 350 Cgi, S-Class S 350 Cgi 4-Matic, Sl 350, Sl 400, Slk 350, Classe A 180 / 200 / 250, Classe B 200, Classe CLA 200, Classe E 63 4Matic, Classe ML 63 4Matic

Bosch **Equivalente /** Replace



UF - 1.294/6 6 escovas / *brushes*

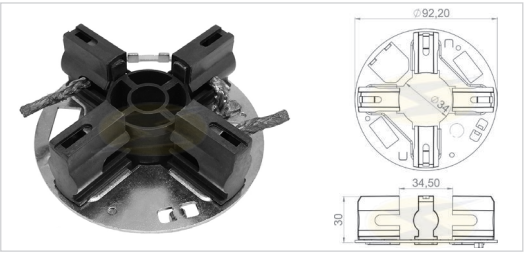
Especificações / Features: **12V, 1,2Kw** Escova / *Brush*: 4,5 x 14 x 14 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 004 337 160

Partida / Starter: 0 001 138 055, 0 001 138 056, 361002B302

Aplicação / Application: **MOTORES START-STOP - KIA:** Carens 1.6, Cee'd 1.4 / 1.6, Rio 1.4, Soul 1.6 GDi, Sportage 1.6 GDi, Soul 1.6, Rio 1.6, **ALFA ROMEO:** Giulietta 1.4, Giulietta 1.4 TB, Giulietta 1.6 JTDM, Mito 0.9, Mito 1.4, Mito 1.4 T, Mito 1.6 JTD, Mito 1.6 JTDM, **AUDI:** A4 3.2 TFSi, A5 3.2 TFSi, A6 2.8 TFSi, A6 3.0 TFSi, A7 3.0 TFSi, A8 3.0 TFSi, **FIAT:** 500 0.9, 500 1.2, 500 1.4, 500 C 0.9, 500 L 0.9, 500 L 0.9 CNG, 500 L 1.6 Multijet, 500 X 1.6 Multijet, Doblo 1.4, Doblo 1.4 Cargo, Doblo 1.6 Diesel Multijet, Idea 1.2 16V, Idea 1.4 16V, Panda 0.9, Panda 0.9 4x4, Panda 0.9 CNG, Punto 0.9 Bifuel, Punto 0.9 Twinair Turbo, Punto 1.4, Punto Evo 1.4, Punto Evo 1.4 16V, Punto Evo 1.6 Diesel Multijet, **JEEP:** Renegade 1.6 CRD, **LANCIA:** Delta 1.4 16V, Musa 1.6 Diesel Multijet, Ypsilon 0.9 Twinair, **MINI:** Cooper 1.6 D, Cooper 2.0 D, Cooper 2.0 D Clubman, Cooper 2.0 SD Clubman, **HYUNDAI:** Creta, Veloster 1.6 GDi

Bosch **Equivalente /** Replace



UF - 1.302/4 4 escovas / *brushes*

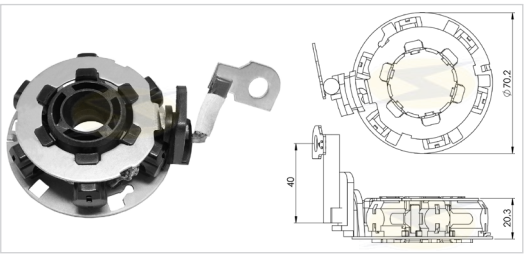
Especificações / Features: **12V, 4,0Kw** Escova / *Brush*: 6,5 x 28 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 2 004 336 090, 2 004 336 094, 2 004 336 096, 2 004 336 097

Partida / Starter: 0 001 260 001, 0 001 260 002, 0 001 260 003, 0 001 260 004, 0 001 260 025, 0 001 260 026, 0 001 262 001, 0 001 262 002, 0 001 262 003, 0 001 262 004, 0 001 262 005, 0 001 262 006, 0 001 262 007, 0 001 262 008, 0 001 262 019, 0 001 262 020, 0 001 262 021, 0 001 262 022, 0 001 262 029, 0 001 262 030, 0 001 262 031, 0 001 262 032, 0 001 262 033, 0 001 262 034, RE526375, RE527400, SE501868

Aplicação / Application: **JOHN DEERE:** 6130 4.5, 6230 4.5, 6330 4.5, 6430 4.5, 6530 6.8, 6630 6.8, 6830 6.8, 6930 6.8, 7430 6.8, 7530 6.8, 6090 MC 4.5, 6100 MC 4.5, 6105M 0.0, 6105M 4.5, 6105R 4.5, 6110 MC 4.5, 6115M 4.5, 6115R 4.5, 6125M 0.01, 6125M 4.5, 6125R 4.5, 6130, 6130M 4.5, 6130R 4.5, 6140M 4.5, 6140R 6.8, 6150M 6.8, 6150R 6.8, 6170M 6.8, 6170R 6.8, 6190R 6.8, 6210R 6.8, 6510 6.8, 6520 6.8, 6610 6.8, 6620 6.8, 6810 6.8, 6820 6.8, 6910 6.8, 6920 6.8, **CASE:** Trator JX85 / JX90 / JX95 / JXU95 / JXU105, **KOMATSU:** Retroescavadeira WD97S, **NEW HOLLAND:** Trator T6

Bosch **Equivalente /** Replace



UF - 1.305/6 6 escovas / *brushes*

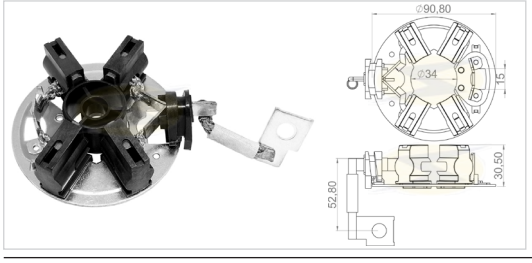
Especificações / Features: **12V, 1.2Kw** Escova / *Brush*: 4,5 x 14 x 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 0 001 170 421, 52033809, 52033810, 0 001 177 401

Aplicação / Application: **FIAT:** Argo 1.0, Mobi 1.0, Uno, (Motores/Engines FIREFLY)

Bosch **Equivalente /** Replace



UF - 1.306/4 4 escovas / *brushes*

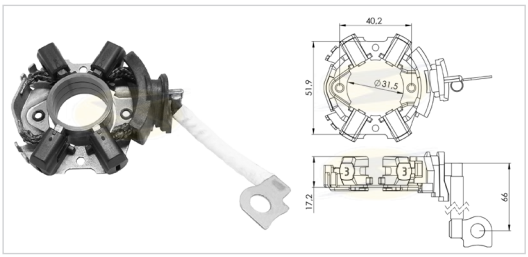
Especificações / Features: **12V, 4,0Kw** Escova / *Brush*: 5,5 x 28 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 6 033 AD3 267, 6 033 AD5 179

Partida / Starter: 0 001 230 030, 0 001 230 004, 0 001 230 007

Aplicação / Application: **IVECO:** Vertis 130V18 / 19, 90V16 / 18, **NEW HOLLAND:** Trator TL70 / TL80 / TL90 / TL100

Bosch **Equivalente /** Replace



UF - 1.307/4 4 escovas / *brushes*

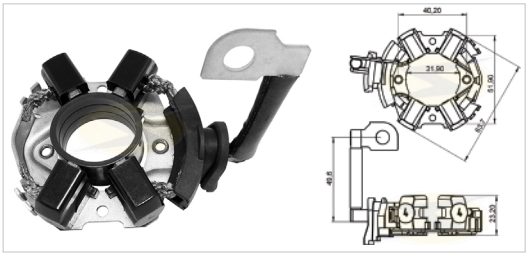
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **RF70-M15 -** Escova / *Brush:* 4,6 x 12 x 12,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 337 027

Partida / Starter: 0 001 121 440, 0 001 121 439, 51865316

Aplicação / Application: **FIAT:** Doblò 1.8 MPi 16V Flex / Adventure Locker 1.8 MPi 16V Flex, Grand Siena 1.6 Flex / Dualogic, Idea 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex / Adventure 1.8 16V Flex, Palio 1.6 16V Flex / Dualogic / 1.6 MPi 16V Flex / Adventure 1.8 16V Flex / Weekend 1.6 Flex, Punto 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex, Siena 1.6 MPi 16V Flex, Strada 1.6 Flex / 1.8 MPi 16V Flex, Strada Adventure 1.8 Flex / Locker 1.8 MPi 16V Flex, Bravo, Linea

Bosch **Equivalente /** Replace



UF - 1.310/4 4 escovas / *brushes*

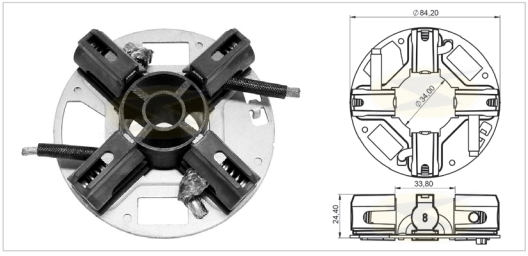
Especificações / Features: **12V, 1,4Kw** Escova / *Brush:* 4,5 x 16 x 12 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 615

Partida / Starter: F 000 AL0 901, F 000 AL0 903, A9069060026

Aplicação / Application: **MERCEDES-BENZ:** Sprinter 311 CDi / 515 CDi / CDI 415

BOSCH **Equivalente /** Replace



UF - 1.311/4 4 escovas / *brushes*

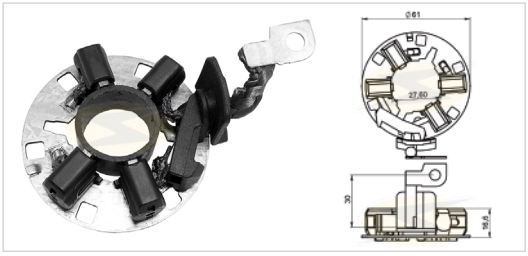
Especificações / Features: **12V, 3.2 Kw**, **Tipo /** *Type:* **HX87-M** - Escova / *Brush:* 6,1 x 22 x 17,3 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 0399d57009

Partida / Starter: 0 001 250 003, 0 001 250 004, 5801577138

Aplicação / Application: **IVECO, CASE, NEW HOLLAND:** Mini escavadeira/Mini excavator, Tratores/Tractors

Bosch **Equivalente /** Replace



UF - 1.314/4 4 escovas / *brushes*

Especificações / Features: **12V,** Escova / *Brush:* 4,7 x 11,95 x 11,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: F 000 C60 300

Aplicação / Application: **TOYOTA:** Corolla 2.0 (2015 ->)

Bosch **Equivalente /** Replace

UF - 1.315/4 4 escovas / *brushes*

Especificações / Features: **12V** - **Tipo** / *Type:* **DM / DA** - Escova / *Brush:* 5 x 12 x 11,6 mm (L x A x C / *W x H x L)*

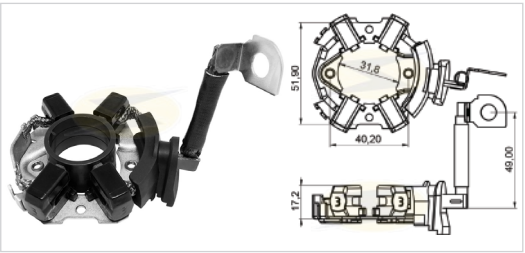
Equivalente / Replace:

Partida / Starter: 9 000 081 010, F 000 AL0 401, F 000 AL0 402, F 000 AL0 306, F 000 AL0 313, F 000 AL0 414, 0 001 107 027, 0 001 107 028, 0 001 107 044, 0 001 107 059, 0 001 107 063, 0 001 107 076, 0 001 107 082, 0 001 113 009, 9 000 081 003, F 000 AL0 003, F 000 AL0 301, F 000 AL0 302, F 000 AL0 304, F 000 AL0 309, F 000 AL0 310, F 000 AL0 314, F 000 AL0 400, 0 001 112 041

Aplicação / Application: **CHEVROLET-GM:** Corsa 1.6, Celta, **VOLKSWAGEN:** Gol II / III 1.0 MI / 16V / Turbo, Parati II / III / 1.0 MI / 16V / Turbo, Fusca 1300 / 1500 / 1600, Gol 1.3, Saveiro, Voyage, **GURGEL:** BR 800, Tocantins I / TR, **TRANSPORTER:** 1600 / Variant / II, **FORD:** Escort / Orion 1.6I 16V / Ka 1.3I / Escort 1.3 / Turnier / 1.4 / Cabrio / Express 55 / 75, **OPEL:** Calibra 2.0I Turbo, **CITROEN:** Berlingo 1.8I / Evasion 2.0I Turbo / Xantia 1.6 / 1.8 / 2.0I / XM 2.0I / 16V Turbo / Xsara 1.8I / 16V / Breack / Coupe / 2.0 / 16V / ZX / 1.8I, **FIAT:** Ducato 10 / 13 / 14 / 18 / Ulysse / Palio 1.0 8V / Uno Mille 1.0 SPI / Weekend 1.0 8v / Strada 1.0 8V / Doblo ex Fire 1.3I / Palio 1.0 / 1.3 MPI 16V / Weekend / Siena / Strada, **PEUGEOT:** 205 / 306 / 405 / 605 / Partner, **VOLVO:** S40 / V40, **MERCEDES-BENZ:** Classe A 160

Obs: Esta peça permite substituir o **UF-1.115/4** e também o **UF-1.116/4**. Esta peça unifica a aplicação de dois modelos, e há a garantia de qualidade de condutibilidade de corrente equiparado ao produto original. *This piece unifies the application of two models, UF-1.115/4 - UF-1.116/4 and there is the guarantee of energy transferation quality equivalent to the OEM brush holder project*

Bosch **Equivalente /** Replace



UF - 1.316/4 4 escovas / *brushes*

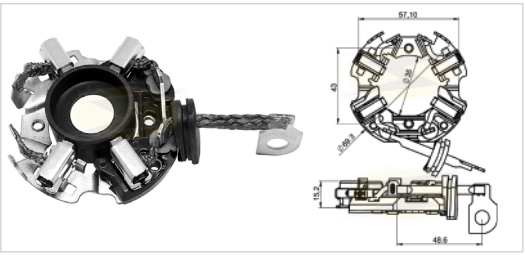
Especificações / Features: **12V, 1,1Kw** Escova / *Brush*: 4,5 x 12 x 11,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 336 667

Partida / Starter: 0 001 107 477, 0 001 107 476, 8200792969C

Aplicação / Application: **RENAULT:** Duster 2.0 16V Hi-Flex / 4x4, Fluence 2.0 GT, Laguna I 2.0i 16V, Laguna III 2.0 TCE Grandtour, Mégane II 2.0 16V, Scénic 2.0i 16V, Scénic II 2.0 16V

Bosch **Equivalente /** Replace



UF - 1.317/4 4 escovas / *brushes*

Especificações / Features: **12V - Tipo /** *Type:* **DW -** Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / *W x H x L)*

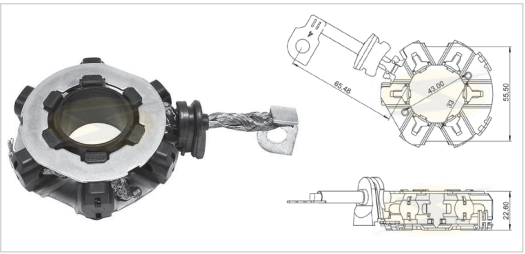
Equivalente / Replace: **BOSCH:** 1 004 336 980

Partida / Starter: 0 001 106 015, 0 001 107 003, 0 001 107 007, 0 001 108 094, 0 001 107 016, 0 001 107 019, 0 001 107 020, 0 001 107 021, 0 001 107 022, 0 001 107 039, 0 001 107 054, 0 001 107 063, 0 001 107 066, 0 001 107 068, 0 001 107 091, 0 001 121 008, 0 001 121 009, 0 001 121 016, 0 001 121 028, 9 001 081 001, 0 001 107 015, 9 000 081 004, 9 000 081 005, 9 000 081 006, 9 000 081 007, 9 000 081 008, F 000 AL0 104, F 000 AL0 502, F 000 AL0 102, F 000 AL0 507, F 000 AL0 106, F 000 AL0 100, 0 001 107 045

Aplicação / Application: **FORD:** Escort, Mondeo, **CITROEN:** Picasso, Berlingo, Evasion, Xantia / XM, Xsara, **FIAT:** Ducato 10 / 13 / 14 / 18, Ulysse, Brava, Marea, Bravo, Doblo, Palio / Weekend (->96), Siena, Strada (->99), Tempra / Turbo, Uno Mille, Fiorino (->1995), **PEUGEOT:** 205, 306, 405, 605, 806, Partner, **VOLKSWAGEN:** Passat importado, Beetle, Golf, Quantum, Santana, Saveiro, Voyage, Gol, Logus, Parati, Pointer, **SEAT:** Alambra, City Golf, Cordoba, Ibiza, **AUDI:** A3, TT, Coupe, **OPEL:** Corsa, Astra 2.0l, Calibra 2.0 I Turbo / 16V, Omega 1.8 / 2.0, Vectra 2.0 / 16V / 2000 / 4x4, **NISSAN:** Sentra, **CHEVROLET:** Astr / Sedan, Blazer, Ipanema, Kadett, Omega, Suprema, S10 EFI / MPFI, Vectra 2.0 / GSI / 16V, Zafira 2.0 / 16V

Obs: Esta peça permite substituir o **UF-1.117/4, UF-1.118/4** e também o **UF-1.119/4**. Esta peça unifica a aplicação de dois modelos, e há a garantia de qualidade de condutibilidade de corrente equiparado ao produto original. *This piece unifies the application of three models, UF-1.117/4, UF-1.118/4, UF-1.119/4 and there is the guarantee of energy transferation quality equivalent to the OEM brush holder project.*

Bosch **Equivalente /** Replace



UF - 1.329/6 6 escovas / *brushes*

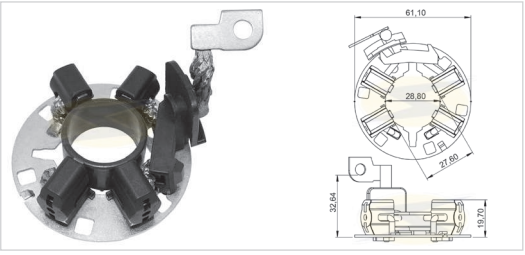
Especificações / Features: **12V** Escova / *Brush*: 4,5 x 14 x 12,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 337 153, 1 004 337 154, 1 004 337 165

Partida / Starter: 0 001 147 425, 0 001 147 424, 0 001 138 043, 0 001 138 044, 0 001 138 049, 0 001 138 050, 0 001 138 053, 0 001 138 054, 0 001 138 057, 0 001 1380 58, 0 001 138 059, 0 001 138 060, 0 001 138 061, 0 001 138 062.

Aplicação / Application: **MOTORES START-STOP- BMW:** 116 1.6 i (2007-2011), 116 2.0 i (2009-2012), 118 2.0 i (2007-2012), 120 2.0 i (2007->), 125 2.0 i (2011->), 220 2.0 i (2013->), 228 2.0 i (2014->), 316 1.6 i (2007->), 318 2.0 i (2007->), 320 2.0 i (2007-2014), 320 2.0 i xDrive (2011->), 328 2.0 i (2011->), 328 2.0 i xDrive (2011->), 335 3.0 i (2011->), 335 3.0 i GT (2013->), 335 3.0 i GT xDrive (2013->), 335 3.0 i xDrive (2011->), 335 3.0 Xi (2011->), 420 2.0 i (2013->), 420 2.0 i xDrive (2013->), 428 2.0 i (2013->), 428 2.0 i xDrive (2013->), 435 3.0 i (2013->), 435 3.0 i xDrive (2013->), 520 2.0 i (2011->), 528 2.0 i (2011->), 528 2.0 i xDrive (2011->), 535 3.0 i (2009->), 535 3.0 i xDrive (2010->), 640 3.0 i (2010->), 640 3.0 i xDrive (2010->), 740 3.0 i (2012->), M 135 3.0 i (2011->), M 135 3.0 i xDrive (2012->), X1 1.6 sDrive 16i (2013->), X1 2.0 sDrive 20i (2011->), X1 2.0 xDrive 28i (2011->), X3 2.0 sDrive 20i (2014->), X3 2.0 xDrive 28i (2011->), X3 3.0 xDrive 35i (2010->), X4 3.0 xDrive 35i (2014->), X5 3.0 35i (2013->), X5 3.0 xDrive 35i (2013->), Z4 2.0 sDrive 18i (2013->), Z4 2.0 sDrive 20i (2011->), Z4 2.0 sDrive 28i (2011->)

Bosch **Equivalente /** Replace



UF - 1.333/4 4 escovas / *brushes*

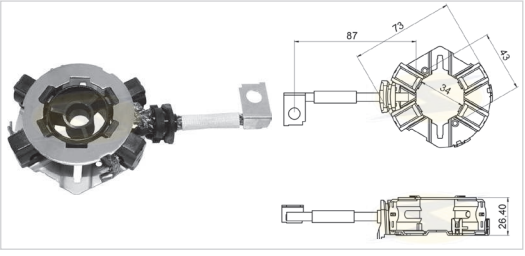
Especificações / Features: **12V** Escova / *Brush*: 4,2 x 15 x 11 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 0 001 194 020

Aplicação / Application: **FIAT:** Argo 1.0, Mobi 1.0, Uno 1.0, Palio, Strada, Siena, Furgão, Fiorino, Doblo, Punto **TOYOTA:** Corolla 2.0,

Bosch **Equivalente /** Replace



UF - 1.343/4 4 escovas / *brushes*

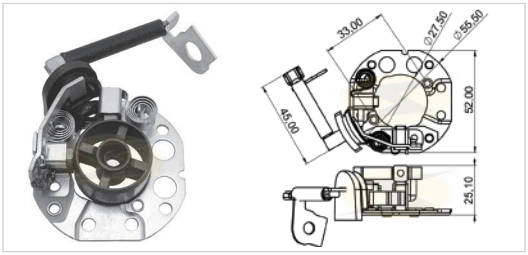
Especificações / Features: **12V** Escova / *Brush*: 5,5 x 18 x 14,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **BOSCH:** 1 004 337 055

Partida / Starter: 0 001 139 021, 0 001 139 022, 0 001 139 037, 0 001 137 038

Aplicação / Application: **PORSCHE:** Cayenne 4.8 GTS (2012-2014), Cayenne 4.8 S (2010-2014), Cayenne 4.8 Turbo (2010-2014), Cayenne 4.8 Turbo S (2013-2014), Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->), Macan (2014 – 2019) 95B 3.6 Turbo 3604 ccm / 294 KW / 400 PS, Macan (2014 – 2019) 95B_3.0 S 2997 ccm / 250 KW / 340 PS, Macan (2015 – 2019) 95B 3.0 GTS 2997 ccm / 265 KW / 360 PS, Macan (2016 – 2019) 95B 3.6 Turbo 3604 ccm / 324 KW / 440 PS

Comstar **Equivalente /** Replace



UF - 1.324/2 2 escovas / *brushes*

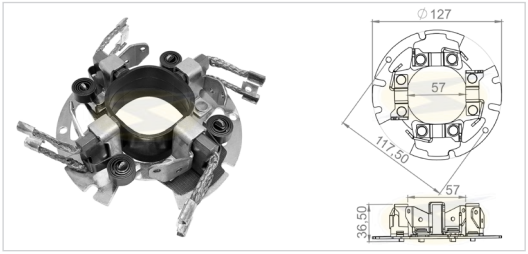
Especificações / Features: **12V** Escova / *Brush*: 5 x 13 x 11 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 233004485R, 233006904R

Aplicação / Application: **RENAULT:** Duster, Logan, Sandero, Kwid

Delco **Equivalente /** Replace



UF - 1.120
UF - 1.120/4 4 escovas / *brushes*

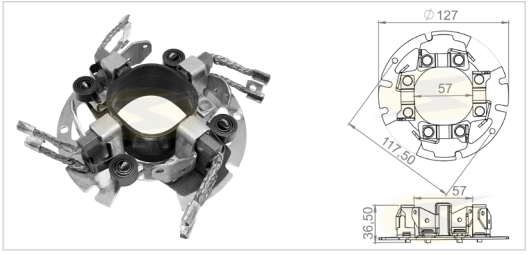
Especificações / Features: **12V, Tipo /** *Type:* **37/41 MT -** Escova / *Brush*: 9,6 x 28,6 x 26,6 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10468705, 10470140, D793, 10453807

Partida / Starter: 1993874, 1993931, 1993963, 1993964, 1993850, 1993853, 1993854, 1993855, 1993869, 1993870, 1993871, 1993873, 1993878, 1993879, 1993880, 1993881, 1993884, 1993886, 1993887, 1993891, 1993894, 1993928, 1993950, 1993957, 1993958, 1993979, 1993988, 1993994, 8300040, 10461001, 10461003, 10461004, 10461006, 10461008, 10461009, 10461010, 10461013, 10461039, 10461044, 10461066, 10461069, 10461084, 10461089, 10461108, 10461109, 10461200, 10461205, 10461225, 10461240, 10461273, 10461279, 10461280, 10461282, 10461303, 10461316, 10461394, 10461416, 10461440, 10461456, 10461496, 10461514, 10478818, 10478831, 10478926, 10478928, 10478957, 10479015, 10479034, 10479054, 10479071, 10479098, 10479102, 10479106, 10479107, 10479109, 10479121, 10479135, 10479166, 10479176, 10479206, 10479207, 10479226, 10479230, 10479242, 10479249, 10479250, 10479283, 10479300

Aplicação / Application: **CHEVROLET-GM:** Caminhões C/ Motor Caterpillar 3116 / 3126, **CUMMINS:** Veículos C/ Motor Cummins Série C, **FORD:** Veículos C/ Motor Cummins Série C, Cargo 1622 / 1630 / 2422 / 2425 / 2622 / 2626 / 2630 / 2631 / 3222 / 4030, **VOLKSWAGEN:** 17220, 17310, 23210, 23310, 24220, 26220, 26310, Veículos C/ Motor Cummins Série C, **CATERPILLAR:** Colheitadeira MT875, Motor 3114 / 3116 / 3176, GMC: 12170 / 14190 / 15190 / 16220, **MASSEY FERGUSON:** Trator MF2360, **MERCEDES BENZ:** 1625 L, 1825 LG, 2325 L, 2325 LB, 2325 LK

Delco **Equivalente /** Replace



UF - 1.121/4 4 escovas / *brushes*

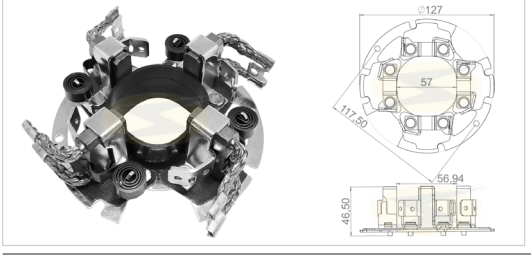
Especificações / Features: **24V, Tipo /** *Type:* **37 MT -** Escova / *Brush*: 9,6 x 28,6 x 26,6 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10469238, 10500113

Partida / Starter: 10479196, 1993910, 10478961, 10479292, 10479310, 1993911, 1993914, 1993995, 10461016, 10461201, 10461202, 10461239, 10461257, 10461296, 10461417, 10461457, 10461458, 10461525, 10478815, 10479013, 10479172, 10479302

Aplicação / Application: **CUMMINS:** Veículos C/ Motor Cummins Série C, **FORD:** Veículos C/ Motor Cummins Série C, **MERCEDES BENZ:** 1938 LS / S, 1944 L, O371, O400, O500 R / RSD / RSE, OH1636 L, 1631l / 1632l / 1632ls / 1634ls / 1938ls / 1939s / 1944l / 2638 / 2638lk / 2638ls / Of1722 / Oh1628 / Br 400 / Br 450, Ônibus O-400, Caminhões 1938 / 2638, Veículos C/ Motor Cummins Série C, **VOLKSWAGEN:** 18310 Titan Tractor, Veículos C/ Motor Série C, **CASE:** Escavadeira 350 / 350C / 880 / 880C, Pá carregadeira 825 Skid King / W8 / W9 / W9B / W10 / W11 / W11B / W11C / W14H / W19, Pulverizador (gafanhoto) 1250, Retroescavadeira 680 / 680G / 780 / 780B, Trator 800 / 1200, Trator de esteiras 475 / 600 / 750 / 850 / 1000D, **CATERPILLAR:** Motoniveladora 12K / 120K / 140K / 160K, Motor 3304 / 3306

Delco **Equivalente /** Replace



UF - 1.122
UF - 1.122/4 4 escovas / *brushes*

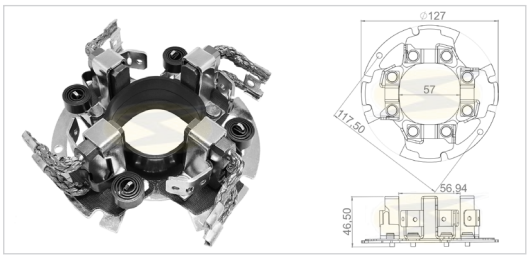
Especificações / Features: **12V, Tipo /** *Type:* **42 MT -** Escova / *Brush*: 10,6 x 36,6 x 25 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 1988121

Partida / Starter: 10479117, 1990420, 1993961, 1990337, 1990348, 1990352, 1990355, 1990372, 1990376, 1990379, 1990385, 1990387, 1990393, 1990394, 1990405, 1990406, 1990428, 1990430, 1990483, 1990484, 1990486, 1990489, 1990490, 1993772, 1993775, 1993795, 1993848, 1993938, 1993975, 1993990, 8200015, 8200253, 8300079, 10461063, 10461166, 10461172, 10461266, 10461323, 10461324, 10461331, 10461511, 10461585, 10478809, 10478810, 10478832, 10478935, 10478962, 10478971, 10478984, 10478987, 10478992, 10479019, 10479021, 10479027, 10479030, 10479041, 10479052, 10479080, 10479104, 10479113, 10479131, 10479158, 10479159, 10479160, 10479183, 10479191, 10479251, 10479260, 10479282, 10479295

Aplicação / Application: **CATERPILLAR:** Escavadeira AH40 / AH46 / AH52 / AH60 / AM36 / AM40 / V160 / V160B / V180 / V180B / V200 / V200B / V225 / V250 / V250B / V300 / V300B / V330B / 320D, Motor 1140 V8 / 1145 V8 / 1150 V8 / 1160 V8 / 1670 / 1673 / 1674 / 1676 / 3208 / 3304 / 3306 / 3406 / 3408 / 3412, **CHALLENGER:** Trator de esteiras 65 / 70, **CLARK:** Empilhadeira C400 / C450 / C500 / C550 / C650, Motoniveladora 301 / 501, Pá carregadeira 45C / 55B / 55IIIA / 55C / 75B / 75C / 75III / 75IV / 85A / 85CIIIA / 85III / 101 / 125 / 125III / 125A / 125B / 175III / 275, **CUMMINS:** Motor 855 V8.3L / V9.1L, Motor L10 V8.3L / V9.1L, Motor L14 V8.3L / V9.1L, Motores Cummins, **DYNAPAC:** Máquinas diversas (c/ motores Cummins 8.3L), **HYSTER:** Empilhadeira H150 / H150E / H165 / H165E / H180 / H180E / H200 / H200E / H200ES / H225 / H225E / H250A / H250E / H300 / H360A / H360AD / H400A / H400AD / H460AD / H700 / H800A / M500 / M600 / P125A / P150A / P165A / P180A, **JOHN DEERE:** Colheitadeira CHT2500B / CHW2500B (c/ motor Scania), **MASSEY FERGUSON:** Colheitadeira MF34 / MF38, **TEREX:** Empilhadeira 81SH / 82SH / 83SH / 84SH, Raspador (scraper) S11E / TS14 / TS14B / TTS14, **INTERNATIONAL / NAVISTAR:** Navistar 9000 - Caminhões 9200, Caminhões 9200 - 4x2, 9200 - 6x4,

Delco **Equivalente /** Replace



UF - 1.123/4 4 escovas / *brushes*

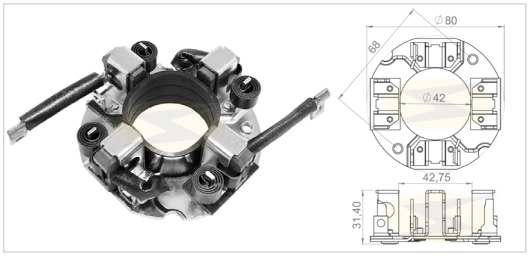
Especificações / Features: **24V, Tipo /** *Type:* **42 MT -** Escova / *Brush*: 10,6 x 36,6 x 25 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 1988439

Partida / Starter: 10479114, 10479118, 1990378, 10478941, 1990357, 1990359, 1990360, 1990364, 1990366, 1990367, 1990368, 1990371, 1990402, 1990411, 1990413, 1990415, 1990416, 1990422, 1990432, 1990434, 1990435, 1990436, 1990447, 1990453, 1990454, 1990455, 1990456, 1990459, 1990462, 1990463, 1990464, 1990493, 1993784, 1993786, 1993796, 1993801, 1993802, 1993804, 1993805, 1993808, 1993810, 1993812, 1993814, 1993822, 1993833, 1993835, 1993924, 1993933, 1993941, 1993944, 1993945, 1993980, 1993998, 8200396, 8200529, 8200957, 10461024, 10461025, 10461027, 10461029, 10461030, 10461035, 10461043, 10461054, 10461068, 10461101, 10461103, 10461134, 10461142, 10461148, 10461184, 10461187, 10461217, 10461222, 10461259, 10461350, 10461351, 10461357, 10461359, 10461360, 10461365, 10461397, 10461410, 10461413, 10461418, 10461488, 10478837, 10478892, 10478893, 10478937, 10478938, 10478939, 10478940, 10478942, 10478943, 10478945, 10478946, 10478947, 10478948, 10478952, 10478959, 10478980, 10478981, 10478986, 10478988, 10478989, 10478990, 10478998, 10479008, 10479009, 10479010, 10479011, 10479012, 10479097, 10479100, 10479103, 10479115, 10479119, 10479120, 10479136, 10479149, 10479164, 10479168, 10479171, 10479178, 10479182, 10479211, 10479212, 10479220, 10479223, 10479224, 10479225, 10479252, 10479261, 10479273, 10479276, 10479280, 10479286, 10479288, 10479290, 10479291, 10479303, 10479308

Aplicação / Application: **CASE:** Trator 180, **CATERPILLAR:** Caminhão de mineração (fora de estrada) 776 / 776B / 777 / 777B, Compactador de aterro 826C / 825C, Escavadeira 215 / 215B / 215C / 219 / 225 / 225B / 227 / 229 / 235 / 235B / 235C / 245 / 245D, Motoniveladora 12F / 12G / 14E / 14G / 16G / 112F / 120 / 120G / 120M / 130G / 140 / 140G / 180M, Pá carregadeira 910 / 916 / 920 / 926 / 926E / 930 / 936 / 936E / 941 / 950 / 950B / 950E / 966 / 966C / 966D / 966E / 980 / 980B / 980C / 980F, Raspador (scraper) 615 / 615C / 621 / 621B / 621E / 623B / 623E / 627 / 627B / 627E / 637D / 637E, Removedora de árvores FB227, Skidder florestal 508 / 518 / 528, Trator 814 / 814C / 815 / 815B / 816 / 816B / 824 / 824C, Trator de esteiras 951C / 955K / 955L / 963 / 963B / 973 / 977K / 977L / 983B, Motor 1670 / 1673 / 3304 / 3306 / 3406 / 3408 / 3412 / 3508 / 3512 / 3516, Motor marítimo 3208, **CLARK:** Empilhadeira 110 / 110III / 110III-H / 180III / 210I / 210III / 210III-H / 280 / 280III / 280IIIA, **CUMMINS:** Motores Cummins / Cummins Motors, Motor L10 / L14 6 cil. 8.3L, **FIAT ALLIS:** Pá carregadeira FW160 / FW170 / FW200, **TEREX:** Caminhão de mineração (fora de estrada) 33-05, Empilhadeira 78SH, Pá carregadeira 72-21 / 72-21AA / 72-31 / 72-31AA / 72-31B / 72-31F / 72-31M / 72-41 / 72-41AA / 72-51 / 72-51BA / 72-61 / 72-61AA / 72-71, Trator de esteiras 82-20 / 82-30 / 82-30B / 82-30FA / 82-30FAM / 82-30FAT / 82-30G / 82-30GA / 82-40 / 82-40CA / 82-40FAT / 82-80 / 82-80DA, Raspador (scraper) S23E / TS14 / TS14 / TS18 / TS24 / TS24A / TS32

Delco **Equivalente /** Replace



UF - 1.133
UF - 1.133/4 4 escovas / *brushes*

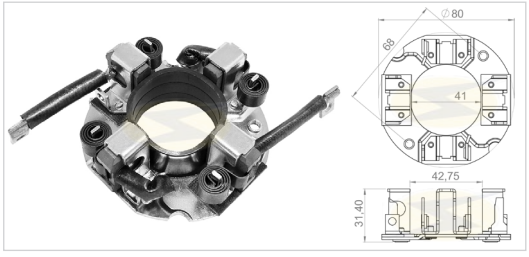
Especificações / Features: **12V, Tipo /** *Type:* **28 MT -** Escova / *Brush*: 8 x 25 x 19,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10456546, 10456456, 10457603, 10483823, **NIKKO:** 0 23750 0321, 0 23750 0548, 0 23750 0320

Partida / Starter: 10479621, 1113276, 10479630, 10479634, 10479637, 10479643, 10479644, 10479645, 10479648, 10479651

Aplicação / Application: **CASE:** Retroescavadeira 580 L / 580 L SE, **CUMMINS:** Motor 4B 3.9L / 4BT 3.9L / 6B 5.9L / 6BT 5.9L / 6BTAA 5.9L, **FIAT ALLIS:** Pá carregadeira FR12, **FORD:** F12000, F14000, **JOHN DEERE:** Trator 627 / 727 / 1420 / 2140 / 2330 / 2330 / 2420 / 2420 / 2530 / 2530 / 2730 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 3550 / 4420 / 4530 / 5010 / 5600 / 5700 / 6300 / 6600, **MERCEDES BENZ:** 710, 712 E, 1418 R, 1620 L, 1720, 1720 K, O712, O812, O814, Sprinter 180 / 7T - 709 / 9T - 912, **MULLER:** Rolo compactador DTV140, Trator TM14, **ASIA MOTORS:** Besta,

Delco **Equivalente /** Replace



UF - 1.134/4 4 escovas / *brushes*

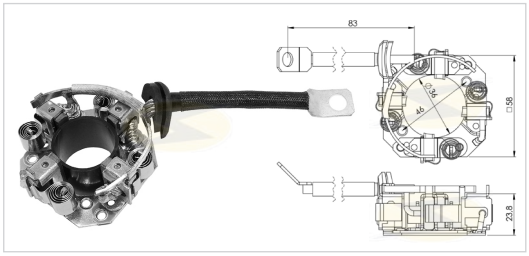
Especificações / Features: **24V, Tipo /** *Type:* **28 MT -** Escova / *Brush*: 8 x 25 x 19,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10483823, 10456456, 10457627, 10457653

Partida / Starter: **DELCO:** 1113277, 10479626, 1113291, 10479605, 10479623, 10479629, 10479650, 10479652, 10479654, 10479655, **MERCEDES BENZ:** A0051512201, A0051517601

Aplicação / Application: **ASIA MOTORS:** Besta, **CUMMINS:** Motores Cummins, **CASE:** Máquinas diversas, **FIAT ALLIS:** Motoniveladora FG140.2, **KOMATSU:** Escavadeira PC200, **MERCEDES BENZ:** 714 C, 715, 915 C, 1218 EL, 1218 L, 1318 L, 1418 EL, 1418 L, 1419, 1620 L, 1718, 1719, 1726, 1726 4x4, 1729 S, 2423 B, 2423 K, 2426 6x2, 2428, 2429 6x2, Accelo 815 / 1016, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Atron 1319 / 2324 / 2729 B (Betoneira) / 2729 K (Basculante) / 2729 P 6x4 (Plataforma), Axor 1933 / 2533 / 2826 / 2828 / 2831 / 2831 B (Betoneira) / 2831 K (Basculante) / 2831 P (Plataforma), O500 M / U / R, OF1417, OF1418, OF1518, OF1519, OF1720 A, OF1721, OF1722, OF1724, OH1420, OHL1621, OHL1623, Caminhões E Ônibus 712 / 912 / 914 / 1215 / 1417 / 1625 / 1628 / 1632 / 1721 / 1725 / 2423 C/ Motor Br900

Delco **Equivalente /** Replace



UF - 1.148/4 4 escovas / *brushes*

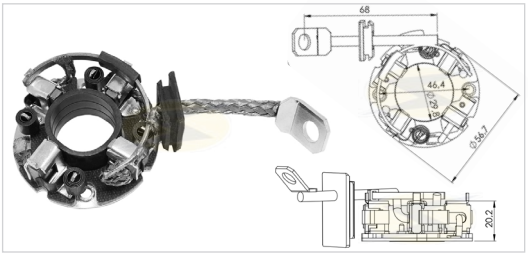
Especificações / Features: **12V, Tipo /** *Type:* **PG260MQ/PMGR -** Escova / *Brush*: 6 x 19 x 16mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10475602, 10517108, **FIAT:** 77364762, **HYUNDAI:** 361592F000

Partida / Starter: 8000 285, 9000 786, 9000 798, 9000 804, 9000 805, 9000 806, 9000 812, 9000 819, 9000 820, 9000 821, 9000 822, 9000 827, 9000 834, 9000 835, 9000 844, 9000 850, 9000 851, 9000 853, 9000 860, 9000 861, 9000 862, 9000 863, 9000 864, 9000 866, 9000 867, 9000 899, 9000 900, 8000017, 8000032, 8000534, 9000936, 9000952, **CHEVROLET-GM:** 96843574, **HYUNDAI:** 361004A150

Aplicação / Application: **CHEVROLET-GM:** Blazer 4.3 V6, Captiva 2.0 VCDi, Cruze 2.0 CDi, Corvette 2.8, Malibu 2.4, Monte Carlo 3.4, S10 4.3 V6, Silverado, Blazer / S10 - Com Motor / With Motor Vortec V6 4.3l, **CASE:** Mini Trator / Tractor, **HYUNDAI:** HR, **CITROEN:** Jumper 2.8 HDi, **FIAT:** Ducato 2.3 JTD / 3.0 JTD, **OPEL:** Astra 2.2 16V, Signum 2.0 Turbo, Speedster 2.2i 16V, Vectra 2.2, Zafira 2.2, **PEUGEOT:** Boxer 2.8 HDi, **PONTLAC:** Grand Am 2.4, Sunfire 2.4, **SAAB:** 9-3 2.0

Delco **Equivalente /** Replace



UF - 1.149/4 4 escovas / *brushes*

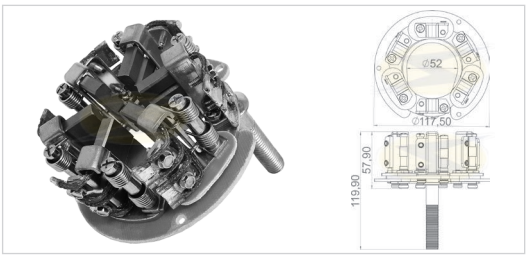
Especificações / Features: **12V, Tipo /** *Type*: **PG260B / C / D -** Escova / *Brush*: 5 x 15 x 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace: 10452368, 10504488, 10501995, 10535653, 10504328, 10521329

Partida / Starter: PG260B, 9000981P, 8000090, 8000158, 8000159, 8000188, 9000844, 9000893, 9000948, 9000978, 9000981, 8000006, 8000014, 8000213, 8000287, 9000890, 9000891, 9000944, **CHEVROLET-GM:** 93297652, 93297653, 93303527, 93327502, 93374341, 93374342, 93384398, **FIAT:** 7084991

Aplicação / Application: **CHEVROLET-GM:** Agile 1.0/1.4/1.6 (2009-2015), Celta 1.0/1.4/1.6 (2000-2015), Cobalt 1.0/1.4/1.6 (2011-2013), Corsa Classic 1.0/1.4/1.6 (2003-2015), Corsa 1.0/1.4/1.6 (1994-2014), Montana 1.0/1.4/1.6 (2007-2013), Novo Corsa 1.0/1.4/1.6 (2007-2014), Pick-up Corsa 1.0/1.4/1.6 (1995-2002), Prisma 1.0/1.4/1.6 (2006-2014), Astra 1.8 / 2.0 / 2.2 / 2.4, Blazer 4.3 V6 Vortex, Meriva 1.8 Flex, Monza 1.8 / 2.0 / 2.2 / 2.4, S-10, Kadet, Vectra - Todos Com / All With Dohc / Sohc Ii, C/ Motores / W/ Motors 1.8, 2.0 / 2.2 L 16v / L 8v, Zafira - C/ Motor / W/ Motor 1.8 / 2.0 / 2.2 E 2.4 8v E 16v Soch (Gasolina, Álcool E Flex), **FIAT:** Doblò 1.0 Fire / 1.3 Fire / 1.4 Fire / 1.8 Flex, Idea 1.0 Fire / 1.3 Fire / 1.4 Fire / 1.8 Flex, Palio Weekend 1.0 Fire / 1.3 Fire / 1.4 Fire / 1.8 Flex, Punto 1.0 Fire / 1.3 Fire / 1.4 Fire, Siena 1.0 Fire / 1.3 Fire / 1.4 Fire, Stilo 1.8 Flex, Strada 1.0 Fire / 1.3 Fire / 1.4 Fire / 1.8 Flex, Palio, Strada, Uno, (Todos Com Motores Fire / All With Fiat Fire Engine 1.0 / 1.3 / 1.4 / 1.8, 8v E 16v), **DAEWOO:** Espero 2.0 / 2.0 L, Optra 1.8 L (Gasolina, Álcool E Flex), Optra 1.4l, **CITROEN:** Picasso 2.0 Diesel, **PEUGEOT:** 206 1.9 Diesel, 307 2.0 Diesel, Berlingo 1.9 Diesel, Partner 1.9 Diesel, **CADILLAC, ISUZU, OLDSMOBILE**

Delco **Equivalente /** Replace



UF - 1.167
UF - 1.167/12 12 escovas / *brushes*

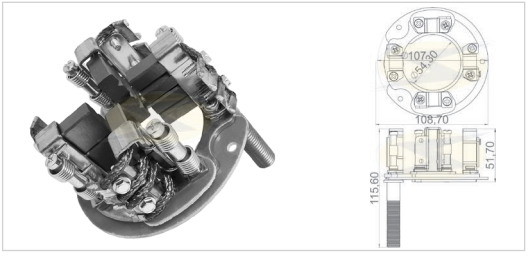
Especificações / Features: **24V, Tipo /** *Type*: **50MT -** Escova / *Brush*: 8 x 19 x 19 mm (L x A x C / *W x H x L*) **12 Escovas / Brushes RX 92 ou / or RX 124**

Equivalente / Replace: **DELCO:** 1945849, 1967354

Partida / Starter: 10478827, 10478829, 1109795, 1109797, 1109799, 1990285, 1990286, 1990288, 10461731, 10478828, 10478830

Aplicação / Application: Locomotiva C/ Motores / Locomotive W/ Engine Diesel V16 E V20, **CATERPILLAR:** Caminhão de mineração 768B / 768C / 769B / 769C / 772 / 772B / 773 / 773B, Compactador de aterro 826C / 825C, Escavadeira 245 / 346, Pá carregadeira 983B / 988 / 988B / 992 / 992B / 992C, Raspador (scraper) 631D / 633D / 641B / 651B / 657B / 660B / 666B, Trator 824C / 834B / D8, Motor marítimo D343, 245, 346, 621B, 621E, 623E, 631D, 631E, 633D, 637E, 639D, 641B, 651B, 651E, 657B, 657E, 660B, 666B, 768B, 768C, 769B, 769C, 772, 772B, 773, 773B, 824, 824C, 825C, 826C, 834B, 983B, 988, 988B, 992, 992B, 992C, 3406, 3408, 3412, 3508, 3512, 3516, D343, D08, **CLARK:** 275K, 310, 310III, 310IIIH, 330IIIH, 380, 380III, 380IIIA, 380-2III, 380C-480, 410, 475III, 475B, 675, 675B, **CUMMINS:** Série K, **INGERSOLL RAND:** DL 1200

Delco **Equivalente /** Replace



UF - 1.168
UF - 1.168/8 8 escovas / *brushes*

Especificações / Features: **24V, Tipo /** *Type*: **40MT -** Escova / *Brush*: 9,5 x 19 x 19 mm (L x A x C / *W x H x L*) **8 Escovas / Brushes RX70**

Equivalente / Replace: **DELCO:** 1948515, 1945517

Partida / Starter: 1109827, 1113386, 1113472, 1113477, 1113483, 1113485, 1113487, 1113539, 1113540, 1113542, 1113544, 1113583, 1113585, 1113818, 1113820, 1113824, 1113825, 1113827, 1113830, 1113831, 1113832, 1113840, 1113842, 1113845, 1113846, 1113847, 1113849, 1113850, 1113851, 1113852, 1113853, 1113855, 1113856, 1113857, 1113858, 1113859, 1113860, 1113864, 1113865, 1113866, 1113867, 1113868, 1113870, 1113871, 1113872, 1113873, 1113874, 1113875, 1113876, 1113877, 1113878, 1113879, 1113880, 1113881, 1113882, 1113883, 1113884, 1113887, 1113888, 1113889, 1113892, 1113893, 1113895, 1113898, 1113899, 1113900, 1113902, 1113905, 1113906, 1113907, 1113908, 1113909, 1113910, 1113911, 1113914, 1113915, 1113916, 1113917, 1113918, 1113920, 1113921, 1113923, 1113924, 1113926, 1113927, 1113928, 1113931, 1113934, 1113935, 1113936, 1113937, 1113938, 1113939, 1113940, 1113941, 1113942, 1113944, 1113945, 1113947, 1113948, 1113949, 1113950, 1113951, 1113952, 1113953, 1113954, 1113955, 1113956, 1113957, 1113958, 1113959, 1113960, 1113961, 1113962, 1113963, 1113964, 1113965, 1113966, 1113967, 1113968, 1113969, 1113970, 1113971, 1113972, 1113973, 1113974, 1113975, 1113976, 1113977, 1113978, 1113979, 1113980, 1113981, 1113982, 1113983, 1113984, 1113986, 1113988, 1113990, 1113991, 1113992, 1113993, 1113994, 1113995, 1113997, 1113998, 1113999, 1114047, 1114051, 1114052, 1114054, 1114055, 1114056, 1114057, 1114061, 1114069, 1114070, 1114071, 1114073, 1114077, 1114078, 1114079, 1114080, 1114081, 1114082, 1114083, 1114084, 1114085, 1114092, 1114094, 1114095, 1114096, 1114097, 1114099, 1114101, 1114105, 1114107, 1114112, 1114114, 1114116, 1114117, 1114121, 1114122, 1114135, 1114137, 1114139, 1114142, 1114146, 1114154, 1114166, 1114168, 1114173, 1114178, 1114179, 1114180, 1114182, 1114183, 1114185, 1114186, 1114187, 1114189, 1114191, 1114196, 1114197, 1114657, 1114660, 1114666, 1114668, 1114701, 1114706, 1114707, 1114710, 1114711, 1114712, 1114715, 1114718, 1114719, 1114727, 1114728, 1114729, 1114730, 1114735, 1114737, 1114738, 1114739, 1114740, 1114741, 1114742, 1114743, 1114749, 1114750, 1114755, 1114756, 1114758, 1114759, 1114760, 1114762, 1114763, 1114767, 1114769, 1114772, 1114774, 1114776, 1114777, 1114779, 1114781, 1114782, 1114783, 1114784, 1114785, 1114786, 1114789, 1114790, 1114792, 1114793, 1114917, 1114987, 1114989, 1990202, 1990205, 1990210, 1990213, 1990214, 1990216, 1990297, 1993704, 10461047

Aplicação / Application: **CATERPILLAR, FIAT-ALLIS, JOHN DEERE, CASE, CUMMINS, VOLVO:** F10, F12, F80, FL10, FM10, B12

Delco **Equivalente /** Replace

UF - 1.181/4 4 escovas / *brushes*

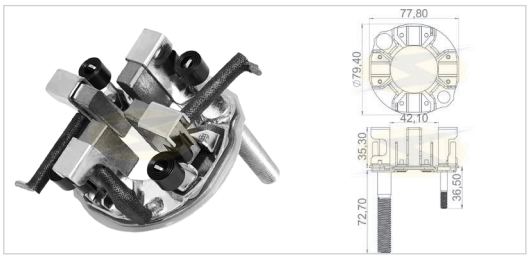
Especificações / Features: **12V, Tipo /** *Type*: **39MT - Giro sentido horário / Clockwise rotation** Escova / *Brush*: 9,5 x 32 x 22 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10527544

Partida / Starter: 8200288, 8200289, 8200290, 8200291, 8200308, 8200417, 8200468, 8200469, 8200470, 19011513, 19011519, 8200040, 8200050, 8200081, 8200090, 8200287, 8200329, 8200360, 8200390, 8200433, 8200434, 8300057, 19011521

Aplicação / Application: **FREIGHTLINER:** C/ Motor / W/ Engine Cat C10 / C12 / C15, C11 / C13 / C15, Acert, **CUMMINS:** 3103915, Isx, Ism, N14 Ou / Or Ddc 60 Series, **MACK:** C/ Motor / W/ Engine E-7, Mp7 / 8, **INTERNACIONAL:** Maxxforce 11, 13, **VOLVO:** Motor D11 / 12 / 13 / 16, VHD200, VHD300, VHD430, VHD630, VHD670, VHD730, VHD780, VN300, VN430, VN630, VN670, VN730, VN780

Delco **Equivalente /** Replace



UF - 1.182/4 4 escovas / *brushes*

Especificações / Features: **24V, Tipo /** *Type:* **39MT - Giro sentido horário /** ***Clockwise rotation***

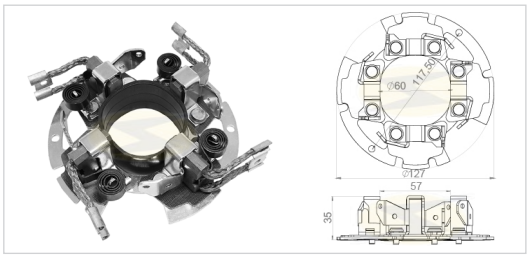
Escova / *Brush*: 9,5 x 32 x 22 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10527543

Partida / Starter: 19011507, 19011509, 19011511, 19011522, 19011523, 19011524, 19011527, 8200034, 8200039, 8200040, 8200101, 8200465, 8200519, 8200032, 8200041, 8200201, 8200431, 8200699, 8200719, 19011512, 19011529

Aplicação / Application: **CNH:** Colheitadeira De Cana A7000 E A7700 Com Motor Cummins / Sugar Cane Loader A700 And A7700 With Cummins Engine **FIAT ALLIS:** Mat Tractor Fc170, Allis Grader Fg170/170.2/200 E 200.2 **TEREX:** Empilhadeira / Forklift Gep 23, **CUMMINS:** 3102920 E 3103914, **VOLVO:** VHD200, VHD300, VHD430, VHD630, VHD670, VHD730, VHD780, VN300, VN430, VN630, VN670, VN730, VN780

Delco **Equivalente /** Replace



UF - 1.184
UF - 1.184/4 4 escovas / *brushes*

Especificações / Features: **12V, Tipo /** *Type:* **41MT** - Escova / *Brush*: 9,6 x 28,6 x 26,6 mm

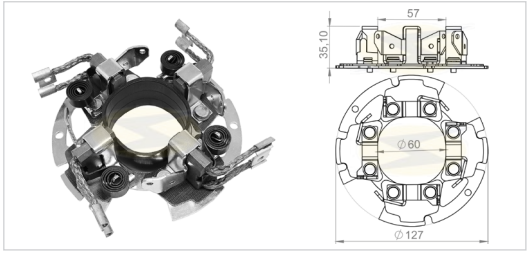
(L x A x C / *W x H x L*) **Quatro pólos isolados /** ***Four isolated poles***

Equivalente / Replace: **DELCO:** 10468705, 10468891, 10453807, 10468892, D793

Partida / Starter: 10479109, 1993969, 8200107, 8200251, 8300038, 10461169, 10461171, 10461227, 10461275, 10461718, 10478825, 10478890, 10478999, 10479035, 10479187

Aplicação / Application: **AGCO, MASSEY-FERGUSON:**Tractor 2360 Com Motor Cummins / *With Cummins Engine,* **CATERPILLAR:** Colheitadeira / *Combine* Mt875, Empilhadeira V30 / V40 / V41 / V50 / V51 / V60, **TEREX:** Máquinas diversas

Delco **Equivalente /** Replace



UF - 1.185/4 4 escovas / *brushes*

Especificações / Features: **24V, Tipo /** *Type:* **41MT** - Escova / *Brush*: 9,6 x 28,6 x 26,6 mm

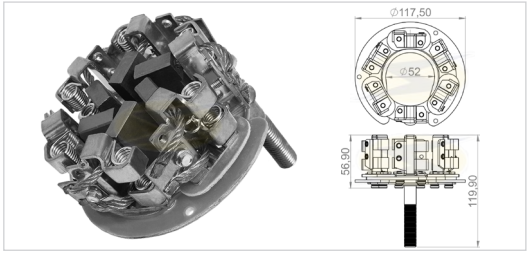
(L x A x C / *W x H x L*) **Quatro pólos isolados /** ***Four isolated poles***

Equivalente / Replace: **DELCO:** 10470208, 10453807, 10500113

Partida / Starter: 10478898, 1993966, 8200155, 8200178, 10479024

Aplicação / Application: **Plataforma / Plataforms** 0400 RSD E SRE (2004→2009), **CATERPILLAR:** Trator de esteiras D6M, **CUMMINS:** Motor ISM / ISX

Delco **Equivalente /** Replace



UF - 1.188
UF - 1.188/6 6 escovas / *brushes*

Especificações / Features: **24V, Tipo /** *Type:* **50MT** - Escova / *Brush*: 8 x 38 x 21,5 mm

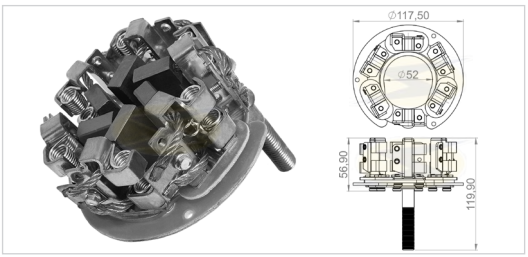
(L x A x C / *W x H x L*) **6 Escovas / Brushes RX 124H**

Equivalente / Replace: **DELCO:** 1984974

Partida / Starter: 9000794, 9000871, 1990227, 1990228, 1990229, 1990231, 1990232, 1990233, 1990235, 1990236, 1990240, 1990241, 1990243, 1990244, 1990247, 1990249, 1990262, 1990263, 1990264, 1990267, 1990268, 1990269, 1990270, 1990272, 1990276, 1990291, 1993739, 1993753, 1993781, 1993825, 1993839, 1993840, 1993841, 1993847, 1993860, 1993922, 1993927, 1993989, 8200035, 8200098, 8200108, 8200206, 8200207, 8200209, 8200259, 8200388, 8200407, 8200480, 8200481, 8200496, 8200528, 8200531, 8200532, 8200533, 8200534, 8200535, 8200536, 8200537, 8200540, 8200541, 8200542, 8200573, 8200574, 8200575, 8200577, 8200590, 8200592, 8200598, 8200797, 8200798, 8200812, 8200831, 8201092, 8201093, 8201094, 8201153, 10461088, 10461105, 10461150, 10461156, 10461381, 10461400, 10461407, 10461499, 10461746, 10461747, 10461748, 10465600, 10465603, 10478822, 10478823, 10478846, 10478847, 10478850, 10478851, 10478852, 10478853, 10478855, 10478856, 10478861, 10478862, 10478863, 10478864, 10478865, 10478866, 10478873, 10478874, 10478878, 10478880, 10478882, 10478883, 10478884, 10478887, 10478888, 10478889, 10478899, 10478901, 10478903, 10478905, 10478907, 10478908, 10478909, 10478911, 10478912, 10479075, 10479088, 10479126, 10479144, 10479145, 10479152, 10479153, 10479218, 10479222, 10479270, 10479272, 10479296, 10479327, 10479333, 10479335, 10479339, 10479340, 10479342, 10479343, 10479345, 10479346, 10479368

Aplicação / Application: **CATERPILLAR:** Assentador de tubos 583K / 589 / 591 / 594H, Caminhão de mineração 730 CEJ / 768B / 768C / 769B / 769C / 772 / 772B / 773 / 773B / 776B / 777B, Compactador de aterro 826C, Compactador de solo 825C, Escavadeira 245 / 345CLRE / 345DL / 346 / 349D2 / 349D2L / 349DL, Motoniveladora 14M / 16M, Pá carregadeira 966H / 972H / 983B / 988 / 988B / 992 / 992B / 992C, Raspador (Scraper) 621K / 623k / 627K / 631D / 633D / 641B / 651B / 657B / 660B / 666B, Recuperadora de rodovias RM300, Trator 824C / 834B, Trator de esteiras D8L / D9L / D9N / D10 / D10N, Motor marítimo D343, 245, 346, 621B, 621E, 623E, 631D / E, 633D, 637E, 639D, 641B, 651B / E, 657B / E, 660B, 666B, 768B / C, 769B / C, 769C, 772 / B, 773 / B, 824 / C, 825C, 826C, 834B, 983B, 988 / B, 992 / B / C, 3406 / 08 / 12, 3508 / 12, 3516, 4D343, D08, **CLARK:** 275K, 380, 475B, 675B, 310, 310III, 310IIIH, 330IIIH, 380, 380III, 380IIIA, 380-2III, 380C-480, 410, 475III, 475B, 675, 675B, **INGERSOLL RAND:** DL 1200, **CUMMINS:** Serie K, Motor QSK78, **KOMATSU:** Caminhão de mineração 930E4

Delco **Equivalente /** Replace



UF - 1.189/6 6 escovas / *brushes*

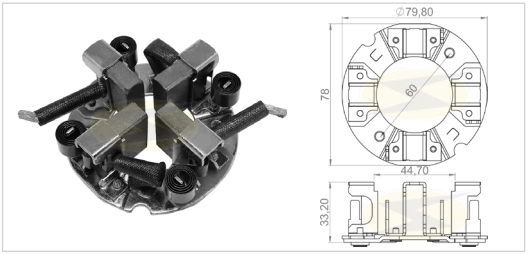
Especificações / Features: **12V, Tipo /** *Type:* **50MT -** Escova / *Brush*: 8 x 38 x 21,5 mm (L x A x C / *W x H x L*) **6 Escovas / Brushes RX 124H**

Equivalente / Replace: **DELCO:** 1945849, 1967354

Partida / Starter: 10461056, 10461129, 10461191, 10461731, 10461738, 10461741, 10478813, 10478877, 10478881, 10478906, 10478910, 10478917, 10479201, 10479297, 10479309, 10479328, 10479336, 10479338, 10479341, 10479352, 10479382, 1109554, 1990261, 1990277, 1993859, 1945849, 1993854, 1993855, 8200569, 8200576, 8200846

Aplicação / Application: **CUMMINS, CHEVROLET / GMC HEAVY DUTY, FORD HEAVY DUTY, FREIGHTLINER, KENWORTH, PETERBILT, VOLVO, WESTERN STAR, CATERPILLAR:** Máquinas diversas

Delco **Equivalente /** Replace



UF - 1.190/4 4 escovas / *brushes*

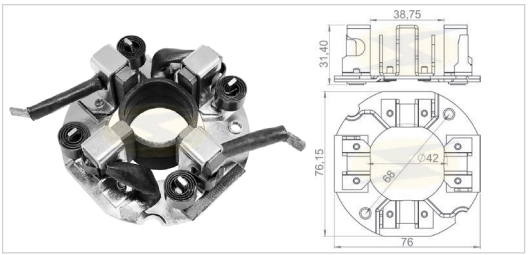
Especificações / Features: **24V, 6,0Kw - Tipo /** *Type:* **38MT -** Escova / *Brush*: 9,5 x 28 x 22 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 8200053, 8200072, 8200078, 8200242, 8200486, 8200733, 8201050

Aplicação / Application: **VOLKSWAGEN:** 19370, B17320 E, B18320 EVO, B19320 EOT Quéops, B19360 E, B24320 E, B25320 E, B25370 E, B25400 E, 31.370, 25,370, 19.370 C/ Motor / W/ Engine 9,3 Litros International / Vwb – 18.310, 19.320, 31.320 – Titan Tactor E Constellation C/ Motor / W/ Engine Cummins Isc 8,3 Litros, Ônibus 19320 Eot – Quéops Evolution C/ Motor / W/ Engine Cummins Isc 8,3 Litros / Liters, 17-320e, 18-320 Evo, 19-360e, 24-320e, 25-320e, 25-370e, 25-400e – Todos C/ Motor / All W/ Engine Cummins, **FORD:** Cargo Eletrônico / Electronic - 2632, 2932, 4532, 5032, Cargo 1932, **CASE:** Colheitadeira de cana A8000 / A8800, **JAC:** HFC4253, **RANDON:** Caminhão de mineração RK430B / RK430M / RK628C / RK628CF / RK628CR, **SCANIA:** P230, P270, P310, P340, P380, P420, P470, P480, R230, R270, R310, R340, R380, R420, R470, R480, T340, T380, T420, T470, **VOLVO:** FH12/380 4x4 Globetrotter, FH12/380 6x2 P. Lotus 3 eixos, FH12/420 4x2 Top-Class, FH12/420 6x4 Globetrotter, FM12/380 6x4 3 eixos, FM12/420 8x4 4 eixos, NH12/380 4x2 Globetrotter, NH12/380 6x4 3 eixos

Delco **Equivalente /** Replace



UF - 1.191
UF - 1.191/2 2 escovas / *brushes*
UF - 1.191/4 4 escovas / *brushes*

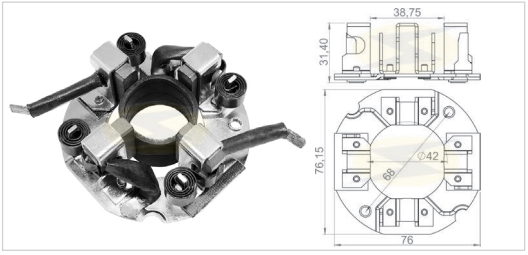
Especificações / Features: **12V, 3,3Kw - Tipo /** *Type:* **29MT -** Escova / *Brush*: 8 x 25 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10527547

Partida / Starter: 8200003, 8200295, 8200196, 8200331, 8200478, 8200014, 8200103, 8200326, 8200400, 8200495, 8200511, 8200564, 8200826, 8200848, 8200849, 8200853, 8200854, 8200866, 8200875, 8200885, 8200887, 8200889, 8200890, 19011400, 19011402, 19011403, 19011407

Aplicação / Application: **MERCEDES BENZ:** Caminhões / Trucks 710, 712e, 1418r, 1720, 1720k, L1620 - Chassi De Ônibus / Bus Frame Lo 712, Lo 812, Lo 814 (Todos C/ Motores Mecânicos / All W/ Mechanic Engine 12v Om 364 E Om 366), Vwb, Caminhões / Trucks Worker, 8-120 Euro Ii E Iii, 13-180 Euro Ii E Iii, 15-180 Euro Iii, 17-180 Euro Iii (Motor / Engine Mwm 4 E 6 Cilindros) Ônibus / Bus 8.120 Od Euro Ii E Iii (Motor / Engine Mwm 4 Cilindros), **VOLKSWAGEN:** 8-120, 9-150, 13-180, 17-180, 8-150, C/ Motor / W/ Engine Mwm, 4 E 6 Cilindros Mecânico / Mechanic, Caminhões / Trucks 8-150, 15-190, 17-250, 24-250 C/ Motor / W/ Engine Cummins Isb 4 E 6 Cilindros Com Cremalheira 10/12 (→2009), **FORD:** Caminhões / Trucks Cargo 815e (4x2) / 1317e (4x2) / 1517e (4x2) / 1717e (4x2) / 1722e (4x2) / 2422e (6x2) / 2622e (6x4) / 2428e (6x2) / 2628e (6x4), C/ Motor / W/ Engine Cummins Eletrônico / Electronic Isb (4 E 6 Cilindros), **AGRALE:** 1600, 4000, 5000, 6000, 7000, Trator 5065 / 5065.4 Compact / 5075 / 5085 / BX100 / BX130 / BX4.90 / BX4.100 / BX4.110 / BX4.130 / BX4.150 / BX6.110 / BX6.150 / BX6.180, **ATLAS COPCO:** Compressor de ar XA56 / XA76 / XA77 / XA97, **CASE:** Colheitadeira de café Coffee Express 200, **CHEVROLET - GM:** D20, Silverado, **MARCOPOLO:** Boxer, Torino, Volare V8 / W8 / W9

Delco **Equivalente /** Replace



UF - 1.192/2 2 escovas / *brushes*
UF - 1.192/4 4 escovas / *brushes*

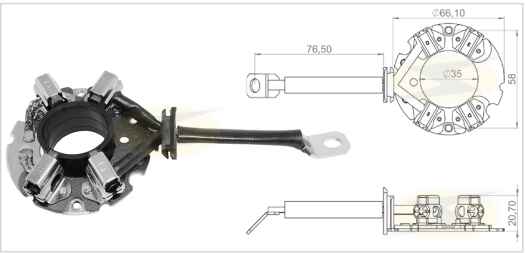
Especificações / Features: **24V, 4,0Kw - Tipo /** *Type:* **29MT -** Escova / *Brush*: 8 x 25 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10527548

Partida / Starter: 8200004, 8200064, 8200138, 8200296, 8200297, 8200054, 8200231, 8200292, 8200357, 8200386, 8200065, 8200278, 8200387, 8200474, 8200512, 8200521, 8200745, 8200776, 8200816, 8200850, 8200882, 8200884, 8200886, 8201097

Aplicação / Application: **MERCEDES BENZ:** 914, 1419, 1621, 1719, 1720, 1726, 1726 4x4, 1729 S, 2423, 2426 6x2, 2429 6x2, Accelo 815 / 1016, Atron 1319 / 2324 / 2729 B (Betoneira) / 2729 K (Basculante) / 2729 P (Plataforma) 6x4, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Axor 1933 / 2533 / 2826 / 2828 / 2831 / 2831 B (Betoneira) / 2831 K (Basculante) / 2831 P (Plataforma), OF1519, OF1724, Caminhões / Trucks 1720a - Chassi De Ônibus / Bus Frame Of 1721, Oh 1420, Oh 1621l, Oh 1623 (Motores Mecânicos / Mechanic Engines 24v Om 364 E Om 366), Grader 845, 845.2, Fg 140.2, Pá Carregadeira W20, 521d, 621d, W130, Motoniveladoras Rg140.B, Rg170.B (Motores / Engines Cummins B 4 E 6 Cc), 712c, 715, 714c, 915c, 1215, 1218el, 1218l, 1418 El, 1418l, 1718, 1725, 2423, 2428, Família Atego (1315, 1418, 1518, 1718, 1725, 2425), L1318, 2423b, 2423k, L1620 Chassi De Ônibus / Bus Frame Lo 914, 0500m / U / R, Of 1417 / 1418 / 1518 / 1721 / 1722 (Motores Eletrônicos / Electronic Engines 24v Om 904 / 906 / 924 / 926), Axor 1933 Caminhões / Trucks 8-150 Eletr Delivery Puls, 9-150e, 10-150e, 13-180e, 15-190e (→06.2009),17-250e, 24-250e (→09.2009) – Motor Cummins Isb 4 E 6 Cil. Ônibus 8-150 Odc / Feb, 9-150 Odc - Motor / Engine Cummins Isb 4 E 6 Cil., **VOLKSWAGEN:** 17230 V-tronic, 17260 V-tronic, 24250 E, Constellation 13180 / 15180 / 17260, Delivery 5150 / 8150 Eletr Plus / 8160 / 9150 EOD / 9160 / 15190 EOD / 17210 EOD / 17230 EOD / 17230 V-tronic / 17260 EOD / 17260 V-tronic, B8150 FEB, B8150 ODC, B8150 ODM, B9150 ODC, Constellation 13-180, 15-180, 17-260, 26-260e, 31-260e (Motor / Engine Mwm Eletrônico / Electronic 4 E 6cc) Ônibus / Bus 8-150odm / Odm Eltr. / Odm Delivery, 9-150eod, 15-190eod, 17-210eod, 17-230eod / Utronic E 17-260eod / Utronic (Motor / Engine Mwm Eletrônico 4 E 6 Cc), 8-150 Eletr Delivery Puls, 9-150e, 10-150e, 13-180e, 15-190e (06.2009→), 17-250e, 24-250e (10.2009→) – Todos Com Motor / All W/ Engine Cummins Isb 4 E 6 Cil. Ônibus / Bus 8-150 Odc / Feb, 9-150 Odc - Todos Com Motor / All W/ Engine Cummins Isb 4 E 6 Cil. Caminhões / Trucks 9-150 Eletr Delivery Motor / Engine Cummins (01.2010 →), **VOLVO:** VM220 4x2R, VM270 4x2R, VM270 6x2R, VM270 6x2R Athor, VM270 6x4R, VM330 4x2R, VM330 4x2T, VM330 6x2R, VM330 6x4R, B270 F, Caminhões / Trucks Vm 210, 260, 310 Com Motores / W/ Engine Mwm 4.12tce E 6.12tce (Substitui Melco), **CASE:** Motoniveladora 845, Pá carregadeira 521D / 621D / W20 / W130, Motoniveladora Rg140b E 845 Com Transmissão / W/ Trasmission Zf, **AGRALE:** 10000, 13000, 14000, MA9.2, MA10.0, MA12.0, MA15.0, MT15.0 LE, **FIAT ALLIS:** Motoniveladora FG140.2, Pá carregadeira FR128, Trator de esteiras 7D / FD170, **MARCOPOLO:** Volare V8 Agrale / W8 Agrale / W9 Agrale, **NEW HOLLAND:** Motoniveladora RG140,

Delco **Equivalente /** Replace



UF - 1.193/4 4 escovas / *brushes*

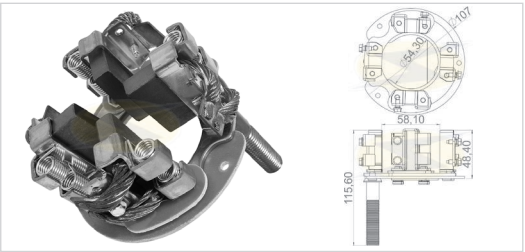
Especificações / Features: **12V, Tipo /** *Type:* **PG260G -** Escova / *Brush*: 5 x 16 x 12,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10453748

Partida / Starter: 9000871, 9000846, 9000794, 8000039, 8000066, 8000073, 9000785, 9000791, 9000795, 9000801, 9000802, 9000833, 9000839, 9000840, 9000847, 9000859, 9000870, 9000872, 10465067, 10465298, 10465384, 10465459, 10465525, 19134005, 19136230

Aplicação / Application: **CHEVROLET - GM:** Blazer, Monza, S-10 4cc 2.2, Astra, Vectra Cd 2000 (Opel), Zafira (Opel), **DAEWOO:** Espero 1.8 / 2.0, Cielo, Espero Cd 2000, Racer, Lanos, Leganza, Nexia, Nubira, **OPEL:** Calibra 2.0i, Frontera 2.0i, Vectra 1.6i / 1.8i / 2.0i

Delco **Equivalente /** Replace



UF - 1.220
UF - 1.220/4 4 escovas / *brushes*

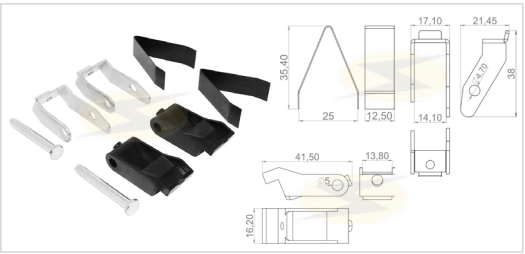
Especificações / Features: **12V, Tipo /** *Type:* **40MT -** Escova / *Brush*: 9,5 x 38 x 19,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 1979387, 1979502, 1979494

Partida / Starter: 1945960, 1948518, 1949611, 1967552, 1967553, 1979185, 1979387, 1979494, 1979502 (DD Séries)

Aplicação / Application: **CATERPILLAR**

Delco **Equivalente /** Replace



UF - 1.221

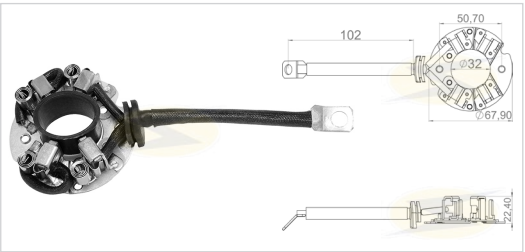
Especificações / Features: **12V, Tipo /** *Type:* **8 / 10 / 15 / 20 / 25 / 27 / 30 / 35 MT, SD 300, Conjunto reparo pólo positivo /** ***Positive Repair Kit***

Equivalente / Replace: **DELCO:** 1926617, 1926618, 1926622, 1926648, 1928015

Partida / Starter: 7322 463 48, 1107194, 1107196, 1107203, 1107204, 1107205, 1107209, 1107237, 1107242, 1107247, 1107248, 1107249, 1107259, 1107260, 1107268, 1107270, 1107282, 1107289, 1107292, 1107293, 1107294, 1107295, 1107298, 1107299, 1107301, 1107302, 1107306, 1107307, 1107308, 1107316, 1107320, 1107330, 1107334, 1107336, 1107340, 1107342, 1107348, 1107350, 1107355, 1107360, 1107363, 1107365, 1107367, 1107370, 1107371, 1107373, 1107374, 1107375, 1107376, 1107377, 1107378, 1107379, 1107385, 1107391, 1107396, 1107398, 1107399, 1107400, 1107496, 1107499, 1107594, 1107596, 1107626, 1107644, 1107648, 1107652, 1107655, 1107675, 1107681, 1107694, 1107704, 1107705, 1107709, 1107717, 1107734, 1107781, 1107785, 1107884, 1107888, 1107922, 1108195, 1108196, 1108197, 1108224, 1108225, 1108226, 1108278, 1108283, 1108289, 1108320, 1108327, 1108328, 1108329, 1108331, 1108335, 1108348, 1108349, 1108351, 1108353, 1108354, 1108357, 1108361, 1108363, 1108365, 1108366, 1108367, 1108371, 1108373, 1108375, 1108378, 1108380, 1108381, 1108382, 1108383, 1108386, 1108387, 1108388, 1108389, 1108391, 1108392, 1108393, 1108396, 1108400, 1108419, 1108420, 1108421, 1108422, 1108423, 1108427, 1108428, 1108429, 1108430, 1108434, 1108435, 1108436, 1108438, 1108439, 1108477, 1108500, 1108501, 1108502, 1108503, 1108504, 1108505, 1108506, 1108507, 1108508, 1108511, 1108512, 1108513, 1108516, 1108517, 1108519, 1108521, 1108523, 1108743, 1108744, 1108745, 1108746, 1108747, 1108748, 1108752, 1108753, 1108755, 1108756, 1108758, 1108759, 1108760, 1108762, 1108763, 1108765, 1108766, 1108768, 1108770, 1108771, 1108772, 1108773, 1108774, 1108776, 1108778, 1108779, 1108780, 1108781, 1108782, 1108789, 1108790, 1108791, 1108794, 1108796, 1108797, 1108798, 1109022, 1109024, 1109025, 1109026, 1109029, 1109033, 1109034, 1109036, 1109038, 1109041, 1109052, 1109055, 1109056, 1109057, 1109059, 1109061, 1109062, 1109063, 1109064, 1109065, 1109066, 1109068, 1109072, 1109075, 1109076, 1109081, 1109084, 1109085, 1109087, 1109088, 1109089, 1109090, 1109091, 1109092, 1109093, 1109094, 1109095, 1109098, 1109355, 1109357, 1109361, 1109363, 1109364, 1109365, 1109367, 1109368, 1109372, 1109385, 1109386, 1109412, 1109415, 1109416, 1109420, 1109422, 1109427, 1109429, 1109430, 1109431, 1109432, 1109434, 1109446, 1109482, 1109486, 1109487, 1109488, 1109489, 1109490, 1109597, 1814510, 1998210, 1998211, 1998212, 1998213, 1998215, 1998216, 1998217, 1998220, 1998221, 1998222, 1998223, 1998226, 1998227, 1998229, 1998234, 1998235, 1998236, 1998238, 1998241, 1998242, 1998243, 1998244, 1998247, 1998248, 1998253, 1998259, 1998260, 1998261, 1998263, 1998264, 1998265, 1998266, 1998267, 1998269, 1998270, 1998271, 1998274, 1998281, 1998285, 1998286, 1998295, 1998302, 1998305, 1998306, 1998313, 1998314, 1998317, 1998318, 1998396, 1998397, 1998400, 1998435, 1998436, 1998437, 1998438, 1998439, 1998440, 1998441, 1998443, 1998452, 1998467, 1998469, 1998470, 1998491, 1998499, 1998501, 1998516, 1998557, 1998558, 1998559, 1998560, 1998561, 1998562, 1998564, 1998565, 1998568, 1998570, 1998574, 1998576, 1998577, 1998579, 1998580, 1998583, 1998584, 1998588, 1998589, 1998590, 1998591, 1998596, 7322463, 10455049, 10455300, 10455301, 10455304, 10455305, 10455306, 10455308, 10455311, 10455312, 10455316, 10455332, 10455340, 10455343, 10455355, 10455600, 10455602, 10455603, 10496873, 10496874, 94619622, 94646679

Aplicação / Application: **CHEVROLET - GM:** Veraneio, Opala, Caravan 2500 4CC / 4100 6CC (1969→1984), C-10, C-14, C-60 (GAS), **ALLIS CHARMES, CADILLAC:** (1957→1963), **HYSTER, FORD:** (1963→1964), **AMC:** (1959→1963), **BUICK:** (1957→1963), **CHECKER CAB:** (1964→1980), **CHEVY / GMC:** TRUCKS (1955→1978), **INTERNACIONAL TRUCKS:** (1957→1979), **JEEP:** (1961→1971), **OLDSMOBILE:** (1957→1974), **PONTIAC:** (1956→ 1974), **STUDEBAKER:** (1965→1966), **APPLICAÇÕES MARÍTIMAS / MARINE APPLICATION: CHRIS CRAFT:** (1967→1978), **CRUSADER:** (1961→1975), **GRAY MARINE:** (1957→1967), **JOHNSON-EVINRUDE:** (1967→1978), **MERCURY:** (1971→1978), **PALMER:** (1955→1963), **UNIVERSAL:** (1961→1964), **CASE:** Tratores, **MASSEY FERGUSON:** Tratores

Delco **Equivalente /** Replace



UF - 1.228/4 4 escovas / *brushes*

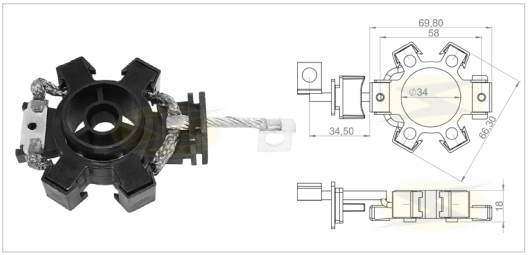
Especificações / Features: **12V, 1,5Kw - Tipo /** *Type:* **PG260F2 -** Escova / *Brush*: 5 x 18 x 15 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10493851

Partida / Starter: 9000836, 9000837, 9000841, 9000842, 9000854, 9000857, 9000858, 9000888

Aplicação / Application: **CADILLAC, MERCURY MARINE, BUICK:** Lesabre 3.8l (1997→2003), Park Aveneu 3.8l (1998→2001), Regal 3.8l (1998→2001), **CHEVROLET GM:** Blazer / S-10 4.3l V6 Vortec, Camaro 3.8l (1998→2000), Impala (2000), Lumina 3.8l (1998→1999), Monte Carlo 3.8l (1998→2000), Silverado 4.8l, 5.3l, Suburban Sierra / Yukon Xl 4.8 / 5.3l, Tahoe Yukon 4.8 / 5.3l, G1500, G2500 4.3l V6, S. Tseries 4.3l V6, **GMC:** Jimmy, Safari, Sierra 4.3l V6, Sonoma, **ISUZU:** Hombre 4.3l V6, **OLDSMOBILE:** Bravada 4.3l V6, 88 3.8l (1998→1999), Intrigue 3.8l (1998→1999), **PONTIAC:** Firebird 3.8l (1998→2001), Grand Prix 3.8l (1997→2000)

Delco **Equivalente /** Replace



UF - 1.230/4 4 escovas / *brushes*

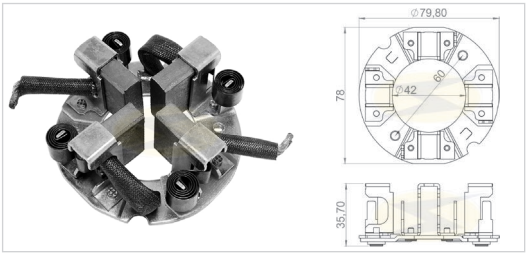
Especificações / Features: **12V, Tipo /** *Type:* **SD80 -** Escova / *Brush*: 5 x 13 x 16 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10475107, 93740997, 93740995, 93740996, 93742469

Partida / Starter: 10455503, 10455506, 10455515, 96275471, 96467385, 96275481

Aplicação / Application: **CHEVROLET-GM:** Aveo 1.6l, Matiz, Nubira (1997→2003), **NISSAN:** Sentra 1.6 / 1.8 / 2.0, **SUZUKI:** Wagon R+ 1.2 4wdm, Swift 1.6l, **PONTIAC:** Wave 1.6l, **DAEWOO:** Cielo, Matiz, Tico, Rezzo, Matiz 0.8, Nubira 1.8, Tico 0.8, **OPEL:** Agila 1.2, Astra 1.2 / 1.4 / 1.6, Corsa 1.0i 12V / 1.2 / 1.3 / 1.4 / 1.4i / 1.4i 16V / 1.6 GSi / 1.6 GSi 16V / 1.6i 16V, Kadett 1.6i, Meriva 1.6, Tigra 1.4 16V / 1.6 16V, Vectra 1.4 / 1.6 16V / 1.6i, Zafira 1.6 16V

Delco **Equivalente /** Replace



UF - 1.241/4 4 escovas / *brushes*

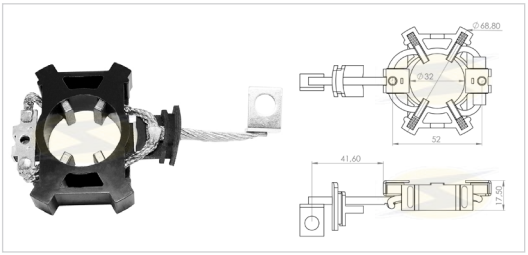
Especificações / Features: **12V, Tipo /** *Type:* **38MT -** Escova / *Brush*: 9,5 x 28 x 22 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10528064

Partida / Starter: 10461768, 10461769, 10461775, 19026027, 19026028, 19026029, 19026031, 19026035, 8200005, 8200007, 8200023, 8200025, 8200075, 8200076, 8200077, 8200211, 8200217, 8200235, 8200239, 8200324, 8200408, 8200977, 8201002, 8201039, 8300005, 8300021, 8300022, 8300024, 8300026, 8300065, 8300066, 8200356

Aplicação / Application: **FORD:** Cargo Motor Cummins Eletronico / Cummins Eletronic Engine, **FREIGHTLINER:** Century C/ Motor / W/ Engine Mbe4000, **CASCADIA:** C/ Motor / W/ Engine Mbe4000, Motor / Engine Mbe 4000, **CASE:** Colheitadeira de algodão 1822 / 1844 / 2055 / 2155, Colheitadeira de grãos 1620 / 1640 / 1644 / 1666 / 1668 / 1670 / 1680 / 1688 / 1690 / 2144 / 2166 / 2188 / 2366 / 2399, Trator 1896 / 2055 / 2090 / 2094 / 2096 / 2290 / 2294 / 2390 / 2394 / 2470 / 2590 / 2594 / 2670 / 2870 / 3294 / 3394 / 4490 / 4494 / 4690 / 4694 / 4890 / 4894 / 4994 / 7110 / 7120 / 7130 / 7140 / 7210 / 7220 / 7230 / 7240 / 7250 / 8930 / 9110 / 9130 / 9210 / 9230 / 9240 / 9310 / 9330, Trator Magnum MX220 (c/ motor Cummins 8.3L) / MX240 (c/ motor Cummins 8.3L) / MX270 (c/ motor Cummins 8.3L), **CUMMINS:** Motor C 8.3L, Motor ISC 8.3L, **FORD:** Cargo 1622 / 1630 / 2422 / 2425 / 2622 / 2626 / 2630 / 2631 / 3222 / 4030 (c/ motor Cummins 8.3L), **VOLKSWAGEN:** 17220 / 17310 / 23210 / 23220 / 23310 / 24220 / 26220 / 26260 / 26310 (c/ motor Cummins 8.3L)

Delco **Equivalente /** Replace



UF - 1.253/4 4 escovas / *brushes*

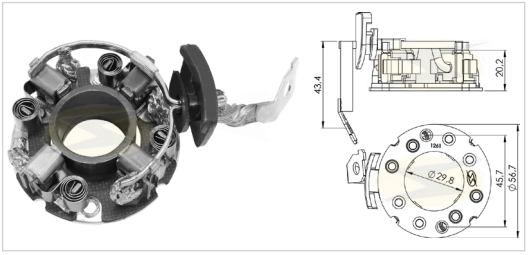
Especificações / Features: **12V,** Escova / *Brush*: 4 x 12,9 x 11,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 111089, 112816, 9627548

Partida / Starter: 96952005, 96952006, 10455503, 10455506, 10455515, 96275481

Aplicação / Application: **CHEVROLET-GM:** Aveo 1.4, Espero 1.5 16V, Kalos 1.4/1.4 16V, Lacetti 1.4/1.4 16V / 1.6/ 1.8, Lanos 1.4 / 1.5 / 1.6 16V, Nexia 1.5 / 1.5 16V / 1.6 / 1.6 16V / 1.8 / 2.0 16V, Rezzo 1.6, Rezzo/Tacuma 1.8, **DAEWOO:** Espero 1.5 16V, Kalos 1.4 / 1.4 16V, Lacetti 1.4 / 1.4 16V / 1.6 / 1.8, Lanos 1.4 / 1.5 / 1.6 16V, Nexia 1.5 / 1.5 16V, Nubira 1.6 / 1.6 16V / 1.8 / 2.0 16V, Rezzo 1.6, Rezzo/Tacuma 1.8 **FIAT:** Stilo Multi Wagon 1.6 16V, **MERCEDES BENZ:** 500 4.7, **OPEL:** Astra F 1.4 i / F 1.4 i 16V / Astra F 1.4 Si / F 1.6 i / F 1.6 i 16V / G 1.2 16V / G 1.2 i 16V / G 1.4 i 16V / G 1.6 / G 1.6 16V / G 1.6 i / G 1.6 i 16V / G 1.6 Twinport / H 1.4 / H 1.4 Twinport GTC **VAUXHALL:** Agila 1.0 12V / 1.2 16V Twinport, Astra E 1.4 i / E 1.4 S / F 1.4 i / 1.4 i 16V / F 1.4 S / F 1.6 i / G 1.2 16V / G 1.4 16V / G 1.6 / G 1.6 16V / MK III 1.4 i 16V / MK III 1.6 i 16V / MK IV 1.2 16V / MK IV 1.6 / MK IV 1.6 16V / MK V 1.4 / Astravan MK IV 1.6 i, Belmont 1.6, Cavalier 1.4 S / 1.6 / 1.6 i, Combo 1.2 / 1.4 / 1.6, Corsa 1.4 i 16V / B 1.0 i 12V / B 1.2 i 16V / B 1.4 i / B 1.4 i 16V / B 1.6 GSi 16V / B 1.6 i 16V / MK II 1.0 12V / MK II 1.2 16V / MK II 1.2 Dualfuel 16V / MK II 1.4 16V / Mk III 1.2 / Mk III 1.4, Corsavan MK II 1.2 Dualfuel 16V, Meriva 1.4 16V Twinport / 1.6 i 16V Twinport, Nova 1.4 S / A 1.2 i / A 1.2 N / A 1.3 i / Nova A 1.4 i / Nova A 1.4 S / Nova A 1.6 GSi, Novavan 1.2, Tigra 1.4 / 1.4 16V, Vectra B 1.6 i / B 1.6 i 16V / Mk II 1.6 / Mk II 1.6 16V / Mk II 1.6 GTS, Zafira 1.6 16V / MK II 1.8

Delco **Equivalente /** Replace



UF - 1.261/4 4 escovas / *brushes*

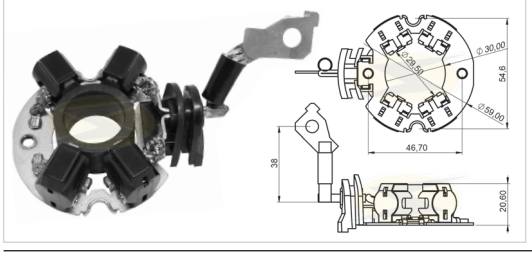
Especificações / Features: **12V, 1,1Kw** Escova / *Brush*: 5 X 15 X 13 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10536527

Partida / Starter: **DELCO:** PG260B, 800660P, 8000444, 8000660, 8000660P, **GMB:** 24579009

Aplicação / Application: **CHEVROLET:** Prisma LT 1.0L, Prisma 1.4L, Prisma LTZ 1.4L, Prisma 1.6L SPE/4 (SOCH), Onix 1.0, Onix 1.4 SPE/4 (SOCH), Prisma, Celta, Agile, Montana, Cobalt, Corsa 1.0 / 1.4 / 1.6 / 1.8, Spark GT (2010-2018)

Delco **Equivalente /** Replace



UF - 1.298/4 4 escovas / *brushes*

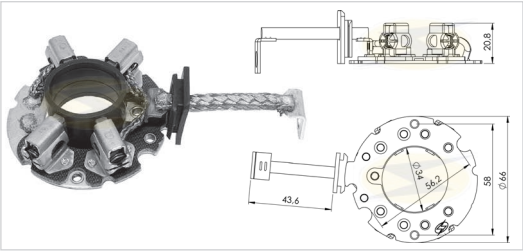
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **PG260D6, PMGR -** Escova / *Brush*: 4,5 x 15 x 12,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 8000357, 8000465, 361003C151, 36100 2G200, 36100 2G300, 96000, **HYUNDAI:** 36100-2E500, 36100-2E550, 36100-2E551, 36100-2G210, 36100-2G400, 36100-3C210, 36100-3C211, 36100-3C230, 36100-3F100, 36100-3F110, 36100-3F160

Aplicação / Application: **KIA:** K900 (2015-2017), Optima (2014-2016), Sorento (2014-2017), Forte 2.0L / 2.4L / 2.0L / 2.4L / 5 2.0L, Magentis 2.4L, Rondo 2.4L, Sportage 2.0L / 2.0 4x4 / 2.4L, Carens 2.0, **HYUNDAI:** Elantra (2011-2019), Equus (2011-2016), Genesis (2011-2016), Graundeur 2.0D / 2.4, IX35 2.0L, Santa Fé 2.4L / Sport (2014-2018), Sonata 2.0L / 2.4L (2014-2017), Tucson 2.0L / 2.4L, **GENESIS:** G80 (2017-2018), G90 (2017-2018)

Delco **Equivalente /** Replace



UF - 1.301/4 4 escovas / *brushes*

Especificações / Features: **12V, 1,4Kw Tipo /** *Type:* **PMGR -** Escova / *Brush*: 5 x 16 x 12,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10472352, 10483463, 10470660

Partida / Starter: PG150, PG150S, PG260F1, PG260G, 10465067, 10465298, 10465384, 10465525, 19134005, 19136230, 21020761, 21020893, 21021366, 8000039, 8000073, 88927881, 88927882, 9000785, 9000791, 9000802, 9000833, 9000839, 9000840, 9000847, 9000859, 9000870, 9000872, 96473777, 8000066, 9000801, 10465459, 9000795

Aplicação / Application: **YALE:** Empilhadeira com motor vortec V6 4.3, **BUICK:** Century, Custom, Limited, Regal LS, Century Custom, **CHEVROLET - GM:** Blazer 2WD, Trail/Pick-up, Cavalier, Impala, Lumina, Malibu, Monte Carlo, Venture APV, **GMC:** Jimmy 2WD / Envoy, **OLDSMOBILE:** Achieva, Alero, Bravada 2WD, Cutlass/Sedan, Silhouette APV, **PONTIAC:** Grand AM, Prix, Montana, Sunfire, Transport, **HYSTER:** Lift Trucks H45XM, H50XL, H50XM, H55XM, H60XM, H65XM, S50XM, S60XL, S60XM, **CADILLAC:** CTS V6, SRX

Delco **Equivalente /** Replace

UF - 1.308/4 4 escovas / *brushes*

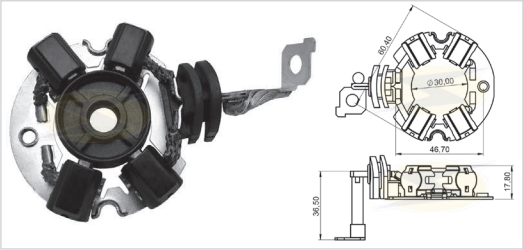
Especificações / Features: **12V, 1,1Kw -** Escova / *Brush*: 4,8 x 14,8 x 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 8000071 - PG 260, 5N1511000AA, 5N1511000AB, B10JL07F, 10G0402

Aplicação / Application: **FORD:** Focus 2.0 16V mecânico (2005-2013), Ecosport 2.0 16V (2005-2013)

Delco **Equivalente /** Replace



UF - 1.325/4 4 escovas / *brushes*

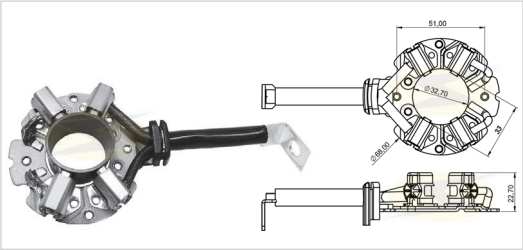
Especificações / Features: **12V -** Escova / *Brush*: 4,6 x 12 x 12,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 61007898M

Partida / Starter: 24587020, 24580797, 24581746, PG260A

Aplicação / Application: **CHEVROLET - GM:** Prisma, Celta, Celta Classic, Agile, Spin, Montana, Onix, Cobalt

Delco **Equivalente /** Replace



UF - 1.342/4 4 escovas / *brushes*

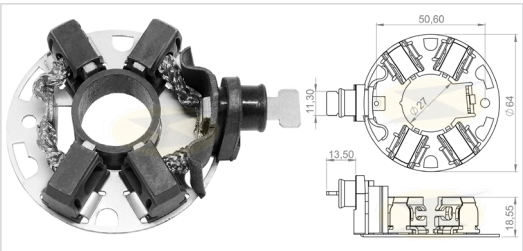
Especificações / Features: **12V -** Escova / *Brush*: 5 x 18 x 15 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 10453919, **WAI:** 69-121

Partida / Starter: **DELCO:** PG260L, 10465578, 12564108, 12570823, 3231471, 9000879

Aplicação / Application: **CADILLAC:** Escalade 5.7 (1999-2000), Escalade 5.8 (1998->), **CHEVROLET:** 2500 8.1 (2001-2002), Astro 4.3 (1992-2005), Avalanche 8.1 (2002->), Blazer 4.3 (1994-2000), C1500 5.7 (1996-1999), C2500 5.7 (1996-1999), C2500 7.4 (1994-2000), C3500 7.4 (1994-2000), C3500 8.1 (2001->), Express 5.0 (1999-2002), Express 5.7 (1999-2002), Express 7.4 (1999-2000), Express 8.1 (2001-2002), G10 5.7 (1996-1997), G1500 5.7 (1998->), G20 5.7 (1996-1997), G2500 5.7 (1998->), G30 5.7 (1996->), G30 7.4 (1996->), G3500 5.7 (1998->), G3500 7.4 (1998->), K1500 5.7 (1996-1999), K2500 5.7 (1996-1999), K2500 7.4 (1994-2001), K3500 7.4 (1994-2001), P30 4.3 (1996-1999), P30 5.7 (1996-1999), P30 7.4 (1996-1999), S10 4.3 (1996-1998), Silverado 6.0 (1999->), Silverado 8.1 (2001-2002), Tahoe 5.7 (1995-2001), **ISUZU:** Hombre 4.3 (1997-2000), **OLDSMOBILE:** Bravada 4.3 (1996-2000), **MERCURY, GM:** Empilhadeiras c/ motor vortec 4.3

Denso **Equivalente /** Replace



UF - 1.249/4 4 escovas / *brushes*

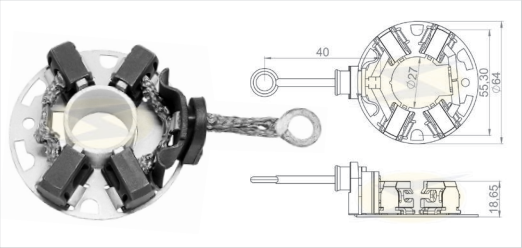
Especificações / Features: **12V, Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 12 x 12,3 mm (L x A x C / *W x H x L*)

Equivalente / Replace: 028510 7370

Partida / Starter: BC 428000 9500, BC 428000 9391, BC 438000 9500, 51911199, 80023 936, 428000 9300, 560298 52AA, BC 438000 3370

Aplicação / Application: **FIAT:** Palio, Uno Vivace, Grand Siena, Siena, Mobi, **JEEP:** Wrangler V6 3.6 (2012-2017), **DODGE:** Ram 1500 V6 3.6 (2015-2016)

Denso **Equivalente /** Replace



UF - 1.250/4 4 escovas / *brushes*

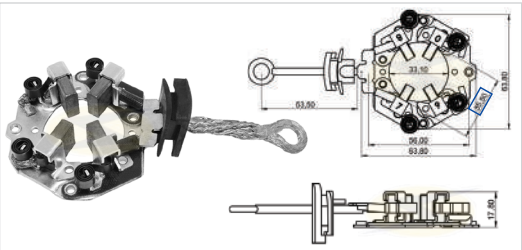
Especificações / Features: **12V, Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 12 x 12,3 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: BC 438000-0920, 02M911021F, BC 438000 0921, 02M911021R

Aplicação / Application: **VOLKSWAGEN:** Fox, Gol G6, Golf 1.2 TSi, Polo 2.0, SpaceCross, Up! 1.0, Voyage G6, Gol 2013, Voyage (2013→), Up! (2013→)

Denso **Equivalente /** Replace



UF - 1.259/4 4 escovas / *brushes*

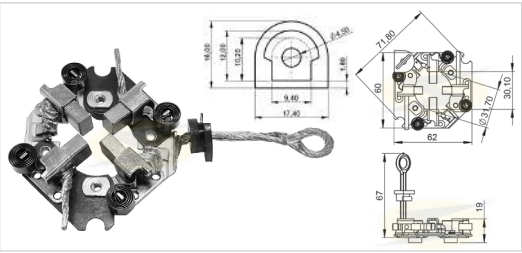
Especificações / Features: **12V, 1,3Kw -** Escova / *Brush*: 5,5 x 14 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 428000 8420, 428000 8421, 428000 8422, 428000 8423, 428000 8424, 12663053, 4280007935, BJ3211001AC, BJ3211001AD, BJ3211001AE, A0061514501

Aplicação / Application: **LAND ROVER:** Freelander 2.0 Si4 4x4 / LR2 2.0, **MINI:** Cooper, **AUDI:** Q5

Denso **Equivalente /** Replace



UF - 1.285/4 4 escovas / *brushes*

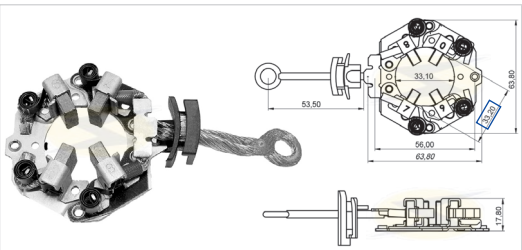
Especificações / Features: **12V** - Escova / *Brush*: 6,3 x 10 x 16 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 028510 0560, 028510 0561, **HONDA:** 31231PA0006, **ISUZU:** 8942391100, **KUBOTA:** 1427863381, **MAZDA:** GE0124750, **SUZUKI:** 3117378310, 3117378311

Partida / Starter: **DENSO:** 0280003730, 0280005330, 0280005331, 0280005332, 0280005333, 0280005334, 0280005335, 0280006391, 0280006392, 0280006393, 0280006394, 0280006395, 0280006396, 0280006490, 0280006491, 0280006492, 0280006493, 0280006494, 0280006495, 0280006520, 0280006600, 0280006720, 0280006721, 0280006790, 0280006810, 0280006811, 0280006812, 0280006813, 0280006820, 0280006821, 0280006822, 0280006823, 0280007091, 0280007092, 0280007093, 0280007100, 0280007101, 0280007102, 0280007110, 0280007131, 0280007132, 0280007133, 0280007210, 0280007290, 0280007331, 0280007332, 0280007440, 0280007460, 0280007461, 0280007462, 0280007470, 0280007480, 0280007520, 0280007521, 0280007580, 0280007581, 0280007651, 0280007680, 0280007681, 0280007720, 0280007760, 0280007980, 0280007981, 0280008010, 0280008160, 0280008200, 0280008590, 0280008690, 0280008700, 0280008730, 0280008770, 0280008921, 0280009010, 0280009020, 0280009090, 0280009091, 0280009470, 0280009500, 0280009501, 0280009570, 0280009680, 0280009810, 0280009900, 0280009901, 0280009902, 0280009960, 1280000010, 1280000290, 1280000670, 1280000680, 1280000920, 1280001070, 1280001200, 1280001210, 1280001310, 1280001610, 1280001620, 1280001760, 1280002050, 1280002170, 1280002420, 1280002430, 1280002500, 1280002540, 1280002680, 1280002700, 1280002940, 1280003230, 2280000160, 2280000170, 1280000350, 1280000351, 1280000461, 1280000600, 1280000690, 1280001311, 1280001360, 1280001621, 1280001861, 1280001862, 1280001863, 1280001890, 1280002431, 1280002550, 1280002551, 1280002640, 1280002660, 1280002670, 1280002860, 1280002861, 1280003621, 1280003641, 1280003730, 1280003740, 1280003741, 1280004480, 1280004671, 1280005230, 1280005650, 1280006230, 1280006240, 1280006750, 1280006890, 1280006891, 1280006970, 1280008130, 1280008650, 1280008660, 1280008670, 1280009540, 1523163015, 1523163016, 2280003380, 2280003381, 2280004310, 0280009490, **FORD:** 83BB11000BA, 83BB11000BB, 85GB11000CA, 86AB11000SA, 86AB11000TA, 86BB11000NA, 86BB11000SA, 87BB11000FA, 91AB11000DA, 91BB11000BA, **ISUZU:** 8941313560, 8941313562, 8942160641, 8942160642, 8944121420, **EFFA:** 300105, **TOWER HAFEI:** 462370895001

Aplicação / Application: **EFFA:** Pick-up, Van, **CN AUTO:** Towner Pick-up, Van, **CHANGAN:** Chana Pick-up, van , **HONDA:** Accord 1.6, Civic 1.2 / 1.5, Civic V 1.3 16V, Civic VI 1.4i / 1.5i, Civic 1.5L (1983 - 1995), **TOYOTA:** Carina 1.6, Celica 1.6, Corolla 1.2 / 1.3 / 1.6 (1984 - 1992), Corona 1.6 / 2.0, Cressida 2.0 RX3, HiAce 1.6, Hilux 1.6 / 2.0, LiteAce 1.3, Starlet 1.0, Empilhadeia 3FG15, **BOBCAT:** Mini pá carregadeira 322, **CATERPILLAR:** Máquinas diversas, **DAIHATSU:** Charade 1.0, Charmant 1.3 / 1.6, **FORD:** Escort 1.4, Fiesta 1.6 XR2, Fiesta III 1.4, **SUBARU:** 1800 XT Coupé Turbo 4WD, Leone 1800 4WD, **SUZUKI:** Alto III 1.0, Alto IV 1.1, Baleno 1.3 / 1.6, Swift II 1.3 / 1.6, Wagon R+ 1.3

Denso **Equivalente /** Replace



UF - 1.309/4 4 escovas / *brushes*

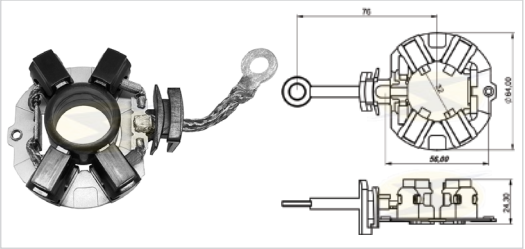
Especificações / Features: **12V,** Escova / *Brush*: 5 x 14 x 15,50 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 438000-0470, 7645979, 428000-4490

Aplicação / Application: **BMW:** 116 1.6 i (2007-2011), 116 2.0 i (2008-2011), 118 2.0 i (2006-2013), 120 2.0 i (2007-2013), 125 3.0 i (2007-2013), 130 3.0 i (2006-2011), 135 3.0 i (2007-2013), 316 1.6 i (2007-2013), 318 2.0 i (2007-2012), 320 2.0 i (2007-2013), 323 2.5 i (2005-2007), 325 2.5 i (2004-2011), 325 2.5 xi (2005-2011), 325 3.0 i (2007-2013), 325 3.0 i xDrive (2008-2013), 325 3.0 xi (2007-2008), 330 3.0 i (2004-2013), 330 3.0 i xDrive (2007-2013), 330 3.0 xi (2005-2012), 335 3.0 i (2006-2013), 335 3.0 i xDrive (2008-2013), 335 3.0 xi (2007-2010), 520 2.0 i (2007-2010), 523 2.5 i (2007-2011), 523 3.0 i (2009-2011), 525 2.5 i (2005-2010), 525 2.5 xi (2005-2010), 525 3.0 i (2007-2010), 525 3.0 i xDrive (2008-2010), 525 3.0 xi (2007-2010), 530 3.0 i (2005-2010), 530 3.0 i xDrive (2008-2010), 530 3.0 xi (2004-2010), 535 3.0 i (2010-2017), 535 3.0 i Gran Turismo (2009-2017), 535 3.0 i xDrive (2011-2016), 535 3.0 i xDrive Gran Turismo (2010-2017), 630 3.0 i (2004-2010), 730 3.0 i (2005-2015), 730 3.0 Li (2005-2015), 740 3.0 i (2008-2012), 740 3.0 Li (2008-2012), X1 3.0 xDrive 25 i (2010-2011), X1 3.0 xDrive 28 i (2009-2011), X3 2.5 Si (2006-2008), X3 2.5 xDrive 25 i (2008-2010), X3 3.0 Si (2006-2008), X3 3.0 xDrive 28 i (2011-2012), X3 3.0 xDrive 30 i (2008-2010), X3 3.0 xDrive 35 i (2010-2017), X5 3.0 Si (2006-2008), X5 3.0 xDrive 30 i (2008-2010), X5 3.0 xDrive 35 i (2010-2013), X6 3.0 xDrive 35 i (2008-2014), Z4 2.5 i (2005-2009), Z4 2.5 sDrive 23 i (2009-2011), Z4 2.5 Si (2006-2008), Z4 3.0 sDrive 30 i (2009-2011), Z4 3.0 sDrive 35 i (2009-2016), Z4 3.0 sDrive 35 is (2010-2016), Z4 3.0 Si (2006-2008), 328D 2.0 / X3 X Drive 2.0 / X1, **MINI:** Cooper, **TOYOTA:** Corolla, Auris, Avensis, Verso, Yaris

Denso **Equivalente /** Replace



UF - 1.318/4 4 escovas / *brushes*

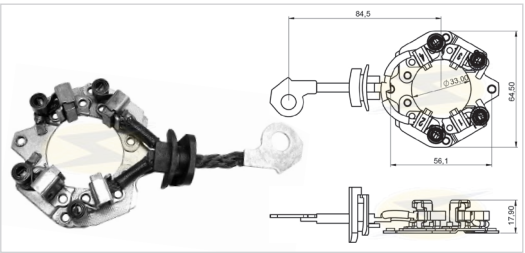
Especificações / Features: **12V,** Escova / *Brush*: 5,5 x 18,5 x 10,3 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 28100-0L180, TG438000-1790

Aplicação / Application: **TOYOTA:** Hilux 1GD (2015) / 2.8 (2016 - 2018)

Denso **Equivalente /** Replace



UF - 1.323/4 4 escovas / *brushes*

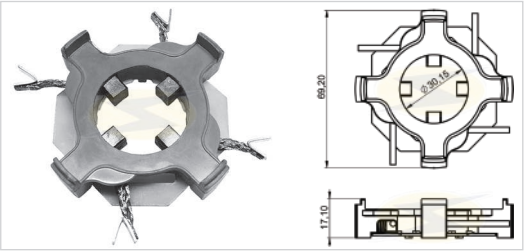
Especificações / Features: **12V** - Escova / *Brush*: 4,4 X 13,8 X 10 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 428000-0670, 428000-0680, 428000- 0700, 428000-1640, 428000-1750

Aplicação / Application: **BMW:** 525i (2003-2004), 530i (2003-2004), 320i (2003-2005), 325i (2002-2006), 330i (2003-2006), X3 (2004-2006), Z4 (2003-2005), **TOYOTA:** Avensis 1.6 / 2.0 (2003-2009), Corolla 1.6 (2004-2007) /1.8 (2001-2007)

Denso **Equivalente /** Replace



UF - 1.327/4 4 escovas / *brushes*

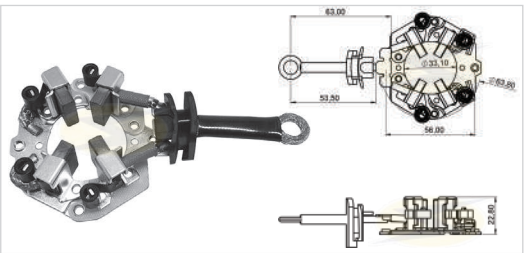
Especificações / Features: **12V** - Escova / *Brush*: 6,5 X 8 X 10 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DENSO:** 28514-5020

Partida / Starter: **DENSO:** 028000 2551 / 9490, 028108 5010, 128000 / 2520 / 2621 / 2890 / 2980 / 3250 / 3251 / 3260 / 3261 / 3262 / 3540 / 3650 / 3651 / 4020 / 4030 / 4031 / 4032 / 4270 / 4290 / 4291 / 4430 / 4520 / 4530 / 4531 / 4532 / 4700 / 4800 / 4870 / 5010 / 5500 / 5650 / 6550 / 6980 / 7050 / 7051 / 7110 / 7150 / 7160 / 7480 / 7490 / 7580 / 7581 / 7720 / 7740 / 7860 / 7940 / 8040 / 8540 / 8920 / 8930 / 9170 / 9171 / 9210 / 9360 / 9362 / 9363 / 9980 / 9981, 228000 0120 / 0121 / 0670 / 0671 / 0770 / 1250 / 1870 / 2210 / 2211 / 2212 / 2213 / 2214 / 2420 / 2640 / 3270 / 3271 / 3340 / 3341 / 4620 / 4890 / 4891 / 4910 / 5160 / 5780 / 6300 / 7190 / 7850 / 7851 / 7860 / 7990 / 7991 / 8020 / 8291 / 8350 / 8740 / 8830 / 8831 / 9180 / 9181 / 9182 / 9261 / 9480 / 9481 / 9580 / 9710, 428000 0230 / 0490 / 0950 / 1000 / 1240 / 1241 / 1243 / 2341 / 2741 / 3120 / 3130 / 5060 / 6610 / 6600 / 6681, DSN931, **CASE:** TR95D9966, **HONDA:** 31200 PH9 004, 31200 ZJ1 841 / 842, **JOHN DEERE:** AM104559, AM105575, AM108390, AM108615, AM109408, AM132303, AM133636, AM133646, AM134946, AW26844, MIA19046, SE501847, **KAWASAKI:** 21163 1147 / 2070 / 2073 / 2077 / 2081 / 2089 / 2093 / 2101 / 2109 / 2114 / 2118 / 2120 / 2127 / 2130 / 7002 / 7014 / 7015 / 7020 / 7023, **KOHLER:** 12 098 03, 12 098 17, 24 098 01, 28 098 02, **KUBOTA:** 12 181 63011, 12 182 63011, 12 183 63011, 12 183 63012, 12 498 63010, 12 499 63010, E7 195 63010, **LESTER:** 16880, 17187, 17439, 17601, 17604, 17628, 17946, 18009, 18010, 18011, 18012, 18048, 18196, 18266, 18404, 18425, 18450, 18504, 18511, 18512, 18533, 18549, 18871, 18873, 18982, 18983, 18985, 19169, 19509, 19558, 19617, **MITSUBISHI:** MD141311, MD15981, MD184420, **TOYOTA:** 28100 31040 / 31041 / 31071 / 87803,

Aplicação / Application: **HONDA:** Fit, GX610K1, GX670, GX670K1, GXV620, GXV670, 24HP, **FORD:** Escort, Fiesta 1.2 / 1.3, **MAZDA, BOMAG, BOMBARDIER, BUSH HOG, CHEVROLET:** Spectrum (1985-1988), **CUB CADET, CUSHMAN, DEINES, EXMARK, GEO, GRASSHOPPER, GRAVELY, ISUZU, JOHN DEERE, KAWASAKI, KENO, KOHLER, KUBOTA, LYNX, MASSEY FERGUSON, NEW HOLLAND, SCOTTES, SKI-DOO, SPLIT-FIRE, STONE, TCM, TORO, WACKER, YAMAHA *(Confira todas as aplicações no site unifap.com.br /** *Check all applications at our website unifap.com.br*)

Denso **Equivalente /** Replace



UF - 1.334/4 4 escovas / *brushes*

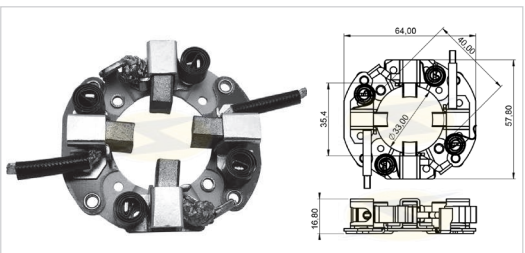
Especificações / Features: **12V** - Escova / *Brush*: 5,5 X 19 x 15,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 7631558, 428000-9130, 428000-5510, 428000-5511, DSN967

Aplicação / Application: **MERCEDES BENZ:** C 200 2.1 Cdi, C 220 2.1 Cdi, C 250 2.1 Cdi / 2.1 CDi 4-Matic, E 200 2.1 Cdi, E 220 2.1 Cdi, E 250 2.1 Cdi / 2.1 CDi 4-Matic, GLK 200 2.1 CDi, GLK 220 2.1 CDi / 2.1 CDi 4-Matic, GLK 250 2.1 CDi 4-Matic / 250 2.1 CDi, Sprinter 213 2.1 CDi / 313 2.1 CDi / 313 2.1 CDi 4x4 / 316 2.1 CDi / 316 2.1 CDi 4x4, Viano 2.0 CDi / 2.0 CDi 4x4 / 2.2 CDi / 2.2 CDi 4x4, Vito 113 2.1 CDi / 113 2.1 CDi 4x4 / 116 2.1 CDi / 116 2.1 CDi 4x, **BMW:** Série 1 / 3 / 6 (2010->), **LAND ROVER:** Range Rover Evoque 2.0 Si4 4x4

Denso **Equivalente /** Replace



UF - 1.341/4 4 escovas / *brushes*

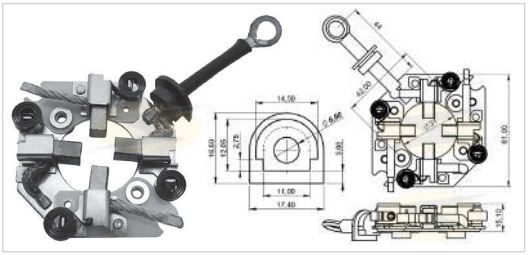
Especificações / Features: **12V** - Escova / *Brush*: 7 x 13 x15,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: **DENSO:** 028000-3590, 028000-8320, 028000-8321, KUBOTA: 1550463010

Aplicação / Application: **KUBOTA:** Motor DM1102 (1981), Trator B2150DT / B9200DT, Escavadeira B1902, **MARINE:** Motor 5424 M-30

Effa **Equivalente /** Replace



UF - 1.340/4 4 escovas / *brushes*

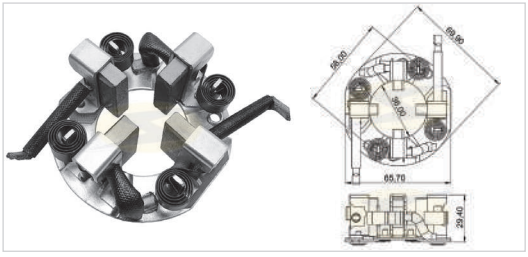
Especificações / Features: **12V** - Escova / *Brush*: 6,5 x 11 x 17 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: **EFFA:** 300105, 462 3708950 01, 4650 208950, EFF030, QD1127

Aplicação / Application: **CHANA:** Pick-Up, Furgão, Van, **EFFA:** Pick-Up, Furgão, Van, **TOWNER:** Pick-Up, Furgão, Van

Faw **Equivalente /** Replace



UF - 1.339/4 4 escovas / *brushes*

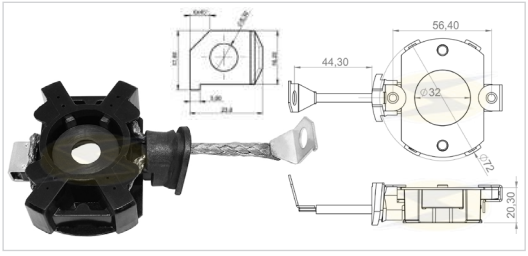
Especificações / Features: **12V** - Escova / *Brush*: 7 x 25 x 17 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: **FAW:** QDJ1409E , QDJ1407A , QDJ1407B

Aplicação / Application: **WEICHAI:** MOTORES/ ENGINES 4102 – 4105 , **XICHAI:** 4DW , **XINCHANG:** XC490 -QC495

Ford / Motorcraft **Equivalente /** Replace



UF - 1.108/4 4 escovas / *brushes*

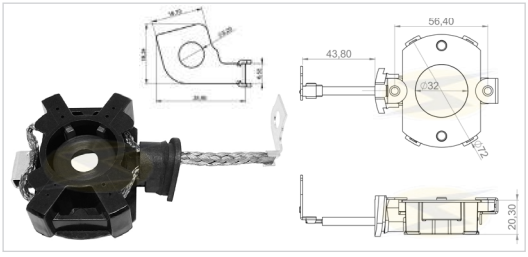
Especificações / Features: **12V** - Escova / *Brush*: 4,6 x 16 x 14 mm (L x A x C / *W x H x L)*

Equivalente / Replace: F3RZ11002C, F3RZ11061A, F3RZ11061C

Partida / Starter: F77211002AA, 93BB11000, 93BB11000HB, 93BB11000JB, 93BB11000JC, 93BB11000KA, 93BB11000KB, 93BB11000KC, 93BB11000KD, F37U11131BA, F3TU11131AA

Aplicação / Application: **FORD:** Bronco, Ecosport, Expedition, Expedition 6cl, Explorer 4.0 L V6, Mustang V6, Ranger, Windstar V6, Escort 1.6 16V / 1.6 16V XR3 / 1.6i 16V / 1.8 16V / 1.8i 16V / 1.8i 16V XR3, F1000 4.0, Maverick 2.0 16V, Mondeo 1.6i / 1.6i 16V / 1.8i / 1.8i 16V / 2.0 16V / 2.0i 16V, **MAZDA:** Tribute 2.0 DX

Ford / Motorcraft **Equivalente /** Replace



UF - 1.109/4 4 escovas / *brushes*

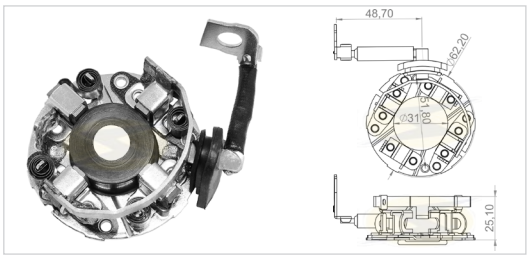
Especificações / Features: **12V** - Escova / *Brush*: 4,6 x 16 x 14 mm (L x A x C / *W x H x L)*

Equivalente / Replace: E90Z11061A, E90Z11061B, E90Z11061C

Partida / Starter: SB-33, SB-335, SB-337, SB-348, SB-353, SB-356, E90F11000AA, E90F-11000BA, E95F11000AA, E95F11000BA, F02F11000AA, F07U11000AA, F07U11000BA, F0CF11000AA, F0CF11000BA, F0OU11000AA, F13U11000AA, 1057652, 1057654, 1057661, 1076141, 1085273, 1087280, 1367529, 1X4U11000AA, 3852582, 5029143, 6775703, 6775704, F0TZ11002B, XS6U11000AD, XS6U11000AC

Aplicação / Application: **FORD:** Contour-4 / 6cl, Courier, Escort 4cl, Fiesta, Ka, Mercure Sable 6cl 3.0l, Van Windstar 6cl, Countor 2.0 / GL / LX / SE, Escape 2.0, Escort 1.6 16V / 1.6 16V XR3 / 1.6i 16V / 1.8 16V / 1.8i 16V / 1.8i 16V XR3, Focus 1.8i 16V / 2.0 16V / 2.0 LE / 2.0 LX / 2.0 RS / 2.0 S2 / 2.0 SVT / 2.0 ZTS / 2.0 ZTW / 2.0 ZX3 / 2.0 ZX5, Mondeo 1.6i / 1.6i 16V / 1.8i / 1.8i 16V / 2.0 16V / 2.0i 16V, Transit Connect 1.8 16V / TDCi, Windstar, **MERCURY:** Cougar 2.0, Mystique 2.0 / GS / LS

Ford / Motorcraft **Equivalente /** Replace



UF - 1.137/4 4 escovas / *brushes*

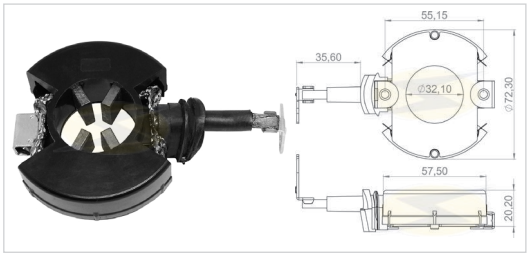
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 6 x 12,7 x 13,35 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 96BB11000AA7, 19 BI, 96FB11000MG, 95FB 11000ME, 1061458, 1063999, 1064000, 1067622, 1104965, 1120214, 1140757, 1151216, 1151642, 1197912, 1218885, 1229427, 1233234, 1233277, 1237323, 1250901, 1251700, 1254222, 1300504, 1325943, 1366473, 1366986, 1368970, 1379702, 1379703, 1386127, 1387091, 1465010, 1469712, 1473072, 1477482, 1477973, 1478129, 4443760, 4587107, 4635595, 7177333, 1S7U11000AA, 1S7U11000AB, 1S7U11000AC, 1S7U11000AD, 1S7U11000AE, 1S7U11000AF, 2S6U11000EA, 2S6U11000EB, 2S6U11000EC, 2S6U11000ED, 2S6U11000EE, 2S7T11000AA, 2T1411000AA, 2T1411000BA, 2T1411000BB, 2T1411000BC, 2T1411000CA, 3M5T11000AB, 3M5T11000AC, 3M5T11000AD, 3M5T11000AE, 3M5T11000CB, 3M5T11000CC, 3M5T11000CD, 3M5T11000CE, 3M5T11000CF, 3S7T11000AC, 3S7T11000AD, 4M5T11000AA, 4M5T11000AB, 4M5T11000AC, 4S4T11000AA, 6G9N11000AA, 6G9N11000AB, 6G9N11000BB, 6G9N11000JA, 6G9N11000JB, 6S4T11000AA, 7G9N11000AB, 7G9N11000AC, 96BB11000AA, 96BB11000AB, 96FB11000MD, 98AB11000CB, 98AB11000CC, 98AB11000CD, F7RU11000AA, R93BB11000AC, XS7U11000C4A, XS7U11000CB, YS4U11000AA, YS4U-11000AB, YS4U11000BA, YS4U11000DA, YS4U11000DB

Aplicação / Application: **FORD:** B-Max 1.6 TDCi, C-Max 1.6 TDCi / 1.6 Ti, Courier 1.5 TDCi / 1.6 TDCi, Escort VI 1.8i, Fiesta V 1.4 TDCi / 1.6 TDCi, Fiesta VI 1.4 TDCi, Focus 1.4 / 1.6 / 2.0 / 2.0i 16V, Fusion 1.4 TDCi / 1.6 TDCi, Galaxy 2.0 / 2.3, Ka 1.3, Maverick 2.3, Mondeo 1.6 / 1.8 / 2.0 / 2.0 TDCi / 2.5 / 3.0, Ka, Escort, Fiesta, Contour Lx / Se / Sport, Focus Le / Lx / S2 / Se / Street / Svt / Zts / Ztw / Zx5, **MERCURY:** Cougar, Mystique Gl / Ls, **JAGUAR:** X-Type 2.1 V6 / 2.5 V6 / 3.0 V6, **MAZDA:** 2 1.4 CD, 2 1.6 CD, 3 1.6 Di Turbo, Tribute 2.3 / 3.0 V6, **VOLVO:** C30 1.6 / 1.8 / 2.0 / 2.5, C70 2.5, S40 1.6 / 1.8, S60 2.4 / 2.5, V40 2.0, V50 1.6, V70

Ford / Motorcraft **Equivalente /** Replace



UF - 1.176/4 4 escovas / *brushes*

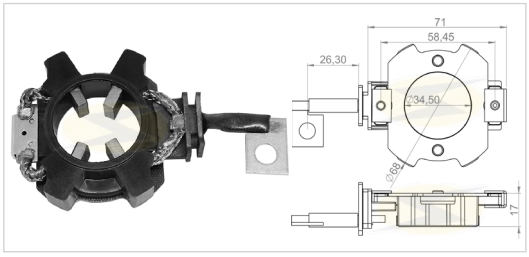
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 16 x 16,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: F81U11434AA

Partida / Starter: F81Z11002AA, XL1Z11002AA, XW4U11000CG, XW4Z11002CG, 1L2U11000AA

Aplicação / Application: **FORD:** Courier, Ranger, F-150, 4.6l / 5.4l V8 (1999→2001), 6.8l V10, F-100, Explorer 4.6, Transit, 4.6l V8 (1999→2001), 5.4l V8 (2000→2001), 6.8l V10 (2000→2001), Excursion, Expedition, Thunder Bird, **LINCOLN:** Blackwood, Navigator

Ford / Motorcraft **Equivalente /** Replace



UF - 1.177/4 4 escovas / *brushes*

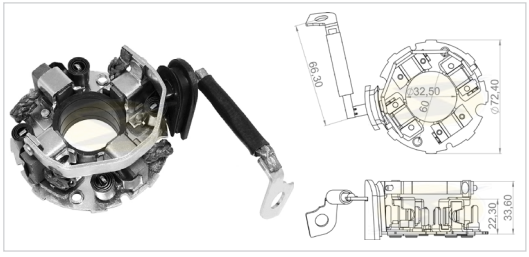
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,8 x 13 x 12 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 10455505, **DAEWOO:** AA10018400

Aplicação / Application: **FORD, EURO, DAEWOO:** Towner

Ford / Motorcraft **Equivalente /** Replace



UF - 1.183/4 4 escovas / *brushes*

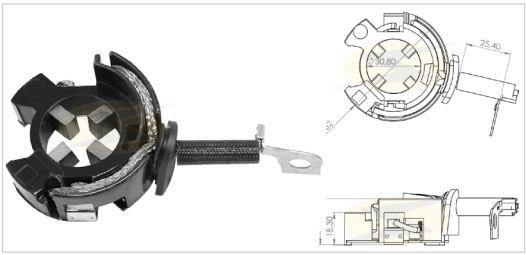
Especificações / Features: **12V -** Escova / *Brush*: 8,2 x 19,2 x 22,3 mm (L x A x C / *W x H x L*)

Equivalente / Replace: F7RU11434BA, F7RUBA

Partida / Starter: 4878768, 93BB11000JB, 97BB11000BB, 97BB11000BC, 97CA11000AB, 97VB11000A, 97VB11000AA, 97VB11000AB, 97VB11000B, 97VB11000BA, 98AB11000AC, 98AB11000BC, 98VB11000B1A, 98VB-11000B3A, 98VB11000BA, F3RZ11002A, F3RZ11002B, F3RZ11002C, F50Y11002A, F87U11000, YC1U11000AB

Aplicação / Application: **FORD:** F-100, F-1000, Courier, Ranger Diesel, Transit, Orion, C-Max 2.0 TDCi, Escort 1.8 Diesel / 1.8 Diesel Express / 1.8 TD / 1.8 TD Express, Fiesta 1.8 Diesel / 1.8 TD, Focus 1.8 TD / 1.8 TDCi / 1.8 TDDi / 2.0 TDCi, Galaxy 2.0 TDCi, Grand C-Max 2.0 TDCi, Mondeo 1.8 TD / 2.0 DI/TDDi 16V / 2.0 TDCi / 2.0 TDCi/TDDi 16V / 2.0 TDDi 16V / 2.2 TDCi, S-Max 2.0 TDCi, Transit 2.0 Diesel / 2.2 TDCi / 2.4 Diesel / 2.4 TDCi / 2.5 Diesel / 2.5 DTi / 2.5 TD / 2.5 TDi, **JAGUAR:** X-Type 2.2 Diesel, **MAZDA:** 121 1.8 Diesel, **VOLVO:** C30 2.0 Diesel, C70 2.0 Diesel, S40 2.0 Diesel, S80 2.0 TDi, V50 2.0 Diesel, V70 2.0 Diesel

Ford / Motorcraft **Equivalente /** Replace



UF - 1.252/4 4 escovas / *brushes*

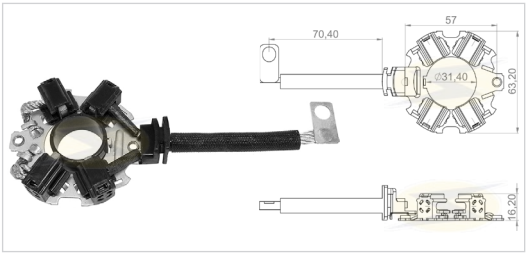
Especificações / Features: **12V** - Escova / *Brush*: 5,8 x 13 x 14 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: XS6U-11000-B4A

Aplicação / Application: **FORD:** Fiesta, Fiesta Street, Ka, Courier

Hitachi / Mitsubishi **Equivalente /** Replace



UF - 1.180/4 4 escovas / *brushes*

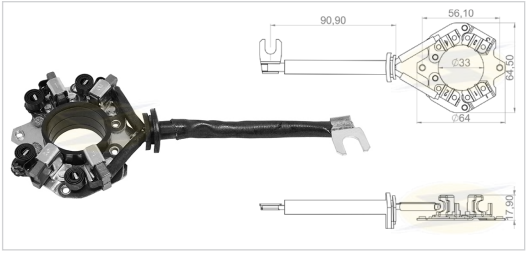
Especificações / Features: **12V** - Escova / *Brush*: 4,5 x 12 x 12,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **MITSUBISHI:** M321X14176

Partida / Starter: M000T30771, M000T32171, M000T32172, M000T36971, M000T36971ZE, M000T85981, M0T30771, M0T32171, M0T32172, M0T36971, M0T36971ZE, M0T85981, MD362207

Aplicação / Application: **CHRYSLER, DODGE, HYSTER:** Empilhadeira / Forklift, **MITSUBISHI:** Pajero Sport 2001, **HITACHI:** Máquinas diversas, **NISSAN:** Sentra, Veículos Com Motores / Vehicles With Engine Ga15, Cube 1.6 16V, Juke 1.6i, Micra 1.6, Note 1.6, NV200 1.6 16V, Qashqai 1.6, Tiida 1.6, **OPEL:** Agila 1.0, Agila 1.2, **RENAULT:** Captur 1.6i 16V, Duster 1.6i 16V, Fluence 1.6i 16V, Logan 1.6i, Sandero 1.6i 16V, **SUZUKI:** Splash 1.2, **VAUXHALL:** Agila 1.0

Hitachi / Denso **Equivalente /** Replace



UF - 1.205/4 4 escovas / *brushes*

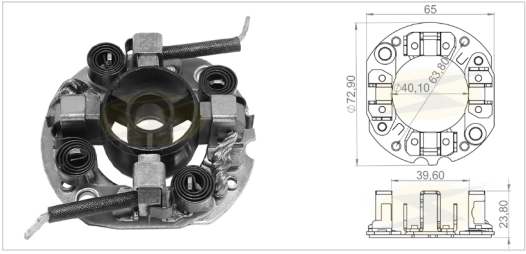
Especificações / Features: **12V - Tipo /** *Type:* **PMGR** - Escova / *Brush*: 4,5 x 14 x 17 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 2114 23106, 2114 53104, 2114 53105, 2114 63104, 2114 73105, 2114 83104, 233780 M300, 233781E400

Partida / Starter: **HITACHI:** 51899848, 4280000341, 4280000670, 4280000680, 4280001760, S114 750, S114 751, S114 753, S114 758, S114 762A, S114 765, S114 775A, S114 800, S114 801, S114 805, S114 08, S114 816, S114 818, S114 829A, S114 829B, S114 850, 31100 96J01, S114 868B, S114--753C, S114-755, S114-756, S114-766A, S114-767, S114 - 951A, S114 951B, S114 922, **DENSO:** 752 1122-03, 428000-7400, **CHRYSLER:** 04801694AC

Aplicação / Application: **ACURA, ISUZU, FIAT:** Strada, **JEEP:** Grand Cherokee Laredo (2010→2012), **BMW:** 335, **NISSAN:** Sentra, **RENAULT:** Fluence, **SUZUKI:** Motor de popa

Hitachi **Equivalente /** Replace



UF - 1.214/4 4 escovas / *brushes*

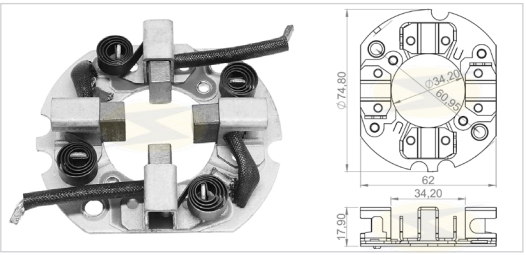
Especificações / Features: **12V, 2,3 KW - Tipo /** *Type:* **OSGR** - Escova / *Brush*: 7 x 19 x 15,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 2130 13022, 21301306, 213053021, 213053022, 213073021, 213073022, 213093021, 21309305, 22401310, 22402310, EC45011, 8941369010, 8942420630, 8943378660, 8944788630, 2337810G00, 2337854A00, 23378V7200, 23378W2500, 21302306, 22403310, 213013022, 213057

Partida / Starter: RFB S114482, RFB S131068, S1391, S1391A, S13114, S13102A, S13105, S13107, S13121, S13137A, S13200, S13203, S13210B, S13210C, S13282, S13289, S13289A, S13294, S13302, S13302A, S13305, S13307A, S13317, S13321, S13322, S13326, S13327, S13329, S13331, S14203, S14210, 213061004, 213081004, 233100Y000, 2330010T02, S114357C, S13101, S13102, S13104, S13105A, S13106, S13106A, S13106B, S13106C, S13106E, S13107A, S13109, S13111, S13112, S13113, S13114A, S13115, S13118, S13118A, S13122, S13126, S13126A, S13127, S13127C, S13131, S13132, S13136, S13204, S13207, S13207A, S13207C, S13212, S13213, S13302B, S13305A, S13332, S13404, S13407, S13407A, S13502A, S13527, S13527A, S13527B, S13551, S13551A, S13551C, S13553, S13553A, S13556, S13556A, S13559B, S13563B, S1362, S1362A, S1362B, S1364, S1366, S1366A, S1369, S1370A, S13759, S1381, S1382A, S1382B, S1383, S1384, S1384A, S1384B, S1389, S1389A, S1389B, S1389C, S1389D, S1392, S1392A, S1402, S1403, S14102, S14205, S14206, S14210A, S14407A, S2003, S2005, S2006, S2007, S2009, S2012, S2015, S2024, S2401B, S2401C, S2401D, S2403A, S2403C, S2405A, S2405B, S2407, S2411, S25110A, S25110G, S25514, 8411155670, 8941150670, 8941155670, 8941155671, 8941155672, 8941364480, 8941364481, 8941364482, 8941475492, 8941492490, 8942387580, 8942549221, 8943334380, 8943876530, 8944299780, 8944339120, 8944339121, 8944339122, 8944532120, 8944694963, 8971366880, 8973234370, 2330011M02, 233001S900, 233002T710, 2330040K21, 2330054A05, 2330057J05, 2330065N51, 2330083W00, 8452325, 12948677011, 12994077010

Aplicação / Application: **KOMATSU:** Empilhadeira / Forklift Fg40, **NISSAN:** Almera 2.0, Eco-T 3.0 TD, Patrol GR II 2.8 TD, Primera 2.0 D, Sunny II 2.0 D, Terrano 2.7 TD, Trade 3.0, Empilhadeira / Forklift, (Partidas / Starters Rfb S114482), Capistar 2.3d / 2.3 Td / 2.5 Td / 2.7 Td, King Van 2.3 D / 2.5 D, Urvan 2.0 / 2.3 Td / Td27, Terrano 2.7 Td, Pick Up D. (Partidas / Starters Rfb S131068), **GMC:** 7.110, **DOOSAN:** Escavadeira Solar 75-V, **FORD:** Maverick 2.7 TD, **GEHI:** Mini pá carregadeira, **ISUZU:** 8.94478-863-0, KT 3.3 D, Midi 2.4 TD, NKR 3.1 D / 3.3 Diesel, NPR 3.3 Diesel, Rodeo 3.0 TD, Trooper 3.0 DTi, WFR 2.0 D, **THERMO KING:** Refrigerador SB-II 30, **YANMAR:** Motores diversos

Hitachi **Equivalente /** Replace



UF - 1.215/4 4 escovas / *brushes*

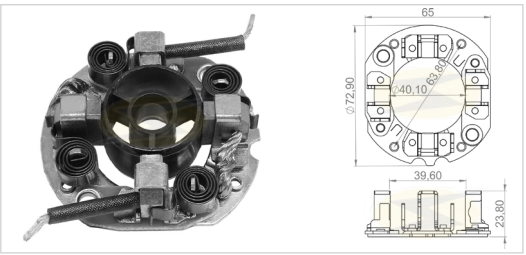
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **G / R -** Escova / *Brush*: 6,8 x 14 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 2114 79001, 23378 M4901, 21144311, YMR000311, 23376M4901

Partida / Starter: S114 252, S114 253, S114 254, S114 255, S114 257, S114 258, S114 264, S114 296, S114 322, S114 344, S114 357, S114 393, S114 429, S114 458, S114 252A, S114 252F, S114 253A, S114 254A, S114 254B, S114 254C, S114 254D, S114 255A, S114 257G, S114 257H, S114 258C, S114 268, S114 290, S114 290A, S114 290B, S114 293, S114 296A, S114 322A, S114 338A, S114 342, S114 342A, S114 357A, S114 357B, S114 357C, S114 367, S114 374B, S114 395, S114 395A, S114 403B, S114 429A, S114 453, S114 454, S114 459, S114 471, S114 471A, S114 472, S114 472A, S114 473, S114 480, S114 480A, S114 480B, S114 481, S114 481A, S114 482, S114 483, 5811001992, 8941155650, 8941333381, 8943325860, 8943863280, 8944548911, 8944839180, 8971177700, 2330005P01, 2330011M02, 2330037J00, 2330037J05, 23300N5903

Aplicação / Application: **MASSEY-FERGUSON, TOYOTA, YANMAR, CARRLER:** Máquinas diversas com motor Yanmar, **ISUZU:** Gemini (I-Mark) 1.5 TD, **KOMATSU:** Empilhadeira FG35, **NISSAN:** CD17, Cherry II 1.0 / 1.2, Patrol 2.8 / GR 4.2, Sunny II 1.6 16V / 1.8 GTi 16V, **OPEL:** Astra 1.7 TD, Corsa 1.5 D / 1.5 TD, Kadett 1.5 TD, Vectra 1.7 TD, **THERMO KING:** Refrigerador KD-II SR / MD-200 / MD-200-MT / MD-300 / MD-II MAX / MD-II MAX SR / RD-II / TS Spectrum TK / TS-200 / TS-300 / TS-500

Hitachi **Equivalente /** Replace



UF - 1.312/4 4 escovas / *brushes*

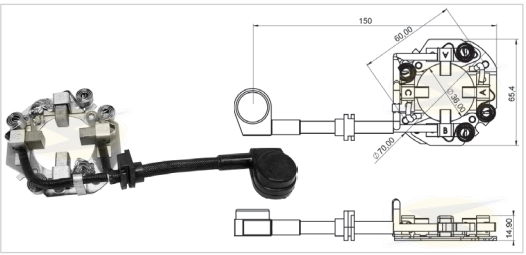
Especificações / Features: **24V, 3,7 Kw -** Escova / *Brush*: 7 x 19 x 15,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: S25163A, S25501, S25505, S25505E, S25505G, S25514, S25514A, 8973239350, 8973239352, 8980450271, 898045 0273

Aplicação / Application: **JCB, KOBELCO, CAT:** Excavator, Motores/Engines Isuzu, Sakai Gw750, **CASE:** CX180C,

Hitachi **Equivalente /** Replace



UF - 1.331/4 4 escovas / *brushes*

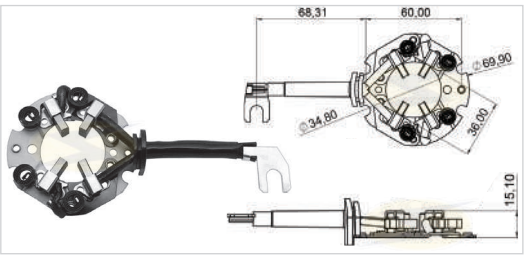
Especificações / Features: **12V -** Escova / *Brush*: 7 X 11 X 16 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **WAI:** 69-8114, 69-8115, 69-8115-3, 698115, **CARGO:** 137750

Partida / Starter: **HITACHI:** 2114 13103, 2114 23104, 2114 39008, 2114 83102, 2114 93102, GD312593 B, S114 517C, S114 520B, S114 527A, S114 527B, S114 534, S114 701A, S114 701C, **NISSAN:** 23378 53J02, 23378 77A01

Aplicação / Application: **NISSAN:** 200SX (1995-1998) L4 1.6L 1597CC 97CID, NX (1991-1993) L4 1.6L 1597CC 97CID, Pulsar NX (1989-1990) L4 1.6L 1597CC 97CID, Pulsar NX (1990) L4 1.6L 1597CC, Sentra (1989-1999) L4 1.6L 1597CC 97CID, Sentra (1990-1993) L4 1.6L 1597CC, Tsuru (1995-2006) L4 1.6L 1597CC 97CID, Pathfinder, **ISUZU, ACURA, EMBARCAÇÕES / *MARINE APPLICATION:*** Com motores de partida HITACHI / *with starter HITACHI*

Hitachi **Equivalente /** Replace



UF - 1.332/4 4 escovas / *brushes*

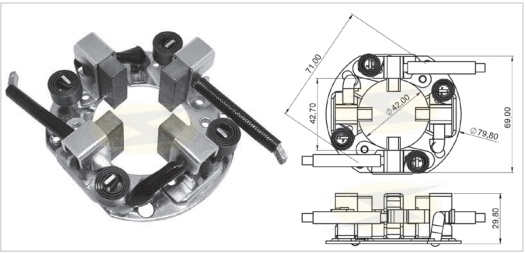
Especificações / Features: **12V -** Escova / *Brush*: 4,5 x 10,8 x 14,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: S114-656A, 119865-77012

Aplicação / Application: **YANMAR:** Tractors, **CUMMINS:** Onan gerador para embarcações / generator for marine application

Hitachi **Equivalente /** Replace



UF - 1.338/4 4 escovas / *brushes*

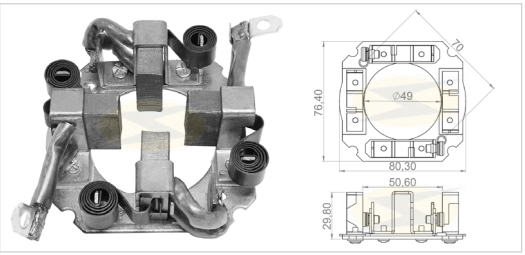
Especificações / Features: **12V -** Escova / *Brush*: 8 x 25 x 18 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: **HITACHI:** S13 289, S13 289A, S13 289B, S13 289C, S13 89, S13 89A, S13 89B, S13 89C, S13 89D, S13 211

Aplicação / Application: **THERMO KING:** SB-190 Motor Liter Isuzu 2.2L (TK DI2.2 -SE), SB-I Motor Isuzu 2.2L (TK DI2.2-SE) (1974 -1981), SB-II, SB-II MAX, SB-II SR, SB-III, SB-III MAX e SB-III SR Motor Isuzu 2.2L (TK DI2.2-SE), SMX, SMX II, SMX SR, Super II, Super II MAX, Super II SR, Super II TC, Super, NWD, TD-I e TD-II Motor Isuzu 2.2L (TK DI2.2-SE)

Iskra **Equivalente /** Replace



UF - 1.213/4 4 escovas / *brushes*

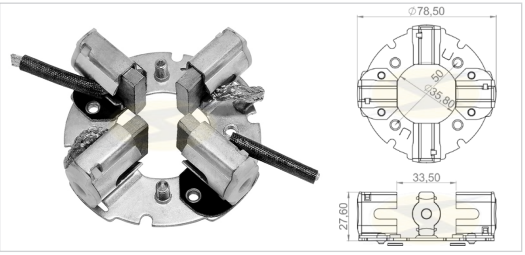
Especificações / Features: **12V** - Escova / *Brush*: 10 x 25 x 23 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **ISKRA:** 16 906 708, 16 906 265, 16 908 264, 16 906 810, MSX180, MSX210, **LETRIKA:** 16 906 708, **Mahle:** MSX 210

Partida / Starter: AZJ 3313 K4W Z9, 11 130 664, 11 130 679, 11 130 695, 11 130 739, AZJ 3216, AZJ 3226, AZJ 3236, AZJ 3261, AZJ 3405, 15 0679, 15 0695, 15 0739, 15 1063, 11 130 824, AZJ3287, 11 130 707, 11 130 971, 11 132 429, AZJ3245, AZJ3346, AZJ3482, 11 130 627

Aplicação / Application: **NEW HOLAND, VALTRA (VALMET):** Tratores / Tractors, **BOBCAT:** Mini pá carregadeira 641 / 741 / 843 / 843B / 853 / 853B / 943 / 974, **CASE:** Colheitadeira 6000 / 6500, Trator Maxxum 5120 / 5130 / 5140 / 5150 / 5220 / 5230, **JOHN DEERE:** Colheitadeira 3520 / 9470 / 9570, Pás carregadeiras, Retroescavadeira 310SE / 310SG / 410E / 410G, Trator 6403 / 6603

Iskra **Equivalente /** Replace



UF - 1.236/4 4 escovas / *brushes*

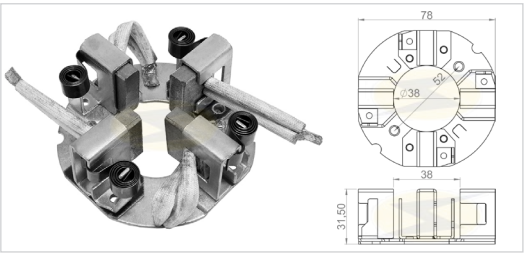
Especificações / Features: **12V** - Escova / *Brush*: 6,3 x 21,8 x 14,9 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **ISKRA:** 16 908 752, **MAHLE:** MX 5,

Partida / Starter: AZE4573, 11 131 223, 11 131 426, 11 131 598, 11 131 599, 11 131 279, 11 131 198, 11 131 535, 11 131 659, 11 131 063, 11 131 108, 11 131 109, 11 131 112, 11 131 116, 11 131 221, 11 131 315, 11 131 384, 11 131 476, 11 131 477, 11 131 478, 11 131 515, 11 131 526, 11 131 556, 11 131 560, 11 131 570, 11 131 600, 11 131 603, 11 131 605, 11 131 606, 11 131 663, 11 131 696, 11 131 716, 11 131 731, 11 131 746, 11 131 750, 11 131 751, 11 131 752, 11 131 753, 11 131 761, 11 131 772, 11 131 773, 11 131 780, 11 131 781, 11 131 788, 11 131 789, 11 131 802, 11 131 821, 11 131 833, 11 131 885, 11 131 890, 11 131 892, 11 131 915, 11 131 921, 11 131 932, 11 131 942, 11 131 946, 11 131 947, 11 131 948, 11 131 949, 11 131 950, 11 131 951, 11 131 953, 11 131 956, 11 131 957, 11 131 964, 11 131 966, 11 131 967, 11 131 983, 11 131 984, 11 131 985, 11 131 986, 11 131 989, 11 132 007, 11 132 010, 11 132 050, 11 132 051, 11 132 058, 11 132 059, 11 132 064, 11 132 067, 11 132 068, 11 132 077, 11 132 095, 11 132 101, 11 132 121, 11 132 127, 11 132 128, 11 132 134, 11 132 144, 11 132 153, 11 132 154, 11 132 155, 11 132 156, 11 132 159, 11 132 160, 11 132 165, 11 132 166, 11 132 168, 11 132 169, 11 132 173, 11 132 180, 11 132 182, 11 132 193, 11 132 196, 11 132 205, 11 132 227, 11 132 278, 11 132 279, 11 132 305, 11 132 306, 11 132 324, 11 132 330, 11 132 332, 11 132 344, 11 132 360, 11 132 376, 11 132 377, 11 132 378, 11 132 382, 11 132 383, 11 132 389, 11 132 399, 11 132 401, 11 132 413, 11 132 428, AZE4122, AZE4123, AZE4125, AZE4139, AZE4150, AZE4151, AZE4159, AZE4165, AZE4167, AZE4168, AZE4169, AZE4170, AZE4171, AZE4172, AZE4173, AZE4176, AZE4183, AZE4185, AZE4189, AZE4190, AZE4192, AZE4194, AZE4195, AZE4197, AZE4199, AZE4201, AZE4202, AZE4203, AZE4204, AZE4205, AZE4207, AZE4208, AZE4213, AZE4214, AZE4215, AZE4217, AZE4221, AZE4222, AZE4224, AZE4225, AZE4226, AZE4227, AZE4230, AZE4233, AZE4234, AZE4238, AZE4239, AZE4240, AZE4241, AZE4244, AZE4245, AZE4247, AZE4248, AZE4250, AZE4251, AZE4252, AZE4253, AZE4254, AZE4255, AZE4256, AZE4261, AZE4265, AZE4266, AZE4269, AZE4270, AZE4272, AZE4273, AZE4276, AZE4280, AZE4281, AZE4282, AZE4283, AZE4284, AZE4285, AZE4534, AZE4535, AZE4536, AZE4540, AZE4557, AZE4566, AZE4579, AZE4589, AZE4597, AZE4603, AZE4620, AZE4648, AZE4649, AZE4653, AZE4654, AZE4655, AZE4660, AZE4663, AZE4667, AZE4668, AZE4674, AZE4679, AZE4683, AZE4684, AZE6513, AZE6514, AZE6515, AZE6524, AZE6526, AZE6530, AZE6531, AZE6537, AZE6544, AZE6554, AZE6555, AZE6556, AZE6557, AZE6558, AZE6559, AZE6562, AZE6563, AZE6567, AZE6572, AZE6589, AZE6590, AZE6626

Aplicação / Application: **YANMAR, ATLAS COPCO:** Compressor de ar XAS47 / XAS57 / XAS67 / XAS97 / XAS90 / XAS137 / XAHS37 / XAHS107 / XATS67 / XATS77, Gerador QAS60 / QAS80 / QAS100 / QAX12 / QAX20 / QAX24 / QAX30 / QAX35 / QAX45 / QAX70, **BOBCAT:** Manipulador telescópico T2256 / T2566 / T3571 / T35100 / T35120 / TL360 / TL470 / TR40250 / TR45190 / TR50210, Mini pá carregadeira 975 / 1075 / 1080, **BOMAG:** Rolo compactador BW124HD-3 / BW135AD / BW138AC / BW138AD / BW141AD-4 / BW145D / BW145DH / BW145PDH / BW151AC-4 AM / BW151AD-4 / BW151AD-4 AM / BW154AD-4 / BW154AD-4 AM / BW161AC-4 / BW161AD-4 / BW161AD-40 / BW177DH-4 / BW177DH-4 BVC / BW177PD-3 / BW177PDH-3 / BW177PDH-4 / BW179DH-4 / BW179PDH-4 / BW211D-4, **CASE:** Retroescavadeira 580ST / 590SN / 590ST / 695ST, Trator CS68 / CS75 / CS80 / CS86 / CS110, Trator Farmall 85C / 90U / 95C / 95U / 100U / 105C / 105U / 110U / 115U, Trator JX60 / JX65 / JX70 / JX1070 / JX1075, **CITROEN:** Jumper 2.5 D / TD / TDi / 2.8 HDi / 3.0 HDi, **CLARK:** Mini pá carregadeira 975 / 1075 / 1080, **CUMMINS:** 4B, 6B, Motor 6BT, **DRESSER:** Pá carregadeira 100 / 510B, **DYNAPAC:** Compactador (rolo de pneus) CA134D / CA134PB / CA134PP / CA251, Pavimentadora de asfalto F6-4W / F1700W / F1700WS / F1700WS Plus, Rolo compactador CC102 / CC122 / CC142 / CC432 / CG333HF, **FIAT:** Ducato 2.5 TD / 2.8 D / 2.8 JTD / 2.8 TD, **IVECO:** Daily 35 C9 / C10 / C11 / C12 / C13 / C15 / S9 / S10 / S11 / S12 / S13 / S15 / S17, Daily 40 C13 / C15, Daily 45 C13, Daily 50 C11 / C13 / C15, Daily 65 C14 / C15 / C17, **JLG:** Manipulador telescópico 6036 / 6042, **JOHN DEERE:** Colheitadeira 925 / 1032 / 1042 / 1052 / 1055 / 1068 / 1085 / 1144 / 1155 / 1157 / 1158 / 1166 / 1169 / 1174 / 1177 / 4425 / 4435 / MD330 / MD930 / MD932 / MD935 / MD940 / MD942 / MD945 / MD950, Colheitadeira de algodão 7440 / 7445 / 7450 / 9900 / 9910 / 9920 / 9930 / 9930, Mini pá carregadeira 240 / 250 / 260 / 313 / 315 / 317 / 320 / 325 / 328 / 332, Mini pá carregadeira de esteiras CT315 / CT322 / CT332, Pá carregadeira 244J / 304J, Trator 5036 C (India) / 5038 D (India) / 5041 C (India) / 5042 D (India) / 5045 D (India) / 5047 D (India) / 5050 D (India) / 5055 E (India) / 5060 E (India) / 5065 E (India) / 5075 E / 5078 E / 5085 E / 5090 E / 5210 / 5300 / 5300N / 5310 / 5310N / 5400N / 5403 / 5410 / 5410N / 5500 / 5500 / 5500N / 5605 / 5705 / 5725 MFWD / 6110 E / 6110 J / 6125 E / 6125 J / 6415 / 6615, Motor 4039 / 4045 / 4045DBM03 / 4045TBM03 / 4045TJ01-04 / 4219DF / 4239D/T / 4276D/T / 6068DF/HF/TF / 6329D, **LIEBHERR:** Pá carregadeira L506 / L507 / L508 / L509 / L510, **MASSEY FERGUSON:** Trator MF3600 / MF3625 / MF3635 / MF3640 / MF3645 / MF3650 / MF3660 / MF5300, **MULLER:** Rolo compactador RT62 / RT82 Vibro, **MWM:** Motor D229-3 / D229-4 / D229-6 / TBD229-6 / TD229-6, **NEW HOLLAND:** TS 6000, 6030, 6040, 8030, Pulverizador (gafanhoto) Patriot SP2500, Retroescavadeira LB75B / LB90 / LB90B / LB95 / LB110 / LB110B / LB115 / LB115B, Trator T4020 / T4030 / T4040 / T4050 / T5105 / T5115 / T6110 / T6120 / T6130 / TD5010 / TN55 / TN60 / TN65 / TN70 / TN75, Trator de esteiras TK4020F / TK4020V / TK4030 / TK4030F / TK4030V / TK4040 / TK4040M / TK4050 / TK4060, **PEUGEOT:** 605 2.5D Turbo, Boxer 2.5 TD / 2.5 TDi / 2.8 HDi, SLC: Colheitadeira 7200 Turbo, **TEREX:** Retroescavadeira TL100 / TL160, **VALMET:** Tratores, **VALTRA:** Trator 685 / A650 / A750 / A850 / A950, **WHITE:** Trator 60 / 80 / 100 / 120 / 125 / 140 / 145, Pulverizador (gafanhoto) Eagle 8100 / Ranger 7200 / Ranger 7400 / Xplorer 6200 / Xplorer 6400, **ZETOR:** Trator 3320 / 3321 / 3340 / 3341 / 3511 / 3513 / 3520 / 3540 / 3545 / 4320 / 4321 / 4340 / 4341 / 4511 / 4611 / 4712 / 4718 / 4911 / 5011 / 5211 / 5213 / 5243 / 5245 / 5320 / 5321 / 5341 / 5511 / 5516 / 5545 / 5611 / 5645 / 5647 / 5711 / 5718 / 5745 / 5748 / 5911 / 5945 / 6011 / 6045 / 6211 / 6212 / 6245 / 6320 / 6321 / 6341 / 6511 / 6518 / 6522 / 6711 / 6718 / 6745 / 6748 / 6911 / 6918 / 6945 / 7011 / 7045 / 7211 / 7245 / 7321 / 7340 / 7341 / 7520 / 7520 / 7711 / 7745, **CNH:** TS6000, 6030, 6040, 8030

Iskra **Equivalente /** Replace



UF - 1.237/4 4 escovas / *brushes*

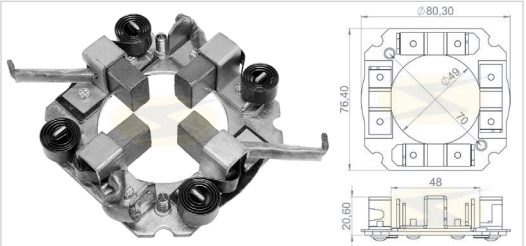
Especificações / Features: **12V** - Escova / *Brush*: 8 x 25 x 23 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **ISKRA:** 16 908 336, **MAHLE:** MSX 1225

Partida / Starter: 11 130 567, 11 130 569, 11 130 619, 11 130 692, 11 130 703, 11 130 704, 11 130 705, 11 130 706, 11 130 762, 11 130 799, 11 130 819, 11 130 820, 11 130 862, 11 130 863, 11 130 998, 11 131 542, 11 131 573, 11 131 430, 11 131 705, 11 131 798, 11 131 370, 11 131 300, 11 131 508, 11 131 260, 11 131 507, 11 131 491, 11 130 748, 11 130 785, 11 130 793, 11 130 836, 11 130 841, 11 130 904, 11 130 941, 11 130 945, 11 130 999, 11 131 014, 11 131 060, 11 131 065, 11 131 077, 11 131 145, 11 131 167, 11 131 191, 11 131 228, 11 131 237, 11 131 352, 11 131 374, 11 131 375, 11 131 382, 11 131 411, 11 131 436, 11 131 440, 11 131 464, 11 131 488, 11 131 490, 11 131 520, 11 131 550, 11 131 574, 11 131 575, 11 131604, 11 131 611, 11 131 612, 11 131 613, 11 131 640, 11 131 658, 11 131 697, 11 131 706, 11 131 709, 11 131 727, 11 131 763, 11 131 782, 11 131 783, 11 131 784, 11 131 811, 11 131 829, 11 131 830, 11 131 839, 11 131 848, 11 131 883, 11 131 893, 11 131 896, 11 131 898, 11 131 900, 11 131 920, 11 131929, 11 131 930, 11 131 945, 11 131 965, 11 132 008, 11 132 009, 11 132 012, 11 132 045, 11 132 046, 11 132 047, 11 132 056, 11 132 062, 11 132 066, 11 132 069, 11 132 070, 11 132 073, 11 132 099, 11 132 104, 11 132 118, 11 132 122, 11 132 149, AZF4115, AZF4119, AZF4122, AZF4129, AZF4130, AZF4131, AZF4132, AZF4135, AZF4141, AZF4143, AZF4146, AZF4147, AZF4148, AZF4155, AZF4158, AZF4159, AZF4160, AZF4164, AZF4170, AZF4181, AZF4183, AZF4184, AZF4185, AZF4190, AZF4196, AZF4204, AZF4205, AZF4206, AZF4209, AZF4214, AZF4220, AZF4224, AZF4240, AZF4242, AZF4245, AZF4247, AZF4248, AZF4251, AZF4253, AZF4254, AZF4258, AZF4260, AZF4269, AZF4270, AZF4279, AZF4280, AZF4281, AZF4283, AZF4284, AZF4286, AZF4287, AZF4288, AZF4291, AZF4296, AZF4304, AZF4305, AZF4315, AZF4510, AZF4511, AZF4513, AZF4514, AZF4520, AZF4521, AZF4524, AZF4528, AZF4535, AZF4538, AZF4541, AZF4542, AZF4545, AZF4553, AZF4559, AZF4562, AZF4569, AZF4570, AZF4577, AZF4591, AZF4595, AZF4596, AZF4597, AZF4598, AZF4627, AZF4637, AZF4639, AZF4643, AZF4683, AZF4687, AZF4691, AZF4814, AZF4831

Aplicação / Application: **PERKINS, AGCO, CUMMINS:** 6CC, **ATLAS:** Empilhadeira AS81, Pá carregadeira AR51BE / AR61A / AR70 / AR81, **ATLAS COPCO:** Compressor de ar ST35 / ST48 / STS35 / STS48 / XAS 186 / XAHS 237 / XAMS 287 / XATS 156, **BOBCAT:** Mini pá carregadeira 641 / 741 / 843 / 843B / 853 / 853H / 863 / 863C / 863F / 863HC / 863HF / 873C / 943 / 974 / 2000 / 2400 / 2410, **BOMAG:** Compactador (rolo de pneus) BW24 RH / BW25 RH / BW27 RH, Pavimentadora de asfalto BF800, Rolo compactador BW141 AC / BW190 AD-4 / BW190 AD-4 AM / BW202 AD-4 / BW203 AD-4 / BW203 AD-4 AM / BW211 D-40 / BW212 D-40 / BW213 D-40 / BW216 D-40 / BW216 PD-40 / BW218 D-40, **CASE:** Magnun 220, 240, 270, 2388, 2399, Colheitadeira 1620 / 1640 / 1644 / 1666 / 1668 / 1670 / 1680 / 1688 / 1690 / 2144 / 2166 / 2188 / 2366, Colheitadeira de algodão 1822 / 1844 / 2055 / 2155, Mini pá carregadeira SR200 / SR250, Trator CS 78 / 80 / 85 / 86 / 94 / 95 / 105 / 110 / 120 / 130 / 150, Trator CVX 120 / 130 / 140 / 150 / 160 / 170 / 175 / 190 / 195 / 1135 / 1145 / 1155 / 1170 / 1190 / 1195, Trator Farmall 95A / 105A / 115A, Trator JXU 75 / 115, Tratores Maxxum, Trator MXM 120 / 130 / 140 / 155 / 175 / 190, Tratores Puma, **CATERPILLAR:** Colheitadeira Challenger 652C / 660B / 670B / 672C / WR9740, Pulverizador (Gafanhoto) Challenger RG635B / RG645B / RG655B / RG1100 / RG1300, Terra-Gator Challenger 8333 / TG845, Trator Challenger MT665D / MT685D, Trator de esteiras Challenger MT745D / MT755D / MT755E / MT765D / MT765E / MT775E, **CHALLENGER:** Colheitadeira 652C / 660B / 670B / 672C / WR9740, Pulverizador (Gafanhoto) RG635B / RG645B / RG655B / RG1100 / RG1300, Terra-Gator 8333 / TG845, Trator MT665D / MT685D, Trator de esteiras MT745D / MT755D / MT755E / MT765D / MT765E / MT775E, **DEUTZ-FAHR:** Tratores, **DOOSAN:** Manipulador telescópico DT70, **FORD:** Tratores, **JCB:** Escavadeira 805 / 806 / 807, Trator Fastrac 3200 Xtra / 3230 Xtra / 8280 / 8310, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450 / 1470 / 1550 / 9470STS / 9570STS, Colheitadeira de cana 3510 / 3520, Empilhadeira 485E / 486E / 488E, Manipulador telescópico 3200 / 3215 / 3220 / 340 / 3415 / 3420 / 3800, Trator 4040 / 5038D / 5041C / 5042D / 5045D / 5050D / 5055E / 5060E / 5065E / 5075E / 5724MFWD, Pá carregadeira 210LE / 310E / 310G / 310S / 310SE / 315SE / 410E, Retroescavadeira 310SE / 310SG / 315SE / 315SG / 410C / 410E / 410G, Motor 3029DF/TF / 4039DF/TF / 4045D/T / 4045DF/HF/TF / 6059 / 6068HBM02 / 6068HCQ04 / 6068HCQ05 / 6068HCQ07 / 6068HYC52, **LIEBHERR:** Escavadeira A901 / A911 / A921 / R911 / R921, **MASSEY FERGUSON:** MF-34 / 275 / 291 / 297 / 298 / 299 / 650 / 660 / 680 / 6350 / 6360 / 7140 / 7150 / 7170 / 7080, Trator MF291 / MF330 / MF435 / MF440 / MF445 / MF455 / MF460 / MF470 / MF480 / MF875 / MF3655 / MF4292 / MF4297 / MF4299 / MF4320 / MF4325 / MF4335 / MF4345 / MF4355 / MF4360 / MF4370 / MF5455 / MF5608 / MF5609 / MF5610 / MF5611 / MF5613 / MF5711 / MF5712 / MF5713 / MF6225 / MF6613 / MF6614 / MF6615 / MF6616 / MF7715 / MF7716 / MF7718 / MF7719 / MF7720 / MF7722 / MF7724 / MF7726 / MF8140 / MF8150 / MF8160 / MF8210 / MF8220 / MF8250 / MF8260 / MF8270 / MF8280 / MF8450 / MF8460 / MF8470 / MF8480 / MF8650 / MF8660 / MF8670 / MF8680 / MF8690 / MF8727 / MF8730, **NEW HOLLAND:** TM 7010, 7020, 7030, 7040, TS 6000, 6020, 6030, 6040, TC 57, Colheitadeira CX720 / CX740 / CX760 / CX780 / CX820 / CX840 / HW300 / HW320 / HW340 / HW345 / HW365, Trator 3430 / 3930 / 4130 / 4630 / 4830 / 4835 / 5030 / 5610 / 5640 / 6610 / 6640 / 7010 / 7610 / 7740 / 7840 / 8010 / 8160 / 8240 / 8260 / 8340 / 8360 / 8560 / TB80 / TB85 / TB90 / TB100 / TB110 / TB120 / TC56 / TC57 / TM115 / TM125 / TM135 / TM150 / TM165 / TS110 / TS115 / TS125 / TV140, Trator de esteiras TK4050, Tratores T6, Tratores T7, Tratores TD5, **COLHEITADEIRA / COMBINE:** CS 660, **VALMET:** Tratores, VALTRA: BH - 185I, BH - 205I, Colheitadeira BC4500 / BC4500R, Trator A85 / A95 / A750 / A950 / A990 / BH135 / BH145 / BH165 / BH180 / BH185 / BH200 / BH205 / BH210 / BM100 / BM110 / BM125 / N82 / N91 / N92 / N93 / N101 / N103 / N111 / N113 / N121 / N123 / N141 / N143 / N163 / N174 / S233 / S260 / S263 / S274 / S280 / S293 / S294 / S323 / S324 / S353 / S374 / T121 / T131 / T133 / T144 / T151 / T153 / T163 / T173 / T174 / T183 / T191 / T193 / T194 / T203 / T213 / T214 / T234 / X120, **ZETOR:** Trator 3520 / 3540 / 4712 / 4718 / 4911 / 5011 / 5211 / 5213 / 5243 / 5245 / 5320 / 5321 / 5340 / 5341 / 5511 / 5516 / 5645 / 5647 / 5711 / 5718 / 5745 / 5748 / 5911 / 5945 / 6011 / 6045 / 6211 / 6212 / 6245 / 6320 / 6321 / 6340 / 6341 / 6511 / 6518 / 6522 / 6711 / 6718 / 6745 / 6748 / 6911 / 6918 / 6945 / 7011 / 7045 / 7211 / 7245 / 7321 / 7340 / 7341 / 7520 / 7711 / 7742

Iskra **Equivalente /** Replace



UF - 1.243/4 4 escovas / *brushes*

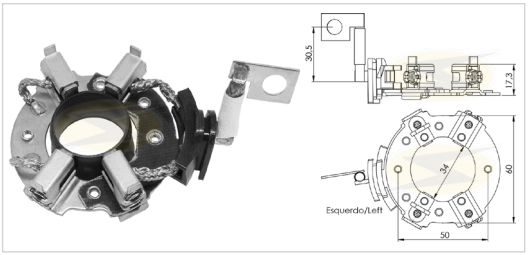
Especificações / Features: **12V, 2,7kW - Tipo /** *Type:* **DD (DIRECT DRIVE)** - Escova / *Brush*: 8,9 x 15,9 x 23 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **ISKRA:** 16 905 972

Partida / Starter: 16445, 16562, 17072, 17074, 17075, 17095, 17114, 17649, 18461, 19657, 19677, 30036, 30122, 32302, 11.130.823, AZJ3286, 11 130 203, 11 130 248, 11 130 250, 11 130 432, 11 130 500, 11 130 502, 11 130 503, 11 130 509, 11 130 520, 11 130 521, 11 130 525, 11 130 526, 11 130 531, 11 130 532, 11 130 533, 11 130 548, 11 130 551, 11 130 552, 11 130 565, 11 130 579, 11 130 612, 11 130 618, 11 130 620, 11 130 624, 11 130 629, 11 130 631, 11 130 632, 11 130 665, 11 130 669, 11 130 670, 11 131 823, AZJ3123, AZJ3137, AZJ3139, AZJ3140, AZJ3144, AZJ3148, AZJ3149, AZJ3150, AZJ3151, AZJ3155, AZJ3156, AZJ3157, AZJ3166, AZJ3169, AZJ3170, AZJ3177, AZJ3182, AZJ3192, AZJ3195, AZJ3197, AZJ3198, AZJ3203, AZJ3205, AZJ3206, AZJ3217, AZJ3218, AZJ3219, AZJ3538, AZJ3552, AZJ3554

Aplicação / Application: **AUDI, HANOMAG HENSCHEL, MERCEDES-BENZ, STEYR-DAIMLER-PUCH AG, VOLKSWAGEN, CESAB, GOLDONI, ITMA TRATTORI, JENBACHER WERKE, LAND ROVER, VM, STABILIMENTI MECCANICI, AGRALE-DEUTZ:** 1600d D229-3 3.0. (1985→), 1800d D229-4 3,9l (1988→), Tx1600 D229-3 3,0l (1983→1985), **MULLER:** Vibro Rt62 D229-3 2.0l (1981→), Rt82 D229-3 2.0l (1981→), **VALTRA DO BRASIL (VALMET):** 685 3.0l (1992→), 685 Eco 3.0l (1994→), **VALTRA:** 685c, 685f (Mwm), **ATLAS:** Pá carregadeira AR51BE / AR61A / AR70 / AS81, **ATLAS COPCO:** Compressor de ar ST35 / ST48 / STS35 / STS48, **CASE:** Trator 1394 / 1494 / 1594 / 1690 / 1694, **DEUTZ-FAHR:** Trator DX3.10 / DX3.30 / DX3.50 / DX3.60 / DX3.70 / DX3.80 / DX3.90 / DX4.10 / DX4.31 / DX4.51 / DX4.70 / DX6.05 / DX6.50 / DX7.10, **FORD:** Tratores, **IVECO:** 75-9, 80-9, 80-13, 90-9, 90-13, 110-13, 130-13, Daily 28 F8 / 28-8 / 30 F8 / 30-8 / 32 F8 / 32-8 / 35 F8 / 35-8 / 35-10 Turbo / 40 F8 / 40-8 / 40-10 Turbo / 45-10 Turbo / 49-10 Turbo / 49-12 Turbo / 59-12 Turbo, **JCB:** Escavadeira 805 / 806 / 806B / 807 / 807B / 808, Pá carregadeira 413 / 418 / 505-19 / 520 / 520M / 525 / 525B / 702 / 703 / 704 / 902 / 1250 / SL702P (Chaseside) / SL704P (Chaseside) / SL900P (Chaseside) / SL1000P (Chaseside) / SL1500P (Chaseside) / SL1750P (Chaseside), Pá carregadeira de esteiras 110, **JOHN DEERE:** Colheitadeira MD1032 / MD1042 / MD1052 / MD1055 / MD1068 Hydro / MD1072 Hydro, **SLC (JOHN DEERE):** 7200 Turbo 5.9l (1986→), **LAMBORGHINI:** Trator 554 / 564 / 574-60 / 660 / 664 / 770, **MASSEY FERGUSON:** Trator MF102 / MF105 / MF186 / MF201 / MF205 / MF206 / MF207 / MF307 / MF487 / MF506 / MF510 / MF520 / MF525 / MF592 / MF595 / MF620 / MF625 / MF675 / MF685 / MF690 / MF1080 / MF1085 / MF1100 / MF1104 / MF1114 / MF1250 / MF3060 / MF3065 / MF3070, MWM: Motor D208-2 / D208-3 / D208-4 / D225-2 / D308-2 / D308-3 / D308-4 / TD208-4, **MWM-DIESEL:** D229 2.9l (1980→), 3.9l (1981→), 5.9l (1981→1988), Tbd229 5.9l (1983→1988), **NEW HOLLAND:** Tratores, **VOLVO:** Trator BM500 / BM2200 / T430

Iskra **Equivalente /** Replace



UF - 1.258/4 4 escovas / *brushes*

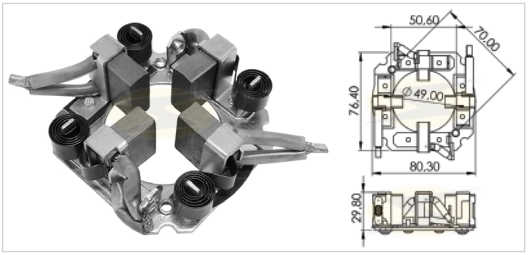
Especificações / Features: **12V, 1,2kW** - Escova / *Brush*: 6 x 12 x 11 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **ISKRA:** 11131519, 16 908 924, MSX131

Partida / Starter: 7 011 010 001 006, 7 011 010 018 000, AZE2195, MS 134, 11 131 519, IS 1365, 7010010008003, 7010601007002, 11 131 052, 11 131 233, 11 131 338, 11 131 517, 11 132 314, AZE2117, AZE2173, AZE2193, AZE2251, AZE2642, IS1051, IS1079, IS1110, IS1363, IS1426, MS118, MS133, MS154, MS380, MS413

Aplicação / Application: **AGRALE:** TX1100, Motor M795W, Trator 4100 / 4100.4 / 4118 / 4118.4

Iskra **Equivalente /** Replace



UF - 1.290/4 4 escovas / *brushes*

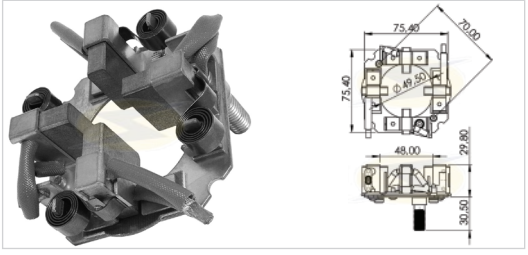
Especificações / Features: **24V** - Escova / *Brush*: 10 x 25 x 23 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **ISKRA:** 16 906 638

Partida / Starter: 11 130 364, 11 130 367, 11 130 407, 11 130 490, 11 130 491, 11 130 492, 11 130 537, 11 130 595, 11 130 598, 11 130 626, 11 130 660, 11 130 676, 11 130 686, 11 130 687, 11 130 743, 11 130 784, 11 130 798, 11 130 850, 11 130 993, 11 131 006, 11 131 053, 11 131 085, 11 131 086, 11 131 143, 11 131 144, 11 131 236, 11 131 348, 11 131 353, 11 131 377, 11 131 394, AZJ3113, AZJ3131, AZJ3132, AZJ3133, AZJ3160, AZJ3186, AZJ3188, AZJ3199, AZJ3213, AZJ3223, AZJ3230, AZJ3231, AZJ3263, AZJ3282, AZJ3294, AZJ3327, AZJ3351, AZJ3353, AZJ3367, AZJ3374, AZJ3375, AZJ3387, AZJ3388, AZJ3404, AZJ3412, AZJ3413, AZJ3418, AZJ3427, AZJ3593, AZJ3595

Aplicação / Application: **VALTRA:** Tratores, **CASE:** Escavadeira 488 / 688 / 888 / 1080 / 1088 / B60CL / B75CL / B75P / LC80 / LY80, **DOOSAN:** Compressor de ar 7/120, 7/170, 9/110, 10/105, 10/125, 14/85, 14/115, **FIAT:** 65, 70, 75, 130, **FIAT ALLIS:** Escavadeira S9 / S11 / S60 / S70 / S90 / S105B / SL9 / SL11, **IVECO:** Caminhões diversos, **MAN:** Caminhões diversos, **MERCEDES BENZ:** 608, 609, 611, 709, 711, 914, 917, 1017, 1114, 1117, 1120, 1124, 1314, 1317, 1320, 1324, 1414, 1417, 1419, 1420, 1514, 1517, 1520, 1524, 1614, 1617, 1619, 1620, 1626, 1717, 1719, 1720, 1722, 1820, 1821, 1926, 2219, 2220, 2226, 2420, 2626, OF814, OF817, OF914, OF1114, **NEW HOLLAND:** Pá carregadeira 130C / 150C, **SCANIA:** Caminhões diversos, **VALTRA:** SK150, **VOLKSWAGEN:** 7100, 8140, 16180, 16210, **VOLVO:** Caminhões diversos

Iskra **Equivalente /** Replace



UF - 1.296/4 4 escovas / *brushes*

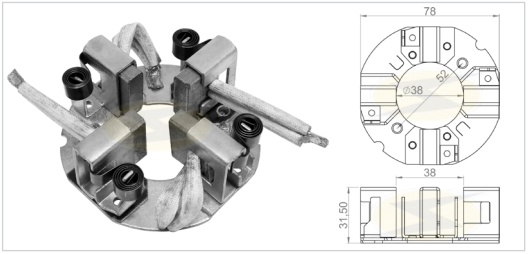
Especificações / Features: **12V** - Escova / *Brush*: 8 x 25 x 23 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **ISKRA:** 16908788, MSX87

Partida / Starter: 11130897, 11131249, 11131093, 11131162, AZJ3376, AZJ3389, MS243, MS618

Aplicação / Application: **CASE:** CS 110 4.4, CS 130 6.6, CS 68 3.3, CS 75 3.3, CS 78 4.4, **LANDINI:** Atlas 75 4.0, **MASSEY FERGUSON:** MF550.3, MF560.3, MF560.6, AA 550, AA 660, MF 200, MF 2600, MF 3065, MF 34, MF 38, MF 383, MF 400, MF 400X, MF 4200, MF 500, MF133, MF135, MF140, MF145, MF148, MF152, MF155, MF158, MF165, MF230, MF235, MF240, MF245, MF250, MF255, MF262, MF350, MF360, **SAMPO ROSENLEW:** SR 2035, SR 2045, SR 2055, SR 2065, SR 2075, SR 2085, SR 3045 6.6, SR 3065 6.6, **URSUS:** C-330M, C-335, C-360, **VALMET:** 255, 355, 365S, 455, 465, 504 2.7, 565, 604 3.3, 6100, 6300 4.4, 6400, 6600, 665S, 6750 4.4, 6800, 6850 4.4, 800, 8000, 805 4.4, 805-4 4.4, 8050, 8050 6.6, 8100, 8150, 8200, 8350, 8400, 8450, 8450 6.6, 8550, 8550 7.4, 865, 8750, 8950 7.4, 900 4.4, C100, C15, C20, C200, **ZETOR:** 4712 2.5, **VALTRA:** BM 100, BH180, 180HI, 255, 355, 3655, 455, 465, 504, 565, 604, 6100, 6300, 6400, 6600, 6655, 6750, 6800, 6850, 800, 8000, 805, 805-4, 8050, 8150, 8450, 8100, 8200, 8400, 8350, 8400, 8450, 8550, 8550, 8750, 865, 8950, 900, C100, C15, C20, C200, **MEGA:** 8050, 8150, 8550, 8750, **AGCO:** 450, 700, **SAMPO:** SR2035, SR2045, SR2055, SR2065, SR2075, SR2085, SR3045, SR3065, URSUS C-330M, 335, C-360

Iskra **Equivalente /** Replace



UF - 1.299/4 4 escovas / *brushes*

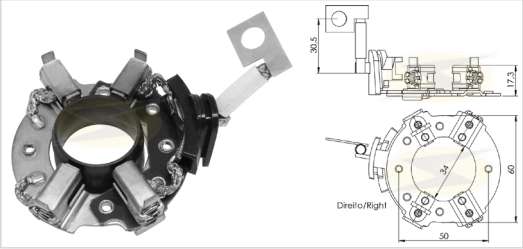
Especificações / Features: **24V, 4,0Kw** - Escova / *Brush*: 10 x 25 x 23 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **ISKRA:** 16 908 994

Partida / Starter: 11 131 335, 11 130 595, 11 132 189, AZF4327, AZF4588, AZJ3186, IS0595, Is1344, 11 130 728, 11 130 729, 11 130 730, 11 130 842, 11 130 944, 11 131 150, 11 131 214, 11 131 254, 11 131 274, 11 131 316, 11 131 359, 11131 376, 11 131 452, 11 131 494, 11 131 501, 11 131 524, 11 131 648, 11 131 691, 11 131 770, 11 131 775, 11 131 776, 11 131 846, 11 131 863, 11 131 865, 11 131 867, 11 131 881, 11 131 882, 11 131 987, 11 131 995, 11 132 027, 11 132 041, 11 132 042, 11 132 071, 11 132 083, 11 132085, 11 132 094, 11 132 115, 11 132 117, 11 132 123, 11 132 124, 11 132 139, 11 132 140, 11 132 177, 11 132 197, 11 132 198, 11 132 229, 11 132 230, 11 132262, 11 132 264, 11 132 270, 11 132 290, 11 132 348, 11 132 368, 11 132 369, 11 132 371, 11 132 373, 11 132 403, AZF4106, AZF4121, AZF4137, AZF4169, AZF4198, AZF4201, AZF4230, AZF4232, AZF4237, AZF4238, AZF4239, AZF4266, AZF4267, AZF4273, AZF4276, AZF4277, AZF4289, AZF4292, AZF4293, AZF4295, AZF4303, AZF4306, AZF4307, AZF4311, AZF4312, AZF4323, AZF4330, AZF4331, AZF4337, AZF4338, AZF4347, AZF4350, AZF4356, AZF4365, AZF4373, AZF4375, AZF4377, AZF4384, AZF4507, AZF4508, AZF4509, AZF4515, AZF4527, AZF4554, AZF4571, AZF4573, AZF4581, AZF4594, AZF4617, AZF4645, AZF4646, AZF4672, AZF4696, AZF4833, AZF4852, AZF4862

Aplicação / Application: **AGCO:** 411C, 611C 6.6, 611C 6.6, **SISU:** SK 150 6.6, **VALTRA:** 411, 611 6.6, SK150 6.6, **ATLAS:** Escavadeira 140W / 150W / 160W / 180W / 1404ZW / 1600ZW, Escavadeira de esteiras 160LC / 175LC SR / 215LC SR, Manipulador telescópico 180MH / 200MH, **ATLAS COPCO:** Compressor de ar XAHS, **BOMAG:** Fresadora a frio BM500/15, BM600/15, **CASE:** Escavadeira 488 / 688 / 888 / 1080 / 1088, **DEUTZ-FAHR:** Máquinas diversas, **DOOSAN:** Compressor de ar 7/120, 7/170, 9/110, 10/105, 10/125, 14/85, 14/115, **IVECO:** 110-17, 120-16, 120-17, 150-16, 160-16, 160-17, **LIEBHERR:** Escavadeira A903 / R981, **MAN:** Caminhões diversos, **MERCEDES BENZ:** 711, 712, 714, 715, 717, 811, 812, 814, 815, 817, 915, 917, 923, 925, 1017, 1023, 1117, 1214, 1215, 1217, 1223, 1225, 1228, 1317, 1323, 1325, 1328, 1517, 1523, 1525, 1528, 1823, 1828, 2523, 2528, 2628, O345 (Conecto), O520 (Cito), O530 (Citaro)

Iskra **Equivalente /** Replace



UF - 1.300/4 4 escovas / *brushes*

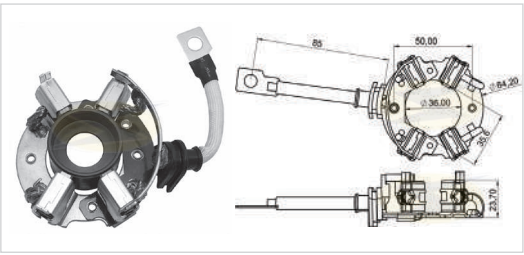
Especificações / Features: **12V, 1,2kW** - Escova / *Brush*: 6 x 12 x 11 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **ISKRA:** 16 908 508

Partida / Starter: AZE2617, 11 131 002, AZE2623, 11 131 054, AZE2634, 11 131 137, AZE2640, 11 131 178, AZE2160, 11 131 285, AZE2649, 11 131 299, AZE2194, 11 131518, AZE2669, 11 131 757, IS1015, IS1040, IS1060, IS1094, IS1104, IS1107, IS1173

Aplicação / Application: **MOSA, RUGGERINI, VALPADANA, BERTOLINI, GOLDONI, LANDBRUG:** 270, 303, 603, 701, 735, 737, 745, **LOMBARDINI:** Vários Modelos, **PIAGGIO:** Ape 0.4, **VALPADANA:** VMC 130, VMC 150, **ACME:** ADN 37/2VW, ADN 37VW, ADN 37W, ADN 45, ADN 48W, ADN 54W, ADN 60W, **ARONA:** AD 178M, AD 182L, AD 182M, AD 185M, **BCS:** Varios modelos, Two- Wheel tractors 750, **DUCATI:** DM, HD, RH, **EUROMACCHINE:** PC Motor Pumps J5-180, **FERRARI:** Series 300 / 305 / 306 / 307, 70- SERIE 72S / 792 / 794 / 71 / 718 / 72S / 800 / 90 / 90 SB / T 72 / T 93, **HITTNER:** Ecotrac 30, **VM MOTOR:** DM 182, **AUDI:** A3 1.6 / 1.8 Quattro / Turbo / Turbo 20V / TT / Turbo Roadster, **FORD:** Galaxy 2.3 / 2.3 16V, **SEAT:** Alhambra 1.8 Turbo 20V / 2.0 I, Cordoba 1.6 / 1.6 I / 1.8 / Turbo / 2.0, Ibiza 1.6 I / 1.8 / 2.0 I / Turbo 20V Cupra, Leon 1.4 16V / 1.6 16V /1.8 20 V / Turbo / Turbo 20V 4 Syncro, Toledo 1.4 / 1.6 / 1.8 20V, **SKODA:** Fabia 2.0, Octavia 1.4 / 16V / 1.8 / Turbo / Turbo 20V RS / 4x4 / 1.9 TDI / 2.0 4x4, **VOLKSWAGEN:** Beetle 1.8 turbo / 2.0, New Beetle1.6 / 1.8 / Turbo / 2.0, Bora 1.4 / 1.6 / 1.8 / 2.0 / Turbo, Caddy 1.6, GolfIII 1.4 / 1.6 / 1.8 / Syncro / Turbo / 2.0 GLS / 2.0 GTI / 16 V, Golf IV / 1.4 / 1.6 / 1.8 / 2.0 / Motion / GTI, Golf V 1.8 GTI, Jetta 1.8 Turbo GLS / GL / 2.0, Passat 1.8 / GL, Polo 1.6 / 1.8, Sharan 1.8 Turbo 20V / 2.0 LPG, Vento 1.4 / 1.6 / 1.8 / 2.0 GL, **AGRALE:** 4230.4 Gargo, **ATLAS COPCO:** Placa vibratória LG400

Iskra **Equivalente /** Replace



UF - 1.336/4 4 escovas / *brushes*

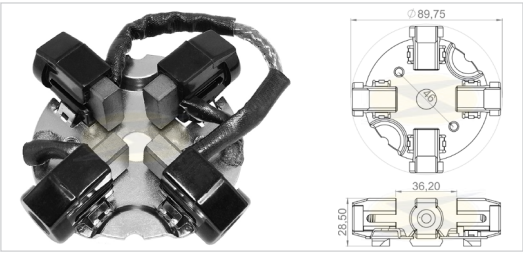
Especificações / Features: **12V, 1,7kW** - Escova / *Brush*: 6 x 18 x 14 mm (L x A x C / *W x H x L*)

Equivalente / Replace: 16 915 200, MSX620

Partida / Starter: 11 131 267, IS1101, MS86

Aplicação / Application: **ATLAS:** Empilhadeira / Forklift, **JUUNGHEINRICH, YALE:** Mini Backhoe, **CATERPILLAR:** 226B, **JCB:** 1CX, BOBCAT com arranque / starter PERKINS

Magneti Marelli **Equivalente /** Replace



UF - 1.139
UF - 1.139/2 2 escovas / *brushes*
UF - 1.139/4 4 escovas / *brushes*

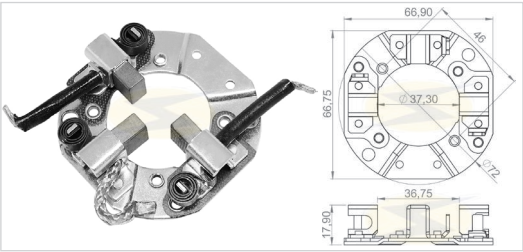
Especificações / Features: **12V - Tipo /** *Type:* **E95R** - Escova / *Brush*: 8 x 19 x 18,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI :** 855 403 41, 855 406 91

Partida / Starter: 632 218 31, 632 220 30, 632 220 31, 632 220 34, 632 220 35, 632 220 36, 632 220 38, 632 220 39, 632 221 30, 632 221 31, 632 221 33, 632 221 34, 632 221 35, 632 221 36, 632 221 38, 632 222 04, 632 222 06

Aplicação / Application: **IVECO:** Furgão, **ALFA ROMEO:** Alfa 145 / 155 / 156 2.4 JTD / 166 2.4 JTD, AR6 1.9 D, **CITROEN:** C25 1.9 TD, **FIAT:** Brava 1.9 JTD, Croma 1.9 TD, Ducato 1.9 D, Marea 2.4 JTD / 2.4 TD, Multipla 1.9 JTD, Punto 1.9 JTD, Regata 65 1.9 D, Ritmo 1.9 TD, Tempra 1.9 D / 1.9 TD, Tipo 1.9 TD

Magneti Marelli **Equivalente /** Replace



UF - 1.140
UF - 1.140/3 3 escovas / *brushes*

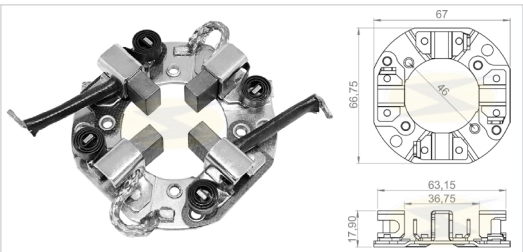
Especificações / Features: **12V, 0,9Kw - Tipo /** *Type:* **E80E** - Escova / *Brush*: 7 x 13 x 17,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI:** 832 244 61, 832 253 26

Partida / Starter: 631 020 03, 631 020 04, 631 020 07, 631 020 08, 632 229 00, 632 229 01, 632 230 85, 632 231 01, 632 231 03, 632 231 08, 632 931 01, 631 010 00, 631 010 02, 631 010 08, 632 228 89, 632 228 97, 632 229 05, 632 229 08, 632 229 09, 632 229 36, 632 231 04, 632 231 09, 632 232 00, 632 233 03, 632 931 03, 632 931 04

Aplicação / Application: **FIAT:** Fiorino 1.0 / 1.5 / 1.6 / 2.0, Strada 1.0 / 1.3, Uno Mille, 500 1.1, 600 1.1, Brava 1.2 / 1.4 / 1.6 16V EL / 1.6 16V SX, Bravo 1.4 / 1.6 / 1.6 SX, Marea 1.2 / 1.4i 16V / 1.6 16V BiPower / 1.6i 16V, Palio 1.4 / 1.6 16V, Punto 1.1 / 1.2 / 1.4 Turbo GT, Scudo 1.6, Siena 1.2 / 1.4 / 1.6 16V, Tempra 1.6i.e., Tipo 1.6i.e., **CITROEN:** Jumpy (Dispatch) 1.6 / 1.6i, **NISSAN:** Primera 1.6 16V

Magneti Marelli **Equivalente /** Replace



UF - 1.141
UF - 1.141/4 4 escovas / *brushes*

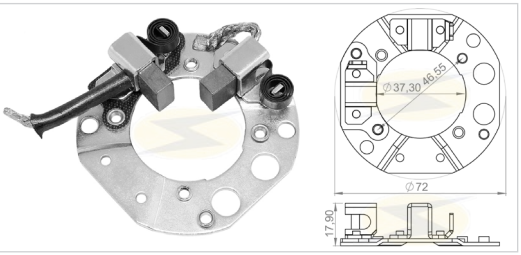
Especificações / Features: **12V, 0,8/1Kw - Tipo /** *Type:* **E80** - Escova / *Brush*: 7 x 13 x 17,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI:** 832 212 41, 832 244 61, 832 253 59, 832 262 16

Partida / Starter: 631 110 16, 632 228 31, 632 228 33, 632 228 36, 632 228 38, 632 230 31, 632 230 34, 832 212 41, 832 244 61, 832 253 59, 832 262 16, 502 465 32, 502 466 48, 632 230 33, 632 230 35, 632 233 04

Aplicação / Application: **TOYOTA:** 18R, **CITROEN:** Jumpy (Dispatch) 1.6 / 1.6i, **FIAT:** 127 0.9, 500 0.7 / 0.7i / 0.9 / 0.9i.e., 600 0.9, Brava 1.6 16V EL / 1.6 16V SX, Bravo 1.6 / 1.6 SX, Doblò 1.6i.e. 16V / Cargo 1.6 16V, Fiorino 0.9 / 1.6, Marea 1.6 16V BiPower / 1.6i 16V / Weekend 1.6 16V, Multipla 1.6 16V, Palio 1.4 / 1.6 16V, Punto 1.4 Turbo GT, Scudo 1.6, Siena 1.4 / 1.6 16V, Stilo 1.6 16V, Tempra 1.6i.e., Tipo 1.6i.e., Uno 0.9, Strada 1.6, **SEAT:** Fura 0.9, Ibiza 0.9, Marbella 0.8 / 0.9, Terra 0.9

Magneti Marelli **Equivalente /** Replace



UF - 1.202/2 2 escovas / *brushes*

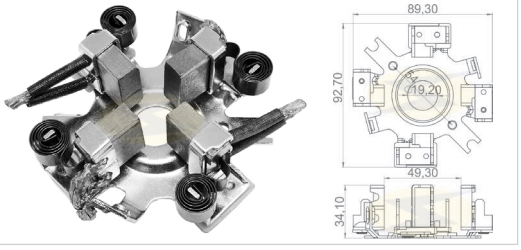
Especificações / Features: **12V** - Escova / *Brush*: 7 x 13 x 17,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **MAGNETI MARELLI:** 9945553, 83225326

Partida / Starter: E80, E80E, 63101000, 63101002, 63201008, 63222889, 63222897, 63222905

Aplicação / Application: **FIAT:** 500 1.1 Sporting, 600 1.1, Bravo 1.2 16V, Doblò 1.2 8V, Palio 1.2, Palio 1.0 8v (1996→2000), 1.0 / 1.3 8v (Fire) (2001→), Punto 1.2 16V, Siena 1.2, Siena 1.0 8v (Fire) (2001→), Uno Mille,

Magneti Marelli **Equivalente /** Replace



UF - 1.246/4 4 escovas / *brushes*

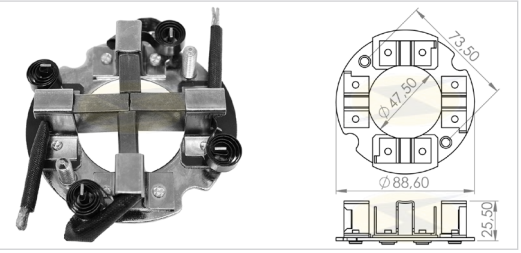
Especificações / Features: **12V** - Escova / *Brush*: 10 x 25 x 23 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **MAGNETI MARELLI:** 7216470, 072164701000, 72362701, 7236660

Partida / Starter: 632 16817, 632 16818, 632 16831, 632 16852, 632 16861, 632 16884, 632 16896, MT68AD, MT68LC, MT68MC, MT68PB, MARELLI MT68RA, MT68S, MT68T

Aplicação / Application: **IVECO:** Mk 198301 - 199112, Daily 30-8 / 35-8 / 40-8, **RENAULT:** Master I 1989-2001, Trafic 2.5d, Messenger B120.65 1996-1999, **OPEL:** Arena 2.5d, **FIAT:** Trator 160-90 (1984- 1991), F100dt (1986- 1991), F120dt (1986- 1991), F130dt (1986- 1991), 100-90 (1984- 1991), 1380dt (1981- 1984), **FORD:** New Holland Trator 7530, **CASE:** Trator / Tractor Farmall 80 Ano 2009, **NEW HOLLAND:** Tratores

Magneti Marelli **Equivalente /** Replace



UF - 1.255/4 4 escovas / *brushes*

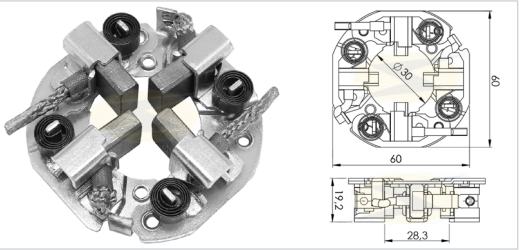
Especificações / Features: **12V - Tipo /** *Type:* **M50, M127 -** Escova / *Brush*: 9 x 20 x 24 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **MAGNETI MARELLI:** 54245374, 352 58 268

Partida / Starter: 26234, 26265, 26284, 26316, 26318, 26323, 26329, 26336, 26337, 26341, 26342, 26343, 26344, 26345, 26349, 26351, 26352, 26355, 26357, 26358, 26361, 26363, 26365, 26366, 26369, 26379, 26382, 26384, 26386, 26388, 26398, 26402, 26404, 26407, 26410, 26411, 26416, , 26423, 26431, 27501, 27508, 27512, 27533, 27539, 27540, 27541, 27543, 27553, 27554, 27556, 26211, 26227, 26246, 26273, 26274, 26290, 26291, 26294, 26295, 26297, 26298, 26304, 26305, 26312, 26316D, 26317, 26359, 26360, 26367, 26374, 26376, 26378, 26403, 26408, 26409, 26414, 26420, 26421, 26427, 26428, 26429, 26430, 26433, 26434, 26435, 26436, 63227483, 63227533, 63227564, 63227574, 63227585, 63227598, 63227501, 63227541, 63227565, 63227575, 63227591, 63227599, 63227502, 63227547, 63227568, 63227578, 63227592, 63227600, 63227510, 63227553, 63227570, 63227582, 63227593, 63227601, 63227512, 63227554, 63227571, 63227583, 63227594, 63227604, 63227518, 63227559, 63227572, 63227584, 63227596, 63292035, 71YB11000AA, 835FX11000BB, 352 58 240, 352 58 440

Aplicação / Application: **FORD:** F4000 (c/ motor MWM), F1000 (c/ motor MWM), Tourneo 2.5 TD, Transit III 2.5 D, Transit IV 2.5 D, Transit V 2.5 D / TDi, Transit 2.4 Diesel, Transit 2.4 TDE, **MASSEY FERGUSON:** Agriculture series 240 2.5, 245 2.5, 255 2.5, 274 3.9, 285, 350, 354, 355, 360, 364, 3645, 365, 3655, 3680 7.4, 375, 390, 390 T, 390T, 398, 399, 4255, 4270, 6170,6180, 8120, 8140, 8150, 8160, 8240, 8250, 8260, 8270, 8280 **VALTRA:** 305, 405, 505 3.3, 6000, 605 3.3, 6400, 6600, 705 4.4, 805 4.4, 8100, 8400, 905, **JCB:** Escavadeira 805 / 806 / 806B / 807B

Magneti Marelli **Equivalente /** Replace



UF - 1.291/4 4 escovas / *brushes*

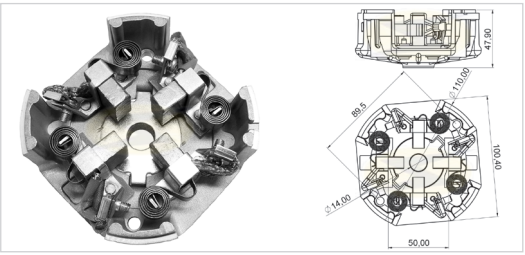
Especificações / Features: **12V, 1,4Kw - Tipo /** *Type:* **M70R -** Escova / *Brush*: 6 x 15 x 16,5 mm (L x A x C / *W x H x L)*

Equivalente/ Replace: **MAGNETI MARELLI:** 9947758, 9948019, 9948653, 77363821, 83220461, 83222681, 83226683, 83227131, 83227226, 83227260

Partida / Starter: 63111016, 63011018, 63223536, 2280009540, 95FB11000BB, 95FB11000BC, 95FB11000BD, 95FB11000BG, S4024, S4031, 63111000, 63111001, 63111005, 63111007, 63111008, 63111010, 63111018, 63111023, 63111027, 63111036, 63111037, 63111043, 63113001, 63113002, 63113003, 63193001, 63223430, 63223431, 63223432, 63223433, 63223434, 63223435, 63223436, 63223438, 63223494, 63223730, 63293538

Aplicação / Application: **FIAT:** Brava 1.8, Bravo 1.8 / 2.0, Coupé 1.8 / 2.0, Doblò 1.9, Grand Punto 1.6, Marea 2.4, Palio 1.9, Punto 1.9, Strada 1.9, Tempra 1.8 / 2.0, Tipo 1.6, Uno 1.3, Marea, Palio Weekend, Brava 1.6 16V EL, Brava 1.6 16V SX, Bravo 1.6, Bravo 1.6 SX, Marea 1.6 i 16V, Multipla 1.6 16 V Bipower, Multipla 1.6 16V, Multipla 1.6 16V Blupower, **LANCIA:** Dedra 1.6 16V, Lybra 1.6 16V, **ALFA ROMEO:** 145 1.4, 146 1.4, 155 1.8, 156 2.0, 164 2.0, 166 2.0, GT 1.8, GTV 2.0, Spider 2.0, **FORD:** Courier 1.3, Fiesta 1.3, **MAZDA:** 121 1.3, **NISSAN:** Primera 2.0, **SUZUKI:** SX4 1.9 DDiS

Magneti Marelli **Equivalente /** Replace



UF - 1.319/4 4 escovas / *brushes*

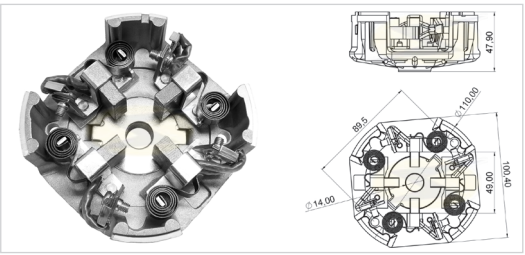
Especificações / Features: **12V, 3,0Kw** - Escova / *Brush*: 10 x 25 x 23,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI:** 1011743

Partida / Starter: **FIAT:** 4702248, 4807375, **MAGNETI MARELLI:** 632 16800, 632 16808, 632 16814, 632 16815, 632 16816, 632 16825, 632 16826, 632 16827, 632 16833, 632 16851, 632 16859, 632 16873, 632 16874, 632 16876, 632 16898, MT62BA, MT68A, MT68AA

Aplicação / Application: **FIAT:** Tratores Séries / Tractor Series: 446, 466, 480, 500, 540, 545B (1971), 550, 566, 570, 580, 600, 640, 650, 666, 680, 670, 750, 780, 850, 880, 900, 1000, L60, L65, L75, L85, L95, 55-46, 60-46, 65-46 (1988), 85-55 (1989), 55-56, 60-56, 65-56 (1990), 70-56, 90-56 (1990), 70-65 (1988 – 1989), 80-65 (1988 – 1989), 45-66, 50-66, 55-66, 60-66, 65-66 (1987), 70-66 (1984), 80-66 (1988), 70-75 (1989), 80-75 (1989), 70-76 (1990), 80-76, 55-85 (1992), 70-86 (1992), 72-86, 82-86, 55-88, 65-88 (1989), 70-88 (1989), 80-88 (1989), 55-90, 60-90, 65-90 (1987), 70-90 (1989), 80-90 (1988), 82-86 (1992), 85-90 (1991), 65-93, 72-93, 82-93, 88-93, 90-93, 95-93, 60-94, 65-94, 72-94, 82-94, 88-94,8041 (1979), 8061 (1978), FG65A (1984 – 1988), **NEW HOLLAND:** Tratores Séries / Tractor Series: 3435, 3935, 4135, 4635, 4835, 5635, 6635, 7635, TL65, TL70, TL80, TL90, TL100, TN55, TN65, TN70, TN75, TN55S, TN60DA, TN60SA, TN65F, TN65S, TN70DA, TN70F, TN70S, TN70SA, TN75DA, TN75F, TN75S, TN75SA, TN80F, TN85FA, TN90F, TN95F, TN95NA, TN95VA, TD60, TD70, TD80, TD85, TD90, TD95, TD55D, TD60D, TD65B, TD65D, TD70D, TD75D, TD80D, TD85D, TD90D, TD95D, 3630, 3830, 4030, 4230, 4330, 4430, 5630, LB75, TK76, TK85, TK100A, TK80A, TK90A, TK95, TK76, LM410, LM420, LM430, LM640, LM425A, TT55, TT75, 3010S, 4010S, 5010S

Magneti Marelli **Equivalente /** Replace



UF - 1.320/4 4 escovas / *brushes*

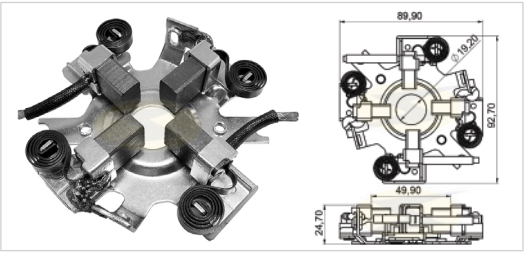
Especificações / Features: **24V, 4,0Kw** - Escova / *Brush*: 8 x 25 x 23 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI:** 72362601

Partida / Starter: **FIAT:** 4716026, 4701920, 4699704, 4737756, 4737754, 4807378, 7740560, 77445430, 77050562, 4807379, 42498212, **MAGNETI MARELLI:** MT67A, 63216740010, 63216727010, 63216725010, 63216747010, 63216748010, MT67AB, MT67DB, MT67DA, MT67CA, MT67C, 63216726010

Aplicação / Application: **FIAT:** Tratores Séries / Tractor Series: EX 215 W, FR-10B (1985 – 1995), 645B (1971 – 1983), FR100 (1994 ->), FR11 (1985 – 1995), FR130 (1994 ->), FR130.2, FW110 (Todos / All), FW130 (Todos / All), FW90 (Todos / All), 315, 65B, FE12R, FE16, FR7, FR9. Caminhões Séries / Trucks Series: 100F13, 100NC, 110NR, 110NT, 40NC, 50NC, 55NC, 616, 616N3, 616N3/4, 75PC, 79-13, 79F13, 80F13, 80NC, 90F13, 90NC, 90PC. Ônibus Séries / Bus Series: 314-3, **BENFRA:** Tratores Séries / Tractor Series: 10CH, 9.11, 9.12, 9.32, 1.25, 215I, 315, 4.08, 4.10, 4.12, 515, 6CH, 7.08, 8CH, 9.08, 9.09CH, 9.10CH, 9531, **NEW HOLLAND:** Tratores Séries / Tractor Series: LW90 (1999 ->), LW130TC, LW130 (1999 ->), LW110 (1999 ->), 130C, 150C

Magneti Marelli **Equivalente /** Replace



UF - 1.321/4 4 escovas / *brushes*

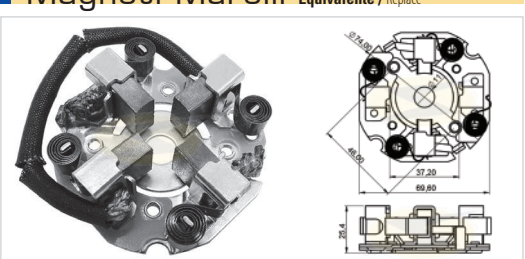
Especificações / Features: **12V** - Escova / *Brush*: 9 X 16 X 23,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI:** 72164101

Partida / Starter: 632 171 04, 632 171 05, 632 171 06, 632 171 07, 632 171 08, 632 171 10, 632 171 12, 632 171 16, 632 171 17, 632 171 18, 632 171 19, 632 171 20, 632 171 21, 632 171 25, 632 171 26, 632 171 38, 632 171 47, 632 171 48, 632 171 54, 632 171 56, 632 171 58, 632 171 63, 632 171 73, 632 171 80, 632 171 82, 632 171 86, 632 171 88, 632 171 97, 632 174 01, 632 174 02, 632 174 03, 632 174 04, 632 174 07, 632 174 08, 632 174 10, 632 174 25, 632 174 33, 632 174 47

Aplicação / Application: **FIAT:** Trator 55.46/55.65/55.66/55.90 (1984 - 1988), Ducato, **IVECO:** 8040 (1987 - 1999), 8041 (1990 - 2000), 8061 (1986 - 2000), 8141 (1991 - 2001), Daily 49.10 2.4D, **RENAULT:** Master 28-35 2.4/2.5D (1980-1989), Traffic 2.5D (1980 - 2001)

Magneti Marelli **Equivalente /** Replace



UF - 1.330/4 4 escovas / *brushes*

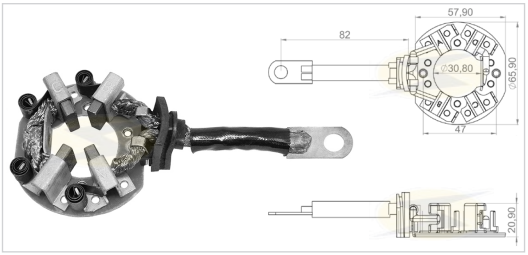
Especificações / Features: **12V** - Escova / *Brush*: 8 X 19 X 20 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MAGNETI MARELLI:** 83226336

Partida / Starter: 631 140 14, 632 095 01, 631 140 17, 632 220 05, 632 800 40, 632 800 41, **DENSO:** 4280001380

Aplicação / Application: **BMW:** 330 2.9D (1999 - 2006), 530 2.9D (1999 - 2004), 730 3.0D (1998 - 2001), X5 3.0D (2001 - 2003), **CITROEN:** Jumper 2.0 HDI (2002 - 2006), **FIAT:** Ducato 1.9D (1998 - 2002), Ducato TDI (1994 - 2002), Ducato 2.8 (TDI 1997 - 2002), **PERKINS, MASSEY FERGUSON:** Trator 6270 (1999->), 6280 (1999->), 6290 (1999->)

Mitsuba **Equivalente /** Replace



UF - 1.199/4 4 escovas / *brushes*

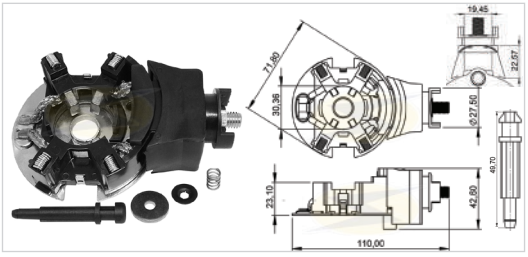
Especificações / Features: **12V** - Escova / *Brush*: 5 x 17 x 16 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 31200-P30-902, SM402-13, SM402-13N, SM442, SM442-01, SM442-02, SM442-07, SM442-08, SM442-09, SM442-10, SM442-11, SM442-13, SM442-22, SM442-25, SM442-39, SM442-42

Aplicação / Application: **HONDA:** CIVIC 1.6 (1993→1997), ACCORD 2.3 (1998→2002) / 3.0I V6 (1998→2002), ODYSSEY 2.3 (1998→1999), HR-V 1.6 16V (1999→), **ISUZU:** OASIS 2,3L (1998→1999)

Mitsuba **Equivalente /** Replace



UF - 1.216/4 4 escovas / *brushes*

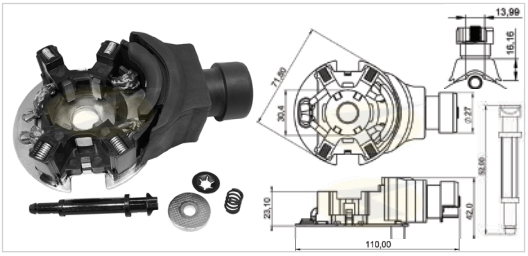
Especificações / Features: **12V, 1,6Kw - Tipo /** *Type:* **PMGR** - Escova / *Brush*: 4,7 x 12 x 11,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **MITSUBA:** 04312-PSA-305, 31210-PSA-J51, 1210RRAA52, 31210PHM004, 31210PSAJ52, 31210PSAJ53, 31210PSAJ54, 31210RNAA52, 31210RRAA51

Partida / Starter: SM61202, SM61206, SM61207, SM71001, SM71003, SM71004, SM612022W, 31200RAAA61, SM612 05, SM612 09, SM612 10, SM612 063M, SM7102, **HONDA:** 31200 RAA A51, 31200 RAA ARM, 31200 RAA ARAA43, 31200 RAA ARAA51, 31200PPA505, 1200PPAA01, 1200PPAA02, 1200PPAA03, 1200PPAA51, **LESTER:** 17816, 17844, 17870, 17959

Aplicação / Application: **ACURA:** TSX 2.4L, **HONDA:** Accord VII 2.0 / 2.0 4x4 / 2.4i, Civic VII 2.0 Type-R, Civic VIII 1.3 / 1.8, CR-V II 2.4i, CR-Z 1.3, Insight 1.0 / 1.3, Accord 2.4I, Civic Si / Ex / Lx (2007→2013) Cr-V 2.4I, Element 2.4I Ex / Lx

Mitsuba **Equivalente /** Replace



UF - 1.313/4 4 escovas / *brushes*

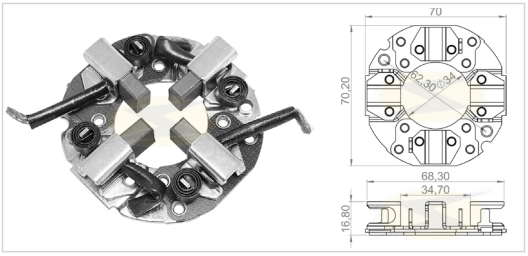
Especificações / Features: **12V** - Escova / *Brush*: 4,7 x 11,95 x 11,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: SM74018, SM74012

Aplicação / Application: **HONDA:** New Fit (2015 ->), New City (2015 ->), New Civic (2012 ->), CRV (2012 ->).

Mitsubishi **Equivalente /** Replace



UF - 1.142
UF - 1.142/2 2 escovas / *brushes*
UF - 1.142/4 4 escovas / *brushes*

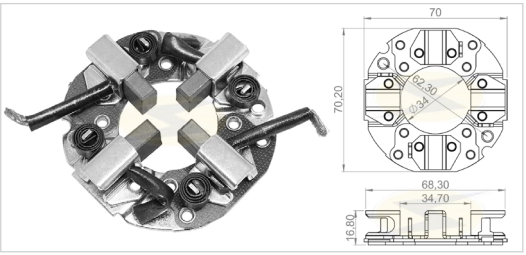
Especificações / Features: **12V - Tipo /** *Type:* **OSGR / PLGR** - Escova / *Brush*: 7 x 12 x 16 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **MITSUBISHI:** M649X20471, ME701467, M649T20471, MD618967

Partida / Starter: M8T 75071, ME201650, M2T56182, M2T84071, M2T87071, M2T87971, M 008 T75 071, M 002 T85 271, M 002 T87 771, M 002 T87 71ZA, M 002 T87 71ZT, M 002 T87 671, **MANDO:** MG-120413, TM000A36101, **MITSUBISHI:** M002T84071, M002T84071ZT, M002T84171, M002T84171ZT, M002T84271, M002T84371, M002T84471, M002T84571, M002T84671, M002T84771, M002T85071, M002T85371, M002T85671, M002T85672, M002T85771, M002T85871, M002T87071, M002T87071ZT, M002T87072ZT, M002T87171, M002T87171ZT, M002T87271, M002T87271ZT, M002T87371, M002T87471, M002T87971, M002T88071, M002T88171, M002T88271, M002T88372, M002T88471, M002T88473, M002T88671, M002T88971, M002TS0471, M002TS0571, M002TS0575, M002TS0671, M008T70071, M008T70171, M008T70175, M008T70371, M008T70471, M008T70471A, M008T70472, M008T71371, M008T71371ZE, M008T71471, M008T71471ZE, M008T71571, M008T75071A, M008T75073, M008T75073A, M008T75074, M008T75171, M008T75271, M008T75371, M008T75671, M008T75871, M008T75971, M008T76071, M008T76072, M008T76072ZE, M2T84071ZT, M2T84171, M2T84171ZT, M2T84271, M2T84371, M2T84471, M2T84571, M2T84671, M2T84771, M2T85071, M2T85371, M2T85671, M2T85672, M2T85771, M2T85871, M2T87071ZT, M2T87072ZT, M2T87171, M2T87171ZT, M2T87271, M2T87271ZT, M2T87371, M2T87471, M2T87671, M2T87771, M2T88071, M2T88171, M2T88271, M2T88372, M2T88471, M2T88473, M2T88671, M2T88971, M2TS0471, M2TS0571, M2TS0575, M2TS0671, M8T70071, M8T70171, M8T70175, M8T70371, M8T70471, M8T70471A, M8T70472, M8T71371, M8T71371ZE, M8T71471, M8T71471ZE, M8T71571, M8T75071A, M8T75073, M8T75073A, M8T75074, M8T75171, M8T75271, M8T75371, M8T75671, M8T75871, M8T75971, M8T76071, M8T76072, M8T76072ZE, MD312857, MD312858, MD314167, MD315547, MD315548, MD331137, MD344182, MD344183, MD348221, ME201650A, ME202970, ME204424, ME204424A, ME204425, ME204425B, HYUNDAI: 3610042250, **NISSAN:** 233001P115, 233001P175, 2330060U15, 233006P010

Aplicação / Application: **CLARK, SUBARU, TOYOTA, PLYMOUTH, AUDI, BOBCAT, CHEVROLET-GM:** S10 C/ Motor Mwm 2.8 Sprint, **DODGE:** Caravan 2.8 CRD, Grand Caravan 2.8 CRD, **FORD:** Ranger 2.5 Diesel / 2.5 TD 4x4, **HYUNDAI:** H100 2.5 Diesel / 2.5 TD, HR, Galloper 2.5 Diesel Intercooler, H1 2.5 CRDi / 2.5 TD, H100 (Com Partida De Mando / With Starter Mando), **KIA:** Bongo K2500 2.5 TCi, Pregio 2.5 TCi, Ts 2500, **MAZDA:** 323 2.0 Diesel / 2.0 TD, 626 2.0 Diesel / 2.0 TD, B2500 2.5 Diesel / 2.5 TD, MP-V 2.5 TD, Premacy 2.0 TD, **MITSUBISHI:** Colt 1.8 Diesel, Galant 2.0 TD / 2.3 TD, L200 2.5 Di-D / 2.5 Diesel / 2.5 TD 4WD, L300 2.5 Diesel / 2.5 TD 4WD, Lancer 1.8 Diesel, Pajero 2.3 TD / 2.5 TD / 2.8 TD / 3.2 Di-D, Space Gear 2.5 TD, Space Runner 2.0 TD GLX, Space Wagon 1.8 TD / 2.0 TD, L200 Sport Hpe / Outdoor, Pajero Sport 2.8d, Trator, **RENAULT:** Master 2.5 Diesel / 2.8 Diesel / 2.8 dTi, Master Até 2005, **SUZUKI:** Alto 1.0, Baleno 1.6i 16V / 1.8 GT / 1.8i 16V / 1.9 TD, Grand Vitara 2.0 HDi, Swift 1.0 / 1.3 / 1.3 GTi / 1.3 GXi / 1.6 / 1.6i, Wagon R+ 1.3 4WD, **NISSAN:** Almera 2.2 dCi / 2.2 Diesel / Tino 2.2 Diesel, Frontier 2.5 dCi, Navara (Frontier) 2.5 dCi, Pathfinder 2.5 dCi, **CHRYSLER:** Voyager 2.5 CRD / 2.8 CRD / 2.8 CRDi, **CITROEN:** Jumper 2.5 Diesel / 2.5 TD / 2.5 TDi, **HONDA:** Accord 2.2 DTDi, Civic 2.2 CTDi, CR-V 2.2 CTDi, FR-V 2.2i CTDi, **JEEP:** Cherokee 2.8 CRD, **OPEL:** Movano 2.5 Diesel / 2.8 TDi, **PEUGEOT:** 605 2.5 TD, Boxer 2.4 TDi / 2.5 Diesel / 2.5 TDi, **VAUXHALL:** Movano 2.5 Diesel / 2.8 DTi / 2.8 TDi,

Mitsubishi **Equivalente /** Replace



UF - 1.143/2 2 escovas / *brushes*
UF - 1.143/4 4 escovas / *brushes*

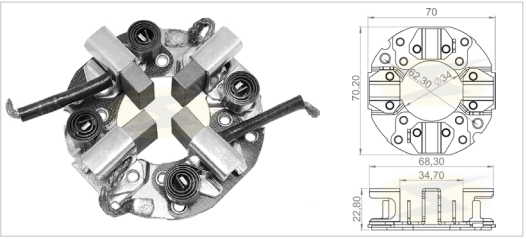
Especificações / Features: **24V - Tipo /** *Type:* **OSGR / PLGR -** Escova / *Brush*: 7 x 12 x 17 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MITSUBISHI:** M649X20771, ME701495

Partida / Starter: M8T 80071, ME 012995, M8T 80171, M8T 85071, M002T80772, M002T87571, M002T87871, M002TS5071, M008T80071, M008T80071A, M008T80071B, M008T80171, M008T80371, M008T80372, M008T80373, M008T80374, M008T80471, M008T80471A, M008T80472, M008T80472A, M008T80571, M008T80571A, M008T80772, M008T81071, M008T81071A, M008T85071, M008T85071A, M008T85071B, M008T85271, M008T85271B, M008T85471, M008T85571, M008T85671, M2T80772, M2T87571, M2T87871, M2TS5071, M8T80071A, M8T80071B, M8T80371, M8T80372, M8T80373, M8T80374, M8T80471, M8T80471A, M8T80472, M8T80472A, M8T80571, M8T80571A, M8T80772, M8T81071, M8T81071A, M8T85071A, M8T85071B, M8T85271, M8T85271B, M8T85471, M8T85571, M8T85671, ME012994, ME013008, ME014418

Aplicação / Application: **BOBCAT, CLARK, ONAN, TORO, TOYOTA, CASE:** Máquinas diversas, **ISUZU:** Motor 4JB1PA, **KOBELCO:** Escavadeira SK60 / SK70 / SK200 / SK210, **MITSUBISHI:** Canter 60 3.9 TD / 75 3.9 TD, Fighter FK71D, Trator / Tractor,

Mitsubishi / Valeo / Mando **Equivalente /** Replace



UF - 1.144
UF - 1.144/2 2 escovas / *brushes*
UF - 1.144/4 4 escovas / *brushes*

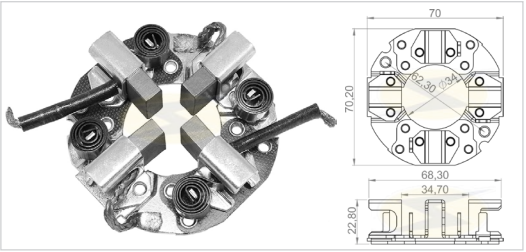
Especificações / Features: **12V - Tipo /** *Type:* **OSGR / PLGR -** Escova / *Brush*: 7 x 18 x 18,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MITSUBISHI:** M649T05071, M649T05072, ME700127, **FORD:** EE9 3044X018, **MAZDA:** 8599 24 750, **NISSAN:** 23378 W3410, **ONAN:** 191 1434

Partida / Starter: **MITSUBISHI:** M002T54172, M002T54271, M002T54371, M002T56182, M002T65271, M2T54371, M2T56182, MD164975, M2T54271, M2T54172, **MANDO:** MG122565, MG120413, **VALEO:** TM000A23601, **HYUNDAI:** DSL3610044000, DSL3610044010, DS-L361004A000, DSL361004A010, DSL36100 4400

Aplicação / Application: **TORO, YALE, ACURA, CASE, DODGE, MAZDA, HYUNDAI:** H1, H100, HR, H100 2.5 Diesel, Galloper 2.5 TD, H1 2.5 CRDi / 2.5 Diesel / 2.5 TD, Porter 2.5 CRDi, Starex 2.5 CRDi / 2.5 TD, **KIA:** Sorento 2.5 CRDi, Besta, **MITSUBISHI:** L-200, L-300 - Turbo, Libero, Colt 1.8 Diesel / 2.0 Diesel, Galant 1.8 TD / 2.0 TD / 2.3 TD, L200 2.5 Diesel / 2.5 TD, L300 2.3 Diesel / 2.5 Diesel / 2.5 TD, Lancer 2.0 Diesel, Pajero 2.3 TD / 2.5 TD, Space Runner 2.0 TD GLX, Space Wagon 1.8 TD / 2.0 TD, Empilhadeira FD20, **NISSAN:** Frontier 3.2 - (1999→), **KUBOTA:** Motores Frigoríficos / Refrigerators Motors

Mitsubishi **Equivalente /** Replace



UF - 1.145/2 2 escovas / *brushes*
UF - 1.145/4 4 escovas / *brushes*

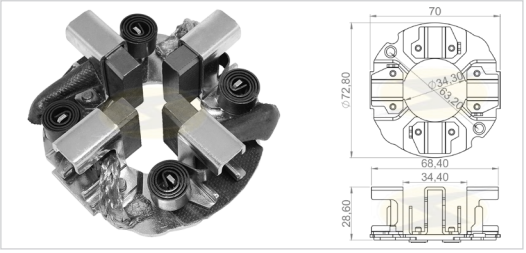
Especificações / Features: **24V - Tipo /** *Type:* **OSGR / PLGR -** Escova / *Brush*: 7 x 18 x 18,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MITSUBISHI:** M649T05071, M649T05072, **FORD:** EE9 3044X018, **MAZDA:** 8599 24 750, **NISSAN:** 23378 W3410, **ONAN:** 191 1434

Partida / Starter: M002T67871, ME017035, M002T67881, ME017085, M2T65271, M2T65272, M2T66272, M002T65271, M002T65272, M002T66272, M2T67871, M2T67881

Aplicação / Application: **YALE, CASE, KUBOTA:** Motores Frigoríficos / Refrigerators Motors, **MITSUBISHI:** Empilhadeira FD20, Canter 211 Diesel / 444 Diesel. Caminhão,

Mitsubishi **Equivalente /** Replace



UF - 1.146/2 2 escovas / *brushes*
UF - 1.146/4 4 escovas / *brushes*

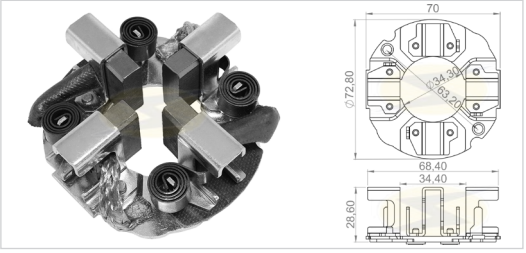
Especificações / Features: **12V - Tipo /** *Type:* **PLGR -** Escova / *Brush*: 8 x 24 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MITSUBISHI:** F4TZ 11061 A, SBE 351

Partida / Starter: F4TZ-11002B, M008T60871, M008T60872, M008T60873, 32B66-02500, M8T50071, M8T50171, M8T55171, ME087764, M008T50071, M008T50072, M008T50171, M008T55171, M008T55472, M008T55473, M8T50072, M8T55471, M8T55472, M8T55473

Aplicação / Application: **CATERPILLAR:** 320C, Escavadeira 320, Escavadeira 320B, **FORD:** Van, Pick-Up - 7.3 L - Diesel, E350 6.9 V8, F250 6.9 V8, F350 6.9 V8, **MITSUBISHI:** Empilhadeira FD35D / FD35D2 / FD35DS / FD38 / FD40D / FD45D / FD50C / FD50D

Mitsubishi **Equivalente /** Replace



UF - 1.147/2 2 escovas / *brushes*
UF - 1.147/4 4 escovas / *brushes*

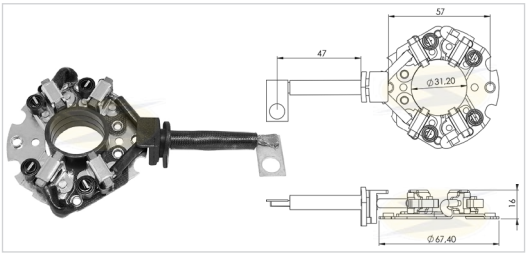
Especificações / Features: **24V - Tipo /** *Type:* **PLGR -** Escova / *Brush*: 8 x 24 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MITSUBISHI:** M649X20371, M649X20671, M649X21871, M649T02171, ME701448, **VALEO:** TM500C02501

Partida / Starter: M8T60071, ME077796, M8T60271, M8T60371, M8T60372, M8T60771, M008T60271, M008T60371, M008T60372, M008T60373, M008T60471, M008T60771, M008T60871, M008T60872, M008T60873, M008T60971, M008T60973, M8T60373, M8T60471, M8T60871, M8T60872, M8T60873, M8T60971, M8T60973, M8T62671

Aplicação / Application: **FORD, CATERPILLAR:** Escavadeira 320B, Empilhadeira/ Forklift DP40, **KOBELCO:** Escavadeira SK210, **MAN:** 7150, 7180, 7220, 8150, 8180, 8210, 8240, 10180, 10210, 10240, 12180, 12210, 12240, 13240, 13280, 15240, 15280, 18240, 18280, 18330, 26280, 26330, **MITSUBISHI:** Fuso, Empilhadeira FD35D / FD35D2 / FD35DS / FD38 / FD40D / FD45D / FD50C / FD50D

Mitsubishi **Equivalente /** Replace



UF - 1.155
UF - 1.155/2 2 escovas / *brushes*
UF - 1.155/4 4 escovas / *brushes*

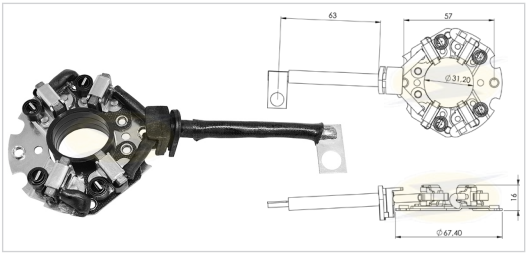
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 12 x 17 mm
(L x A x C / *W x H x L*) **Cabo Curto / *Short Cable* (85mm)**

Equivalente / Replace: **MITSUBISHI:** MD611217, M649T06871, M649T01271, M649T01272, M649T01273, M649T09371, M649T09471, MD611731, MD611918, M321X06676, 3616935010, 2337842L70 2337842L71, **BOSCH:** F 042 050 030

Partida / Starter: M1T60081, M1T60281, M1T71381, M1T72581, M1T72583, M1T72583G, M1T72681, M1T73281, M1T73283, M1T77881, M1T78981, M1T79081, TM000A08401, M000T81181, M001T84883, M001T84881, M001T84883ZC, 3610023160, M000T90482, M000T-90482ZC, M000T91781, M000T91981, M000T91981ZC, M001T40371, M001T60081, M001T60181, M001T60185, M001T60281, M001T60381, M001T60581, M001T61181, M001T64285, M001T68281, M001T68381, M001T68681, M001T70281, M001T70283, M001T70482, M001T70483, M001T70685, M001T70981, M001T70981A, M001T70982, M001T70985, M001T71381, M001T71382, M001T71382ZC, M001T71481, M001T71481A, M001T71781, M001T71781A, M001T72081, M001T72085, M001T72086, M001T72086A, M001T72087, M001T72088, M001T72181, M001T72182, M001T72281, M001T72281A, M001T72481, M001T72581, M001T72583, M001T72583G, M001T72981, M001T72985, M001T72985A, M001T73281, M001T73283, M001T73381, M001T73381ZC, M001T73383, M001T73481, M001T73481A, M001T73881, M001T75181, M001T75181A, M001T75581, M001T75681, M001T77081, M001T77181, M001T77281, M001T77381, M001T77581, M001T77777, M001T77777ZC, M001T77781, M001T77781ZC, M001T78181, M001T78581, M001T78581ZC, M001T78881, M001T79081, M001T79483, M001T79681, M001T79781, M001T90081A, M001T96081, M001T96281, M001T96781, M002T53083, M003T70381, M00D099667, M00D112625, M00D136933, M00D162839, M00D162840, M00D162842, M00D162843, M00D172860, M00D172861, M00D172863, M00D172864, M00D309471, M00D313327, M00D328235, M00P112033, M00P112040, M00P112042, M00P112043, M0T81181, M0T90482, M0T90482ZC, M0T91781, M0T91981, M0T91981ZC, M1T40371, M1T60181, M1T60185, M1T60381, M1T60581, M1T61181, M1T64285, M1T68281, M1T68381, M1T68681, M1T70281, M1T70283, M1T70482, M1T70483, M1T70685, M1T70981, M1T70981A, M1T70982, M1T70985, M1T71382, M1T71382ZC, M1T71481, M1T71481A, M1T71781, M1T71781A, M1T72081, M1T72085, M1T72086, M1T72086A, M1T72087, M1T72088, M1T72181, M1T72182, M1T72281, M1T72281A, M1T72481, M1T72981, M1T72985, M1T72985A, M1T73381, M1T73381ZC, M1T73383, M1T73481, M1T73481A, M1T73881, M1T75181, M1T75181A, M1T75581, M1T75681, M1T77081, M1T77181, M1T77281, M1T77381, M1T77581, M1T77777, M1T77777ZC, M1T77781, M1T77781ZC, M1T78181, M1T78581, M1T78581ZC, M1T78881, M1T79483, M1T79681, M1T79781, M1T90081A, M1T96081, M1T96281, M1T96781, M2T53083, M3T70381, MD099667, MD112625, MD136933, MD162839, MD162840, MD162842, MD162843, MD172860, MD172861, MD172863, MD172864, MD309471, MD313327, MD328235, MP112033, MP112040, MP112042, MP112043, 1250299, TM000A04101, TM000A19301, TM000A31201, 2330030F11, 2330030R13, 2330044R11, 233004E210, 2330050Y11, 2330052F10, 2330053J12, 2330081N11, 23300W9810, 3610032510, 361003E020, 471Q3708950

Aplicação / Application: **CHRYSLER:** Cirrus 2.5, Concorde 2.7, Grand Voyager 2.4i, Sebring 2.5, Voyager 2.4i, Neon, Stratus, **CLARK:** Empilhadeira / Forklift, **DODGE:** Stratus 2.5, (1989→2000), **HYUNDAI:** H100 2.4, HR, Coupé (Tiburon/Tuscani), Elantra 1.6 / 1.8, H1 2.4, Lantra 1.6 / 1.8, Lantra II 2.0i 16V, Santamo 2.0, Sonata 1.8 / 2.0 / 2.4, Sonata III 3.0i V6, Tucson 2.0, Trajet 2.0 16V, Excel, **KOMATSU:** Empilhadeira / Forklift, **MAZDA:** 323 IV 1.8 16V, 323 V 2.0 V6, 626 III 2.0, 626 IV 2.5 V6, 929 3.0 V6, MPV 3.0, MX3 1.8i V6, MX6 2.0i / 2.5i V6, RX7 1.2 / 1.3 / 1.3 Turbo, Xedos 2.0 V6 / 2.5 V6, (1989→2000), **MITSUBISHI:** Colt III 1.8 GTi, Eclipse 1.8, Galant VI 2.0 16V / 2.4 GDi, Galloper 3.0i V6, L200 2.0, Lancer III 1.8 GTi, Lancer VII 2.0, Outlander I 2.0, Pajero 3.0 V6 / 3.5 V6, Space Gear 2.0 / 2.4, Space Runner 1.8 / 2.0 / 2.4 GDi, Space Wagon III 2.0 GDi / 2.4 GDi, Empilhadeira / Forklift, Eclipse 2.0, 3000 Gt, **NISSAN:** 100NX 2.0, 200SX 2.0i Turbo, Pathfinder 3.5, Prairie 2.0, Primera 2.0, Sunny II 1.6 16V / 1.8 GTi 16V, Sunny III 2.0 GTi 16V, Terrano II 2.4, Pulsar, Stanza, Empilhadeiras / Forklift, **TOYOTA:** Empilhadeira / Forklift, **YALE:** Empilhadeira / Forklift, **CATERPILLAR:** Escavadeira 304CR, **CITROEN:** C4 I 2.0 16V, C5 I 1.8, C5 III 1.8 16V, C8 2.0, Xsara Picasso 1.8i 16V, **FIAT:** Scudo 2.0 16V, **FORD:** Maverick 2.4i, **JEEP:** Liberty 2.4, Wrangler 2.4, **KIA:** Carens II 2.0, Cerato I 2.0, Colt III 1.8 GTi, Colt IV 1.6, Colt V 1.6, Joice 2.0, Retona 2.0 16V, Roadster 1.8, Sephia 1.8, Sorento 3.5 V6, Spectra, Sportage, **PEUGEOT:** 206 2.0, 307 2.0 / 2.0i, 308 2.0, 406 2.0 16V HPi / 2.2i 16V, 607 2.2 16V, 806 2.0 16V, **SUBARU:** Impreza 2.0 Turbo, Legacy 1.8 / 2.0 / 2.0 Turbo / 2.2 / 2.5, Outback 2.5i 16V, **SUZUKI:** Baleno 1.3 / 1.8 / 1.9 TD, Swift 1.3 / 1.3 GTi / 1.6, Wagon R+ 1.3

Mitsubishi **Equivalente /** Replace



UF - 1.156/2 2 escovas / *brushes*
UF - 1.156/4 4 escovas / *brushes*

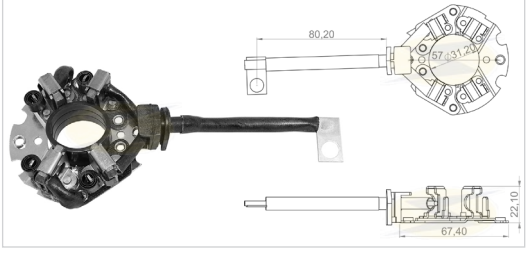
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 12 x 17 mm
(L x A x C / *W x H x L*) **Cabo longo / *Long cable* (110mm)**

Equivalente / Replace: **MITSUBISHI:** M649T01271, M649T09371, 3616932510, 3617032500

Partida / Starter: M1T70381, M1T70481, M1T70485, M1T70781, M1T70881, M1T71081, M1T71281, M1T71581, M1T71681, M1T71881, M001T76081, **VALEO:** 36100 23070, 36100 3E020, TM000A37901, 125313, 36100-37210, 33002709, M001T4283ZC, M001T70381, M001T70481, M001T70485, M001T70781, M001T71881, M001T71081, M001T71281, M001T71581, M001T71681, M1T4283ZC

Aplicação / Application: **INFINITI, MERCURY, PLYMOUTH, SUBARU, SUZUKI, FORD, GEO, CHRYSLER, CATERPILLAR, CHEVROLET--GM:** Omega 6cc 3.0, **CLARK:** Empilhadeira Com / Forklift With Mitsubishi (Cgp 25), **DODGE:** Raider 2.6l, Ram 50 Pickup 2.0l / 2.4l / 2.6l, **DODGE COLT:** Plymouth Colt 1.6l, **DODGE COLT VISTA:** Plymouth Colt Vista 2.0l, **EAGLE:** Summit 2.4l, Talon 2.0l, **HYUNDAI:** Coupé (Tiburon/Tuscani) 1.8 16V, Coupe 2.0 16v (2004), Excel, H100, Elantra 1.6l / 1.8l / 2.0l (2007), I30 2.0 (2007), Tiburon 1.8l / 2.0l Cvvt (2007), Sonata 2.0l, Santa Fé, Tucson 2.0l, **JEEP:** Cherokee / Wrangler (1997→1998), Grand Cherokee 5.2, V8 5.9, **KIA:** Cee'd 2.0 (2007), Spectra 2.0l (2007), Sportage 2.0 (2007), **MAZDA:** Rx7 1.3l Turbo, Rx7 1.3l, Pickup 2.2l, **MITSUBISHI:** Eclipse 2.0l, 2.0l Turbo, 2.4l, Expo 2.4l, Galant 2.4l, **NISSAN:** D21, Pathfinder 3.0 V6 (1990→1995), **YALE:** Empilhadeira Com / Forklift With Mitsubishi (Cgp 25)

Mitsubishi **Equivalente /** Replace



UF - 1.157
UF - 1.157/2 2 escovas / *brushes*
UF - 1.157/4 4 escovas / *brushes*

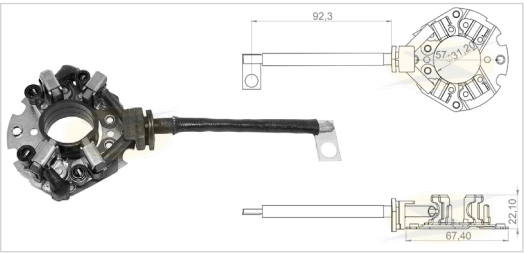
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 18 x 17 mm
(L x A x C / *W x H x L*) **Cabo curto / *Short Cable***

Equivalente / Replace: **MITSUBISHI:** F32Z 11061 B, SBE 342, 835 036 71, 832 244 61, 832 253 26, M647T01671, M649T06971, 83503671, 83224461, 83225326

Partida / Starter: M1T74081, M1T74181, M1T74281, M1T74381, M1T74481, M1T74482, M1T74581, M1T74583, M1T74781, M1T74781A, M1T75281, M1T75283, M1T75381, M1T75681, M1T76281, M1T95081, M001T74081, M001T74181, M001T74281, M001T74381, M001T74481, M001T74482, M001T74581, M001T74583, M001T74781, M001T74781A, M001T75281, M001T75283, M001T75381, M001T75681, M001T76281

Aplicação / Application: **AMC, CHEVROLET-GM, DODGE, EAGLE, FORD, GEO, HYUNDAI, INFINITI, MITSUBISHI, TOYOTA:** 2L, 3L , **JEEP:** Cherokee 4.0, Grand Cherokee 4.0, Wrangler 4.0, **MAZDA:** 929 3.0 V6, MPV 3.0, RX7, Xedos 6 2.0 V6, **SUBARU:** Forester 2.0 / 2.5, Impreza 1.8 / 2.0, Legacy II 2.0 / 2.2, Outback 2.5i, SVX 3.3i 24V, Vivio 0.7, **SUZUKI:** Baleno 1.3 / 1.8 / 1.9 TD, Grand Vitara 1.6 / 2.0, Swift 1.3 / 1.3 GTi / 1.6, Vitara 1.6, Wagon R+ 1.3

Mitsubishi **Equivalente /** Replace



UF - 1.158/2 2 escovas / *brushes*
UF - 1.158/4 4 escovas / *brushes*

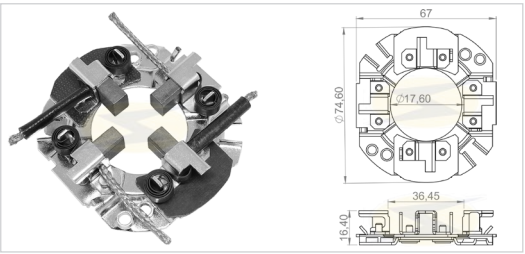
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 18 x 17 mm (L x A x C / *W x H x L*) **Cabo longo /** ***Long cable***

Equivalente / Replace: **MITSUBISHI:** M649T01671, F32Z-11061-B, SBE342

Partida / Starter: M1T74283, M1T75181, M1T75581, M1T76081, M001T74283, M001T75181, M001T75581, M001T76081

Aplicação / Application: **JEEP:** Cherokee 4.0 XJ, Grand Cherokee 4.0 ZJ, Grand Cherokee 5.2, Wrangler II 4.0 TJ, Cherokee Sport XJ (1989→1998), **MAZDA:** 323 2.0 V6, 626 IV 2.5 V6, 929 III 3.0 V6, MPV I 3.0, MX-3 1.8i, MX-6 2.5i V6, Xedos 6 2.0 V6 / 9 2.0 V6, (1989→1998)

Mitsubishi **Equivalente /** Replace



UF - 1.159
UF - 1.159/2 2 escovas / *brushes*
UF - 1.159/4 4 escovas / *brushes*

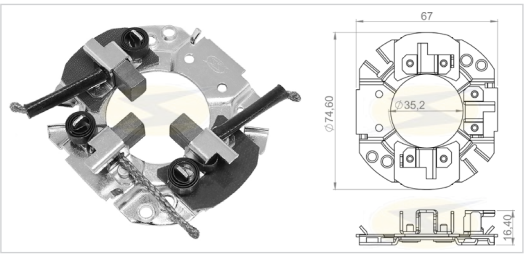
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 7 x 10 x 18 mm (L x A x C / *W x H x L*) **4 Cavaveltes /** ***4 Brackets***

Equivalente / Replace: **MITSUBISHI:** M649T04471, M649T01899, MD607420, M649X09571, 23378N5912, **DELCO:** 1911475

Partida / Starter: M2T50181, M2T50585, M2T51085, M2T52181, M2T52681, M2T52881, M2T52882, M2T53181, M2T53781, M2T53785, M2T58581, M002T23685, M002T24281, M002T25481, M002T25681, M002T50171, M002T50181, M002T50281, M002T50285, M002T50371, M002T50381, M002T50391, M002T50585, M002T51085, M002T52181, M002T52681, M002T52881, M002T52882, M002T53181, M002T53781, M002T53785, M002T58581, M003T21882D, M2T23685, M2T24281, M2T25481, M2T25681, M2T50171, M2T50281, M2T50285, M2T50371, M2T50381, M2T50391, M3T21882D

Aplicação / Application: **BOBCAT, CLARK, DODGE, FORD, GEHL, INGERSOLL-RAND, MAZDA, MELROE, MITSUBISHI, ONAN, PERKINS, PLYMOUTH, TORO, IHC, NISSAN:** Micra 1.0 / 1.2, Patrol 2.8, Serena 1.6, Vanette 1.6i / 2.0, Empilhadeiras / Forklift, **YALE:** Empilhadeira Com Partida / Forklift With Starter Mitsubishi, **HYUNDAI:** Accent, **CATERPILLAR:** Empilhadeira GC15 / GC18 / GC20 / GC25, **KOMATSU:** Empilhadeira FG20

Mitsubishi **Equivalente /** Replace



UF - 1.160
UF - 1.160/3 3 escovas / *brushes*

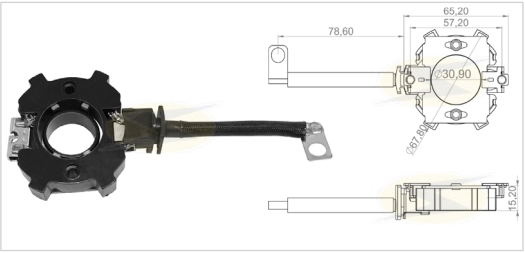
Especificações / Features: **12V - Tipo /** *Type:* **DD OSGR -** Escova / *Brush*: 7 x 10 x 18 mm (L x A x C / *W x H x L*) **3 Cavaveltes /** ***3 Brackets***

Equivalente / Replace: **MITSUBISHI:** M649T01371, 649T02271, M649T02272, M649T04471, M649T04871, MD607926, MD607555, **FORD:** SBE325, SBE334, SBE345, F4BZ 11061 A, E7GZ 11061 A, **KIA:** 36170-21740, **ISHIKAWA-JIMA:** 18541 6390, **NISSAN:** 23378 M8011

Partida / Starter: M2T20181D, M2T30481, M2T30581, M2T30981, M2T31081, M2T32281, M2T32581, M2T37081, M2T42381, M2T42985, M2T43681, M2T43781, M2T43881, M2T44781, M2T49881, M003T41781, M002T20181D, M002T30481, M002T30581, M002T30981, M002T31081, M002T32281, M002T32581, M002T37081, M002T42381, M002T42985, M002T43681, M002T43781, M002T43881, M002T44781, M002T49881, M003T38981, M3T38981, M3T41781

Aplicação / Application: **DODGE, EAGLE, WOODS, FORD, JOHN DEERE, KIA, LINCOLN ELECTRIC, MAZDA, MERCURY, ONAN, PLYMOUTH, HYUNDAI:** Excel, **MITSUBISHI:** Empilhadeiras / Forklift, **NISSAN:** Sunny 1.2 / 1.5, Vanette 1.5, Empilhadeiras / Forklift, **SUZUKI:** SJ410 1.0, Vitara (1997→1998), **HYSTER:** Empilhadeiras Com Partida / Forklift With Starter 918139600, **YALE:** Empilhadeiras Com Partida / Forklift With Starter 010476 Dn, **KUBOTA:** Escavadeira KH21,

Mitsubishi **Equivalente /** Replace



UF - 1.178/4 4 escovas / *brushes*

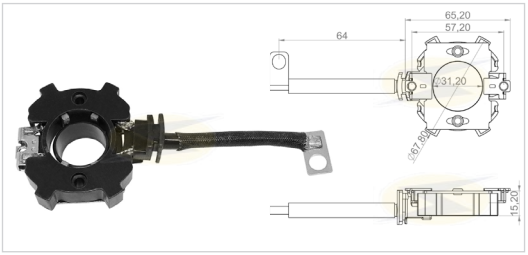
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 12 x 12,8 mm (L x A x C / *W x H x L*) **Cabo longo /** ***Long cable***

Equivalente / Replace: **MITSUBISHI:** M321X04471, M321X04771, M321X05171, M321X07071

Partida / Starter: 9181 39600, FF184 00, 000T92581, M000T848827ZC, M0T60081, M0T60082, M0T60186, M0T60187, M0T70881, M0T80081, M0T80281, M0T80281A, M0T80285, M0T80285A, M0T80381, M0T80581, M0T80783, M0T80981, M0T81081, M0T81281, M0T81284, M0T81681, M0T82081, M0T82281, M0T83981, M0T84881ZC, M0T85081, M0T85681, M0T85881, M0T85981, M0T86481, M0T91181ZC, M1T60285, M1T78681, M1T79482, M1T79781, M1T83981, M1T84171ZC, M1T84181, M1T84381, M1T84981, M1T85881, M1T86081, M1T86182, M001T86281ZC, M000T88481, M000T60081, M000T60082, M000T60186, M000T60187, M000T70881, M000T80081, M000T80281, M000T80281A, M000T80285, M000T80285A, M000T80381, M000T80581, M000T80783, M000T80981, M000T81081, M000T81281, M000T81284, M000T81681, M000T82081, M000T82081ZE, M000T82281, M000T83981, M000T84881ZC, M000T84882ZC, M000T85081, M000T85681, M000T85881, M000T85981, M000T86481, M000T91181ZC, M001T60285, M001T78681, M001T79482, M001T79781, M001T83981, M001T84171ZC, M001T84181, M001T84381, M001T84981, M001T85881, M001T86081, M001T86182, M001T86281, M0T82081ZE, M0T84882ZC, M1T86281

Aplicação / Application: **CHEVROLET-GM, LYMOUTH, CHRYSLER:** Concorde, Pt Cruiser, **CITROEN:** C5 (2001→2004), Picasso, **DODGE:** In-Trepid 2.7l, **HYSTER:** Empilhadeira / Forklift (1995→2005), **JEEP:** Wrangler L6 4.0 Tj / Yj (1988-1998), Cherokee Sport L6 4.0 Xj, **KIA:** Sportage, **MAZDA:** Mpv 3.0l, Protege 1.6l / 1.8l / 2.0l, **MITSUBISHI:** Pajero / Montero 3.0l (2000→2003) / 3.5l (1999→2004) / 3.8l (2001→2002), Mirage 1.5l / 1.8l, **NISSAN:** 200sx 1.6l (1995→1998), Empilhadeira / Forklift, Sentra 1.6l (1995→1999), Frontier 2.4l (1999→2001), Pickup 2.4l, Lift Truck Nissan, Xterra 2.4l (2000→2001), **PEUGEOT:** 206, 406 (1999→2004), 306, 407, **SUBARU:** Forest 2.5l, Impreza (1997→2003), 2.2l / 2.5l, Outback 2.2l / 2.5l, **SUZUKI:** Vitara, **FORD:** Fusion

Mitsubishi **Equivalente /** Replace



UF - 1.179/4 4 escovas / *brushes*

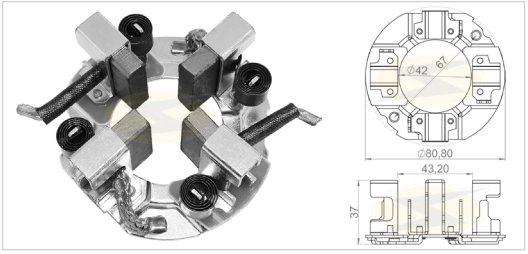
Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,5 x 12 x 12,8 mm (L x A x C / *W x H x L)* **Cabo curto /** ***Short cable***

Equivalente / Replace: **MITSUBISHI:** M321X04471

Partida / Starter: M000T843814, MD61 9097, MD61 9311, 56041014, 56041641AD, M001T74287ZC, M001T86884ZC, M0T843814, M1T-74287ZC, M1T86884ZC

Aplicação / Application: **CHRYSLER, DODGE, MAZDA, MITSUBISHI, NISSAN, SUBARU, HYSTER:** Empilhadeira / Forklift (1995→2005)

Mitsubishi **Equivalente /** Replace



UF - 1.187/4 4 escovas / *brushes*

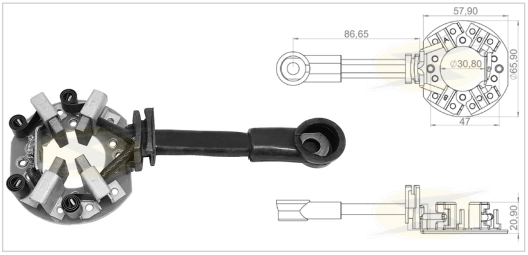
Especificações / Features: **24V** - Escova / *Brush*: 8 x 30 x 18,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: M009T61671, M009T62572ZA, M009T644471ZA, 2T0911023G, MM0 097 662 572 ZA, 2509110223A, 2S0911023A, P21632127, M009T66371ZA, M9T61671, M9T62572ZA, M9T64471ZA, M9T66371ZA

Aplicação / Application: **IVECO:** Strallis, **VOLKSWAGEN:** Constellation 25 370, **VOLVO:** NH / FH, FH12/340 / 380 / 420 / 460 / 500, NH12

Mitsubishi **Equivalente /** Replace



UF - 1.200/4 4 escovas / *brushes*

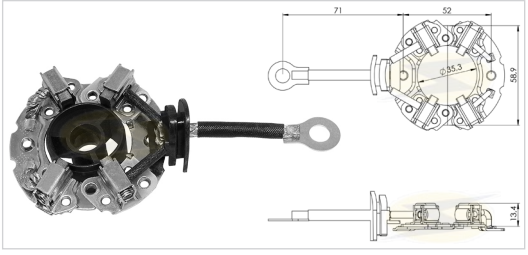
Especificações / Features: **12V** - Escova / *Brush*: 5 x 17 x 16 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: SM 402 03, SM 402 202

Aplicação / Application: **ISUZU, ACURA, HONDA:** Accord IV 2.2i 16V, Accord 2.2l, Prelude IV 2.0i 16V, Prelude 2.2l / 2.3l, Shuttle 2.2 16V, Civic, Odyssey 2.2l / 2.3l

Mitsubishi **Equivalente /** Replace



UF - 1.231/4 4 escovas / *brushes*

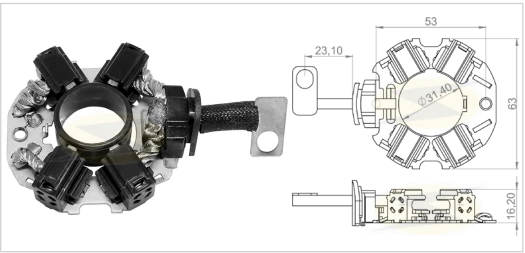
Especificações / Features: **12V, 0,8Kw** - Escova / *Brush*: 5 x 10,6 x 12,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: **MITSUBISHI:** M002T40081, M003T32581, M003T32582, M003T32583, M003T32591, M003T32592, M003T32593, M003T41081, M003T41083, M003T42781, M2T40081, M3T32581, M3T32582, M3T32583, M3T32591, M3T32592, M3T32593, M3T41081, M3T41083, M3T42781, MD001333, MD034120, MD066761, MD081567, MD081568, MD100431, MD162836, MD162837, MD162838, MD180239, **LESTER:** 16-940, **MANDO:** MC109032, M39376

Aplicação / Application: **HYUNDAI:** Accent 1.5i 16V, Coupé II (Tiburon/Tuscani) 1.6, Elantra 1.5i, Sonata II 1.8i, Sonata II 2.0i, Elantra, Excel, I30, Sitema, **DODGE:** (1981→1994), Plymouth 1.4l / 1.5l / 1.6l / 1.8l / 2.0l / 2.4l, **EAGLE:** (1989→1996), Engines 1.5l / 1.8l / 2.4l, **MITSUBISHI:** Colt IV 1.3 / 1.6, Eclipse 1.8, Galant 2.0, Galant V 1.8, Galant VI 2.0, Lancer III 1.3 / 1.6 / 1.6 GTi 16V, Lancer V 1.6, Space Runner 1.8, Space Wagon II 1.8 / 2.0, (1983→1996), Engines 1.5l / 1.6l / 1.8l / 2.0l / 2.4l,

Mitsubishi **Equivalente /** Replace



UF - 1.234/4 4 escovas / *brushes*

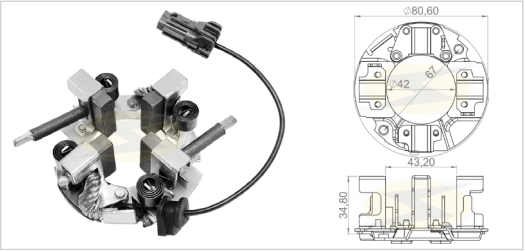
Especificações / Features: **12V, 1,2Kw - Tipo /** *Type*: **MR9943** - Escova / *Brush*: 4,5 x 12 x 12 mm (L x A x C / *W x H x L*) **Giro sentido horário /** ***Clockwise Rotation***

Equivalente / Replace: **MITSUBISHI:** M0T87681, 233804A00B, CY0118X70, ZJ3818X70

Partida / Starter: 56029584AA, 56044735AB, M000T20371, M000T20371ZC, M000T20771, M000T31572ZC, M000T32271, M000T-32271ZE, M000T32272, M000T32371, M000T32371ZC, M000T32771, M000T33071, M000T33371, M000T33971, M000T34071ZC, M000T36771, M0T20371, M0T20371ZC, M0T20771, M0T31572ZC, M0T32271, M0T32271ZE, M0T32272, M0T32371, M0T32371ZC, M0T32771, M0T33071, M0T33371, M0T33971, M0T34071ZC, M0T36771, M000T30771, M000T32071ZC, M000T32071, M0T32071, M0T-32071ZC, M000T22371, M000T32175ZC, M000T36571ZC, M000T36572ZC, M000T37671ZT, M000T1627ZC, M000T36571, **CHRYSLER:** 05034555AA, 5034555AA, M000T20672, M000T376712T, M000T20472, **FORD:** 9E5T-11000-AC

Aplicação / Application: **CHRYSLER:** Pacifa 4.0, Sebring 2.0 VVT / 2.4 VVT / 2.7, Sebring 2.4l(144) L4 (2007→2009), **CHEVROLET-GM:** Captiva, **DODGE:** Avenger 2.0 / 2.7, Caliber 2.0 / 2.4, Caravan 4.0, Journey 2.4 / 3.5, Avenger 2.4l(144) L4 (2008→2009), Caliber 1.8l (110) L4 (2007→2009), Caliber 2.0l(122) L4 (2007→2009), Caliber 2.4l(144) L4 (2007→2009), Journey 2.4l(144) L4 (2009), **FIAT:** Freemount 2.4 (144) L4, **FORD:** Fusion 3.0L V6 (2010), **JEEP:** Compass 2.0l(122) L4 (2007→2009), Compass 2.4l(144) L4 (2007→2009), Patriot 2.0l(122) L4 (2007→2009), Patriot 2.4l(144) L4 (2007→2009), **MITSUBISHI:** Airtrek 2.4 Grandis, Pajero Tr4, Pajero Io 2.0l (1999→), Lancer 1.6 / 2.0 (2003→2007), Colt 1.6 / 2.0 (2003→2007), **NISSAN:** Altima 3.5, Maxima 3.5, Quest 3.5, March, **CITROEN:** Berlingo II 1.6 VTi, C1 II 1.0 VTi / 1.2 VTi, C3 II 1.4 VTi / 1.6 VTi, C4 1.6 VTi / Grand Picasso 1.6 16V / Picasso 1.6 16V, C5 III 1.6 VTi, DS3 1.6 VTi, DS4 1.6, **HONDA:** Accord VII 2.0 / 2.0 4x4 / 2.4i, CR-V 2.4i, **MAZDA:** 2 II 1.3 / 1.5, 3 1.6, **MINI:** Cooper 1.6 / Clubman / Countryman, **OPEL:** Agila 1.0 / 1.2, **PEUGEOT:** 207 1.6 VTi, 208 1.0 VTi, 308 II 1.2 VTi, RCZ 1.6 16V, **VAUXHALL:** Agila 1.0 / 1.2, **MERCURY:** Milan 3.0L V6 (2010)

Mitsubishi **Equivalente /** Replace



UF - 1.244/4 4 escovas / *brushes*

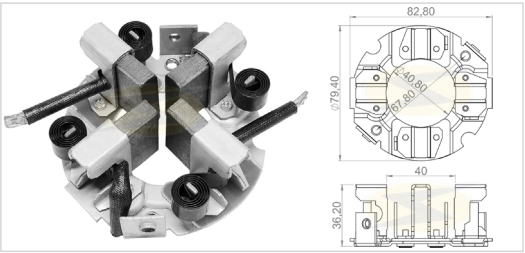
Especificações / Features: **24V, 5,5Kw -** Escova / *Brush*: 8 x 30 x 18,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: M0009T61171, 11127679, 1556967, 20430564, 8500087, M009T81471, M009T82179, M9T61171, M9T81471, M9T82179

Aplicação / Application: **CUMMINS:** Motor 2632 8.3 ISC / 2932 8.3 ISC / 4532 8.3 ISC / 5032 8.3 ISC, **VOLVO:** FH12/340, FH12/380, FH12/420, FH12/460, FH12/500, FM12/340, FM12/420, B12, FM12, FH 12, NH

Mitsubishi **Equivalente /** Replace



UF - 1.248/4 4 escovas / *brushes*

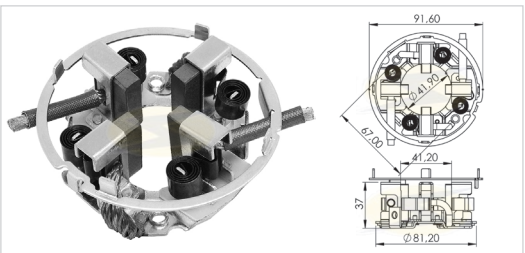
Especificações / Features: **24V** - Escova / *Brush*: 8 x 30 x 23 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **MITSUBISHI:** 0011513914, 0011516814, A0011513914, A0011516814

Partida / Starter: M009T83671, M009T80471, M009T80472, M009T80473, M009T80671, M009T80672, M009T80771, M9T83671, M9T80472, A0061511501, A0061516901, 0061516901, 0061511501, 0071510801, A0071510801, M009T80071, M009T80072, M009T80571, M009T80971, M009T83071, M009T83771, ME049315, 5010306631, 5010480432

Aplicação / Application: **MERCEDES BENZ:** Actros 1831 / 1835 / 1840 / 1843 / 1848 / 1853 / 1857 / 2031 / 2035 / 2040 / 2053 / 2531 / 2535 / 2540 / 2543 / 2548 / 2553 / 2557 / 2631 / 2635 / 2640 / 2643 / 2648 / 2653 / 2657 / 3235 / 3240 / 3243 / 3331 / 3335 / 3340 / 3343 / 3348 / 3353 / 3357 / 4140 / 4143 / 4148, O580 (Travego), Caminhões / Truckes Actros E Axor, Onibus O580, **VOLVO:** Escavadeira 700 / 460 / 360

Mitsubishi **Equivalente /** Replace



UF - 1.257/4 4 escovas / *brushes*

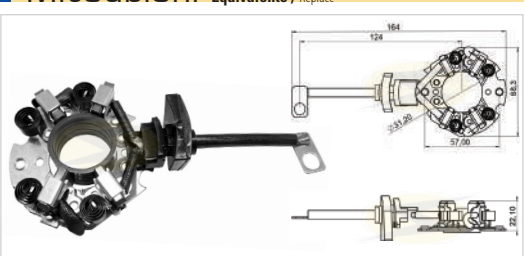
Especificações / Features: **24V** - Escova / *Brush*: 8 x 30 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: **MITSUBISHI:** M009T20171, **MBB:** A0071510201,

Aplicação / Application: **MERCEDES BENZ:** Atron 1635, Axor 2036 / 2041 / 2536 / 2541 / 2544 / 2641 / 2644 / 3341 / 3344 / 4141 / 4144, O500

Mitsubishi **Equivalente /** Replace



UF - 1.328/4 4 escovas / *brushes*

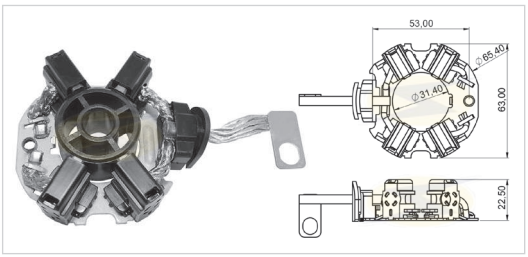
Especificações / Features: **12V** - Escova / *Brush*: 4,40 x 18 x 17,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: 12673600, 695085118, BZ163492937817MC

Aplicação / Application: **CHEVROLET - GM:** Cruze turbo 2017 (com/with - Start - Stop), Tracker turbo (com/with - Start - Stop)

Mitsubishi **Equivalente /** Replace



UF - 1.335/4 4 escovas / *brushes*

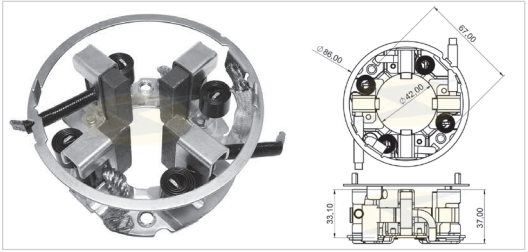
Especificações / Features: **12V** - Escova / *Brush*: 4,4 x 18 x 12,2 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: **MITSUBISHI:** M000T25171ZC, M000TD1371ZE, **MOPAR:** 56029712AB

Aplicação / Application: **FIAT:** Toro, **JEEP:** Compass 2.4, **RENAULT:** Sandero 2018, Logan 2018, **NISSAN:** Versa

Mitsubishi **Equivalente /** Replace



UF - 1.337/4 4 escovas / *brushes*

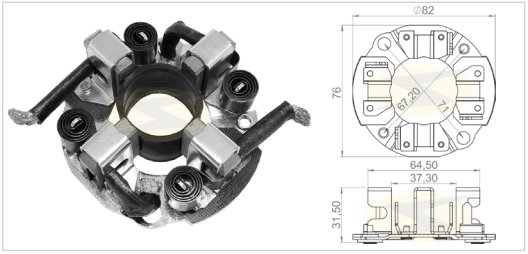
Especificações / Features: **24V** - Escova / *Brush*: 8 x 29,5 x 18,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: M009T66171

Aplicação / Application: **MERCEDES BENZ:** Atego 1719, 1725, 1726 ,1718 ,1729, 1730, 2426 ,2429, Atron 1319 2324 2729 ,O500 EURO 5

Nippondenso **Equivalente /** Replace



UF - 1.153
UF - 1.153/2 2 escovas / *brushes*
UF - 1.153/4 4 escovas / *brushes*

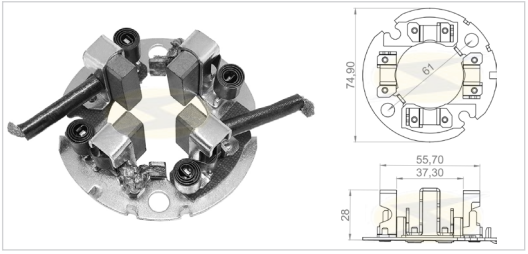
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 8 x 25 x 21 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **NIPPONDENSO:** 28140 77090, 3964427, 2814054070, **DENSO:** 028510 5390, 028510 0501, 028510 0500, **ISUZU:** 5 81118 013 0, **KUBOTA:** 15451 63381, **TOYOTA:** 28140 77090

Partida / Starter: 0240003000, 0240003020, 0240003042, 0280005000, 0280005490, 0280005530, 0280005581, 0280005620, 0280005691, 0280005840, 0280005862, 0280005863, 0280005864, 0280005890, 0280005891, 0280006060, 0280006061, 0280006201, 0280006290, 0280006291, 0280006560, 0280006870, 0280006890, 0280006891, 0280007241, 0280007242, 0280007800, 0280007801, 0280007802, 0280008400, 0280008401, 0280008402, 0280008403, 0280008840, 0280008841, 0280008843, 0280009330, 0280009331, 1280000530, 1280000540, 1280000550, 1280000972, 1280000973, 1280001000, 1280001001, 1280001060, 1280001572, 1280001573, 1280001574, 1280003081, 1280004080, 1280004100, 1280004101, 1280005600, 1280006170, 1280006810, 1280006920, 1280007280, 1280007281, 1280007282, 1280007283, 1280007600, 1280007601, 1280007602, 1280007603, 1280007604, 1280008064, 1280008641, 1280009970, 1280009971, 2280000270, 2280000570, 2280000571, 2280000572, 2280000573, 2280000574, 2280000575, 2280000630, 2280000633, 2280000842, 2280001350, 2280001440, 2280001590, 2280001600, 2280001601, 2280001610, 2280001611, 2280001661, 2280001830, 2280002030, 2280002031, 2280002290, 2280002292, 2280003080, 2280003710, 2280003810, 2280003811, 2280004160, 2280004940, 2280004941, 2280005210, 2280005340, 2280005341, 2280005640, 2280005641, 2280005810, 2280005811, 2280005980, 2280005981, 2280006291, 2280006400, 2280006401, 2280006470, 2280006471, 2280007300, 2280007301, 2280007500, 2280008510, 2280009050, 4280001190, 4280001660, 4280001690, 4280001691, 4280001830, 4280002631, 4280003140, 028000 5520, 028000 5880, 028000 6880, 028000 6561, 028000 5560, 028000 7221, 028000 7231, 028000 9160, 028000 9040, 128000 0216, 128000 5090, 128000 1560, 128000 4111, 28100 58030, 28100 54260, 428000 1850, 22800 03460, **CATERPILLAR:** 1430539

Aplicação / Application: **ALLIS-CHALMERS, CUMMINS, DODGE, HINO, ISUZU, TRUCK, JOHN DEERE, KUBOTA, MITSUI-DEUTZ, TELEDYNE / CONTINENTAL, VERSATILE, WHITE, YANMAR, TOYOTA:** 4Runner 2.4 TD, Crown 2.2 Diesel, HiAce 2.2 Diesel / 2.4 Diesel, Hilux 2.4 Diesel, Land Cruiser 2.4 Diesel / 2.4 TD / 2.6 Diesel / 4.0 D / 4.0 TD, Empilhadeira 2FD100 / 2FD115 / 2FD135 / 3FD / 4FD20 / 4FD23 / 5FD20 / 5FD70 / 6FD25 / 6FD30, Bandeirantes Com Motor / W/ Motor 14b, Empilhadeira / Forklift, **HYUNDAI:** H100, **ASIA MOTORS:** Topic, **KOMATSU:** Empilhadeira FD40, **OPEL:** Astra 1.4i, Corsa 1.2, Kadett 1.6i, Vectra 1.4, **BOBCAT:** Mini pá carregadeira 853 / 853C / 853H / 853HC / 975, **CASE:** Mini pá carregadeira 1840 / 1845, Retroescavadeira 580 / 580C / 590CK / 590L, **CATERPILLAR:** Empilhadeira V60 / V80, **CHRYSLER:** Neon 1.6i / 2.0i, PT Cruiser 1.6, **DALHATSU:** Rocky 2.8 TD, **HITACHI:** Escavadeira ZX330 / ZX350 / ZX370

Nippondenso **Equivalente /** Replace



UF - 1.154
UF - 1.154/2 2 escovas / *brushes*
UF - 1.154/4 4 escovas / *brushes*

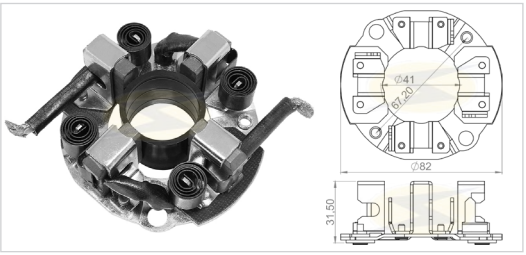
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 8 x 25 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **NIPPONDENSO:** 028510 0640, 28140 50020, 28140 54070, 02851 00840, 02851 05500, 0K71 F24720, 36170 27000, 361724 X200, X02851 00640

Partida / Starter: 028000-9030, 028000-8130, 028000-7001, 028000-7791, 028000-2880, 028000-7370, 028000-7372, 028000-7373, 128000-0040, 128000-1180, 128000- 0960, 228000-0240, 228000-0400, 228000-5023, 28100-67050, 0280007000, 0280007002, 0280007790, 0280008370, 0280008371, 0280008760, 0280008761, 0280008762, 0280009031, 0280009032, 0280009830, 1280000360, 1280000570, 1280001040, 1280002070, 1280004390, 1280004391, 1280004660, 1280005350, 1280005760, 1280006400, 1280007300, 1280007350, 1280007353, 1280007382, 1280009590, 1280009591, 1280009592, 1542563012, 2280000200, 2280000450, 2280000460, 2280000640, 2280000691, 2280000880, 2280001780, 2280001890, 2280002630, 2280002970, 2280003000, 2280003640, 2280004210, 2280004980, 2280005020, 2280005021, 2280005022, 2280009220, 4280002650, 5811001662, 5811001663, 5811001664, 5811001830, 8944489590, 8944489591, 031013030, 031013050, 031013170, 031013190, 031013220, 031114020, 031114140, 031114200, 031114240

Aplicação / Application: **KOMA-TSU, KUBOTA, LEXUS, MITSUI-DEUTZ, THERMO KING, ALLIS-CHALMERS, CATERPILLAR, CHEVROLET-GM, DODGE, GMC, KIA MOTORS:** Besta 2.7, **CARRLER:** Máquinas diversas, **CHRYSLER:** Voyager 2.5 D, **DALHATSU:** Rocky 2.8, **HYSTER:** Empilhadeira H250XM, **ISUZU:** NKR 2.8 D, NKR 3.1 D, Faster, Trooper, **OPEL:** Campo 2.2 D / 2.2 TD, **TOYOTA:** 4Runner 3.0 TD, Camry 2.8 TD / 2.0 TD, Carina 2.0 D, Corolla 2.0 D, Crown 2.2 D, HiAce 2.4 D / 2.5 D-4D, Hilux 2.2 D / 2.4 TD / 2.5 D-4D, Land Cruiser 2.4 D / 3.0 D-4D, LiteAce 1.8 D, RAV4 2.0 D-4D, **YANMAR:** Mini trator GE350, Motor 3TNE84 / 3TNV84 / 3TNV88

Nippondenso **Equivalente /** Replace



UF - 1.161/2 2 escovas / *brushes*
UF - 1.161/4 4 escovas / *brushes*

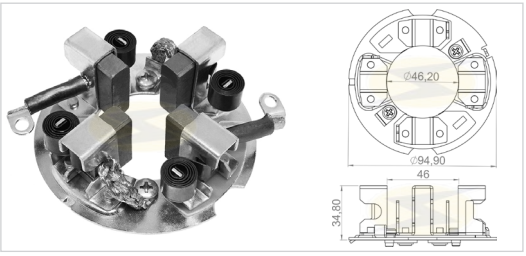
Especificações / Features: **24V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 8 x 25 x 21 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 028510-0500, 28140-77090, 0285105390

Partida / Starter: 028000-5530, 028000-5690, 028000-5300, 028000-5570, 028000-6460, 028000-6200, 028000-7810, 028000-5860, 028000-5861, 028000-5550, 028000-6010, 028000-6012, 028000-9040, 028000-9760, 028000-9140, 128000-1560, 128000-1561, 128000-1570, 128000-1571, 128000-8620, 128000-8621, 3957593, 4996709, 0280004800, 0280005301, 0280005510, 0280005511, 0280007240, 0280008070, 1280001790, 1280003080, 2280007902

Aplicação / Application: **COASTER, CASE, CATERPILLAR, DODGE, HINO, JOHN DEERE, MITSUI-DEUTZ, TELEDYNE/CONTINENTAL, ALLIS-CHALMERS, VERSATILE, WHITE, YANMAR, ASIA MOTORS:**Topic, **ISUZU:** Truck, **CUMMINS:** Motor ISB 6.7, **DALHATSU:** Rocky 2.8 TD, **HITACHI:** Escavadeira EX220, **KOMATSU:** Empilhadeira FD40, **KUBOTA:** Trator M5500DT / M5500F / M5950DT / M6030DTN / M6030L / M7030DT / M7030DTL / M7030DTNB / M7030F / M7030L / M7030N / M7030SUDT / M7500DT / M7500F / M7500L / M8030DT / M8030DTL / M8030DTM / M8030DTS / M8030F / M8030MDTL / M8030MF / M8030ML / MF5950DTS / MF5950FC / MF5950S / MF6030DTL, **TOYOTA:** Empilhadeira / Forklift, 4Runner 2.4 TD, Bandeirante 3.6 D, Crown 2.2 Diesel, HiAce 2.2 Diesel / 2.4 Diesel / 2.4 TD, Hilux 2.4 Diesel 4WD, Land Cruiser 2.4 Diesel / 2.4 TD / 2.6 Diesel / 3.6 D / 4.0 D / 4.0 TD / 4.2 D / 4.2 TD, Empilhadeira 2FD100 / 2FD115 / 2FD135 / 3FD / 4FD20 / 4FD23 / 5FD20 / 6FD25 / 6FD30 / FD70 / FD100

Nippondenso **Equivalente /** Replace



UF - 1.169/4 4 escovas / *brushes*

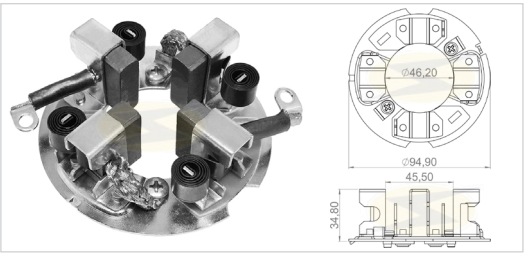
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 10 x 30 x 20 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 028510 0880, 181118 0430, 281402 3440

Partida / Starter: 1280000492, 1280002470, 1280004220, 1280004910, 1280005510, 1280005620, 1280005730, 811002340, 228000331, 228000332, 228000573, 228000585, 2280006870, 1280000490, 1280000491, 1280002450, 1280004250, 1280004685, 1280004687, 1280005731, 1280005732, 1280005733, 2280005000, 2280005001, 2280005311, 2280005610, 2280005631, 2280005650, 2280005651, 2280005730, 2280005850, 2280006550, 2280006560, 2280006561, 2280006562, 2280006572, 2280007010, 2280007380, 2280007410, 2280007411, 2280007412, 2280007413, 2280007550, 2280008082, 2280008370, 2280008470, 2280009140, 2280009150, 2280009151, 2280009630, 4280002370, 4280002590, 4280002860, 4280003320, 4280003900, 4280004440, 4280005190, 4280006900, 4280006901, 1280003360, 1280003361, 1280004682, 1280004683, 1280004684, 1280005370, 2280000331, 2280000585, 2280000700, 2280000874, 2280002200, 2280002470, 2280002670, 2280002800, 2280003310, 2280003320, 2280003700, 2280005052, 2280005460, 2280005621, 2280006530, 2280006540, 2280007870, 2280009020, 2280009750, 2280009760, 4280001370

Aplicação / Application: **CASE:** Colheitadeira 1620 / 1640 / 1644 / 1666 / 1668 / 1670 / 1680 / 1688 / 1822 / 1844 / 2055 / 2144 / 2155 / 2166 / 2188 / 5088 8.8 / 5088 8.9 / 6088 8.9 / 7088 8.9, Trator 1690 / 1896 / 2090 / 2094 / 2096 / 2290 / 2294 / 2366 / 2388 / 2390 / 2394 / 2399 / 2470 / 2590 / 2594 / 2670 / 2688 / 2799 / 2870 / 3294 / 3394 / 3594 / 4490 / 4494 / 4690 / 4694 / 4890 / 4894 / 4994 / 7120 / 7130 / 7140 / 7210 / 7220 / 7230 / 7240 / 7250 / 8930 / 9110 / 9130 / 9210 8.3 / 9230 8.3 / 9240 8.3 / 9310 8.3 / 9330 8.3, **CATERPILLAR:** Motor 3114 / 3116, **CUMMINS:** Motor ISC 8.3, **ISUZU:** NPR 3.9, **JOHN DEERE:** Colheitadeira de cana 3520 / CH570 / CH670, Colheitadeira 7180 / 7250 / 9540 6.8 WTS / 9560 8.1 WTS / 9580 8.1 WTS / 9640 8.1 WTS / 9660 8.1 WTS / 9680 8.1 WTS, Escavadeira 350D, Pá carregadeira 344J, Pulverizador (gafanhoto) 4930, Trator 8110 8.1 / 8120 8.1 / 8210 8.1 / 8220 8.1 / 8310 8.1 / 8320 8.1 / 8410 8.1 / 8420 8.1 / 8520 8.1, **NEW HOLLAND:** Trator TG285

Nippondenso **Equivalente /** Replace



UF - 1.170/4 4 escovas / *brushes*

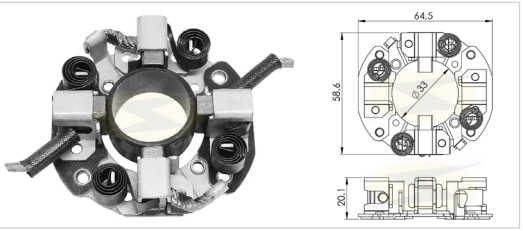
Especificações / Features: **24V, 5,5Kw - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 10 x 30 x 20 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 028510 0880, 181118 0430, 28140 1310A, 28140 23440

Partida / Starter: 128000 2740, 128000 4250, 128000 4685, 128000 2560, 128000 5370, 228000 7550, 3957597, 1280002450, 1280004687, 2280002200, 2280002470, 2280005000, 2280005001, 2280005003, 2280005610, 2280005631, 2280006560, 2280006561, 2280006562, 2280006570, 2280006572, 2280007010, 2280007380, 2280007410, 2280007411, 2280007412, 2280007413, 2280009150, 2280009151, 2280009630, 4280001340, 4280002370, 4280002591, 4280003900, 4280006900, 4280006901

Aplicação / Application: **CUMMINS, DODGE, ISUZU, IVECO:** 190 E38, 190 E39, 190 E43, 190 E44, 190 S40, 190 S43, 190 S48, 260 E38, 260 E39, stralis 400 (euro5), **CASE:** Pá carregadeira 621C / 621D, Trator de esteiras 850K, **CATERPILLAR:** Motoniveladora 120B, Motor 3114 / 3116, **HYUNDAI:** Escavadeira R305, **JOHN DEERE:** Escavadeira 370C, Motoniveladora 670D, Pá carregadeira 644K / 724K / 744K, Removedora de árvores 1010D / 1110D / 1270D / 1470D / 1710D / 703J / 703JH / 753J / 753JH / 759J / 759JH / 810D / 853J / 853JH / 903J / 903JH / 909J / 909JH / 953J / 959J, Trator de esteiras 700J / 750J / 850J, **KOMATSU:** Escavadeira PC220LC

Nippondenso / Denso / Delco / Magneti Marelli **Equivalente /** Replace



UF - 1.208/4 4 escovas / *brushes*

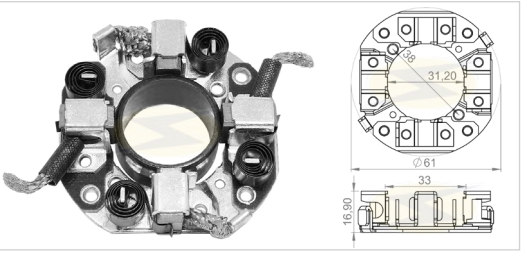
Especificações / Features: **12V - Tipo /** *Type:* **OSGR / M70R -** Escova / *Brush*: 7 x 16 x 16 mm (L x A x C / *W x H x L*)

Equivalente / Replace: 028510-0750, 028510-5320, 2814015090, 2814035060

Partida / Starter: 63223530, 1546163012, 1901363011, 1926963011, 1982163011, 11928577010, 12112077011, 0280005730, 0280005800, 0280007700, 0280008980, 0280009270, 0280009320, 0280009321, 0280009380, 0280009860, 1280000050, 1280000071, 1280000111, 1280000130, 1280000140, 1280000170, 1280000171, 1280000181, 1280000300, 1280000402, 1280000590, 1280000620, 1280000621, 1280000622, 1280000710, 1280000720, 1280000930, 1280001161, 1280001250, 1280001251, 1280001560, 1280001630, 1280002130, 1280002131, 1280002190, 1280003190, 1280003350, 1280003500, 1280003710, 1280004900, 1280004950, 1280004951, 1280005110, 1280005560, 1280005561, 1280005590, 1280005710, 1280006280, 1280006640, 1280006870, 1280007000, 1280007001, 1280007002, 1280007140, 1280007460, 1280007471, 1280008070, 1280008110, 1280008111, 1280008200, 1280009550, 1280009730, 1280009740, 2280000111, 2280000410, 2280000810, 2280000890, 2280001041, 2280001070, 2280001560, 2280001700, 2280001800, 2280002520, 2280002740, 2280002750, 2280002851, 2280002853, 2280003020, 2280003400, 2280003401, 2280003402, 2280003403, 2280003404, 2280004390, 2280006112, 2280006113, 2280006660, 2280007030, 2280007031, 2280007032, 2280007033, 2280007400, 2280007402, 2280007403, 2280007420, 2280007430, 2280007432, 2280007730, 2280008731, 2280008732, 2280008800, 4280000100, 4280000460, 4280002010, 4280006840, 4280006841, 12 8000 701, 12 8000 712, 12 8000 756, 12 8000 771, 12 8000 822, 12 8000 845, 12 8000 878, 12 8000 938, 12 8000 975, 22 800 036, 22 800 047, 22 800 071, 22 800 090, 22 800 162, 22 800 255, 22 800 301, 22 800 303, 22 800 328, 22 800 399, 22 800 642, 22 800 720, 22 800 8110, 22 800 8111, **DELCO:** 10455703, 10455709**, DENSO FIRST TIME:** 2800299, **MAGNETI MARELLI:** 63111016

Aplicação / Application: **ISUZU, HARLEY-DAVIDSON, PLYMOUTH, ACURA, CHRYSLER, EAGLE, FIAT:** Tempra / Tempra Sw, Brava, Palio, Geo, **CHEVROLET-GM:** Corvette V8 5.7l (350) (1988→1996), **TOYOTA:** 4Runner 2.4, Celica 2.0, Hilux 2.4, Land Cruiser 2.4, LiteAce 2.2, Empilhadeira 3FG50 / 5FG50 / 40FG / FG25, Empilhadeira / Forklift 1c / 2c, **BOBCAT:** Mini pá carregadeira 322, **CARRLER:** Transicold, CHRYSLER: Grand Voyager IV 3.3 V6, Le Baron 3.0i V6, Saratoga 3.0i, Voyager II 3.0 V6 / 3.3 V6 / 3.8 V6, **DALHATSU:** Charade II 1.0 D, Charade III 1.0 TD, **DODGE:** Caravan III 3.3 / 3.8, **HONDA:** Accord II 1.8, Accord III 1.8 / 2.0, Accord IV 2.0i / 2.2i, Civic II 1.5, Prelude 1.6, Prelude II 1.8, Prelude IV 2.3i, Prelude V 2.2i, Shuttle 2.2 16V, **HYSTER:** Empilhadeira 604, **THERMO KING:** Refrigerador de ar KD-II SR / MD-II MAX / MD-II SR / RD-I TLE / TS-200 / TS-300 / TS-500, **YANMAR:** Mini trator GE350

Nippondenso **Equivalente /** Replace



UF - 1.209/4 4 escovas / *brushes*

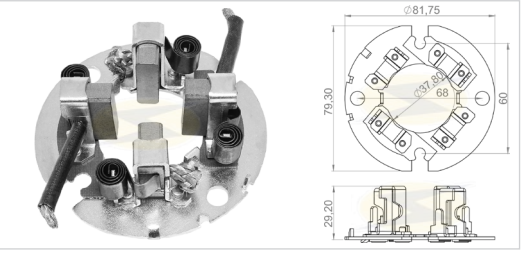
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 6,5 x 12,9 x 14,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 028510 5190, 8943677950, 1495863381, 3117360B50, 2814070020, **DENSO:** 028510 0460, 028510 0750, 028510 0830, 028510 5190, 028510 5310, 028510 5350, **HONDA:** 31208 PC2 661, 31208 657 671, **ISUZU:** 5 81118 022 0, 8 94170 211 0, **KUBOTA:** 15501 63381, 15511 63381, **TOYOTA:** 28140 15090, 28140 74020, **YANMAR:** X02851 00460, **DAIHATSU:** 28140 87707 000, **GM:** 96054329, **ISHIKAWAJIMA:** 18584 6368, **MITSUBISHI:** MD604322, **SUBARU:** 49243 7502,

Partida / Starter: 128000-5210, 128000-5211, 128000-5680, 128000-5682, 128000-6420, 128000-6422, 128000- 6720, 128000-6721, 128000-7400, 22800-7091, 22800-9631, 22800-9642, 22800-9651, 428000-0321, 428000-0960, 428000-3420, 428000-5011, 428000-5800, **DENSO:** 43800 0590, 428000 5290, 228000 9652, 228000 2900, 1280002680, 1280002682, 1280005681, 1280006210, 1280006211, 1280006212, 1280006240, 1280006340, 1280006341, 1280006421, 1280008530, 1280008531, 1280008880, 1280008881, 1280008890, 1280008891, 1280009220, 1280009290, 1280009291, 1280009292, 1280009470, 2280000550, 2280000551, 2280000940, 2280000941, 2280001331, 2280001550, 2280002010, 2280004020, 2280004030, 2280005400, 2280005440, 2280005480, 2280005481, 2280005590, 2280005750, 2280005910, 2280005911, 2280005960, 2280005970, 2280006450, 2280006460, 2280006620, 2280006680, 2280006730, 2280006740, 2280006750, 2280006760, 2280006840, 2280007090, 2280007160, 2280007161, 2280007470, 2280007480, 2280007581, 2280007591, 2280007791, 2280008090, 2280008360, 2280008540, 2280008550, 2280008930, 2280009650, 4280000320, 4280000860, 4280001160, 4280001360, 4280001590, 4280002560, 63111010, 2810011080, 2810016230, 428000 6640, 04801850AA

Aplicação / Application: **ISUZU, DENSO, GEO, KUBOTA:** Empilhadeira / Forklift, **BOBCAT:** Mini pá carregadeira T83S, **DALHATSU:** Applause I 1.6 4x4, Charade II 1.3, Charade IV 1.3 16V / 1.5 / 1.6 16V GTi, Copen 1.3, Feroza 1.6, Gran Move 1.5 16V, Hijet (Extol) 1.3, Materia 1.5, Sirion II 1.3, Terios I 1.3 4WD, Terios II 1.5 4WD, **DODGE:** Dakota 3.7 / 4.7, Durango 3.7, Ram 3.7 / 4.7, **HONDA:** Civic 1.7l (2001→2004), 1.8l (2006→2008), Fit 1.5l (2007→2008), Cr-V, Accord V 2.3i 16V, Accord VI 2.2 Type-R, Accord VII 2.0 / 2.0 4x4 / 2.4i, Accord VIII 2.0i, Civic VII 1.7i / 2.0i, Civic VIII 1.8, CR-V I 2.0i 16V, CR-V II 2.0 / 2.4 Vtec / 2.4i, CR-V III 2.0i, Edix 2.0, FR-V 1.8 / 2.0, Jazz II 1.2i / 1.3i / 1.4, Prelude V 2.2i 16V, Stream 2.0 16V, **JOHN DEERE:** Tratores, **KUBOTA:** Cortador de grama ZD25 / ZD28, **MITSUBISHI:** Raider 3.7 / 4.7, **SUZUKI:** Alto III 1.0, Alto IV 1.1, Baleno 1.3 / 1.6, Grand Vitara II 1.6, Jimny 1.3 4x4, SX4 1.5 / 1.6, Swift II 1.3 / 1.6, Swift III 1.3, Wagon R+ 1.3, **TOYOTA:** 4E, 5E, Auris 1.4 VVT-i, Avensis 1.6 VVT-i / 1.8 VVT-I, Camry 1.8 TD / 2.0 TD, Carina 2.0 D, Carina II 2.0 D, Celica 1.8i 16V, Corolla 1.3 / 1.4 VVT-i / 1.6 / 2.0 D, Crown 2.0, LiteAce 1.8 D, MR2 III 1.8 VVT-I, RAV4 II 1.8, Yaris I 1.0 16V / 1.5 VVT-I, Yaris II 1.3 VVT-i, **YANMAR:** Minitrator GE350, **JEEP:** Wrangler 3.8L V6 (2007-2011)

Nippondenso **Equivalente /** Replace



UF - 1.211/4 4 escovas / *brushes*

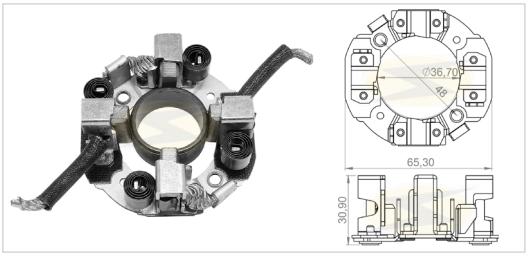
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 8 x 25 x 15 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 028510-5010, 8941674300, 2814064040, 2814087602

Partida / Starter: 128000-0832, 128000-5350, 128000-5760, 128000- 9560, 22800-0200, 22800- 0391, 28140-60040-000, 2280000460, 2280000880, 2280001780, 2280001890, 2280001891, 2280001892, 2280001893, 2280002630, 2280003000, 2280003640, 2280003642, 2280004210, 2280004980, 2280005020, 2280005021, 2280005022, 2280005023, 2280008040, 2280008041, 2280009010, 2280009220, 4280002650

Aplicação / Application: **KIA / ASIA MOTORS:** Besta 2.7 / 2.8 / 3.0, Caminhão Bongo, **TOYOTA:** 4Runner 3.0 TD, Avensis 2.0 D-4D, Camry 1.8 TD / 2.0 TD, Carina 2.0 D, Carina II 2.0 D, Corolla 2.0 D, HiAce IV 2.5 D D-4D, Hilux 2.5 D D-4D, Land Cruiser 3.0 D-4D, LiteAce 1.8 D, RAV4 II 2.0 D-4D, Hilux 3.0 (2000→2004) / 2.8d, **DAIHATSU:** Rocky 2.8 D, **HYSTER:** Empilhadeira H250 XM, **ISUZU:** NKR 2.8 D / 3.1 D, Campo 2.5 TD, Trooper 2.8 D / 2.8 TD, **KOMATSU:** Pá carregadeira WA70-6, **OPEL:** Frontera 2.8 TD, Monterey 3.1 TD,

Nippondenso **Equivalente /** Replace



UF - 1.212/4 4 escovas / *brushes*

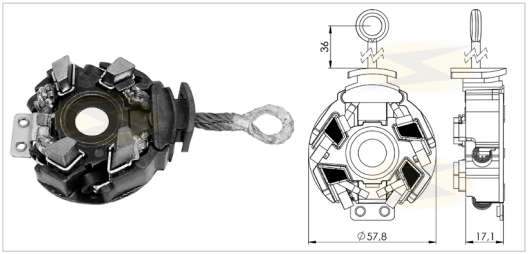
Especificações / Features: **12V - Tipo /** *Type:* **OSGR -** Escova / *Brush*: 7 x 25 x 15,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 028510-5800, 0285106020, 31208P5G0030, RFL118X70, 2814054380, 2814062030

Partida / Starter: 28100 54380, 228000 2120, 228000 2680, 228000 2690, 228000 2700, 228000 2980, 228000 3260, 228000 3840, 228000 3850, 228000 3851, 228000 4570, 228000 4571, 228000 4580, 228000 4590, 228000 4740, 228000 4750, 228000 5120, 228000 5861, 228000 8430, 228000 8440, 228000 2121, 228000 2122, 2280002123, 2280002124, 2280002682, 2280002990, 2280003841, 2280003842, 2280003852, 2280003920, 2280004050, 2280004291, 2280004790, 2280004830, 2280005121, 2280005382, 2280005791, 2280005860, 2280005862, 2280006010, 2280006482, 2280006921, 2280006951, 2280007111, 2280007220, 2280007390, 2280007800, 2280007801, 2280008150, 4280000250, 4280000260, 4280000500, 4280001280, 4280002730

Aplicação / Application: **YALE, ACURA, DODGE, GEHL, LEXUS, PETTER, TOYOTA:** 4Runner 2.7 / 3.0 TD, Auris 1.4 D-4D, Corolla 1.4 D-4D, HiAce 2.4 Diesel / 2.4 TD / 2.4 TD 4WD, Hilux 2.4 TD 4WD / 2.5 D-4D, Land Cruiser 2.4 TD / 3.0 D-4D / 4.5, Yaris II 1.4 D-5D, SI, Dyna 100 (1995→) / 150 2.4 (1987→1988), Hiace 2.4 (1984→1989), Hiace 5l Bufalo 12v, Hilux 2.4 (1989→), Land Cruiser 2.4d (1984→), **CASE:** Tratores, **FORD:** Econovan 2.0 D, Ranger 2.5 D / 2.5 TD / 2.5 TDCi, **HYSTER:** Empilhadeira H70XL / H110XL / H135XL / H155XL / H155XL2 / S70XL / S120XL / S135XL / S155XL, **KIA:** Besta 2.2 D, Retona 2.0 TD, Sportage I 2.0 TD, **LAND ROVER:** Defender 2.5 TD, Discovery II 2.5 TD, Freelander I 2.0 TD, **MAZDA:** 626 III 2.0 D, 626 IV 2.0 D, B22000 2.2 D, B2500 2.5 TD, BT50 2.4, BT50 3.0 CDVi, **MINI:** One 1.4 D, **NEW HOLLAND:** Mini pá carregadeira L175, Trator 1920 / 2120, **SUZUKI:** Grand Vitara I 2.0 TD, Vitara 2.0 TD

Nippondenso **Equivalente /** Replace



UF - 1.242/4 4 escovas / *brushes*

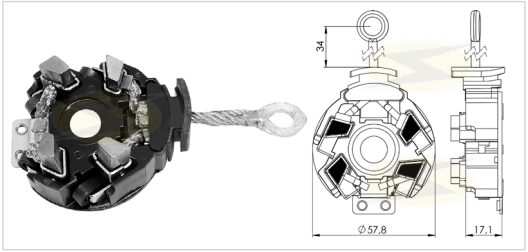
Especificações / Features: **12V, 1,6Kw - Tipo /** *Type:* **DND-09 SERIES -** Escova / *Brush*: T 4,2 / 4,5 x 8,4 x 15 mm (L x A x C / *W x H x L*) - **CCW - *Counter Clock Wise* / Sentido Anti-Horário**

Equivalente / Replace: **NIPPONDENSO:** 128099-6320, 128099-6321, **TOYOTA:** 28100-28041, 22800-990, 0285107620, 1280996310, 1280996312, 1280996660, 2813020020, 2813028040, 2813037120

Partida / Starter: 2810028040, 2810028041, 281002804184, 281000A010, 2810020020, LRS02261, 17825, 4280000340, 4280000341, 4280001311, 2280009900, 2280009901, 2280009902, 4280000024, 4280000150, 4280000151, 4280000152, 4280001080, 4280001261, 4280002290, 4280003040, 4280003090, 4280005830, 4280005871, 4280005880, M000T20171, M0T20171, 2810028050, 2810031040, 23300AA49A

Aplicação / Application: **TOYOTA:** 4Runner, Avensis, Corolla 1.6 / 1.8 VVTL-I, Land Cruiser, RAV4, Yaris 1.3 16V, Yaris II 1.8 VVTi, Hilux 2.7 Vvti Flex, Hilux 2.5 Diesel, Sw4 2.7 Vvti Flex , Fortuner 2.7 Vvti Flex, Camry 4 Cil. 2.4l 144cid (2002→2006), Camry 6 Cil. 3.0l (2002→2005), Camry V6 3000 (2003→2008), Highlander 4 Cil. 2.4l (2004→2007), Solara 4 Cil. 2.4l 144cid (2002→2006), Solara 6 Cil. 3.0l (2002→2005), Corolla (2003→2008), Matrix (2003→2008), Vigo 2.7 Wti Flex, Vigo 2.5 Diesel, **PONTIAC:** Vibe 1.8l (2003→2008) Scion, **LEXUS:** Es300 6 Cil 3.0l (2002→2003), Scion Tc 4 Cil. 2.4l (2005→2006), GS250 IV 2.5, GS300 III 3.0 V6, IS250 II 2.5, IS250 III 2.5, RX300, RX330, RX350, Scion 2.4, **SAAB:** 9-2X 2.0, 9-2X 2.5, **SUBARU:** Forester 2.0 / 2.0 Turbo / 2.5, Impreza 2.0 WRX Turbo, Legacy III 2.0, Outback 2.5i 16V / 3.0 24V

Nippondenso **Equivalente /** Replace



UF - 1.254/4 4 escovas / *brushes*

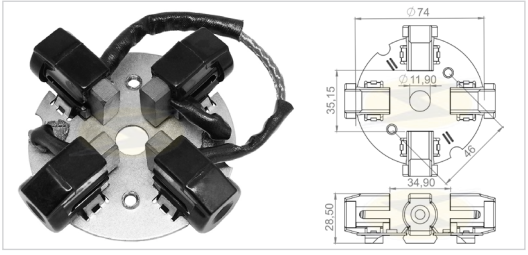
Especificações / Features: **12V, 0,8Kw - Tipo /** *Type:* **DND-09 SERIES -** Escova / *Brush*: T 4,2 / 4,5 x 8,4 x 15 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **NIPPONDENSO:** 1280996310, DENSO: 128099 6320, 128099 6322

Partida / Starter: 228000-9900,228000-9901,228000-9902, 428000-0700, 428000-0690, 28100-0H050, 28100-0H051, 28100-28041

Aplicação / Application: **TOYOTA:** Avalon 3.5l, Avensis 2.0, Avensis 2.4, Camry 2.4l, Camry 3.0l, Camry 3.3l, Camry 3.5l, Highlander 2.4, Highlander 4cyl, Rav4 2.4l, Rav4 3.5l, Sienna 3.0l, Sienna 3.3l, Sienna 3.5l, Solara 2.4 , Solara 3.3, Venza 3.5l, **LEXUS:** Es 300 3.0l, Es 330 3.3l, Es 350 3.5l, Rx 330 3.3l, Rx 350 3.5l, **SCION:** Tc 2.4 vvt, Xb 2.4l

Prestolite **Equivalente /** Replace



UF - 1.130

UF - 1.130/2 2 escovas / *brushes*

UF - 1.130/4 4 escovas / *brushes*

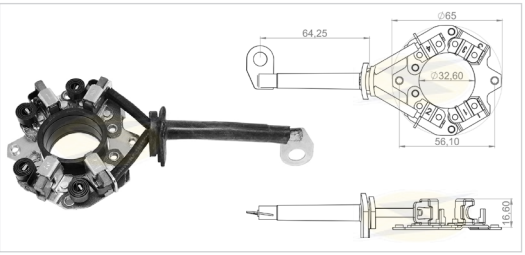
Especificações / Features: **12V - Tipo /** *Type:* **M93R -** Escova / *Brush*: 8 x 19 x 18,2 mm (L x A x C / *W x H x L*) **(DELPHI / LUCAS) KO 12066**

Equivalente / Replace: **PRESTOLITE:** 352 58 637 KO 12038, 352 58 637 KO 12039

Partida / Starter: 352 58 270, 352 58 380, 352 58 580, 352 58 950, 352 58 490, 352 58 540, 352 58 660, 352 58 690, 352 58 710, 352 58 820, 352 58 880, 352 58 960, 352 59 040, 352 59 270, 352 59 400, 352 59 600, 352 59 750, 352 59 760, 352 59 870, 352 61 305, 352 61 860, 352 62 710, 352 58 620, 352 58 910, 352 58 940, 352 58 970, 352 58 980, 352 59 030, 352 59 050, 352 59 130, 352 59 140, 352 59 150, 352 59 170, 352 59 180, 352 59 210, 352 59 300, 352 59 310, 352 59 330, 352 59 390, 352 59 430, 352 59 580, 352 59 590, 352 59 620, 352 59 630, 352 59 640, 352 59 650, 352 59 660, 352 59 670, 352 59 680, 352 59 710, 352 59 720, 352 59 880, 352 59 890, 352 59 900, 352 60 828, 352 60 940, 352 60 950, 352 61 020, 352 61 070, 352 61 120, 352 61 155, 352 61 175, 352 61 355, 352 61 360, 352 61 425, 352 61 760, 352 62 580

Aplicação / Application: **PORSCHE, AGRALE:** 7500, 8000, 8500, 9200, Trator 5075 / 5075.4 / 5085 / 5085.4, Ônibus Volare, **CHEVROLET-GM:** Blazer 2.5 / 5.9, D20 4.1 / 4.2, Grand Blazer 4.2, S10 2.5, Silverado 4.1 / 4.2, **CUMMINS:** Motor 6B 5.9 / 6BTAA 5.9 / B 3.9 Aftercooler / B 5.9 Aftercooler / B 5.9 Eletrônicom, Blazer Dlx, Pick-Up S10 C/ Motor Maxion Hs, Pick-Up D20, Silve- Rado C/ Motor Mwm, Motores Séries 6bt (Dianteiro) / B6 / Bt5.9l, **FORD:** Cargo 1217 / 1416 / 1417 / 1421 /1617 / 1722 / 1716, F-4000, F-7000, F-12000, F-14000, F16000, C/ Mwm, F-1000, F-100, Ranger 2.5 / 2.8 / 3.0, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450, Trator 7500, Tratores, **LAND ROVER:** Defender / Discovery 4cc 2.5 15-160, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Retroescavadeira MF86HS / MF96, Trator MF250X / MF265 / MF275 / MF283 / MF290 / MF292 / MF297 / MF299 / MF640 /MF650 / MF660 / MF680 / MF5275 / MF5285 / MF5290 / MF5300 / MF5310, Trator C/ Motor 4 Cil, **MAXION:** Empilhadeira 3000, Motores, **MERCEDES-BENZ:** 180d - Kombi Espanhola, Ônibus, Caminhões, Sprinter C/ Motor Maxion Hs, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **PEUGEOT:** 404, 504, 505, Vários C/ Motor Indenor, **RENAULT:** Clio, **VOLKSWAGEN:** Caminhão, 710, 8120, 8120 4.10TCA, 8150, 8150 4.10TCA, 13150, 13150 4.10TCA, 13180, 13190, 13190 6BTAA, 15180, 15190, 17210, 17210, 17210 6BTAA, 23210, 23210, B8150, B9150, B16180, B16180 6.10, B16210, B17210OD, B17240OT, **DODGE:** D1000, **FIAT:** Ducato, **IVECO:** Daily, **MARCOPOLO:** Volare

Prestolite **Equivalente /** Replace



UF - 1.135
UF - 1.135/2 2 escovas / *brushes*
UF - 1.135/4 4 escovas / *brushes*

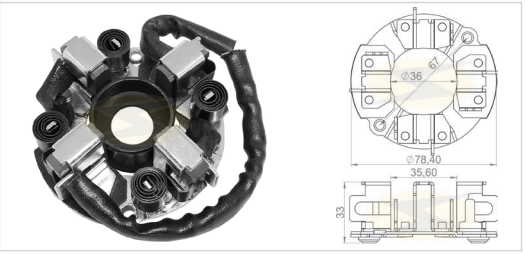
Especificações / Features: **12V - Tipo /** *Type:* **M74R -** Escova / *Brush*: 4,5 x 14 x 17 mm (L x A x C / *W x H x L*) **(DELPHI / LUCAS)**

Equivalente / Replace: **PRESTOLITE:** 352.58.566

Partida / Starter: 352 58 400, 352 58 430, 352 58 510, 352 58 60, 352 58 600, 352 58 730, 352 58 750, 352 58 790, 352 58 850, 352 58 860, 352 58 890, 352 612 60, 352 58 270, 352 58 370, 352 58 420, 352 58 460, 352 58 640, 352 58 720, 352 58 760, 352 58 780, 352 58 840, 352 59 060, 352 59 250, 352 59 860, 352 60 890, 352 61 250, 352 61 295, 352 61 640

Aplicação / Application: **CHEVROLET-GM:** C20 4.1, Silverado - C/ Motor 6 Cil. Gasolina, Corsa 1.4 / 1.6, Corsa Combo 1.4 / 1.6, **FIAT:** Duna 1.7 Diesel, Fiorino 1.7 Diesel, Palio 1.7 Turbo Diesel, Siena 1.7 Turbo Diesel, Uno 1.7 Diesel, 128 Super Europa, 147 Brio / Spr / Spt, Duna 1300 / 1500 / 1.4 / 1.6, Fiorino 1.4 / 1.6, Pick-Up 1.4 / 1.6, Regatta 85 S 1300 / 1500 / Tipo 1.4 / 1.6, Regatta Sc 1300 / 1500, Regatta Weekend 1300 / 1500, Spazio 1300 / 1500, Uno 1.4 / 1.6, Vários 1.3 / 1.5, **RENAULT:** Clio 1.4 / 1.9 Diesel, Mégane 2.0, R9 1.4 / 1.6, R11 1.4 / 1.6, Clio 1.8 / 1.6, R 19 1.8 / 1.4 / 1.6 / 1.7 C/ Carburador, 19 1.8 / 1.6, **PEUGEOT:** 205 1.6, 206 1.9 Diesel, 306 1.6 / 1.9 Diesel, 405 1.6 / 1.9 Diesel, Boxer 1.9 Diesel, Partner 1.6, 306, 405, **FORD:** Courier 1.8 Diesel, Escort 1.6 AP / 1.8 AP / 1.8 Diesel, Fiesta 1.3 Endura / 1.8 Diesel, Focus 1.8 Diesel / 2.0 Automático I4 / 2.0 Manual I4, Focus Zetec, Mondeo Zetec, Verona 1.6 AP / 1.8 AP, Escort Zetec (1997) 1.8 / 2.0, Focus-Zetec 1.8, Mondeo 1.8 / 2.0 / Zetec, Fiesta 1300 / 1.4 (Com E Sem Ar / With A/C, Without A/C), Ranger Duratec 2.3 Gas. / 3.0l Ngd Int., **NISSAN:** Frontier, Xterra, **TROLLER:** T4 3.0l Ngd Int., **VOLKSWAGEN:** Gol 1.6 / 1.8 / 2.0 (Com Ar / With A/C) / 1.000 (Brasil / Brazil), Saveiro Cht 1.6, Golf 1.8, Logus 1.6 / 1.8, Pointer 1.6 / 1.8, Polo 1.6 / 1.8 / 1.9 Diesel, **AGRALE:** Trator 4230 / 4230.4, **CITROEN:** Berlingo 1.8, **SEAT:** Inca 1.6 / 1.9 D

Prestolite **Equivalente /** Replace



UF - 1.195
UF - 1.195/2 2 escovas / *brushes*
UF - 1.195/4 4 escovas / *brushes*

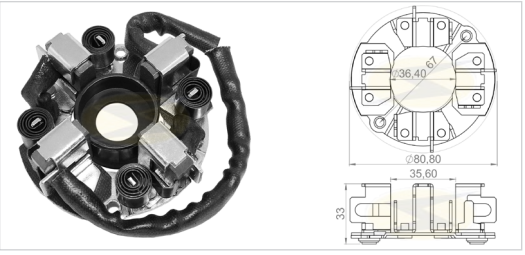
Especificações / Features: **24V - Tipo /** *Type:* **M100R -** Escova / *Brush*: 8 x 25 x 21 mm (L x A x C / *W x H x L*) **(DELPHI / LUCAS / INDIEL)**

Equivalente / Replace: **PRESTOLITE:** K-01266

Partida / Starter: 352 59 240, 352 59 440, 352 59 460, 352 59 770, 352 59 780, 352 61 000, 352 61 130, 352 61 185, 352 61 395, 352 61 740, 352 61 770, 352 61 900, 352 62 010, 352 62 020, 352 62 130

Aplicação / Application: **MERCEDES BENZ:** OF1215, 0371, Of215, Of1315, 1316, 1318, 1320, Onibus / Bus 1214 / 1414 / 1418 / 1614, **CUMMINS:** 5.9 Serie B Eletronic, Motor C 6CT 8.3, Motor C 6CTA 8.3, **MWM:** 4cc, 6cc, **VOLKSWAGEN:** Titan Tractor, 17.250e, 26.250, Onibus / Bus, **IVECO:** Mwm X10 226 Series, **VOLVO:** Vm17 Mwm X10 229 Serie, Vm23 Mwm X10 229 Serie, **AGRALE:** Marruá,

Prestolite **Equivalente /** Replace



UF - 1.196/2 2 escovas / *brushes*
UF - 1.196/4 4 escovas / *brushes*

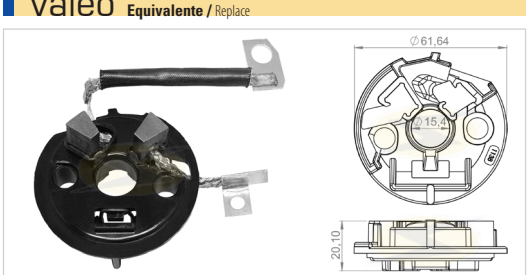
Especificações / Features: **12V - Tipo /** *Type:* **M100R -** Escova / *Brush*: 8 x 25 x 21 mm (L x A x C / *W x H x L*) **(DELPHI / LUCAS / INDIEL)**

Equivalente / Replace: **PRESTOLITE:** K-01236, 35262079

Partida / Starter: 352 59 200, 352 59 260, 352 59 290, 352 59 450, 352 59 500, 352 59 510, 352 59 520, 352 59 530, 352 59 550, 352 59 730, 352 59 810, 352 59 820, 352 59 830, 352 59 840, 352.60.830, 352.60.840, 352.60.900, 352.60.910, 352.61.050, 352.61.135, 352.61.160, 35259340, 35259360, 35260870, 35261345, 35261385, 35261445, 35261680, 35261690, 35261780, 35262190

Aplicação / Application: **CATERPILLAR, CHRYSLER, FREIGHTLINER, GRADALL, INTERNATIONAL NAVISTAR, DODGE:** Ram 2.500 CUMMINS 6CC 5.9L, **CASE:** Máquinas diversas, **CUMMINS:** Motor B 5.9 / C 8.3 / ISB02 5.8, **FORD:** Cargo 1622 / 2422 / 2425 / 2425 Mixer / 2630, **JOHN DEERE:** Colheitadeira 1550, Trator 627 / 727 / 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 3550 / 4420 / 4530 / 5320N / 5520N / 5410 / 5600 / 5700 / 6300 / 6600 / 6605 / 7505 / 7820, Trator de esteiras 570 / 570A, **NEW HOLLAND:** Trator TM135 / TM135 E / TM150 / TM150 E / TM165 / TM180 / TS100 / TS110 / TS120, **VALMET, VALTRA:** Trator 685 C / 785 C / 1280 / 1580 / 1780 / BH140 / BH160 / BH180 / BL77 / BL88 / BM100 / BM110 / BM120, **VOLKSWAGEN:** 17220 8.3, 17310 8.3, 18310 8.3, 23220 8.3, 23310 8.3, 26220 8.3, 26260 8.3, 26310 8.3, Titan Tractor

Valeo **Equivalente /** Replace



UF - 1.138/2 2 escovas / *brushes*

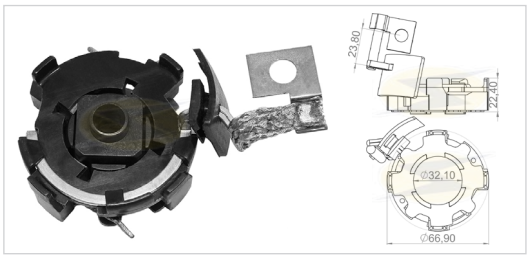
Especificações / Features: **12V - Tipo /** *Type:* **D6RA, PMGR -** Escova / *Brush*: 4,5 / 9T x 11 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 133647, 594070, 9405828898

Partida / Starter: 432598, 432622, D6RA133, D6RA5, D6RA6, D6RA12, D6RA16, D6RA18, D6RA20, D6RA61, D6RA65, D6RA85, D6RA165, D6RA185, **RENAULT:** 7700100647, **VALEO:** 432590, 432593, 432633, 432638, 433311, 433320, 433321, 436060, 436090, 455551, 726001, 726011, 726048, D6RA45, D6RA146, D6RA511

Aplicação / Application: **RENAULT:** Clio 1.2i / 1.4i / 1.6i / 1.8, Espace 2.0i, Express 1.4i, Kangoo 1.4i, Laguna 1.8 / 2.0, Mégane 1.4i / 1.6 / 1.9 dTi / 2.0, R9 1.7, R11 1.7i, R19 1.2 / 1.4 / 1.7 / 1.7i / 1.8i, R21 1.7 / 1.7i, Scénic 2.0, Trafic 1.7, Clio 1.8i, Laguna 1.8i / 2.0i, Mégane 1.6i / 2.0i, R19 1.4i / 1.6 / 1.8, **CHEVROLET-GM:** Corsa Efi 1.0 / Mpfi 1.0, **PEUGEOT:** 106 1.0 / 1.0i / 1.1 / 1.1i / 1.3i / 1.4 / 1.4i / 1.6i, 205 1.0 / 1.0i / 1.1 / 1.1i / 1.3 / 1.4 / 1.4i, 206 1.1i / 1.4i / 1.6i, 207 1.4 / 1.6 / 1.6 HDi 16V, 306 1.1i / 1.4 / 1.4i / 1.6i / 2.0i, 309 1.1i / 1.4i, 405 1.4i / 2.0i / 2.0i Turbo, 605 3.0i V6 / 3.0i V6 24V, Partner 1.1i / 1.4 / 1.4i, 309 - 1.1 / 1.4, 405 - 1.4, **CITROEN:** Berlingo 1.1i / 1.4i / 1.6i, C15 1.0 / 1.1 / 1.1i / 1.4 / 1.4i, Saxo 1.0i / 1.1i / 1.4i / 1.6i, Xantia 2.0i / 1.4i / 1.6i, XM 3.0i V6 / 3.0i V6 24V, ZX 1.1i / 1.4i / 1.6i / 1.8i / 1.9i / 2.0i, Ax -1.0 / 1.1 / 1.3 / 1.4, Bx-1.0, Xsara 1.6, Xm V6tt

Valeo **Equivalente /** Replace



UF - 1.163/4 4 escovas / *brushes*

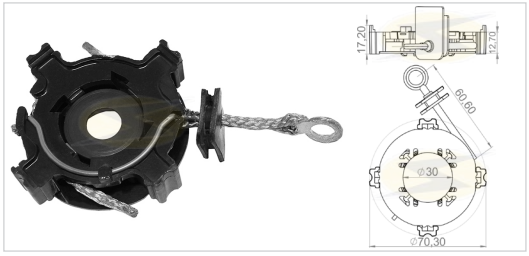
Especificações / Features: **12V - Tipo /** *Type:* **D7G11 -** Escova / *Brush*: 7 x 13 x 10,8 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 190097

Partida / Starter: 8200225336, 8200225338, D7G11, 438151, 438166, 438170, 438184, 458166, 458185, 458210, 458231, D7G3, D7G4, D7GS9

Aplicação / Application: **OPEL:** Movano 2.2 dTi / 2.5 dTi, Vivaro 2.5 CDTi, Movano, Vivaro, **VAUXHALL:** Movano, Vivaro, **BMW:** 118d 2.0, 318d 2.0, 320d 2.0, 520d 2.0, X3 2.0 D, **CITROEN:** Berlingo 1.6 HDi, C1 1.4 HDi, C2 1.4 HDi, C3 1.4 HDi / 1.6 HDi / Picasso 1.6 HDi, C4 1.6 HDi / Grand Picasso 1.6 HDi, C5 1.6 HDi / 2.2 HDi, DS3 1.4 HDi, DS4 1.6 HDi, DS5 1.6 HDi, Nemo 1.4 HDi, Xsara Picasso 1.6 HDi, **MINI:** Cooper 1.6 D / 1.6 D Clubman, NISSAN: Interstar, Primaster, **AUDI:** A4 1.8 T / 1.9 TDi / 2.4i V6 / 2.5 TDi / 3.0i V6, A6 1.9 TDi, Interstar 2.5 dCi, **PEUGEOT:** 107 1.4 HDi, 206 1.4 HDi, 207 1.4 HDi / 1.6 HDi, 208 1.4 HDi / 1.6 HDi, 307 1.6 HDi 16V, 308 1.6 HDi, 407 1.6 HDi, 508 1.6 HDi, 1007 1.4 HDi / 1.6 HDi, 3008 1.6 HDi, 5008 1.6 HDi, Bipper 1.4 HDi, Partner 1.6 HDi, **RENAULT:** Master Eletrônico Dci120 (2005→), Espace Mhiii, Laguna, Vel Satis, Trafic, Avantime 2.2 dCi, Espace III 2.2 dCi, Master II 2.2 dCi / 2.5 dCi, Trafic II 2.5 dCi, **VOLKSWAGEN:** Passat V 1.9 TDi / 2.0 TDi, Polo VII 1.0i / 1.6i

Valeo **Equivalente /** Replace



UF - 1.171/4 4 escovas / *brushes*

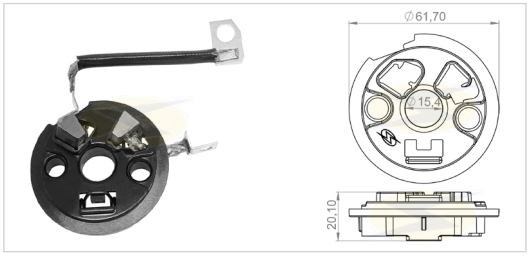
Especificações / Features: **12V - Tipo /** *Type:* **D7E, DD -** Escova / *Brush*: 6,5 x 8 x 11 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 187517, 594351, 594479, 594290, A0011510914, 7701047342, 6S6511000AA

Partida / Starter: D7E4, D7E6, D7E8, D7E10, D7E11, D7E15, D7E18, D7E19, D7E20, D7E22, D7E23, D7E27, D7E28, D7E39, D7E43, D7E48, D7E52, D7ED28, BD7E17, BD7E44, 93264950, 433276, 438027, 438054, 438081, 438110, 438126, 438128, 438129, 438144, 438147, 438163, 438185, 455747, 455876, 455950, 455974, 458162, 458165, 458179, 726024, D7E38, D7E45, D7E47, D7E70, D7ED281, TS10E3, TS10E4, TS10E5

Aplicação / Application: **FORD:** Courier 1.0l / 1.6l, Ecosport 1.0l / 1.6l / 1.0l Supercharger, Escort 1.6l, Fiesta 1.0l / 1.6l, Ka 1.0l / 1.6l, Novo Fiesta 1.0l / Supercharger, **CHEVROLET - GM:** Astra 1.8 OHC, Celta 1.0 / 1.4, Corsa 1.0 EFi OHC / 1.0 MPFi OHC / 1.0 MPFi VHC / 1.4 EFi OHC / 1.4 MPFi OHC / 1.6 EFi OHC / 1.6 MPFi OHC / 1.8 EFi OHC / 1.8 Flexpower / 1.8 MPFi OHC, Meriva 1.8 OHC, **FIAT:** Palio 1.8 OHC, Stilo 1.8 OHC, **MERCEDES BENZ:** Classe A 140 1.4i / 150 1.5i / 160 1.6i / 170 1.7i / 200 2.0i, Classe B 150 1.5i / 170 1.7i / 170 2.0i / 180 2.0i / 200 2.0i, **PEUGEOT:** 206 1.6 16V, **RENAULT:** Clio 1.4i 16V / 1.6 / 1.6 16V, Kangoo 1.6 / 1.6 16V, Laguna 1.6i 16V, Logan 1.4 MPi / 1.6 MPi, Mégane 1.4i 16V / 1.6 / 1.6 16V, R9 1.6 / 1.7, R11 1.6, R12 1.6, R19 1.6 / 1.8, Sandero 1.4 MPi, Scénic 1.4i 16V / 1.6 / 1.6 16V, Thalia 1.4i 16V / 1.6i 16V

Valeo **Equivalente /** Replace



UF - 1.172/2 2 escovas / *brushes*

Especificações / Features: **12V - Tipo /** *Type:* **PMGR -** Escova / *Brush*: 4,7 / 9T x 11 x 14 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 181961, 594072, 594367, 124461600, 9405828888, 582888

Partida / Starter: D6RA8, D6RA10, D6RA572, 432623, 433311, 436062, 726000, 726011

Aplicação / Application: **LOMBARDINI, MERCEDES, SATURN, OPEL, TORO, VOLVO PENTA, DAEWOO, DEUTZ, CITROEN:** AX 1.0 / 1.0i / 1.1 / 1.1i / 1.3 / 1.4 / 1.4i, Berlingo 1.1i / 1.4 / 1.4i / 1.4i GNV / 1.6 HDi 16V / 1.6i 16V, C2 1.1i / 1.4i / 1.4i 16V / 1.6i 16V, C3 1.1i / 1.4i / 1.4i 16V / 1.4i GNV / 1.6i 16V, C4 1.4i 16V / 1.6i 16V / 1.6i Bioflex 16V, C15 1.0 / 1.1 / 1.1i / 1.4 / 1.4i, Nemo 1.4i, Saxo 1.0i / 1.1i / 1.4i / 1.6i / 1.6i 16V, Xsara 1.4i / 1.6i / 1.6i 16V, Xsara Picasso 1.6i / 1.6i 16V, ZX 1.1 / 1.1i / 1.4 / 1.4i, **FIAT:** Fiorino 1.4i, **PEUGEOT:** 106 1.0 / 1.0i / 1.1 / 1.1i / 1.3i / 1.4 / 1.4i / 1.6i, 205 1.0 / 1.0i / 1.1 / 1.1i / 1.3 / 1.4 / 1.4i, 206 1.1i / 1.4i / 1.4i 16V / 1.6i / 1.6i 16V, 207 1.4 e / 1.4 e 16V / 1.4 VTi 16V / 1.6 e 16V / 1.6 VTi 16V, 306 1.1i / 1.4 / 1.4i / 1.6i, 307 1.4i / 1.4i 16V / 1.6i / 1.6i 16V, 309 1.1 / 1.1i / 1.4 / 1.4i, 405 1.4 / 1.4i, 1007 1.4i / 1.4i 16V / 1.6i 16V, Bipper 1.4i, Partner 1.1i / 1.4 / 1.4 GNV / 1.4i / 1.6i 16V, **JEEP:** (1999→2003), (1987→1993), Grand Cherokee 5.2l / 4.7l, **VAUXHALL:** Corsa 1.0 / 1.2 (1997→2000), Vectra 2.0 D, Astra 2.0 D, **VOLKSWAGEN:** Ibiza, **VOLVO:** 240, 740, 760

Valeo **Equivalente /** Replace

UF - 1.173/3 3 escovas / *brushes*

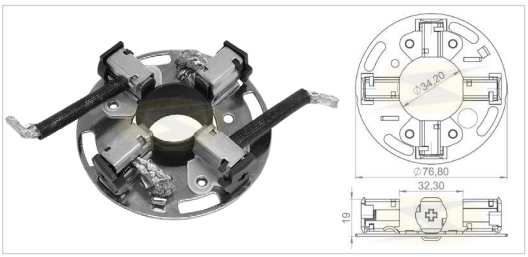
Especificações / Features: **12V - Tipo /** *Type:* **DD -** Escova / *Brush*: 6,5 x 8 x 11 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 494818, 555645, 555550

Partida / Starter: USC 867838-864608 G, D7E34, 438180, D7E33, D7E35, D7E36, D7E37

Aplicação / Application: **FORD:** Courier 1.0 / 1.6, EcoSport 1.0 / 1.0 Supercharger / 1.6, Escort 1.6, Fiesta 1. / 1.0 / 1.6, Ka 1.0 / 1.6, **RENAULT:** Clio

Valeo **Equivalente /** Replace



UF - 1.186/4 4 escovas / *brushes*

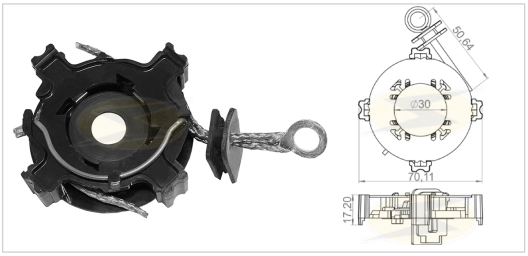
Especificações / Features: **12V - Tipo /** *Type:* **D7R Series -** Escova / *Brush*: 7 x 14 x 14 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 5820A4, A0001519755, 7701204930, 594115, 594354, 594432

Partida / Starter: 0041518901, 004151890180, 0041519201, 004151920180, 0041519701, 004151970180, 0051511301, 005151130180, 005151130187, D7524, D7R1, D7R2, D7R3, D7R4, D7R5, D7R8, D7R11, D7R12, D7R14, D7R15, D7R16, D7R17, D7R18, D7R19, D7R20, D7R22, D7R25, D7R26, D7R27, D7R28, D7R33, D7R34, D7R35, D7R36, D7R40, D7R41, D7R42, D7R43, D7R44, D7R46, D7R47, D7R48, D7R49, D7R51, D7R53, D7R57, D7R64, D7R65, D7R70, D7RS1, D7RS7, D7RS29, D7RS30, D7RS31, D7RS50, D7RS129, D7RS130, D7RS131, D7RS150, D7RSA2, D7RSA4, D7RSA5, D7RSA7, D7RSA8, D7RSA10, D7RSA11, TM000A36101, DSL 36100- 42350, TS22ER12, TS22ER13, 2H0911023A, TS22E20, 1250128, 361004A010, TS22E8, 55564374, 3610042350, DSL42350, DSL6651510101, 432630, 432637, 432644, 432666, 432672, 433323, 436051, 438011, 438053, 438065, 438068, 438078, 438085, 438088, 438090, 438096, 438148, 438157, 438158, 438199, 455550, 455674, 455687, 455695, 455720, 455734, 455745, 455873, 455895, 455928, 455943, 455948, 455954, 455957, 455959, 455972, 458118, 458171, 458366, 726004, 726006, 726008, 726014, 726031, 726033, 726045, 726052, D7R7, D7R13, D7R23, D7R24, D7R37, D7R151, D7R281, TM000A34001, TM000A34101

Aplicação / Application: **HYUNDAI:** HR, H100, **KIA:** Bongo, **MITSUBISHI:** L200, Katana, **VOLKSWAGEN:** Amarok 2.0 Tdi, **CHEVROLET - GM:** Nova S10, **CITROEN:** AX 1.4 D / 1.5 D, Berlingo 1.4i / 1.6i 16V, C15 1.1 / 1.3, Evasion 1.8i / 2.0i / 2.0i Turbo, Saxo 1.5 D, Xantia 3.0i V6 24V, XM 3.0i V6 24V, Xsara 1.5 D, **FIAT:** Ducato, Brava 1.9 D, Bravo 1.9 D, Duna 1.7 D, Elba 1.7 D, Fiorino 1.7 D / 1.7 TDS, Palio 1.7 D, Palio Weekend 1.7 TD, Punto 1.7 D / 1.7 TD, Regata 1.7 D, Ritmo 1.7 D, Siena 1.7 D / 1.7 TD, Strada 1.7 TDS, Tempra 1.9 D, Tipo 1.7 D, Uno 1.4 TD / 1.7 D, Uno Mille 1.7 D, **FORD:** Fiesta IV 1.8 TDi, Focus 1.8 TDi, Transit 2.5 D / 2.5 TD, **MERCEDES BENZ:** Sprinter 208 CDi / 208 D / 209 CDi / 210 D / 211 CDi / 213 CDi / 215 CDi / 216 CDi / 308 CDi / 308 D / 309 CDi / 310 D / 311 CDi / 312 D / 313 CDi / 315 CDi / 316 CDi / 408 D / 410 D / 411 CDi / 412 D / 416 CDi / 509 CDi / 511 CDi / 515 CDi / 616 CDi, 190 2.0 D / 2.5 D / 2.5 TD, Classe C 200 2.0 D / 200 2.1 CDi / 200 2.2 CDi / 220 2.1 CDi / 220 2.2 D / 220 2.2 CDi / 240 2.4i / 240 2.4i V6 / 240 2.6i V6 / 250 2.5 D / 250 2.5 TD / 270 2.7 CDi / 280 2.8i, Classe CL 600 5.8i, Classe CLC 200 2.1 CDi / 220 2.1 CDi, Classe CLK 220 2.2 CDi / 240 2.6i V6 / 270 2.7 CDi / 320 3.2i / 320 3.2i V6 18V / 430 4.3i / 500 5.0i V8 24V, Classe E 200 2.0 D / 200 2.1 CDi / 220 2.1 CDi / 220 2.2 CDi / 220 2.2 D / 250 2.5 D / 250 2.5 TD / 270 2.7 CDi / 280 2.8i / 300 3.0i 4Matic / 280 3.2 CDi / 290 2.9 TD / 300 3.0 D / 300 3.0 TD / 300 3.0i / 320 3.2 CDi, Classe G 270 2.7 CDi / 300 3.0 TD, Classe ML 320 3.2i / 430 4.3i / 500 5.0i V8, Classe S 280 2.8i / 300 3.0 TD / 320 3.2 CDi / 320 3.2i / 350 3.5 TD / 600 5.8i, Classe SL 350 3.7i V6 18V / 600 5.5i V12 36V, Classe SLK 320 3.2i, Classe V 200 2.2 CDi / 220 2.2 CDi / 230 2.3 TD, Classe W124 200 2.0 D / 250 2.5 D / 250 2.5 TD / 300 3.0 D / 300 3.0 TD, Classe W126 260 2.6i / 300 3.0i, Classe W140 300 3.5 TD, Viano 2.0 CDi / 2.0 CDi 4Matic / 2.2 CDi / 2.2 CDi 4Matic / 3.7i, Vito 108 2.2 CDi, Vito 110 2.2 CDi, Vito 112 2.2 CDi, Vito 2.3 D / 2.3 TD / 3.7i V6 24V, **NISSAN:** Interstar 1.9 dCi, Primastar 1.9 dCi / 2.5 dCi, **OPEL:** Movano 1.9 DTi / 2.2 DTi 16V / 2.5 CDTi 16V / 2.5 DTi 16V, Vivaro 1.9 Di / 2.9 DTi, **PEUGEOT:** 106 1.5 D, 406 3.0i V6 24V, 605 3.0i V6 24V, **RENAULT:** Master (2010→), Avantime 2.2 dCi 16V, Clio 1.9 D / 1.9 dTi / 3.0i V6 24V, Espace 1.9 dTi / 2.0i Turbo 16V / 2.2 dT / 3.0i V6, Express 1.6 D / 1.9 D, Extra 1.6 D / 1.9 D, Kangoo 1.9 D / 1.9 dTi, Laguna 1.9 dTi / 2.2 dT / 3.0i V6, Master 1.9 dCi / 1.9 dTi, Mégane 1.4i / 1.9 D / 1.9 dT / 1.9 dTi, R9 1.6 D, R11 1.6 D, R19 1.7 / 1.7i / 1.8i 16V / 1.9 D / 1.9 TD, R21 1.7 / 1.9 D / 2.0, Safrana 2.2 TD, Safrane 3.0i, Scénic 1.9 dCi / 1.9 dTi / 2.0i 16V, Super 5 1.6 D / 5 1.7, Trafic 2.5 dCi 16V, **SEAT:** Ibiza 1.7 D, Málaga 1.7 D, Ronda 1.7 D, **SSANGTONG:** Musso 2.3 D, **VAUXHALL:** Movano 1.9 DTi / 2.2 DTi 16V / 2.5 CDTi 16V / 2.5 DTi 16V, **VOLVO:** 340 1.6 D, 360 1.6 D, 440 1.9 TD, 460 1.9 TD, S40 1.9 TD / 1.9 TDCi / 1.9 TDi, V40 1.9 TD

Valeo **Equivalente /** Replace



UF - 1.203/4 4 escovas / *brushes*

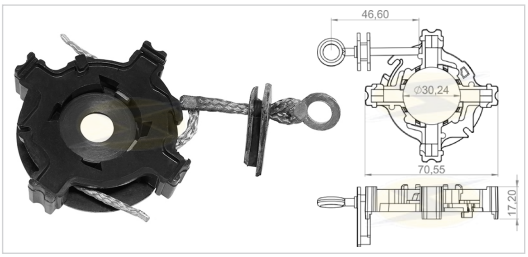
Especificações / Features: **12V - Tipo /** *Type:* **D7E, DD -** Escova / *Brush*: 6,5 x 8 x 11 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 594381, 555649

Partida / Starter: D7ES6, D7E56, 438138, 438179, 458160, D7ES1, D7ES2, D7ES4, D7ES5, TS10E26

Aplicação / Application: **RENAULT:** Sandero Stepway (2009), AUDI: S3 1.8i Turbo 20 Quattro, A2 1.6 FSi (2002-2005), **SEAT:** Ibiza 1.6i / 1.8i / 2.0i, Leon 1.4i 16V / 1.6i 16V / 1.8i 20V, Cordoba 1.2 (2002->), Cordoba 1.4 16V (2002->), Cordoba 1.6 (2003->), Ibiza 1.2 (2002->), Ibiza 1.4 16V (2004-2007), Ibiza 1.6 (2003->), **SKODA:** Fabia 1.2 (2001->), Fabia 1.2 Praktik (2003->), Fabia 1.4 16V (1999->), Fabia 1.4 Praktik (2004-2007), Octavia 1.4i 16V / 1.6i / 1.8i Turbo 20V, **VOLKSWAGEN:** Bora 1.6 (2002-2005), Fox 1.2 (2005-2010), Fox 1.4 (2005->), Lupo 1.6 GTi (2000-2005), New Beetle 1.4 (2001-2010), Polo 1.2 (2001->), Polo 1.4 (2001-2003), Polo 1.4 16V (2001->), Polo 1.4 FSi (2002->), Golf, Fox, Beetle 1.6i / 1.8i Turbo 20V, CrossFox, Fox 1.0 16V / 1.6 16V, Golf IV 1.6i, Polo 1.0 16V / 1.6 16V, Polo Sedan 1.0 16V / 1.6 16V

Valeo **Equivalente /** Replace



UF - 1.204/4 4 escovas / *brushes*

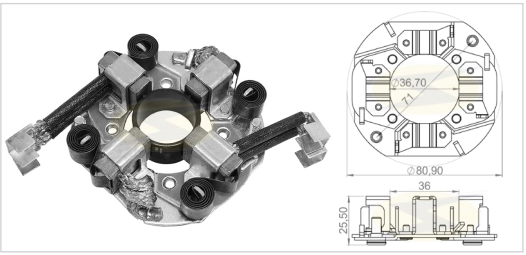
Especificações / Features: **12V - Tipo /** *Type:* **D7E, DD -** Escova / *Brush*: 6,5 x 8 x 11 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 594290, 594250

Partida / Starter: D7E1, D7E16, D7E24, D7E29, D7E30, D7E31, D7E32, D7E33, D7E35, D7E34, D7E36, D7E37, 432685, 438093, 438135, 438136, 438137, 438156, 438182, 455722, 455962, 455984, 458159, 458170, 726003, 726053, D7E40, D7E41, D7E42, TS8E2, TS8E3, TS8E4, TS8E5, TS8E6

Aplicação / Application: **CHEVROLET - GM:** Astra 1.8, Celta 1.0 / 1.4, Corsa 1.0 / 1.4 / 1.6, Meriva 1.8, **CITROEN:** Berlingo 1.1i / 1.4i / 1.6i, C2 1.1i / 1.4i / 1.6i, C3 1.1i / 1.4i / 1.6i, C4 1.6i, Saxo 1.0i / 1.1i / 1.4i / 1.6i, Xsara 1.4i / 1.6i, **FIAT:** Siena 1.0 / 1.3 / 1.5, Grand Punto 1.2i 8V, Idea 1.2i 16V, Palio 1.8, Stilo 1.2i 16V / 1.8, **MERCEDES BENZ:** Classe A 140 1.4i / 150 1.5i / 160 1.6i / 170 1.7i / 200 2.0i, Classe B 150 1.5i / 170 1.7i / 180 2.0i / 200 2.0i, **NISSAN:** Almera 1.5i / 1.8i, Micra 1.0i / 1.2i / 1.4i, Primera 1.6i / 1.8i, **PEUGEOT:** 106 1.0i / 1.1 / 1.1i / 1.4 / 1.4i / 1.6 / 1.6i, 206 1.0 / 1.1i / 1.4 / 1.4i / 1.6 / 1.6i, 306 1.1i / 1.4 / 1.4i / 1.6i, 307 1.4i / 1.6i, Partner 1.1i / 1.4 / 1.4i / 1.6i, **RENAULT:** Twingo 1.0 / 1.2, Clio 1.0 / 1.2i / 1.4i / 1.6, Fluence 1.6i, Kangoo 1.0 / 1.2i / 1.6, Laguna 1.6i 16V, Logan 1.0 / 1.2 16V / 1.4 MPi / 1.6 MPi / 1.6i, Mégane 1.4i / 1.6i, Modus 1.2i / 1.5 dCi, R9 1.6 / 1.7, R11 1.6, R12 1.6, R19 1.6, Sandero 1.0 / 1.4 MPi, Scénic 1.4i 16V / 1.6 / 1.6i 16V, Thalia 1.2i 16V / 1.4i 16V / 1.6i 16V, **FORD:** Novo Fiesta 1.0l / 1.6l / 1.0l Supercharger

Valeo **Equivalente /** Replace



UF - 1.207/4 4 escovas / *brushes*

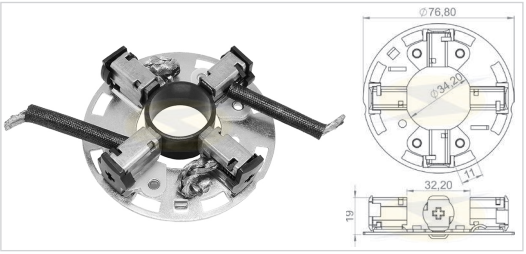
Especificações / Features: **12V, 3,1Kw - Tipo /** *Type:* **OSGR** - Escova / *Brush*: 9 x 18 x 22 mm (L x A x C / *W x H x L*) **Giro Sentido Horário /** ***Clockwise Rotation***

Equivalente / Replace: **VALEO:** 182318

Partida / Starter: D9R73, D9R116, D9R144, 455537, 184202, 432534, 432535, 432537, 432538, 432574, 432629, 432639, 433215, 433229, 433305, 433306, 433310, 433327, 433332, 436052, 436068, 438069, 455552, 726005, 726028, D9R84, D9R89, D9R90, D9R91, D9R97, D9R99, D9R112, D9R118, D9R121, D9R122, D9R142, D9RP256

Aplicação / Application: **VOLVO PENTA:** Embarcações Com Motores Diesel / Marines Diesel Engines 21-42 Series Api Marine #15097oe, Arco #97255, Iat, Ad31a / B, Ad41b, Aqad30a, Aqad31a, Aqb41, Aod40a, Aqad40a, Aqd41 / Dp / Sp, Aqad 41 / Dp / Sp, D40 / Td40, Kad43p, Kad43pa, Kad44p, Md 30 / Tmd 30 / Tamd30, Md5c / Ms2, Tamd31, Tamd41b, Tdm 40 / 41, Tamd 61b, Kad 42, Kamd300, Kad300a, **CITROEN:** BX 1.6 / 1.6i / 1.7 D / 1.7 TD / 1.9 D / 1.9i, C15 1.7 D / 1.9 D, C25 1.9 D / 2.5 D, C35 2.5 D, CX 2.2 D / 2.5 D, Visa 1.6i / 1.8 D, Xantia 1.8i 16V / 1.9 D / 2.0i Turbo / 2.1 TD, XM 2.1 D / 2.1 TD Turbo, ZX 1.4i / 1.6i / 1.8 D / 1.8i / 1.9 D / 1.9 TD / 1.9i, **LAND ROVER:** Defender 2.5 D / 2.5 TDi, Discovery 2.5 TDi, **PEUGEOT:** 205 1.6 / 1.6i / 1.7 D / 1.7 TD / 1.9 D / 1.9i, 305 1.6 / 1.7 D / 1.9 D / 1.9i, 309 1.6 / 1.6i / 1.7 D / 1.9 D, 405 1.6 / 1.6i / 1.7 D / 1.7 TD / 1.9 D / 1.9i, **RENAULT:** Trafic Diesel, Espace 2.1 dT / 2.1 dTv / 2.1 TD, Fuego 2.1 TD, Master 2.1 D, R18 2.1 D / 2.1 TD, R20 2.1 TD, R21 2.1 D / 2.1 TD, R25 2.1 D / 2.1 TD, R30 2.1 TD Turbo, Safrane 2.1 dT, Trafic 2.1 D, **SUZUKI:** Samurai 1.9 D / 1.9 TD, Vitara 1.9 D / 1.9 TD, **TALBOT:** Horizon 1.1 / 1.3 / 1.7 D / 1.9 D

Valeo **Equivalente /** Replace



UF - 1.229/4 4 escovas / *brushes*

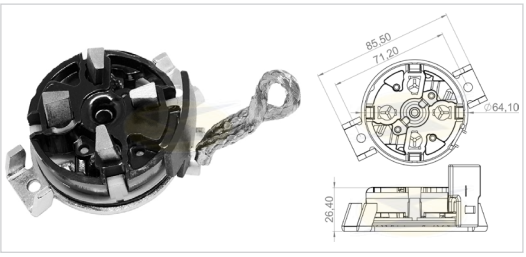
Especificações / Features: **12V** - Escova / *Brush*: 7 x 14 x 14 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 594394

Partida / Starter: 432644, 455720, 0986017260, 001109250, 550.509.102, 0031512901, 0031519801, 0041518901, 0041519201, 0041519701, 0051511301, 0051516601, 5151130180, 5151130187, A0031512901, A0031519801, A0031513501, A0041514401, A0041515601, D7R1, D7R2, D7R3, D7R4, D7R5, D7R6, D7R7, D7R11, D7R19, D7R28, D7R34, D7R35, D7R43, D7R44, D7R46, D7R47, D7R48, D9R149, ND162, GXE4850, 438075, 438076, 438077, 438152, 438205, 438206, 455548, 455672, 455727, 455927, 455930, 455939, 458041, 458167, 726018, 726019, 726026, 726029, 726034, D7RS29, D7RS30, D7RS31, D7RS50, D7RS129, D7RS130, D7RS131, D7RS150, D7RS291, D7RS301, 020911023R, 02A911024B, 02A911024G, 02M911023C

Aplicação / Application: **MERCEDES-BENZ:** Classe C, E, S, G, V, Clk, Sprinter, Unimog, Viano, Vito, Vario, **AUDI:** A2 1.4 TDi, A3 1.6i / 1.8i 20V / 1.9 TDi / 1.9 TDi Quattro, S3 1.8i Turbo 20V Quattro, TT 3.2i V6 Quattro, **FORD:** Galaxy 1.9 TDCi / 1.9 TDi / 2.3i 16V / 2.8i V6 / 2.8i VR6, **SEAT:** Alhambra 1.9 TDi, Arosa 1.4 TDi, Cordoba 1.9 D / SDi / TD / TDi, Ibiza 1.9 D / SDi / TD, Inca 1.7 SDi / 1.9 D / 1.9 SDi, Leon 1.9 SDi / TDi, Toledo 1.9 D / SDi / TD / TDi / 2.3i VR5 20V, **SKODA:** Fabia 1.4 TDi, Fabia 1.9 SDi / TDi, Octavia 1.9 D / SDi / TDi / TDi 4x4, **VOLKSWAGEN:** Beetle 1.9 TDi, Bora 1.9 SDi / TDi / TDi 4Motion / 2.3i V5 20V / 2.3i V5 20V 4Motion, Golf 1.5 D / 1.6 D / 1.6 TD, Golf II 1.6 D / 1.6 TD / 1.9 TDi, Golf III 1.9 D / 1.9 TD / 1.9 TDi / 2.8 VR6 / 2.9i VR6, Golf IV 1.9 SDi / 1.9 TDi / 1.9 TDi 4Motion / 2.3i VR5 20V / 2.3i VR5 20V 4Motion, Golf V 1.9 TDi, Jetta 1.5 / 1.6 D / 1.6 TD / 1.7, Jetta II 1.6 D / 1.6 TD, Passat III 1.9 D / 1.9 TD / 2.8i V6 / 2.8i VR6, Passat IV 1.9 TD / 1.9 TDi / 2.8i VR6 / 2.9i VR6, Passat V 1.9 TDi / 1.9 TDi 4Motion / 2.3i VR5 20V / 2.3i VR5 20V 4Motion, Polo V 1.9 SDi / 1.9 TDi, Polo VI 1.9 SDi / 1.9 TDi, Polo VII 1.9 TDi, Transporter 2.4 D / 2.5 TDi / 2.5i / 2.8i V6 24V / 2.8i VR6

Valeo **Equivalente /** Replace



UF - 1.232/4 4 escovas / *brushes*

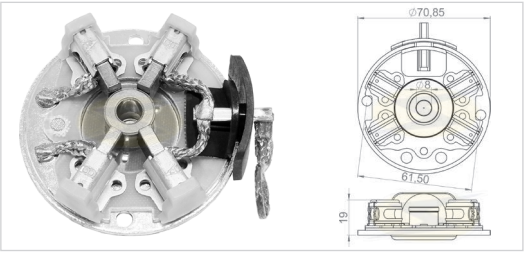
Especificações / Features: **12V, 0,9Kw - Tipo /** *Type:* **D6 / D7 Series** - Escova / *Brush*: 3,5 / 6,5T x 10 x 15 mm (L x A x C / *W x H x L*) **Giro sentido horário /** ***Clockwise rotation***

Equivalente / Replace: **VALEO:** 195253, 594774, 93190561

Partida / Starter: AC713850M, 9648644680, 9618725080, 438093, 438129,455748, D6RA100, DGRA37, D6RA57, D6RA571, D6RA572, D7E16, D7E3, D7E5, D7E51, 432623, 436062, 438079, 438211, 455949, 458375, D6G3, D6G5, D6G33, D6G1, D6G32, D6G321, TS1277, TS12E10, TS12E9/B, TS12E901, TS12E902

Aplicação / Application: **RENAULT:** Clio 1.6 16v (2000→), Kangoo 1.6 16v (K4m 2000 Motor / Engine), **CITROEN:** C4 1.5 (2005→), Berlingo 1.1i / 1.4i / 1.6i, AX 1.0 / 1.0i / 1.1 / 1.1i / 1.4 / 1.4i, Berlingo 1.4 / 1.4i GNV / 1.6 / 1.6 HDi 16V / 1.6i 16V, C2 1.1i / 1.4i / 1.4i 16V / 1.6i / 1.6i 16V, C3 1.1i / 1.4i / 1.4i 16V / 1.4i GNV / 1.6i 16V, C4 1.4i 16V, C15 1.0 / 1.1 / 1.1i / 1.4 / 1.4i, Nemo 1.4i, Saxo 1.0i / 1.1i / 1.4i / 1.6i / 1.6i 16V, Xsara 1.4i / 1.6i / 1.6i 16V / 1.8i, Xsara Picasso 1.6i / 1.6i 16V (2007→), ZX 1.1 / 1.1i / 1.4 / 1.4i, **FIAT:** Fiorino 1.4i, **MERCEDES BENZ:** Classe A 150 1.5i / 190 1.9i / 200 2.0i / 210 2.1i, Classe B 200 2.0i, **OPEL:** Agila 1.3 CDTi 16V, Astra 1.3 CDTi 16V, Corsa 1.3 CDTi 16V, Meriva 1.3 CDTi 16V, Tigra 1.3 CDTi 16V, **PEUGEOT:** 106 1.0 / 1.0i / 1.1 / 1.1i / 1.3i / 1.4 / 1.4i / 1.6i / 1.6i 16V, 205 1.0 / 1.0i / 1.1 / 1.1i / 1.3 / 1.4 / 1.4i, 206 1.1i / 1.4i / 1.4i 16V / 1.6i / 1.6i 16V (2000→), 207 1.4 / 1.4 16V / 1.4 VTi 16V / 1.6 16V / 1.6 VTi 16V, 306 1.1i / 1.4 / 1.4i / 1.6i, 307 1.4i / 1.4i 16V / 1.6i / 1.6i 16V, 309 1.1 / 1.1i / 1.4 / 1.4i, 405 1.4 / 1.4i, 1007 1.4i / 1.4i 16V / 1.6i 16V, Bipper 1.4i, Partner 1.4i GNV / 1.6i 16V, Partner 1.1i / 1.4i / 1.6i, Ranch 1.4i, **VAUXHALL:** Agila 1.3 CDTi 16V, Corsa 1.3 CDTi 16V, Meriva 1.3 CDTi 16V, Tigra 1.3 CDTi 16V

Valeo **Equivalente /** Replace



UF - 1.247/4 4 escovas / *brushes*

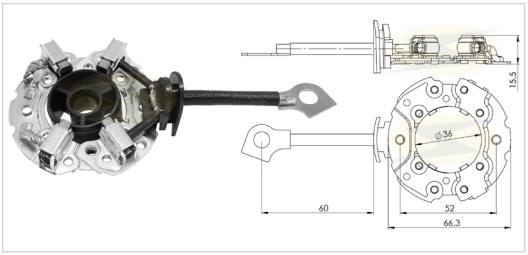
Especificações / Features: **12V** - Escova / *Brush*: 5 x 12 x 11,6 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 501401

Partida / Starter: FS10B1, FS10B2, FS10B3, FS10B4, 18G3 6547 CA F, BU2TA, 1196230, FS14B2, CN1511000B2, 1196228, 3610023061, 36100 23071, 1195922, CN1511000CA, 361003E100, 1195912

Aplicação / Application: **NISSAN:** March 1.0 2012>, **RENAULT:** Kangoo 1.0 (2002-2007), Clio 1.0 (1999-2016), Logan 1.0 (2007-2015), Sandero 1.0 (2007-2015), **FORD:** Courier - 1999 A 2013, Ecosport 2003 - 2012, Escort 2000 - 2002, Fiesta 1999 - 2013, Focus 2003 - 2007, Ka 1999 - 2007, Novo Ka 2009 - 2015, **HYUNDAI:** I30, Santa Fé 2.7, Tucson 2.0 L

Valeo **Equivalente /** Replace



UF - 1.260/4 4 escovas / *brushes*

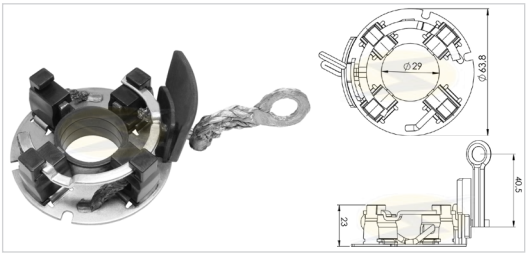
Especificações / Features: **12V, 0,9Kw** - Escova / *Brush*: 5 x 10 x 12,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **VALEO:** 691870, S5001205143, 3617022800, 3617022805, 361702B100, 361702B110

Partida / Starter: 36100 2B110, 36100 2B100, 1195239, 361002B020, 361002B100B, S0001195239, 600718, 1204960, 1250303

Aplicação / Application: **HYUNDAI:** HB20, Accent 1.6, Elantra 1.6, i20 1.4, i30 CW 1.4, i40 CW 1.6, ix20 1.4, ix20 1.6, Veloster 1.4 / 1.6 / 1.6T, **KIA:** Carens 1.6, Cee'd 1.4 CVVT / 1.6 CVVT / 1.6 GDi, Cerato 1.6 / CVVT / 1.6 Gdi / 1.6 T-GDi, Pro Cee'd 1.4 CVVT, Rio 1.4 CVVT, Rio 1.6, Soul 1.6 GDi, Soul 1.6i, Sportage 1.6 GDi, Venga 1.4 16V, Venga 1.6 16V, Rondo

Valeo **Equivalente /** Replace



UF - 1.262/4 4 escovas / *brushes*

Especificações / Features: **12V, 0,9Kw** - Escova / *Brush*: 5 X 15 X 13 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: **VALEO:** TSC10R6, TSC10R7, **VOLKSWAGEN:** 02T911021E, 495104, 495107, 02M911021J

Aplicação / Application: **VOLKSWAGEN:** Fox (2014->), Cross Fox (2014->), Polo 1.6, Saveiro 1.6 G5 / G6 (2014->), Voyage G5 / G6 1.0 / 1.6, Gol G5 / G6 1.0 / 1.6 (2014->), Golf 1.6 (2014->), SpaceFox, Space Cross, **AUDI:** A3, A4

Valeo **Equivalente /** Replace

UF - 1.287/2 2 escovas / *brushes*

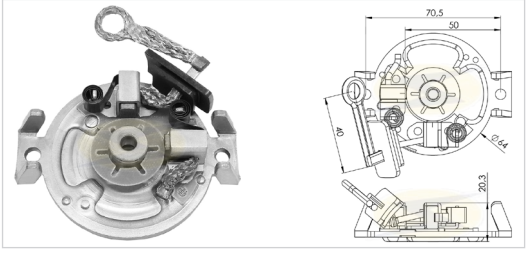
Especificações / Features: **12V, 1,0Kw - Tipo /** *Type:* **CL.3** - Escova / *Brush*: 6 x 12 x 13 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: TSC10 10, TSC10B1, 98 077 756 80

Aplicação / Application: **CITROEN:** C3 1.4L / 1.6L (2010->), C4 (2010->), Berlingo 1.4L / 1.6L, **PEUGEOT:** 206 1.4L / 1.6L, 207 1.4L / 1.6L (2010->), 208(2010->), **FORD:** Fiesta (2014->), Ka (2014->), Ecosport (2014->)

Valeo **Equivalente /** Replace



UF - 1.295/2 2 escovas / *brushes*

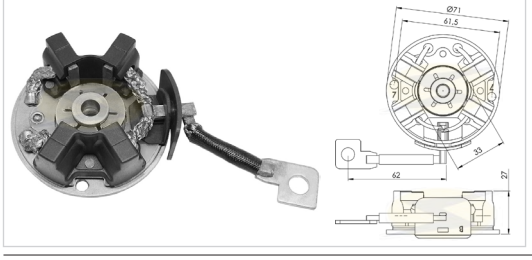
Especificações / Features: **12V, 1,0Kw** - Escova / *Brush*: 6 x 12 x 13 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: L121580, QDY1289, **VALEO:** D6GCS227, **JAC MOTORS:** 1043100GG010

Aplicação / Application: **JAC MOTORS:** J2 1.5, J3 1.4 2011 →

Valeo **Equivalente /** Replace



UF - 1.297/4 4 escovas / *brushes*

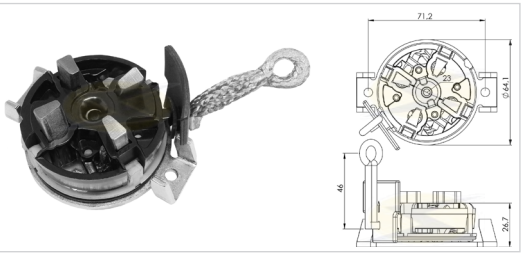
Especificações / Features: **12V, 2,2Kw** - Escova / *Brush*: 4,5 x 20 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 1202355, 36100 4A200

Aplicação / Application: **KIA:** Bongo K2500 2.5 TCI, **HYUNDAI:** Grand Starex 2.5 CRDi, H-1 2.5 CRDi, Porter Pickup 2.5 CRDi, HR100

Valeo **Equivalente /** Replace



UF - 1.303/4 4 escovas / *brushes*

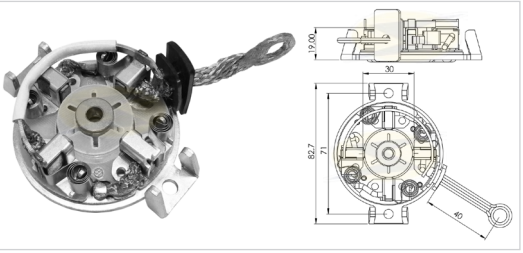
Especificações / Features: **12V, 1,1Kw** - Escova / *Brush*: 3,5 / 6,5T x 10 x 15 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 594674

Partida / Starter: D6G2, D6GS11,D6GS11M,D6GS12, D6GS12M, D6GS13, D6GS14, D6GS14M, D6GS19, D6GS36, TS12ER20, TS12ER22M, 438171, 438172, 438173, 438174, 438177, 438219, 438262, 458213, 458214, 458215, 458216, 458225, 458372, 458422, D6GS13M, 02M911023M, 02T911023S, 02T911023T, 02Z911023G, 0AM911023B, 0AM911023T

Aplicação / Application: **AUDI:** A1 1.4 16V, Q3, S3, TT, A1 1.2 TFSi, A3 1.6, A3 1.6 FSi, A3 1.6 FSi Sportback , A3 1.6 Sportback , A3 2.0 FSi, A3 2.0 FSi Sportback, **CITROEN:** C3, **VOLKSWAGEN:** Beetle, Eos, Golf 1.4, Jetta 1.6 / 2.0, Passat 1.6 / 2.0, Passat CC, Tiguam 1.4 / 2.0, Touran 1.6 / 2.0, Polo 1.6, Polo 1.2 TSi, Polo 1.4 GTi, Transporter, **SKODA:** Octavia 1.6 / 2.0, Roomster, Superb, Yeti, **SEAT:** Altea 1.6 / 2.0, Leon 1.6 / 1.8 / 2.0, Toledo 2.0

Valeo **Equivalente /** Replace



UF - 1.304/4 4 escovas / *brushes*

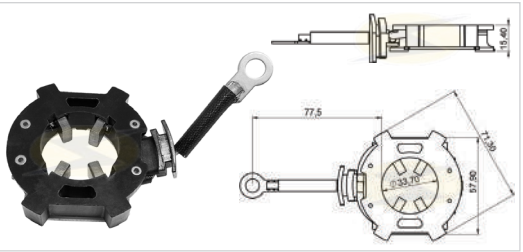
Especificações / Features: **12V, 1,2Kw** - Escova / *Brush*: 5 x 12 x 14 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **VALEO:** 501706

Partida / Starter: TSL12 10, 233008710R, 495111

Aplicação / Application: **FORD:** Ka, Ka + / 3 Cilindros, **RENAULT:** Duster 2.0, Sandero 2.0, Oroch, Master 2, **MERCEDES BENZ:** Vito

Valeo **Equivalente /** Replace



UF - 1.322/4 4 escovas / *brushes*

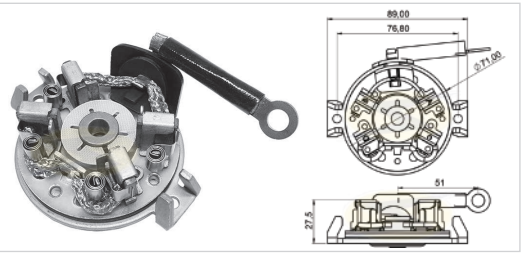
Especificações / Features: **12V, 0,9Kw** - Escova / *Brush*: 5 X 10,8 X 12,5 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **CARGO:** 235390 **KRAUF:** SHM5390, SHM8390, SHM9390.

Partida / Starter: TM000A27301, TM000A27601, TM000A31001, TM000A37001, 600084, **HYUNDAI:** 3610022805, **MANDO:** TM000A37201

Aplicação / Application: **HYUNDAI:** Accent, Atos, Avante, XD, Click, Coupe, Elantra, Getz, Lantra, Lavita, Matrix, Santro, Sonata, Verna, i10, **KIA:** Carstar, Cerato, Joice, Morning, Picanto, Rio, Visto

Valeo **Equivalente /** Replace



UF - 1.326/4 4 escovas / *brushes*

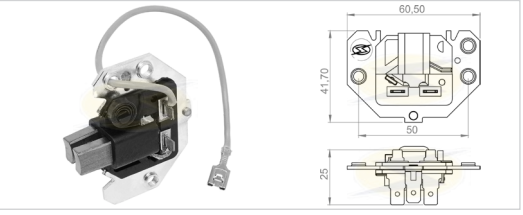
Especificações / Features: **12V,** - Escova / *Brush*: 4,5 X 18,5 X 13 mm (L x A x C / *W x H x L*)

Equivalente / Replace:

Partida / Starter: **GM:** 24585283 **VALEO:** 1206997

Aplicação / Application: **CHEVROLET-GM:** S10 Diesel 2.8 (2015->), TrailBlazer Diesel 2.8 (2015->)

Bosch **Equivalente /** Replace



UF - 2.201/2 2 escovas / *brushes*

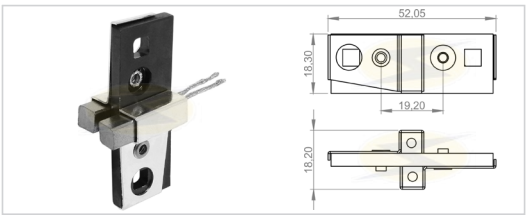
Especificações / Features: **14V - Tipo /** *Type:* **K1 - 55A** - Escova / *Brush*: 5 x 10 x 17 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 124 336 032, 1 124 336 043, 1 124 336 047, 1 124 336 048, 1 124 336 050, 1 124 336 053, 1 124 336 057, 1 124 336 066

Alternador / Alternator: 9 120 080 012, 9 120 080 182, 9 120 080 183, 9 120 080 020, 9 120 080 022, 9 120 080 031, 9 120 080 054, 9 120 080 066, 9 120 080 083, 9 120 080 084, 9 120 080 091, 9 120 080 101, 9 120 080 102, 9 120 080 111, 9 120 080 123

Aplicação / Application: **AGCO:** Novos Tratores, **AGRALE-DEUTZ:** 1600 D, 4200 / 4230 / 4300, M 80 / 85 / 90, Tx 1600, 8001 - 8501 Tdx, **AGRALE:** 1100 TX, 8000, 8500 TDX, **KOMATSU:** D 50 A, D 30 E **MASSEY FERGUSON:** Trator MF235 / MF265 / MF265/4 / MF275 / MF275/4 / MF283 / MF290 / MF290/4 / MF292 / MF292/4 / MF295/4 / MF296 / MF296/4 / MF1630, Séries Mf 1000 / 3000 / 4000 / 5000 / 6000, **MAXION:** Maxion Ideal 1175 / 9070 / 9075 / 9090 / 750 / 9150 / 9170, Série D C/ Motor / W/ Engine D 229-6, **SLC:** 6000 - 6200 / 6200 Turbo / 7000 - 7200 / 7700 / Turbo, **MERCEDES BENZ:** 608 LD, 610 L, 1013 L, 1111 L, 1113 L / LA / LPO, 1116 L, 1117 L / LA, 1313 LA, 1314 L, 1316 L / LA, 1317 L, 1319 L, 1418 L, 1419 L, 1513 L, 1513 LA, 1516 L, 1519 L, 2013 L / LA, 2016 L, 2019 L, 2213 L / LA, 2215 LK, 2216 L, 2219 L, O355, O362, O364, O365, OH355, OH1313, OH1316, OH1419, OH1517, Séries - 6t L, 8t L, 10t L, 11t L, 12t L ,13t L, 14t L, 14t Lp, 15 T L, 16 T L, 17 T L, 18 T L, 20 T L, 22 T L, 23 T L, Séries - 24 T, O, Of, Oh, **CASE:** 2000 - 2470, 4000 - 4490, W 36, W18, W 20 B, **CBT:** 1065 / 1105 / 2080 / 2105 / 8060 4x4 / 8240 / 8260 4x4, **MÜELLER:** Vibro Rt 62, **MWM-DIESEL:** Série D C/ Motor / W/ Engine D 229-3 / 229-4 / 229-6 / Td 229-6, **TOYOTA:** Bandeirante 4x4, **ALFA ROMEO:** 2300 Ti, **VOLKSWAGEN:** Variant 1600, Variant II 1600

Bosch Equivalente / Replace



UF - 2.202/2 2 escovas / *brushes*

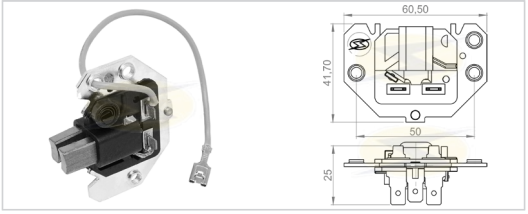
Especificações / Features: **12V** - Escova / *Brush*: 6,3 x 6,3 x 12,7 mm (L x A x C / *W x H x L*)

Equivalente / Replace: 419001

Alternador / Alternator:

Aplicação / Application: **FORD:** Corcel, F1000, F4000, Maverick, **CATERPILLAR:** Tratores, **CLARK:** Tratores, **DODGE:** Polara, **MASSEY-FERGUSON:** Tratores, **MERCEDES-BENZ:** Caminhões, **VALMET:** Tratores

Bosch Equivalente / Replace



UF - 2.204/2 2 escovas / *brushes*

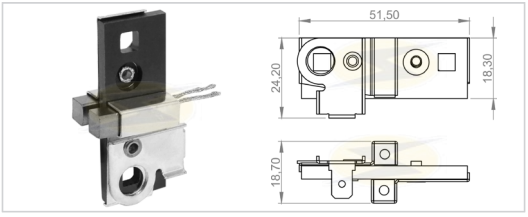
Especificações / Features: **24V** - Escova / *Brush*: 5 x 10 x 17 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 1 124 336 057

Alternador / Alternator: 9 120 080 039, 9 120 080 055, 9 120 080 058, 9 120 080 062, 9 120 080 064, 9 120 080 067, 9 120 080 069, 9 120 080 073, 9 120 080 074, 9 120 080 075, 9 120 080 086, 9 120 080 088, 9 120 080 103, 9 120 080 104, 9 120 080 105, 9 120 080 106, 9 120 080 109, 9 120 080 119, 9 120 080 124

Aplicação / Application: **SCANIA, VOLVO, FIAT:** 70, 80, 130, 140, 180, 190, 210, **FIAT ALLIS:** Trator de esteiras AD7B, **MERCEDES BENZ:** 1924 LS A, 1932 LS, O370, **MWM:** MOTORES

Bosch Equivalente / Replace



UF - 2.206/2 2 escovas / *brushes*

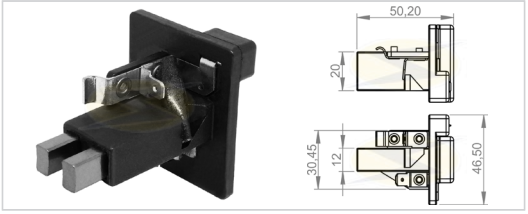
Especificações / Features: **12V** - Escova / *Brush*: 6,3 x 6,3 x 12,7 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **BOSCH:** 419008

Alternador / Alternator:

Aplicação / Application: **FORD:** Caminhões / Trucks, **VOLKSWAGEN:** Caminhões / Trucks

Bosch Equivalente / Replace



UF - 2.212/2 2 escovas / *brushes*

Especificações / Features: **12V** - Escova / *Brush*: 5 x 8 x 15 mm (L x A x C / *W x H x L*)

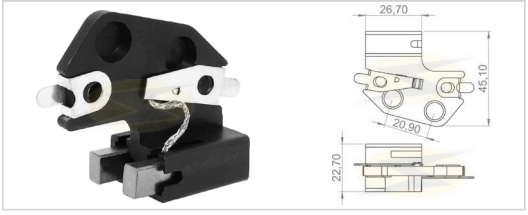
Utilizado com / ***Used with:*** **GAUSS GA-003**

Equivalente / Replace: **BOSCH:** 9 121 080 281

Alternador / Alternator: 9 120 080 041, 9 120 080 061, 9 120 080 072, 9 120 080 090, 9 120 080 122, F 000 LD0 108

Aplicação / Application: **GURGEL:** Tocantins L TR, **VOLKSWAGEN:** Brasília 1.3 / 1.6, Fusca 1.6 / 1300 / 1500 / 1600, Gol 1.3 / 1.6 (refrigerado a ar. / Air Cooled), Kombi 1.3 / 1.5 / 1.6 / 1.6 Mi / 1.6i, Saveiro 1.3 / 1.6 (refrigerado a ar. / Air Cooled), Transporter 1600

Delco Equivalente / Replace



UF - 2.203/2 2 escovas / *brushes*

Especificações / Features: **12V** - Escova / *Brush*: 5 x 8 x 13,2 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** 3472316, 3472319

Alternador / Alternator: 3472002, 3472014, 3472018, 3472020, 3472021,3472022, 3472023, 3472024, 3472026, 3472027, 3472028, 3472032, 3472033, 3472037, 3472038, 3472042, 3472048, 3472049, 3472050, 3472051, 3472052, 3472053, 3472057, 3472058, 3472059, 3472060, 3472061, 3472062, 3472063, 3472064, 3472065, 3472066, 3472067, 3472068, 3472069, 3472070, 3472072, 3472073, 3472074, 3472075, 3472082, 3472091, 3472104, 3472105, 3472106, 3472119, 3472120, 3472121, 3472128, 3472130, 3472134, 3472135, 3472136, 3472137, 3472139, 3472142, 3472143, 3472144, 3472208, 3493604, 3493606, 3493619, 3493621, 3493635, 3493639, 3493641, 3493644, 3493704, 3493706

Aplicação / Application: **CHEVROLET - GM:** C10, D10, Chevette (1973→), Opala (1973→), **FORD:** Máquinas diversas, **MASSEY FERGUSON:** Máquinas diversas

Delco Equivalente / Replace

UF - 2.205/2 2 escovas / *brushes*

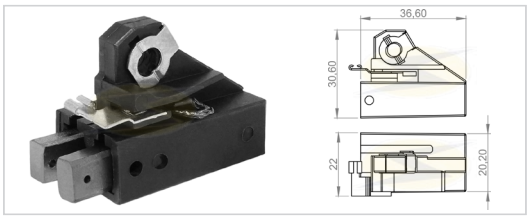
Especificações / Features: **12V** - Escova / *Brush*: 5 x 8 x 18 mm (L x A x C / *W x H x L*)

Equivalente / Replace: **DELCO:** D 727, D 766, D 776, 1876876, 1971521, 1984462, 801466

Alternador / Alternator: 10SI, 12SI, 27SI, TYPE 100 IR, TYPE 100 EF

Aplicação / Application: **CHEVROLET - GM:** Monza, Opala, Caravan

Delco **Equivalente /** Replace



UF - 2.211/2 2 escovas / *brushes*

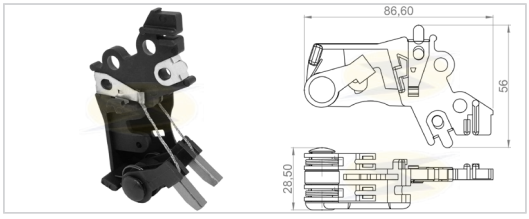
Especificações / Features: **12V** - Escova / *Brush*: 5 x 8 x 22 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10472881, 10473364, 10490180, 131915, 1986951, 1989651, D 789

Alternador / Alternator: 1101218, 1101196, 1101199, 1101551, 10480125, CS121, CS130, 1101091, 1101109, 1101110, 1101111, 1101123, 1101124, 1101126, 1101127, 1101135, 1101136, 1101137, 1101138, 1101139, 1101140, 1101141, 1101142, 1101143, 1101149, 1101151, 1101158, 1101162, 1101167, 1101170, 1101176, 1101184, 1101229, 1101231, 1101253, 1101254, 1101255, 1101259, 1101264, 1101277, 1101278, 1101291, 1101344, 1101346, 1101435, 1101461, 1101465, 1101466, 1101467, 1101483, 1101577, 1101582, 1101583, 1101593, 1101595, 1101596, 1101599, 1101600, 1101601, 1101603, 1101606, 1101612, 1101618, 1101632, 1101633, 1101634, 1101635, 1101636, 1101637, 1101642, 1101645, 1101646, 1101647, 1101649, 1101650, 1101807, 1101810, 1101814, 1101815, 1101822, 1101832, 1101846, 1102600, 1102601, 1102602, 1102603, 1102604, 1102607, 1102615, 1102629, 1102630, 1102631, 1105612, 1105661, 1105662, 1105663, 1105664, 1105665, 1105671, 1105672, 1105678, 1105694, 1105698, 1105701, 1105710, 1105711, 1105715, 1105718, 1105720, 1105722, 10463001, 10463002, 10463007, 10463011, 10463012, 10463013, 10463014, 10463015, 10463016, 10463017, 10463043, 10463044, 10463045, 10463097, 10463104, 10463148, 10463149, 10463172, 10463176, 10463187, 10463197, 10479806, 10479807, 10479814, 10479815, 10479816, 10479895, 10479897, 10479901, 10479902, 10479903, 10479905, 10479906, 10479909, 10479910, 10479911, 10479912, 10479913, 10479920, 10479954, 10479962, 10479963, 10479976, 10479990, 10479998, 10479999, 10480000, 10480027, 10480028, 10480035, 10480036, 10480037, 10480040, 10480068, 10480073, 10480082, 10480085, 10480087, 10480105, 10480115, 10480134, 10480137, 10490000

Aplicação / Application: **OPEL, VAUXHALL, CHEVROLET - GM:** Camaro 2.8 V6 / 3.1 V6 / 5.0 V8 / 5.7 V8, Caprice 4.3 V6, Corvette 5.7, Impala 5.7, Kadett, Lumina 3.4 V6, Opala, **DAEWOO:** Cielo 1.5, Espero 1.8 / 2.0, Nexia 1.5, **FORD:** Bronco 5.8, **PONTLAC:** Grand Prix 2.8i V6 / 3.1i V6, Tempest 2.0 / 2.2

Delco **Equivalente /** Replace



UF - 2.213/2 2 escovas / *brushes*

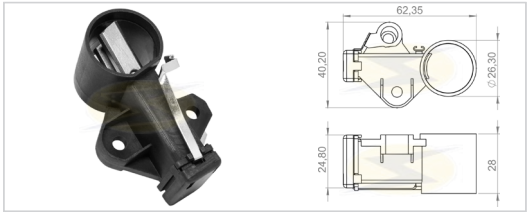
Especificações / Features: **12V / 24V** - Escova / *Brush*: 5 x 6 x 22 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 1989719, 1979724, 10467934, D785,

Alternador / Alternator: 19010205, 15SI, TYPE 116, 21SI, Series IR, Series EF, 1117965, 19010105, 19010111, 19010112, 19010182, 19010196, 19010200

Aplicação / Application: **MERCEDES-BENZ**

Delco **Equivalente /** Replace



UF - 2.214/2 2 escovas / *brushes*

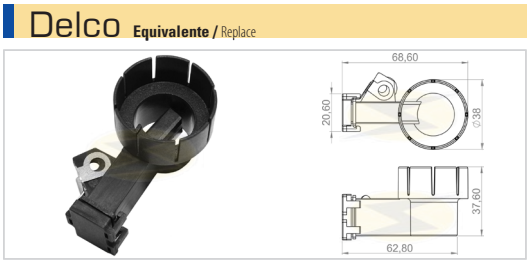
Especificações / Features: **12V** - Escova / *Brush*: 4,5 x 8 x 22 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10475011, 1205020, 1612017, 10452883

Alternador / Alternator: 3493814, 3493823, 3493847, 3493848, 3493855, 3493914, 3493955, 10479384, 10479923, 10479955, 10480225, 10480226, 10480273, **DELCO COREANO:** 100A, CS130D, 3493947, 10479914, 1047923, 1047947, 1047955

Aplicação / Application: **DAEWOO, OPEL, SAAB, VAUXHALL, CHEVROLET - GM:** Astra, Corsa, Kadett, Monza, Omega, S10, Vectra

Delco **Equivalente /** Replace



UF - 2.215/2 2 escovas / *brushes*

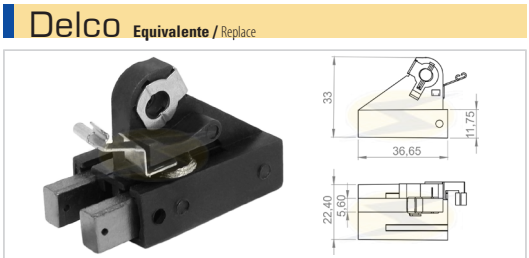
Especificações / Features: **12V** - Escova / *Brush*: 4,5 x 8 x 22 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10475746

Alternador / Alternator: 10463651, 10479991, 10480017, 10480071, 10480072, 10480119, 10480167, 10480168, 10480190, 10480198, 10480214, 10480215, 10480237, 10480353, 10480485, 94860301502, **DELCO:** CS 130D SÉRIE IR, **DELCO:** CS 130D SÉRIE IF, 10479214, 10479215, **DELPHI:** 134208

Aplicação / Application: **BUICK, OLDSMOBILE, DAEWOO, CHEVROLET - GM:** Blazer 4.3 V6, Lumina 3.1 V6, Monte Carlo 3.1 V6, S10 4.3 V6, **CADILLAC:** Escalade 5.7, **PONTIAC:** Grand Prix 3.1 V6, **PORSCHE:** Cayenne 4.5 Turbo

Delco **Equivalente /** Replace



UF - 2.219/2 2 escovas / *brushes*

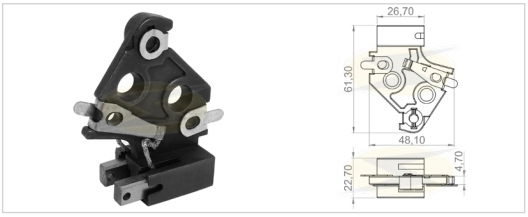
Especificações / Features: **12V, 140A** - Escova / *Brush*: 5 x 8 x 22 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 1989702

Alternador / Alternator: 10480124, 10479809, 10479817, D775, CS144 - IR Series, CS144 - IF Series, 1101182, 1101250, 1101296, 1101329, 1101349, 1101454, 1101518, 1101578, 1101604, 1105615, 1105616, 1105657, 10479855, 10479891, 10479895, 10479907, 10480008, 10480022, 10480121, 10480131

Aplicação / Application: **CHEVROLET - GM:** Omega 4.1 Mpfi L6, Silverado 4.1 Mpfi L6

Delco **Equivalente /** Replace



UF - 2.220/2 2 escovas / *brushes*

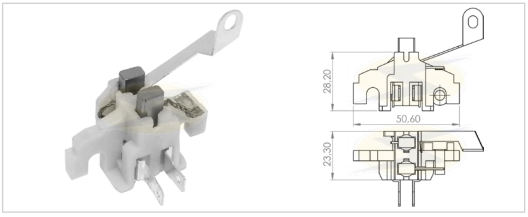
Especificações / Features: **12V, Escova com guia de molas /** ***Brush with guide to spring*** - Escova / *Brush*: 5 x 8 x 18 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 1876873, D766, 1852002

Alternador / Alternator: 27 SI, TYPE 200 SERIES IR, TYPE 200 SERIES EF, 1100075, 1100076, 1100077, 1100082, 1100083, 1100088, 1100091, 1100092, 1100153, 1100154, 1100155, 1100156, 1100158, 1100159, 1100162, 1100163, 1100164, 1100165, 1100166, 1100167, 1100168, 1100174, 1100175, 1100176, 1100179, 1100181, 1100182, 1100189, 1100196, 1100198, 1100199, 1100200, 1100201, 1100202, 1100203, 1100204, 1100206, 1100207, 1100208, 1100209, 1100211, 1100214, 1100217, 1100218, 1100221, 1100222, 1100225, 1100226, 1100227, 1100228, 1100229, 1100230, 1100231, 1100232, 1100233, 1100234, 1100235, 1100236, 1100237, 1100238, 1100239, 1100240, 1100241, 1100242, 1100243, 1100246, 1100247, 1100249, 1100250, 1100251, 1100252, 1100253, 1100254, 1100255, 1100256, 1100257, 1100258, 1100259, 1100260, 1100261, 1100263, 1100264, 1100265, 1100268, 1100269, 1100270, 1100272, 1100273, 1100274, 1100275, 1100276, 1100280, 1100281, 1100287, 1100288, 1100289, 1100290, 1100291, 1100297, 1100298, 1100299, 1100300, 1100486, 1100487, 1100490, 1100491, 1100492, 1100493, 1100494, 1100497, 1100499, 1100542, 1100543, 1100544, 1100545, 1100546, 1100547, 1100548, 1100549, 1100550, 1100552, 1100554, 1100559, 1100560, 1100573, 1100574, 1100575, 1100576, 1100577, 1100578, 1100579, 1100580, 1100581, 1100582, 1100583, 1100584, 1100585, 1100587, 1100588, 1100589, 1100592, 1100593, 1100597, 1100936, 1101090, 1101091, 1101109, 1101134, 1101155, 1101157, 1101159, 1101178, 1101228, 1101240, 1101241, 1101243, 1101244, 1101245, 1101268, 1101279, 1101282, 1101285, 1101287, 1101298, 1101299, 1101300, 1101301, 1101303, 1101304, 1101305, 1101307, 1101308, 1101324, 1101345, 1101484, 1102359, 1102361, 1102362, 1102363, 1102367, 1102368, 1102369, 1102370, 1102375, 1102379, 1102460, 1102461, 1102465, 1102466, 1102467, 1102468, 1102471, 1102472, 1102474, 1102475, 1102476, 1102477, 1102478, 1102479, 1102480, 1102481, 1102482, 1102483, 1102484, 1102485, 1102486, 1102488, 1102491, 1102493, 1102494, 1102495, 1102496, 1102497, 1102498, 1102499, 1102500, 1102548, 1102549, 1102550, 1102847, 1102866, 1102867, 1102876, 1102896, 1102898, 1102907, 1102914, 1103147, 1103148, 1103149, 1103151, 1103152, 1103153, 1103154, 1103155, 1103156, 1103157, 1103158, 1103161, 1103162, 1103169, 1103170, 1103182, 1103186, 1103187, 1103190, 1103195, 1103196, 1103197, 1105022, 1105023, 1105025, 1105029, 1105034, 1105036, 1105041, 1105043, 1105044, 1105045, 1105047, 1105048, 1105049, 1105050, 1105058, 1105059, 1105060, 1105063, 1105067, 1105076, 1105183, 1105185, 1105193, 1105195, 1105244, 1105245, 1105348, 1105351, 1105354, 1105355, 1105425, 1105426, 1105439, 1105440, 1105441, 1105443, 1105444, 1105446, 1105447, 1105449, 1105461, 1105466, 1105470, 1105471, 1105472, 1105474, 1105475, 1105476, 1105478, 1105492, 1105493, 1105495, 1105496, 1105503, 1105506, 1105507, 1105508, 1105511, 1105516, 1105521, 1105522, 1105523, 1105541, 1105542, 1105543, 1105544, 1105545, 1105555, 1105556, 1105561, 1105564, 1105565, 1105566, 1105567, 1105572, 1105575, 1105576, 1105577, 1105580, 1105581, 1105582, 1105588, 1105590, 1105591, 1105592, 1105594, 1105597, 1105599, 1105600, 1105602, 1105603, 1105604, 1105606, 1105607, 1105608, 1105610, 1105611, 1105620, 1105621, 1105623, 1105624, 1105627, 1105628, 1105629, 1105633, 1105635, 1105647, 1105648, 1105649, 1105650, 1105651, 1105652, 1105653, 1105654, 1105691, 1105692, 1105703, 1105704, 1105705, 1105706, 1105707, 1105708

Aplicação / Application: **CHEVROLET - GM:** Blazer, Camaro, Caprice, El Camino, Impala, Monte Carlo, Monza

Delco **Equivalente /** Replace



UF - 2.227/2 2 escovas / *brushes*

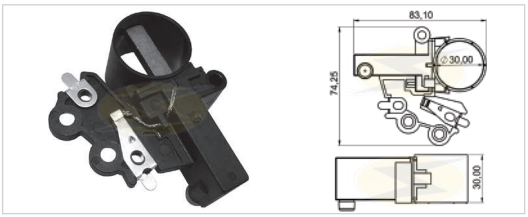
Especificações / Features: **12V** - Escova / *Brush*: 5 x 11 x 12 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 1964682, 1965276

Alternador / Alternator: 1100558, 1100568, 1100567, 1100569, 1100570, 1100571, 1100572, 1100590, 1100591, 1100600, 1100605 ,1100615

Aplicação / Application: **CHEVROLET - GM:** Opala, C10, C14, D20

Delco **Equivalente /** Replace



UF - 2.229/2 2 escovas / *brushes*

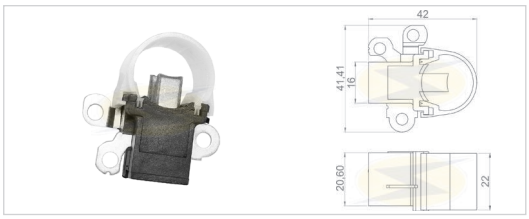
Especificações / Features: **12V / 24V** - Escova / *Brush*: 8 x 5 x 48 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DELCO:** 10492749, 10518636

Alternador / Alternator: 8600108, 8600198, 10459190, 10459191, 10459192, 10459193, 10459205, 10459212, 10459255, 10459291, 10459318, 10459320, 10459321, 10459341, 10459605, 19020300, 19020302, 19020304, 19020305, 19020308, 19020309, 19020310, 19020314, 19020347, 19020349, 19020352, 19020375, 19020388, 19020389, 19020391, 19020399, 19020801,19020803 19020804, 19020807, 19020809, 19020821, 19020888, 19020889

Aplicação / Application: **CAMECO:** Colheitadeira CHT2500B / CHW2500B, **CUMMINS:** Motores série C / K, **MASSEY FERGUSON:** Colheitadeira MF34 / MF38

Denso **Equivalente /** Replace



UF - 2.222/2 2 escovas / *brushes*

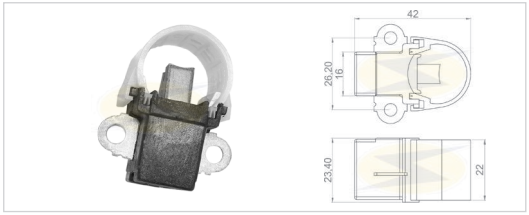
Especificações / Features: **12V - Tipo /** *Type*: **ER / IF -** Escova / *Brush*: 5 x 7 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 021620-2430, 0216300560

Alternador / Alternator: 121000 3000, 121000 3100, 121000 3300, 121000 3310, 121000 3330, 121000 3340, 121000 3360, 121000 3380, 121000 3390, 121000 3400, 121000 3440, 121000 3450, 121000 3452, 121000 3460, 121000 3480, 121000 3510, 121000 3520, 121000 3521, 121000 3523, 121000 3530, 121000 3531, 121000 3600, 121000 3620, 121000 3630, 121000 3650, 121000 3660, 121000 3670, 121000 3671, 121000 3710, 121000 3750, 121000 3760, 121000 3800, 121000 3810, 121000 3820, 121000 3821, 121000 3850, 121000 3851, 121000 4000, 121000 4010, 121000 4030, 121000 4040, 121000 4041, 121000 4050, 121000 4060, 121000 4070, 121000 4080, 121000 4090, 121000 4110, 121000 4130, 121000 4150, 121000 4151, 121000 4160, 121000 4161, 121000 4170, 121000 4171, 121000 4210, 121000 4211, 121000 4220, 121000 4221, 121000 4231, 121000 4232, 121000 4233, 121000 4250, 121000 4251, 121000 4270, 121000 4280, 121000 4290, 121000 4291, 121000 4300, 121000 4330, 121000 4331, 121000 4332, 121000 4350, 121000 4351, 121000 4360, 121000 4400, 121000 4440, 121000 4450, 121000 4451, 121000 4460, 121000 4470, 121000 4481, 121000 4490, 121000 4491, 121000 4520, 121000 4530, 121000 4550, 121000 4551, 121000 4560, 121000 4580, 121000 4590, 5 121000 167, 56007912, 56027912, 1210003370, 1210003410, 1210003470, 1210003846, 1210004120, 1210004320, 1210004391, 1210004480, TN1210004630

Aplicação / Application: **CHRYSLER:** Cirrus 2.0i / 2.4i / 2.5i V6, Concorde 2.7, Grand Cherokee III 2.4, Grand Voyager III 2.4, GS Daytona Shelby 2.5 / 2.5i Turbo, Intrepid 2.7, LeBaron 2.2i / 2.2i Turbo / 2.5i / 2.5i Turbo / 3.0i V6, Stratus 2.0i 16V / 2.4i 16V, Vision 3.3i V6, Voyager 3.0 V6, Voyager III 2.4 AWD / 2.4i / 3.0 V6 / 3.3 V6, Sebring, **DODGE:** Caravan III 2.4, Dakota 2.5 / 4.7 V8, Durango 4.7 V8, Ram 5.0 V8, Ram 1500 / 2500 / 3500, Shadow, Stratus 2.0 16V / 2.4 16V, **JEEP:** Cherokee 2.4 / 2.5 / 4.0, Comanche 2.5 / 4.0, Grand Cherokee 4.0, Grand Cherokee II 4.0 / 4.7 V8, Wrangler 2.4 / 2.5 / 4.0, Wrangler II 2.5 / 4.0, Wrangler Tj, **PLAYMOUTH:** Acclaim, Breeze, Sundance, Voyager

Denso **Equivalente /** Replace



UF - 2.223/2 2 escovas / *brushes*

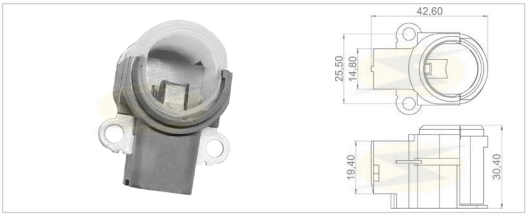
Especificações / Features: **12V - Tipo /** *Type*: **IR / IF -** Escova / *Brush*: 5 x 7 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 021620 2720 , 27370 42010, 0216202530, 2737045060, 2737075060

Alternador / Alternator: 100211 3690, 100211 4070, 100211 4071, 100211 5350, 100211 6030, 100211 6031, 100211 6050, 100211 6051, 100211 6060, 100211 6110, 100211 6130, 100211 6131, 100211 6150, 100211 6170, 100211 6190, 100211 6270, 100211 6300, 100211 6310, 100211 6350, 100211 6360, 100211 6370, 100211 6390, 100211 6410, 100211 6420, 100211 6440, 100211 7320, 100211 7330, 100211 7860, 100211 7861, 100211 8010, 100211 8020, 100211 8030, 100211 8050, 100211 8060, 100211 8070, 100211 8100, 100211 8130, 100211 8150, 100211 8151, 100211 8190, 100211 8230, 100211 8280, 100211 8300, 100211 8320, 100211 8321, 100211 8330, 100211 8370, 100211 8371, 100211 8380, 100211 8381, 100211 8390, 100211 8391, 100211 8392, 100211 8440, 100211 8480, 100211 8530, 100211 8540, 100211 8550, 100211 8560, 100211 8570, 100211 8590, 100211 8620, 100211 8621, 100211 8622, 100211 8630, 100211 8631, 100211 8632, 100211 8640, 100211 8660, 100211 8710, 100211 8740, 100211 8750, 100211 8770, 100211 8810, 100211 8820, 100211 8830, 100211 8840, 100211 8841, 100211 8850, 100211 8860, 100211 8870, 100211 8910, 100211 8911, 100211 8980, 100211 8990, 100211 8991, 100211 9880, 101211 0690, 101211 4280, 101211 5010, 101211 5020, 101211 5030, 101211 5080, 101211 5090, 101211 5110, 101211 5150, 101211 5160, 101211 5220, 101211 5230, 101211 5240, 101211 5270, 101211 5360, 101211 5400, 101211 5410, 101211 5420, 101211 5430, 101211 5450, 101211 5460, 101211 5480, 101211 5490, 101211 5500, 101211 5540, 101211 5550, 101211 5560, 101211 5610, 101211 5620, 101211 5690, 101211 5710, 101211 5720, 101211 5850, 101211 5970, 101211 7020, 101211 7060, 101211 7070, 101211 7071, 101211 7090, 101211 7091, 101211 7120, 101211 7160, 101211 7170, 101211 7180, 101211 7220, 101211 7230, 101211 7270, 101211 7300, 101211 7301, 101211 7400, 101211 7440, 101211 7450, 101211 7520, 101211 7551, 101211 7570, 101211 7630, 101211 7633, 101211 7640, 101211 7750, 101211 7760, 101211 7761, 101211 7780, 101211 7800, 101211 7840, 101211 7850, 101211 7851, 101211 7860, 101211 7861, 101211 7880, 101211 7892, 101211 7920, 101211 7960, 101211 9010, 101211 9020, 101211 9060, 101211 9100, 101211 9110, 101211 9120, 101211 9130, 101211 9140, 101211 9150, 101211 9160, 101211 9250, 101211 9280, 101211 9310, 101211 9330, 101211 9340, 101211 9350, 101211 9410, 101211 9440, 101211 9450, 101211 9510, 101211 9580, 101211 9590, 101211 9600, 101211 9630, 101211 9710, 101211 9711, 101211 9760, 101211 9810, 101211 9860, 101211 9940, 101211 9960, 101211 9970, 102211 0400, 102211 0500, 102211 0512, 102211 0520, 102211 0590, 102211 0610, 102211 0680, 102211 0681, 102211 0770, 102211 0830, 102211 0860, 102211 0870, 102211 0981, 102211 1010, 102211 1020, 102211 1021, 102211 1040, 102211 1180, 102211 1240, 102211 1330, 102211 1331, 102211 1370, 102211 1430, 102211 1440, 102211 1620, 102211 1740, 102211 1750, 102211 1760, 102211 1770, 102211 1830, 102211 1950, 102211 1951, 102211 1960, 102211 2000, 102211 2001, 102211 2120, 102211 2230, 102211 2231, 102211 2232, 102211 2233, 102211 2340, 102211 2400, 102211 2670, 102211 2680, 102211 2690, 102211 2750, 102211 3030, 102211 3140, 102211 4050, 102211 9070, 102211 9100, 104210 8040, 100210 3780, 102211 1210, 100211 6200, 100211 6210, 100211 6240, 100211 6250, 100211 6260, 100211 6492, 100211 8170, 100211 8270, 100211 8410, 100211 8700, 100211 8720, 100211 8780, 100211 8960, 100213 1730, 100213 1770, 100213 1920, 100213 1930, 100213 2272, 100213 2320, 100213 2530, 100213 2540, 100213 2630, 100213 2790, 100213 2940, 100213 2950, 100213 2980, 100213 2990, 100213 2991, 100213 2993, 101210 0891, 101211 5100, 101211 5120, 101211 5130, 101211 5170, 101211 5260, 101211 5261, 101211 5570, 101211 5571, 101211 5670, 101211 5870, 101211 7000, 101211 7310, 101211 7320, 101211 7370, 101211 7410, 101211 7670, 101211 7870, 101211 7871, 101211 7872, 101211 7891, 101211 7910, 101211 9050, 101211 9180, 101211 9230, 101211 9360, 101211 9570, 101211 9750, 101211 9770, 101211 9820, 101211 9880, 101211 9920, 101211 9921, 101211 9931, 102211 0430, 102211 0650, 102211 0670, 102211 0780, 102211 1070, 102211 1450, 102211 1451, 102211 1460, 102211 1461, 102211 1471, 102211 1650, 102211 1680, 102211 1780, 102211 1910, 102211 1920, 102211 1990, 102211 2020, 102211 2180, 102211 2220, 102211 2221, 102211 2222, 102211 2250, 102211 2270, 102211 2290, 102211 2430, 102211 2480, 102211 2600, 102211 2770, 102211 2780, 102211 4090, 102211 8000, 102211 8010, 102211 8190, 102211 8200, 102211 8490, 102211 8500, 102211 9050, 102211 9380, 102211 9470, 102211 9540, 104210 8060, 270601 6460

Aplicação / Application: **ACURA:** CI, NSX 3.0, **BUICK:** Century, Lesabre, Park Avenue, Regal, **CHEVROLET:** C1500 / 2500 / 35 / 3500, Cavalier, Corvette, K1500 / 2500 / 3500, Prizm, **HONDA:** Accord IV 2.0i 16V / 2.2i 16V, Accord V 2.0i 16V, Civic V 1.6 VTi, Civic VI 1.5i 16V / 1.6i 16V / 2.0 TD, CR-X II 1.6i 16V V-Tec, CR-V 2.0i 16V, HR-V 1.6 16V, Legend II 3.2i V6, Prelude IV 2.0i 16V, Prelude V 2.2i 16V, Shuttle 2.3 16V, Odyssey; **ISUZU:** Oasis; **JAGUAR:** S-Type 2.5 V6 / 3.0 V6, X-Type 2.5 V6 / 3.0 V6, XJ6 4.0, XJ12 6.0, **LEXUS:** GS400 II 4.0, IS200 2.0i GXE, IS300 3.0, LS400 II 4.0 V8, RX300 3.0, Es 300 / Gs 300, **MINI COOPER:** Base Hatchback 2-Door, Luxury Hatchback 2-Door, S Hatchback 2-Door, Sport Hatchback 2-Door, Chili Hatchback 2- Door, Pepper Hatchback 2-Door, S Chili Hatchback 2-Door, S Hot Chili Hatchback 2-Door, S Salt Hatchback 2-Door, Salt Hatchback 2-Door, Base Convertible 2-Door, Chili Convertible 2-Door, S Convertible 2-Door, Checkmate Hatchback 2-Door, Park Lane Hatchback 2-Door, S Checkmate Hatchback 2-Door, S Park Lane Hatchback 2-Door, Seven Hatchback 2-Door, Clubman Wagon 3-Door, John Cooper Works Convertible 2-Door, S Clubman Hatchback 3-Door, S Clubman Wagon 3-Door, S Sidewalk Hatchback 2-Door, John Cooper Works Clubman Wagon 3-Door, John Cooper Works Hatchback 2-Door, **PONTIAC:** Boneville, Firebird, Grand Am, Grand Prox, Sunfire, Trans Sport; **SCION:** Xb; **SUZUKI:** Grand Vitara 2.5 V6 / 2.7 V6, Samurai 1.3, SJ413 1.3, Swift 1.0 / 1.0 Turbo / 1.3, Aerio, **TOYOTA:** 4Runner 2.4 TD, Avensis 2.0 VVT-I, Camry 1.8 / 2.0 / 2.2, Carina 1.6, Carina II 2.0, Celica 1.8i 16V / 2.0 GT 16V / 2.0 GT Turbo, Cressida 2.4 D, Corolla 1.4 VVTi / 1.6 / 1.8 / 1.8 16V 4WD / 1.8 GT / 2.0 D / 2.0 D-4D, HiAce III 2.4 D, Hilux 2.4 TD / 3.4, Land Cruiser 2.4 TD / 3.4 / 4.2 D / 4.5, MR2 II 2.0 16V / 2.0 Turbo, RAV4 2.0, RAV4 II 2.0 VVT-i 4WD, Echo, Solara, Supra, **CATERPILLAR:** Máquinas diversas, **HYUNDAI:** Accent 1.5 CRDi, **JOHN DEERE:** Tratores, **KOMATSU:** Escavadeira PC200-6 / PC200-7, **LAND ROVER:** Defender 2.5 TD, Discovery II 2.5 TD, Freelander 1.8 16V / 2.0 Di, **MAZDA:** Millenia 2.3, Sienna 3.0, Xedos 9 2.0 V6 / 2.5 V6, **RENAULT:** Laguna 2.0 16V, **VOLVO:** 240 2.0, 340 2.0, 360 2.0, 740 2.0 / 2.0 Turbo / 2.3, 850 2.0 / 2.3 / 2.5, 940 2.3 / 2.3 Turbo Intercooler / 2.4 D / 2.4 TD, 960 2.4 TD Intercooler, C70 2.0 / 2.5, S40 1.6 / 1.8 / 2.0, S70 2.0 / 2.5, V40 1.8 / 2.0, V70 2.0 / 2.3

Denso **Equivalente /** Replace



UF - 2.224/2 2 escovas / *brushes*

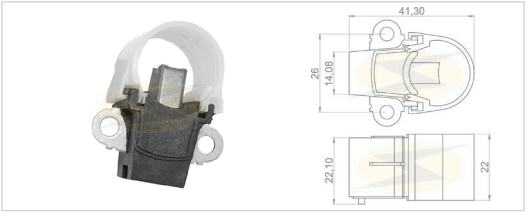
Especificações / Features: **12V - Tipo /** *Type:* **IR / IF, EF / IR -** Escova / *Brush*: 5 x 7 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 021620 3020, 021620 3030, 31105RAAA01, 31105RL0G01, 373683C200, 3151685250, 2737027060, 2737031220, 2737058460, 273700C020, 273700F060, 273700M040, 273700P020, 273700S010, 273700T030, 273700Y150

Alternador / Alternator: 210 0511, 210 0516, 210 0531, 210 0536, 210 0544, 210 0546, 210 0547, 210 0549, 210 0550, 210 0573, 210 0576, 210 0577, 210 0581, 210 0608, 210 0609, 210 0613, 210 0614, 210 0631, 210 0633, 210 0638, 210 0654, 210 0656, 210 0660, 210 0666, 210 0667, 210 0669, 210 0695, 210 0704, DAN952, DAN983, 9764219 377, 104210 3191, 104210 3290, 104210 3291, 104210 3292, 104210 3293, 104210 3320, 104210 3650, 104210 3651, 104210 3652, 104210 3770, 104210 3780, 104210 3880, 104210 3890, 104210 4140, 104210 4220, 104210 4230, 104210 4350, 104210 4360, 104210 4410, 104210 4420, 104210 4430, 104210 4470, 104210 4471, 104210 4571, 104210 4573, 104210 4700, 104210 4730, 104210 4731, 104210 4732, 104210 4790, 104210 4990, 104210 5070, 104210 5330, 104210 5630, 104210 6181, 104210 9341, 121000 2520, 421000 0060, 421000 0061, 421000 0062, 421000 0222, 421000 0223, 421000 0225, 421000 0370, 421000 0371, 421000 0470, 421000 0492, 421000 0493, 5 121000 252, 104210 1170, 104210 1190, 104210 1470, 104210 1540, 104210 1800, 104210 2040, 104210 2051, 104210 2060, 104210 2071, 104210 2080, 104210 2090, 104210 2100,104210 2140, 104210 2180, 104210 2260, 104210 2290, 104210 2291, 104210 2320, 104210 2340, 104210 2420, 104210 2421, 104210 2430, 104210 2650, 104210 2710, 104210 2730, 104210 2731, 104210 2780, 104210 2810, 104210 2840, 104210 2850, 104210 2870, 104210 3080, 104210 3081, 104210 3082, 104210 3090, 104210 3091, 104210 3092, 104210 3100, 104210 3170, 104210 3380, 104210 3410, 104210 3411, 104210 3420, 104210 3421, 104210 3431, 104210 3450, 104210 3470, 104210 3471, 104210 3500, 104210 3510, 104210 3511, 104210 3512, 104210 3513, 104210 3520, 104210 3521, 104210 3522, 104210 3530, 104210 3531, 104210 3532, 104210 3560, 104210 3610, 104210 3620, 104210 3630, 104210 3640, 104210 3641, 104210 3660, 104210 3662, 104210 3680, 104210 3690, 104210 3710, 104210 3711, 104210 3750, 104210 3751, 104210 3761, 104210 3762, 104210 3821, 104210 3911, 104210 4010, 104210 4022, 104210 4050, 104210 4051, 104210 4060, 104210 4090, 104210 4100, 104210 4101, 104210 4200, 104210 4201, 104210 4202, 104210 4290, 104210 4300, 104210 4301, 104210 4310, 104210 4330, 104210 4472, 104210 4475, 104210 4520, 104210 4521, 104210 4570, 104210 4591, 104210 4602, 104210 4640, 104210 4650, 104210 4670, 104210 4680, 104210 4690, 104210 4740, 104210 4750, 104210 4760, 104210 4770, 104210 4771, 104210 4800, 104210 4810, 104210 4830, 104210 4860, 104210 4870, 104210 4871, 104210 4880, 04210 4890, 104210 4920, 104210 4921, 104210 4980, 104210 4981, 104210 5020, 104210 5080, 104210 5090, 104210 5100, 104210 5120, 104210 5140, 104210 5150, 104210 5270, 104210 5290, 104210 5350, 104210 5351, 104210 5360, 104210 5361, 104210 5370, 104210 5440, 104210 5470, 104210 5480, 104210 5640, 104210 5770, 104210 5790, 104210 5800, 104210 5910, 104210 5920, 104210 5930, 104210 6080, 104210 6100, 104210 6103, 104210 6130, 104210 6140, 104210 6150, 104210 6191, 104210 6250, 104210 6251, 104210 6252, 104210 6254, 104210 6334, 104210 9000, 104210 9010, 104210 9011, 104210 9081, 104210 9181, 104210 9250, 104210 9390, 104211 3000, 104211 8480, 421000 0070, 421000 0150, 421000 0151, 421000 0200, 421000 0230, 421000 0232, 421000 0250, 421000 0252, 421000 0260, 421000 0261, 421000 0262, 421000 0263, 421000 0264, 421000 0300, 421000 0330, 421000 0332, 421000 0342, 421000 0343, 421000 0344, 421000 0360, 421000 0510, 421000 0512, 421000 0521, 421000 0550, 421000 0551, 421000 0552, 421000 0660, 421000 0770, 421000 6162, 122 9258, 122 9259, 125 5711, 125 5712, 125 6552, 130 2007, 132 2879, 135 2431, 135 2858, 135 3886, 147 7737, 147 7738, 147 7740, 153 0299, 154 3764, 163 3079, 170 8322, 3M5T 10300 KA, 3M5T 10300 KB, 3M5T 10300 KC, 3M5T 10300 LA, 3M5T 10300 LB, 3M5T 10300 LC, 3M5T 10300 LD, 3M5T 10300 NB, 3M5T 10300 NC, 3M5T 10300 PB, 3M5T 10300 PC, 3M5T 10300 PD, 3M5T 10300 SC, 3M5T 10300 SD, 3M5T 10300 VB, 3M5T 10300 VC, 3M5T 10300 VD, 3M5T 10300 YA, 3M5T 10300 YB, 3M5T 10300 YC, 3M5T 10300 YD, 3M5T 10300 YE, 4M5T 10300 KB, 4M5T 10300 UB, 4M5T 10300 UC, 8M5T 10300 YA, 8M5T 10300 YB, 27060 28260, 270603 8090, 270602 8310, 270600 C020, 270600 L020, 270600 L021, 270600 L022, 270600 P151

Aplicação / Application: **BUICK:** Allure, Enclave, Lacrosse, Lesabre, Lucerne, **CADILLHAC:** Srx, Sts, **CHEVROLET - GM:** Cobalt 2.2 / 2.4, Equinox, Hhr, Impala, Malibu, Monte Carlo, Traverse, **CHRYSLER:** Sebring, Town & Country, **DODGE:** Avenger, Caravan, Grand Caravan, Stratus, **FORD:** C-Max 1.6 TDCi / 1.8 TDCi / 2.0 TDCi, Fiesta 1.6 TDCi, Focus 1.6 TDCi / 1.8 TDCi / 2.0 TDCi, Fusion 1.6 TDCi, Expedition, **GMC:** Acadia, **LEXUS:** ES350 3.5, GS300 3.0, GS350 3.5, IS250 2.5, IS350 3.5, RX300, RX330, RX350, Gs 300 / 350, Is 250 / 350, Rs 330 / 350, **LINCOLN:** Navigator, **PONTIAC:** Bonneville, G5, Grand Prix, Pursuit, Torrent, Vibe, **SATURN:** Aura, Ion, Outlook, Vue, **SCION:** Tc, Xd **TOYOTA:** 4 Runner, Avalon, Camry, Corolla, Fj Cruiser, Highlander, Hilux 2.5 (Pitbull), Matrix, Rav4, Sienna, Tacoma, Tundra, Venza, **VOLVO:** C30 1.6 Diesel / 2.0 Diesel, S40 1.6 Diesel / 2.0 Diesel, V50 1.6 Diesel / 2.0 Diesel, C70, S40, **ALFA ROMEO:** Alfa 159 2.4 JTDM, Brera 2.4 JTDM, Giulietta 1.4, Spider 2.4 JTDM, **FIAT:** Croma II 2.4 JTD, **HONDA:** Accord 2.0 / 2.0 4WD / 2.4 / 2.4 Vtec / 2.4i, Accord VII 2.2 CTDi, Accord VIII 2.2i Dtec, Civic 2.0, Civic VIII 2.2 CTDi, CR-V 2.0 / 2.4 Vtec / 2.4i Vtec, CR-V II 2.2 CTDi, CR-V III 2.2 CTDi, FR-V 2.2 CTDi, MR-V (Pilot) 3.5, **HYUNDAI:** Santa Fé 3.8, **JAGUAR:** F-Type 3.0 / 5.0, R-Type, S-Type 4.2 V8, XF 5.0, XJ8 4.2, XK 5.0, XKR 4.2 V8 / 5.0, **LAND ROVER:** Discovery IV 2.7 TD / 3.0 TD, LR4 5.0, Range Rover 5.0 / 5.0 Sport, **MAZDA:** 3 1.6 TD, **SUZUKI:** SX4 2.0 DDiS / 2.0 DDiS 4x4, **TOYOTA:** Camry 2.4 VVT-i / 2.5 / 3.5 V6, Corolla 1.4 D-4D / 2.0 D-4D / 2.2 D-4D / 2.4, HiAce 2.7, HiAce IV 2.5 D-4D, Highlander 3.5 / 3.5 V6, Hilux 2.5 D-4D / 2.7 D-4D, Land Cruiser 3.0 D-4D / 4.5, RAV4 2.0 4WD / 2.0 VVT-i 4WD / 2.5 / 3.5 V6 / 3.5i,

Denso **Equivalente /** Replace



UF - 2.225/2 2 escovas / *brushes*

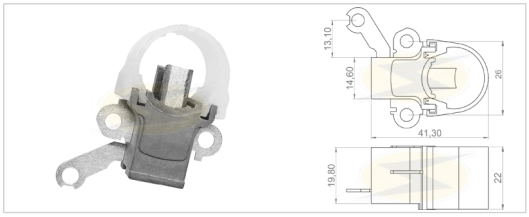
Especificações / Features: **12V - Tipo /** *Type:* **IR / IF, EF / IR -** Escova / *Brush*: 5 x 7 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 021620 3001, 31105PGKA01, 2737020130

Alternador / Alternator: 04210-306, 104210-307, 421000-001, 421000-002, 421000-003, 421000-004, 421000-006, 421000-010, 421000-011, 421000-012, 104210-3030, 104210-3031, 104210-3032, 104210-3040, 104210-3041, 104210-3042, 104210-3043, 104210-3060, 104210-3070, 104210-3090, 104210-3091, 104210-3092, 104210-3120, 104210-3121, 104210-3122, 104210-3140, 104210-3141, 104210-3280, 104210-3440, 104210-3441, 104210-3460, 104210-3470, 104210-3471, 421000-0011, 421000-0012, 421000-0013, 421000-0021, 421000-0022, 421000-0023, 421000-0024, 421000-0025, 421000-0026, 421000-0027, 421000-0028, 421000-0030, 421000-0040, 421000-0041, 421000-0042, 421000-0043, 421000-0051, 421000-0100, 421000-0103, 421000-0111, 421000-0113, 421000-0120, 421000-0121, 421000-0122, 421000-0150, 421000-0151, 421000-0180, 421000-0190, 421000-0191, 5-121000-348, 1012117440, 1042103050, 1042103051, 1042103052, 1042103250, 1042103251, 1042103252, 4210000081, 4210000082, 4210000083, 4210000085, 4210000210, 4210000320, 4210000321, 4210000322, 4210000323

Aplicação / Application: **ACURA:** Csx, Tsx, **HONDA:** Accord, Civic, Cr-V, Element, **CADILLAC:** DeVille 4.6, Seville 4.6, **CHRYSLER:** Grand Voyager IV 2.5 CRD / 2.8 CRD, Voyager IV 2.5 CRD / 2.8 CRD, **DODGE:** Durango 3.7 V6 / 4.7 / 5.9, Intrepid 3.5, Ram 3.7 / 4.7 / 5.7, **JEEP:** Commander 3.7 V6 / 4.7 V8, Grand Cherokee III 3.7 V6 / 4.7 V8, **LEXUS:** ES300 3.0, LS 430 4.3 V8, LX470 4.7, SC 430 4.3 V8, **TOYOTA:** 4 Runner, Highlander, Avensis Verso 2.0 D-4D, Camry 3.0 / 3.3, Land Cruiser 4.7, Previa II 2.0 D-4D, RAV4 II 2.0 D-4D

Denso **Equivalente /** Replace



UF - 2.226/2 2 escovas / *brushes*

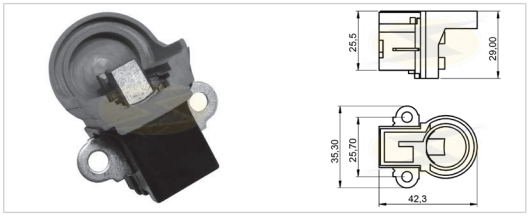
Especificações / Features: **12V - Tipo /** *Type*: **IR / IF -** Escova / *Brush*: 5 x 7 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 021620 3100, 3736825110, 2737023120

Alternador / Alternator: 102211-3102, 373003C150, 373003E100, 373004A300

Aplicação / Application: **HYUNDAI:** Entourage 3.8l (2007-2009), Azera 3.8l 2008, Santa Fe 2.7l (2007-2008), Santa Fé 3.3l (2007-2008), Sontata 3.3l (2006-2008), Veracruz 3.8l (2007-2010), Azera (Grandeur) 3.3, Sonata 2.4, **KIA:** Sorento 2.5 CRDi, Sorento 3.3l (2008), Sorento 3.8l (2007-2008), Sedona 3.8l (2006-2009)

Denso **Equivalente /** Replace



UF - 2.228/2 2 escovas / *brushes*

Especificações / Features: **12V** Escova / *Brush*: 5 x 7 x 15 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **DENSO:** 0216202010, 0216202130, 0216202180, 0216202190, 0216202201, 0216202220, 0216202310, 0216202360, 0216202630, 0216202750, 0216202760, 0216202870, 0216210650, **MITSUBISHI:** M371X64871.

Alternador / Alternator: **DALHATSU:** 270406 4150000, 270605 8020000, **270608** 7103000 / 7104000 / 7106000 / 7107000 / 7108000 / 7201000 / 7202000 / 7211000 / 7212000 / 7501000 / 7502000 / 7601000 / 7602000 / 7605000 / 7608000 / 7701000 / 7704000 / 7705000 / 7706000 / 7707000 / 7709000 / 7714000 / 7715000 / 7716000 / 7717000 / 7719000 / 7721000, 270609 6001000 / 7705000, **DENSO: 100210** 3070 / 3160 / 3190 / 3210 / 3410 / 3600 / 3610 / 3620 / 3730 / 3740, **100211** 1000 / 1001 / 1010 / 1011 / 1020 / 1021 / 1030 / 1031 / 1040 / 1041 / 1050 / 1060 / 1061 / 1070 / 1071 / 1072 / 1073 / 1074 / 1080 / 1081 / 1090 / 1091 / 1100 / 1101 / 1110 / 1111 / 1121 / 1130 / 1131 / 1140 / 1141 / 1150 / 1160 / 1161 / 1170 / 1171 / 1180 / 1200 / 1201 / 1210 / 1211 / 1212 / 1220 / 1221 / 1222 / 1223 / 1224 / 1230 / 1231 / 1250 / 1251 / 1260 / 1261 / 1270 / 1271 / 1280 / 1310 / 1311 / 1320 / 1321 / 1330 / 1331 / 1341 / 1350 / 1351 / 1370 / 1371 / 1381 / 1400 / 1401 / 1402 / 1410 / 1411 / 1420 / 1440 / 1451 / 1452 / 1453 / 1460 / 1461 / 1470 / 1492 / 1510 / 1511 / 1512 / 1520 / 1540 / 1550 / 1560 / 1570 / 1571 / 1580 / 1590 / 1600 / 1601 / 1610 / 1611 / 1620 / 1630 / 1640 / 1650 / 1661 / 1662 / 1670 / 1680 / 1690 / 2000 / 2001 / 2010 / 2011 / 2020 / 2021 / 2030 / 2031 / 2040 / 2050 / 2060 / 2061 / 2070 / 2071 / 2080 / 2102 / 2110 / 2130 / 2140 / 2150 / 2151 / 2160 / 2170 / 2190 / 2200 / 2201 / 2221 / 2231 / 2250 / 2280 / 2290 / 2300 / 2310 / 2320 / 2330 / 2340 / 2370 / 2380 / 2390 / 2391 / 2400 / 2410 / 2420 / 2450 / 2451 / 2460 / 2470 / 2480 / 2490 / 2500 / 2510 / 2550 / 2661 / 2731 / 2820 / 2830 / 2840 / 2850 / 2860 / 3001 / 3020 / 3040 / 3050 / 3060 / 3070 / 3081 / 3090 / 3091 / 3100 / 3101 / 3110 / 3120 / 3121 / 3130 / 3140 / 3141 / 3150 / 3151 / 3160 / 3170 / 3180 / 3181 / 3200 / 3210 / 3220 / 3221 / 3230 / 3231 / 3240 / 3250 / 3251 / 3260 / 3270 / 3280 / 3300 / 3310 / 3311 / 3321 / 3340 / 3352 / 3370 / 3380 / 3391 / 3401 / 3410 / 3440 / 3490 / 3500 / 3520 / 3530 / 3540 / 3550 / 3560 / 3580 / 3590 / 3600 / 3610 / 3630 / 3640 / 3650 / 3660 / 3670 / 3680 / 3690 / 3700 / 3740 / 3760 / 3790 / 3800 / 3810 / 3830 / 3831 / 3850 / 3860 / 3870 / 3880 / 3890 / 3910 / 3930 / 3940 / 3970 / 3980 / 4000 / 4001 / 4002 / 4003 / 4004 / 4020 / 4050 / 4060 / 4070 / 4080 / 4090 / 4091 / 4102 / 4103 / 4104 / 4110 / 4111 / 4112 / 4120 / 4140 / 4141 / 4150 / 4160 / 4170 / 4180 / 4190 / 4191 / 4200 / 4201 / 4210 / 4220 / 4230 / 4240 / 4250 / 4280 / 4290 / 4300 / 4310 / 4320 / 4350 / 4351 / 4360 / 4361 / 4371 / 4372 / 4382 / 4383 / 4390 / 4400 / 4410 / 4420 / 4440 / 4450 / 4460 / 4482 / 4490 / 4500 / 4520 / 4528 / 4530 / 4540 / 4550 / 4560 / 4610 / 4620 / 4621 / 4630 / 4631 / 4640 / 4650 / 4680 / 4700 / 4701 / 4710 / 4720 / 4730 / 4740 / 4770 / 4780 / 5000 / 5010 / 5021 / 5040 / 5050 / 5090 / 5100 / 5130 / 5140 / 5141 / 5210 / 5230 / 5231 / 5250 / 5251 / 5280 / 5310 / 5730 / 6040 / 6600 / 6621 / 6640 / 6660 / 6690 / 6720 / 6730 / 6750 / 6760 / 6770 / 6780 / 6790 / 6801 / 6830 / 6860 / 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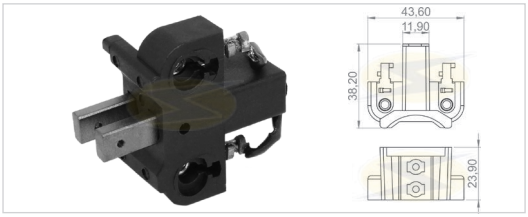
9880 / 9970 / 9980, **100213** 0421 / 0451 / 0700 / 0710 / 0730 / 0740 / 0745 / 0941 / 1030 / 1040 / 1140 / 1150 / 1200 / 1250 / 1260 / 1261 / 1740 / 1780 / 1781 / 1790 / 1900 / 1910 / 1911 / 2220 / 2250 / 2350 / 2351 / 2470 / 2471 / 2580, **101211** 0020 / 0030 / 0033 / 0040 / 0050 / 0051 / 0052 / 0060 / 0061 / 0062 / 0070 / 0071 / 0072 / 0100 / 0120 / 0130 / 0140 / 0151 / 0160 / 0170 / 0171 / 0172 / 0180 / 0181 / 0182 / 0190 / 0191 / 0210 / 0211 / 0220 / 0230 / 0240 / 0250 / 0260 / 0261 / 0262 / 0270 / 0271 / 0272 / 0300 / 0320 / 0321 / 0322 / 0330 / 0331 / 0332 / 0341 / 0342 / 0370 / 0380 / 0381 / 0390 / 0400 / 0401 / 0430 / 0431 / 0432 / 0450 / 0451 / 0452 / 0470 / 0471 / 0472 / 0480 / 0481 / 0490 / 0500 / 0520 / 0521 / 0522 / 0540 / 0541 / 0542 / 0543 / 0550 / 0551 / 0560 / 0570 / 0571 / 0580 / 0581 / 0582 / 0600 / 0601 / 0602 / 0610 / 0611 / 0612 / 0620 / 0621 / 0680 / 0681 / 0720 / 0722 / 0723 / 0740 / 0741 / 0770 / 0840 / 0851 / 0971 / 0972 / 1030 / 1100 / 1170 / 1180 / 1240 / 1360 / 1380 / 2001 / 2011 / 2022 / 2030 / 2040 / 2060 / 2080 / 2090 / 2100 / 2130 / 2140 / 2160 / 2190 / 2230 / 2240 / 2270 / 2290 / 2310 / 2330 / 2350 / 2360 / 2370 / 2380 / 2411 / 2460 / 2470 / 2570 / 2620 / 2710 / 2730 / 2731 / 2750 / 2751 / 2770 / 2780 / 2941 / 2960 / 3000 / 3010 / 3020 / 3030 / 3040 / 3050 / 3070 / 3120 / 3160 / 3200 / 3210 / 3250 / 3350 / 3370 / 3770 / 3860 / 4060 / 4070 / 4120 / 4121 / 4122 / 4130 / 4131 / 4132 / 4150 / 4151 / 4160 / 4161 / 4170 / 4171 / 4190 / 4191 / 4200 / 4220 / 4280 / 4310 / 4330 / 4370 / 4420 / 4580 / 4590 / 8580 / 8740 / 8771 / 8810, **102211** 6170 / 2310 / 5001 / 5002 / 5011 / 5012 / 5020 / 5021 / 5050 / 5051 / 5052 / 5060 / 5070 / 5090 / 5121 / 5140 / 5150 / 5151 / 5160 / 5161 / 5190 / 5200 / 5230 / 5231 / 5250 / 5260 / 5280 / 5380 / 5520 / 5600 / 5610 / 5660 / 5860 / 5930 / 5940, **121000** 2140 / 2460 / 2461 / 2470 / 2500 / 2550 / 5120 / 5290 / 5410 / 5420 / 5430 / 8020 / 8030, **HONDA: 31100P** 010031 / 010132 / 45901 / C09230 / D2004 / D2005 / D2014 / D2024 / D2970 / D2973 / D6014 / E0003 / E0004 / E0013 / E0014 / E0020 / E0023 / E0024 / E0034 / E0044 / E0924 / G6013 / G7003 / G7013 / G7023 / G7033 / H1004 / H1014 / H1024 / H10242 / H2J010M / H3013 / H30243 / H70040 / H7024 / J0306 / J0661 / J0662 / J0663 / K1001 / K10147 / K20031 / K2014 / K20146 / K3A020 / M4Y0030 / M5A01 / M5A010 / M8A010 / R30030 / R6003 / T0B91 / W1G01, **ISUZU:** 8941313572, 8941373452, 8941566720, 8941566721, 8941725860, 8944086740, 8944139970, 8944299990, 8944299991, 8944410681, 8944541880, 8944541881, 8944740192, **KUBOTA:** 1623164011, 1624164011, 1624164012, 1654064011, 1735664012, 1736964011, 6643664011, **SUZUKI: 3140060** B11 / B40 / G10 / G11 / G12 / G13, **3140071** C10 / C20, 3140075F50, 3140082110, **3140082** 111 / 610 / 611, 3140083010, 3140085510, 3140086010, **TOYOTA: 270405** 4130 / 4170 / 4180 / 4220 / 4290 / 4310 / 4320 / 4340 / 4440 / 4490 / 4500, 270406 4050 / 4051, **270601** 0010 / 0030 / 0050 / 0051 / 0061 / 0070 / 0071 / 0080 / 0090 / 0100 / 1000 / 1030 / 1041 / 1120 / 1170 / 1250 / 1260 / 1270 / 1320 / 1340 / 5080 / 5130 / 6010 / 6011 / 6012 / 6040 / 6041 / 6042 / 6051 / 6060 / 6080 / 6081 / 6082 / 6090 / 6091 / 6122 / 6141 / 6151 / 6160 / 6170 / 6180 / 6280 / 6320 / 6350 / 7020 / 7060 / 7160 / 8010, **270603** 5060 / 5061 / 5130, **270604** 3060 / 3110 / 3120 / 3130 / 3990, **270605** 4030 / 4040 / 4080 / 4210 / 8220, **270606** 2011 / 2012 / 3020 / 3021 / 3030 / 3031 / 3040 / 3041 / 3060 / 3061 / 3080 / 3081 / 3082 / 3100 / 3101 / 3102 / 4021 / 4030 / 7020 / 7070, **270607** 2050 / 2060 / 2061 / 2062 / 2070 / 2080 / 2081 / 2090 / 2101 / 2111 / 2120 / 2121 / 4010 / 4020 / 4070 / 4140 / 4190 / 4210 / 4370 / 4400 / 4630 / 5030 / 5050 / 5080 / 5090 / 5100 / 6010 / 6050 / 6070 / 8001 / 8003 / 8301, 2707023001

Aplicação / Application: **ACURA:** CSX 2.0, MDX 3.5, TSX 2.4, **ALFA ROMEO:** 159 2.4 JTDM, Brera 2.4 JTDM, Spider 2.4 JTDM, **CITROEN:** Berlingo 2.0 / 4x4, C1 1.4 HDi, C2 1.4 HDi, C3 1.4 HDi, C4 2.0 16V, C5 2.2 HDi, Xsara 1.4 HDi, Xsara 1.6 HDi, Xsara 2.0 HDi, Xsara Picasso 1.6 HDi, **FIAT:** Croma 2.4 JTDM Multijet, Ulysse 2.0, **FORD:** C-Max 1.6 TDCi / 2.0 TDCi, Fiesta 1.6 TDCi, Focus 1.6 TDCi / 2.0 TDCi, Fusion 1.6 TDCi, **HONDA:** Accord 2.0 / 2.0 4WD / 2.4 / 2.4 Vtec / 2.4i / 3.0, Civic 2.0, CR-V 2.0 / 2.0 AWD / 2.4i Vtec, Odyssey 3.5, Pilot 3.5, **HYUNDAI:** Azera 3.3 V6, Genesis 3.8 V6, Santa Fé 3.3 V6, **JAGUAR:** S-Type 4.2 V8, Super V8 4.2, Vanden Plas 4.2, XJ 3.5 / 4.2, XJ R 4.2, XJ9 4.2, XK 3.6 / 4.2, XK R 4.2, XK8 4.2, XKR 4.2, **JEEP:** Commander 5.7, Grand Cherokee 5.7 / 6.1, **KIA:** Cadenza 3.3 V6, Sedona 3.5 V6, Sorento 3.5 V6, **LAND ROVER:** Discovery 3.0 TD, LR4 5.0, Range Rover 3.0 TD Sport 4x4 / 5.0 / 5.0 Sport, **LEXUS:** ES330 3.3, GS300 3.0, GS350 3.5, IS250 2.5, IS350 3.5, RX330 3.3, RX350 3.5 V6, **MAZDA:** 3 1.6 TD, **PEUGEOT:** 106 1.4 HDi, 206 1.4 HDi, 307 1.4 HDi / 2.0 16V / SW 1.4 HDi, 407 2.0, 607 2.2 16V, 1007 1.4 HDi, **RENAULT:** Modus 1.6, **SUZUKI:** Aerio (Liana) 1.4 DDiS, SX4 2.0 DDiS / 4x4, **TOYOTA:** Camry 3.0 DDiS / 3.5 V6, Corolla 1.4 D-4D DDiS / 1.8 DDiS / 2.0 D-4D DDiS / 2.2 D-4D, HiAce 2.7, Highlander 3.3 DDiS / 3.6 V6, Land Cruiser 3.0 D-4D, RAV4 2.0 VVT-i 4WD DDiS / 2.2 D-4D DDiS / 3.5 V6, Yaris 1.4 D-4D DDiS / II 1.0 VVT-i, **VOLVO:** C30 1.6 Diesel / 2.0 Diesel, S40 1.6 Diesel / 2.0 Diesel / 2.4 / 2.5, V50 1.6 Diesel / 2.0 Diesel / 2.4 / 2.5.

Ford / Motorcraft **Equivalente** / Replace



UF - 2.216/2 2 escovas / *brushes*

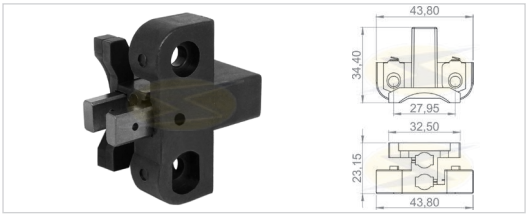
Especificações / Features: **12V** - Escova / *Brush*: 4 x 7,5 x 18 mm (L x A x C / *W x H x L)*

Equivalente / Replace: **FORD:** F1DZ-10347-A, F1DU10260AA, E9PU-10320-AA

Alternador / Alternator: GB320, IR 3G SERIES, IF 3G SERIES, 2C2U-10300-BB, F6AU-10300-AA, F6AU-10300-AB, 1021397, 1024864, 1031134, 1032652, 1035755, 1057793, 1090424, 1104931, 1104987, 7308195, 93BB10300FD, 93BB10300FE, 93BB10300FF, 93BB10300FG, 96BB-10300BA, 96BB10300BB, 97BB10300BA, 97BB10300BB, 97BB10300BC, 97BB10300BD, F07F10300AA, F07U10300AA, F07U10300AC, F0PU10346DA, F17U10300AA, F1TZ10346C, F2TU10300AF, F37U10300AA, F3UU10300AE, F3UU10300AF, F57U10300AA, F5RU10300BB, F5RU10300BC, F5UU10300BA, F67U10300BA, F6RU10300AA, F6UU10300EA, F77U10300BA, F8RU10300BA

Aplicação / Application: **FORD:** Continental, Cougar, Sable, Lincoln, Mercury, Taurus, Tempo, Thunderbird, Tracer, Topaz, Town Car, Bronco 5.8 V8, Escort 1.9, Explorer 4.0 V6, F250 5.0 V8 / 5.8 V8, F350 5.0 V8, F1000, Mondeo I 1.8 TD / 2.5 V6, Mondeo II 1.8 TD / 2.5 V6, Ranger 2.5 / 3.0 / 4.0

Ford / Motorcraft **Equivalente** / Replace



UF - 2.217/2 2 escovas / *brushes*

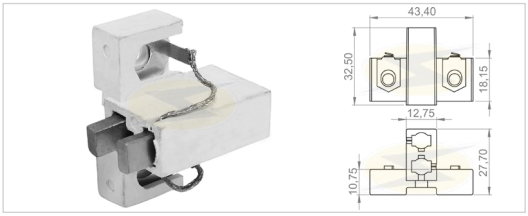
Especificações / Features: **12V** - Escova / *Brush*: 4 x 7,5 x 18,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: E9PU-10320-AA

Alternador / Alternator: E9DF-10300-CA, F0DF-10300-AA, F1VU-10300-BB, 3G SERIES IR, 3G SERIES IF

Aplicação / Application: **FORD:** F-250, F-350, F-1000, Bronco 3.6, Continental, Cougar, Escort, Explorer, Sable, Lincoln, Mercury, Ranger, Taurus, Tempo, Thunderbird, Tracer, Topaz, Town Car

Ford / Motorcraft **Equivalente** / Replace



UF - 2.218/2 2 escovas / *brushes*

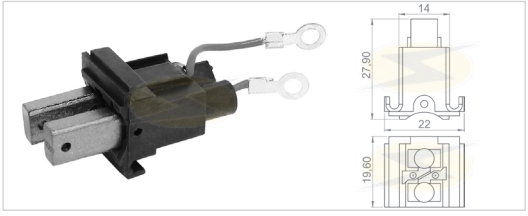
Especificações / Features: **12V** - Escova / *Brush*: 4 x 7,5 x 12 mm (L x A x C / *W x H x L)*

Equivalente / Replace: E43Z-10320-A, GC-402

Alternador / Alternator: E43F-10300-EA, E43F-10300-PA, E43F-10300-RA, E43Z-10346-D, E53F-10300AA, E53F-10300BA, E53F-10300DA, E53F-10300IR, E53F-10300EF, E7SF10300HA, E7SF10300MA, E7ZF10300FA, E9SF10300BA

Aplicação / Application: **MERCURY, FORD:** E350, F250 5.0 V8, Mustang, Bronco 2.6

Ford / Motorcraft **Equivalente** / Replace



UF - 2.221/2 2 escovas / *brushes*

Especificações / Features: **12V** - Escova / *Brush*: 4,5 x 8,3 x 16,3 mm (L x A x C / *W x H x L)*

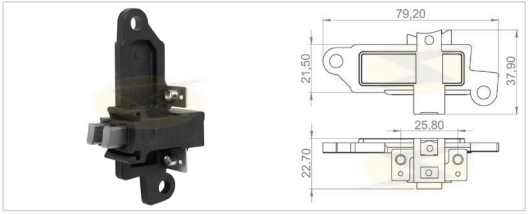
Utilizado com / ***Used with*** **GAUSS GA-350 e 360**

Equivalente / Replace:

Alternador / Alternator: RC28 Series, 1120211, 1120213, 1124015, 1131820, 1140135, 1140694, 1140696, 1145715, 1151212, 1151213, 1211891, 1229421, 1303447, 1429688, 1429689, 1464755, 1464779, 1464782, 1477856, 1477971, 1478119, 1478187, 1478608, 1479818, 4362258, 4371000, 4371001, 4374447, 4374448, 4531025, 1S7T10300BA, 1S7T10300BB, 1S7T10300BC, 1S7T10300BD, 1S7T-10300BE, 1S7T10300CA, 1S7T10300CB, 1S7T10300CC, 1S7T10300CD, 1S7T10300CE, 1S7T10300CF, 1S7T10300DA, 1S7T10300DB, 1S7T10300DC, 1S7T10300DD, 1S7T10300DE, 1S7T10300DF, 2S6T10300AA, 2S6T10300AB, 2S6T10300AC, 2S6T10300FA, 2S6T10300FB, 2S6T10300FC, 2T1U10300AB, 2T1U10300AC, 2T1U10300AD, 2T1U10300AE, 2T1U10300AF, 2T1U10300AG, 2T1U10300AH, 2T1U10300AK, 2T1U10300AL, 2T1U10300BB, 2T1U10300BC, 2T1U10300BD, 2T1U10300BE, 2T1U10300CA, 2T1U10300CB, 2T1U10300CC, 2T1U10300CD, 2T1U10300CE, 2T1U10300CF, 3S6T10300AA, 3S6T10300AC, 3S6T10300AD, YC1U10300EA

Aplicação / Application: **FORD:** Ecosport, Courier, Fiesta V 1.3 / 1.4 TDCi, Focus 1.8 TDDi, Fusion 1.4 TDCi, Ka 1.3i / 1.6i, Mondeo III 1.8 / 2.0 / 2.0 TDCi / 2.2 TDCi / 2.5 TDCi, Tourneo 1.8 TDCi, Transit 1.8 TDCi, **JAGUAR:** X-Type 2.0 D / 2.2 D

Prestolite / Delphi **Equivalente** / Replace



UF - 2.207/2 2 escovas / *brushes*

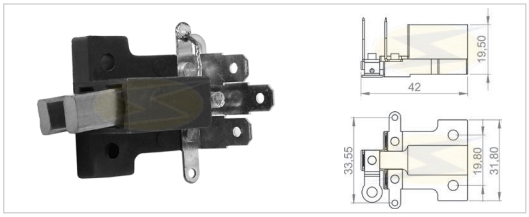
Especificações / Features: **12V** - Escova / *Brush*: 5 x 8 x 26 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 352 14 128

Alternador / Alternator: 352 13 950, 352 13 955, 352 14 085, 352 14 095, 352 14 190, 352 14 445, 12V 80>90A

Aplicação / Application: **PEUGEOT:** 306 Diesel, 405, **RENAULT:** Clio 1.6 / 1.9 Diesel, R19 1.6, **VOLKSWAGEN:** Gol II 1.0 / 1.8 AP, Golf (México), Jetta (México), Parati II 1.0 / 1.8 AP, Polo 1.6 AP / 1.8 AP / 1.9 Diesel, Saveiro II 1.0 / 1.8 AP

Prestolite / Delphi **Equivalente /** Replace



UF - 2.208/2 2 escovas / *brushes*

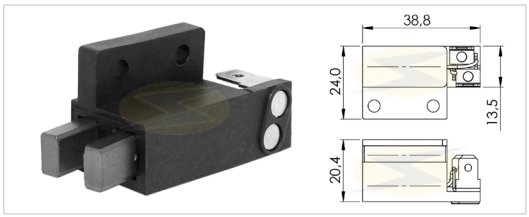
Especificações / Features: **12V** - Escova / *Brush*: 4,5 x 8 x 16,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 352 12 715, K01523

Alternador / Alternator: 352 13 850 12V 70A, 352 13 395

Aplicação / Application: **MERCEDES BENZ:** 608 LD, 709 L, 710 L, 912 L, 913 L, 1112, 1114, 1215 L, 1517, 1615 L, 1620 L, OF1214, OH1114, OH1315

Prestolite / Delphi **Equivalente /** Replace



UF - 2.209/2 2 escovas / *brushes*

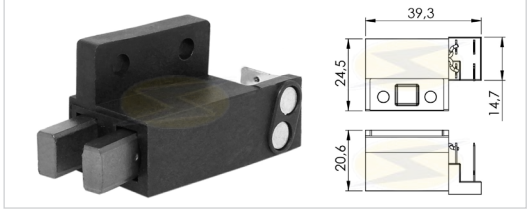
Especificações / Features: **24V** - Escova / *Brush*: 4,5 x 8 x 18,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 352 13 010, K01525

Alternador / Alternator: 352 13 670, 352 13 680, 352 13 690, 352 13 845, 352 13 865, 352 13 970, 352 14 130, 352 14 170, 352 14 560, MB12100R, MB24055R, MB24090R, SC 12100R, SC 24055R, SC 24090R, 352 13 140, 352 13 165, 352 13 300, 352 13 385, 352 13 415, 352 13 455, 352 13 505, 352 13 530, 352 13 540, 352 13 560, 352 13 665, 352 13 675, 352 13 750, 352 13 760, 352 13 790, 352 13 830, 352 14 020, 352 14 230, 352 14 375, 352 14 390, 352 14 395, 352 14 400, 352 14 750, 352 15 080, 352 15 085, 352 15 090, 352 15 095, 352 15 235, 352 15 295, 352 15 350, 352 15 385, UN12100R, UN24090R

Aplicação / Application: **PERKINS, MERCEDES BENZ:** 608 LD, 709 L, 710 L, 912 L, 913 L, 1112, 1114 L, 1215 L, 1322 L, 1517, 1521, 1526, 1615 L, 1620 L, 1630 L, 1935 L, 1938 L, O364, O371, O374, OF1214, OF1215, OF1315, OF1320, OH1114, OH1315, OH1316, OH1318, OH1319, OH1320, OH1419, OH1420, **CUMMINS:** Motor 6BTAA 5.9 / 6CTA 8.3 / B6BT 5.9 / BT 5.9, **FIAT:** Duna 1.6 / 1.7 Diesel, Elba 1.7 Diesel, Fiorino 1.4 / 1.5 / 1.6, Prêmio 1.7 Diesel, Regata 1.4 / 1.6 / 2.0, Strada 1.1 / 1.4, Tipo 1.1 / 1.4, Uno 1.6 / 1.7 Diesel, **FORD:** Cargo 1416 / 1722, F14000, Escort 1.8 AP / 2.0 AP, F100 V8, F150 V8, F1000, Falcon 3.0 / 3.6, Galaxy 1.6 AP / 1.8 AP / 2.0 AP, Taunus 2.0 / 2.3, Versailles, **MASSEY FERGUSON:** Tratores, **RENAULT:** Clio 1.6, Fuego 2.0 / 2.2, R9 1.4 / 1.6, R11 1.4 / 1.6, R12 1.4 / 1.6, R18 1.4 / 1.6 / 2.0 / 2.2, R21 2.0 / 2.2, Trafic 1.4 / 2.0 / 2.1 Diesel / 2.2, **SCANIA:** Ciminhões e ônibus diveros, **VOLKSWAGEN:** Quantum 1.8 AP / 2.0 AP, Santana 1.8 AP / 2.0 AP, Caminhões

Prestolite / Delphi **Equivalente /** Replace



UF - 2.210/2 2 escovas / *brushes*

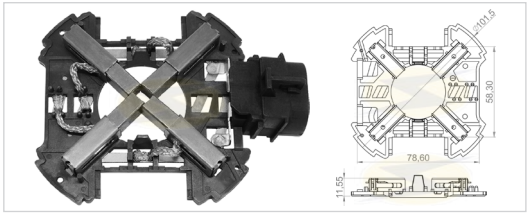
Especificações / Features: **12 / 24V** - Escova / *Brush*: 4,5 x 8 x 18,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 352 13 406, K01455

Alternador / Alternator: 352 13 180, 352 13 400, 352 13 440, 352 13 445, 352 13 450, 352 13 580, 352 13 590, 352 13 650, 352 13 755, 352 13 925, 352 13 930, 352 14 310, 352 14 360, 352 14 430, 352 15 120, 352 15 405, 352 15 435, 352 13 685, 352 13 690, 352 13 725, 352 13 730, 352 14 305, M02409R 12V 55 > 90A, M02409R 24V 55 > 90A

Aplicação / Application: **DEUTZ, PERKINS, RENAULT:** Trafic 2.1 Diesel, Trafic C/ Ar T 352, 6.354 Diesel, R18 2.0 / 2.2, R21 2.1, **AGRALE:** Trator 4100 / 4100.4 / 4230 / 4230.4, **EL DETALLE:** Ônibus diversos, **FORD:** Escort 1.6 CHT / Hobby 1.6, Falcon 2.4, Fiesta 1.4 / 1.8 Diesel, Pampa 1.6, **JOHN DEERE:** Colheitadeiras, **MERCEDES BENZ:** 1112, 1114, 1517, OH1316, OH1319, OH1419, OH1420, **NEW HOLLAND:** Trator TM135 / TM150 / TM165 / TM180 / TS100 / TS110 / TS120, **VALTRA:** Tratores, **VOLKSWAGEN:** Gol 1.6 AE / CHT, Parati 1.6 CHT, Saveiro 1.6 AE / CHT, Voyage 1.6 AE / CHT

Diversos **Equivalente /** Replace



UF - 6.605/4 4 escovas / *brushes*

Especificações / Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

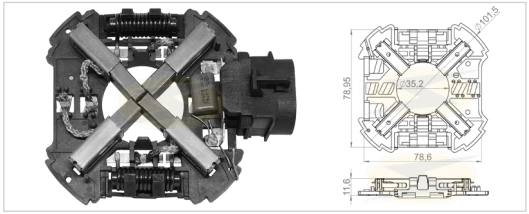
s/ Supressor ruído / ***Without noise suppressor***

Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **RENAULT:** Scénic, Kangoo, 9 A 19, **PEUGEOT:** 405, 306, 205, **FIAT:** Palio , Siena, Uno, Duna, **FORD:** Fiesta, Escort, Sierra, Focus

Diversos **Equivalente /** Replace



UF - 6.606/4 4 escovas / *brushes*

Especificações / Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

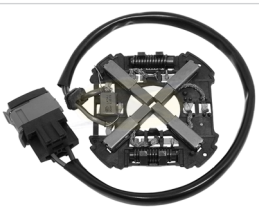
Supressor ruído / ***With noise suppressor***

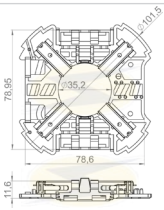
Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **RENAULT:** Scénic, Kangoo, 9 A 19, **PEUGEOT:** 405, 306, 205, **FIAT:** Palio, Siena, Uno, Tempra, Tipo, Duna, **FORD:** Fiesta, Escort, Sierra, Focus 1.8I, **CHEVROLETO-GM:** Meriva

Diversos **Equivalente /** Replace





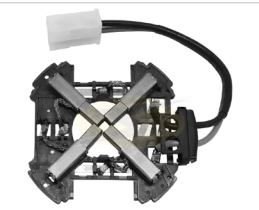
UF - 6.607/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

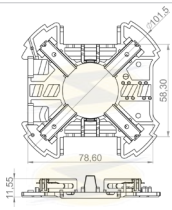
Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **RENAULT, PEUGEOT, FIAT, FORD**

Diversos **Equivalente /** Replace





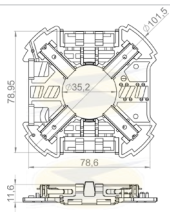
UF - 6.608/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **RENAULT:** 19

Diversos **Equivalente /** Replace



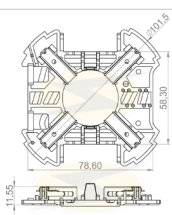
UF - 6.609/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **FIAT:** Palio

Diversos **Equivalente /** Replace



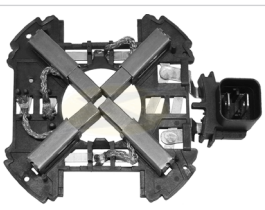
UF - 6.610/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

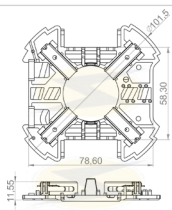
Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **FIAT:** Uno (Diesel), Duna (Gasolina)

Diversos **Equivalente /** Replace





UF - 6.611/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 7 x 8 x 17 mm (L x A x C / *W x H x L)*

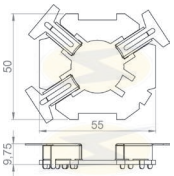
Equivalente / Replace:

Motor / Motor:

Aplicação / Application: **PEUGEOT:** 405

Porta Escovas | **Para Limpadores de Para Brisa**
Brush holders for Windshield Wiper

Bosch **Equivalente /** Replace

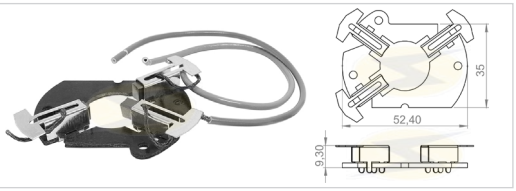


UF - 6.601/3 3 escovas / *brushes* **Especificações /** Features: **12V - Tipo /** *Type:* **CHP -** Escova / *Brush*: 6,3 x 6,3 x 12 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 9 390 082 022

Aplicação / Application: **MERCEDES-BENZ, SCANIA, CHEVROLET - GM:** Chevette, Monza, **FIAT:** 147, **VOLKSWAGEN:** Fusca 1300 / 1500 / 1600, Gol, Santana, Saveiro, Voyage

Bosch **Equivalente /** Replace



UF - 6.602/3 3 escovas / *brushes*

Especificações / Features: **12V -** Escova / *Brush*: 4,5 x 6 x 10,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 9 390 083 018

Aplicação / Application: **CHEVROLET-GM, FORD, VOLKSWAGEN, FIAT:** Uno

Delco **Equivalente /** Replace

UF - 6.603/3 3 escovas / *brushes*

Especificações / Features: **12V -** Escova / *Brush*: 5 x 5 x 11,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Aplicação / Application: **CHEVROLET-GM:** D-20, Monza, Opala

Porta Escovas | Para Direção Elétrica
Brush holders for Electric Power Steering Wheel Pump

Valeo **Equivalente /** Replace

UF - 6.612/4 4 escovas / *brushes*

Especificações / Features: **12V -** Escova / *Brush*: 6 x 12,5 x 20 mm (L x A x C / *W x H x L)*

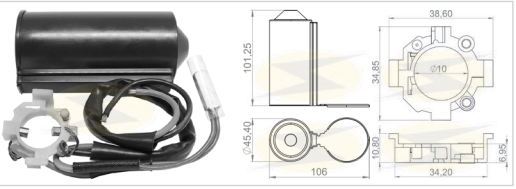
Equivalente / Replace: 7701470783

Motor / Motor: Direção Elétrica / Electric Power Steering Wheel Pump

Aplicação / Application: **CITROEN:** Saxo, **PEUGEOT:** 106, **RENAULT:** Scenic, Clio 1.5 Dci (2001), Clio 1.9d (1998), Kangoo 1.5 Dci (2001), Kangoo 1.9d (1999)

Porta Escovas | Para Levantador de Vidro
Brush holder for Window Lift Motor

Mabuchi/Carto **Equivalente /** Replace



UF - 6.604/2 2 escovas / *brushes*

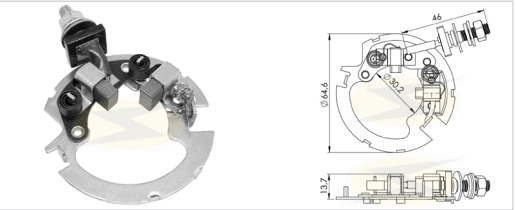
Especificações / Features: **12V**

Equivalente / Replace:

Aplicação / Application: **UNIVERSAL:** Para Lado Direito Ou Esquerdo, Com E Sem Conector / Right Or Left Side, With And Without Connector

Porta Escovas | Para Motor de Partida - Motos
Brush holders for Starters - Motorcycle

Honda **Equivalente /** Replace



UF - 9.901/2 2 escovas / *brushes*

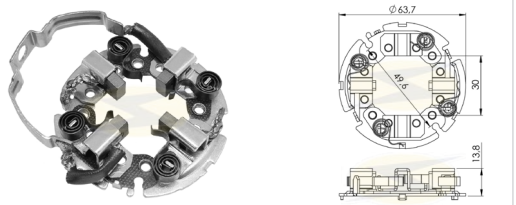
Especificações / Features: **12V -** Escova / *Brush*: 6 x 10 x 13,5 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 31206

Partida / Starter: 901QTY1M9T11

Aplicação / Application: **HONDA:** AX 250, CB 750, CBF 250, CBR 600, CBX 250, CLR 125, CN 250, CRF 230, FES 125, FES 250, FL 400R, NES 125, NSS 250, NX 125, NX 250, NX 350, NX 400, NXR 125, NXR 150, PES 125, SES 125, SH 125, TRX 200, TRX 300, TRX 350, TRX 400, TRX 450, VF 750, VFR 750, XLR 125, XR 125, XR 250, CBX AERO 150, CBX 200, CG TITAN 125, NX 150, NX 200, SAHARA 350, XR 200

Honda / Yamaha **Equivalente /** Replace



UF - 9.902/4 4 escovas / *brushes*

Especificações / Features: **12V -** Escova / *Brush*: 5 x 10 x 12,5 mm (L x A x C / *W x H x L)*

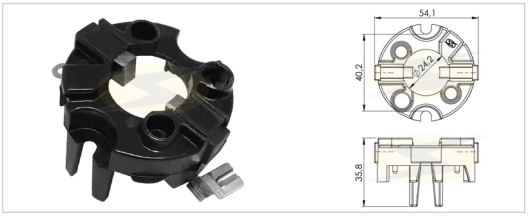
Base 1mm menor que UF-9.904/4 / Base 1mm smaller then UF-9.904/4

Equivalente / Replace: 31206 MMS 008, IVJ 81844 000, **YAMAHA:** 6M6-81840-10

Partida / Starter: 31200MJO006, ZUG 8184000

Aplicação / Application: **HONDA:** CBX 750 - Reparo 31201 Icg7 000, **YAMAHA:** Teneré 1 Farol - Rep. 3 Aj 81801 00, Xv 250 - Virago, Ybr, Jet-Ski / Water Craft (Toda Linha / All Line Wave Runner)

Yamaha **Equivalente /** Replace



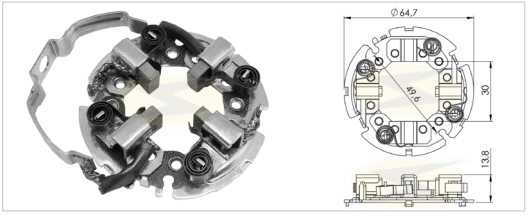
UF - 9.903/2 2 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 6 x 9,5 x 10 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter:

Aplicação / Application: **YAMAHA:** Ybr,

Kawasaki **Equivalente /** Replace



UF - 9.904/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 5 x 10 x 12,5 mm (L x A x C / *W x H x L)*

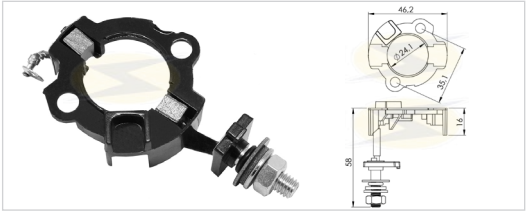
Base 1mm maior que UF-9.902/4 / *Base 1mm bigger then* UF-9.902/4

Equivalente / Replace:

Partida / Starter:

Aplicação / Application: **KAWASAKI:** Jet-Ski / Water Craft, Moto 900 / 1100 Cc, **YAMAHA:** Xt 600, **HONDA:** Shadow

Honda **Equivalente /** Replace



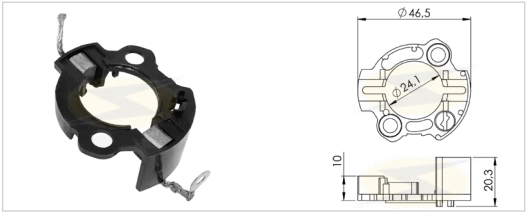
UF - 9.905/2 2 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 6 x 7,5 x 8 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 9 390 083 018

Partida / Starter:

Aplicação / Application: **HONDA:** Cg 150, Biz 125

Honda **Equivalente /** Replace



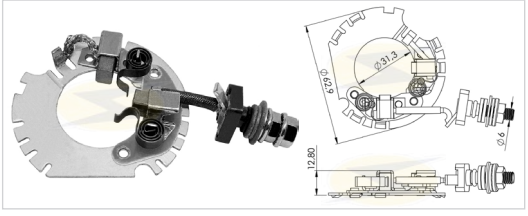
UF - 9.906/2 2 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 6 x 7,5 x 8 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter:

Aplicação / Application: **HONDA:** Biz 100

Nippondenso **Equivalente /** Replace



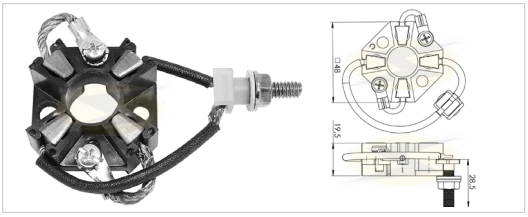
UF - 9.907/2 2 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 6 x 9 x 12 mm (L x A x C / *W x H x L)*

Equivalente / Replace: 028510 0632, 028510 5270

Partida / Starter: 1280002950, 1280004860, 1280004863, 028000 9281, 028000 8410, 128000 2760, 128000 4242, 128000 4630, 128000 4861, 128000 5142, 228000 2780, 228000 4550, 228000 4560, ZX1200 B1, ZX600 E10, ZX1200 B2, ZR1000 A1, ZX600 E11, ZX600 E12, ZX600 E13, ZR1000 A6F, ZR750 K6F, R1000 B7F, ZR1000 B8F, ZX1200 B3, ZR1000 A2, ZX1200 B4, ZR1000 A3, ZR750 K1

Aplicação / Application: **HONDA:** Motor GXV270 / GXV340 / GXV390, **BOMBARDIER SEA-DOO:** Jet Ski / Water Craft, **KAWASAKI**

Diversos **Equivalente /** Replace



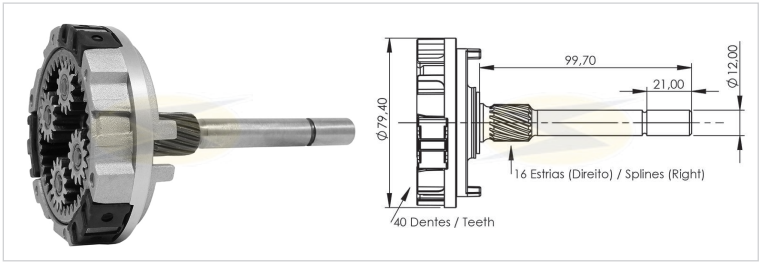
UF - 9.908/4 4 escovas / *brushes* **Especificações /** Features: **12V** - Escova / *Brush*: 4/8 x 10 x 13 mm (L x A x C / *W x H x L)*

Equivalente / Replace:

Partida / Starter: 420888995

Aplicação / Application: **SEA-DOO / BOMBARDIER:** Jet-Ski / Watercraft, Api Marine, **ARCO, MALLORY:** 915027, **MERCURY MARINE, REMY SMALL MOTOR:** Rs41040, **SIERRA MARINE:** 18-5610, **SPIDER MARINE:** 5736, **UNITED TECHNOLOGIES, MERCURY / YAMAHA / MARINER:** Motores De Popa / Outboard Motors (25-300hp)

Bosch **Equivalente /** Replace



UF - 11.003

Tipo / Type: **EV**

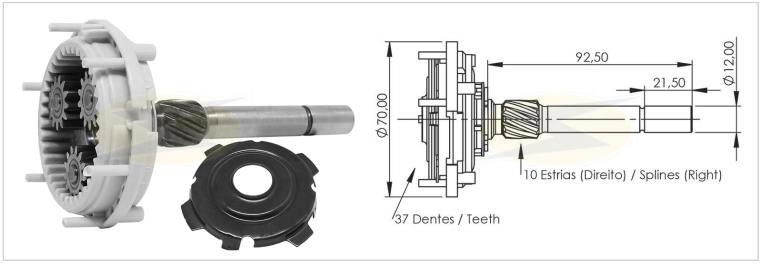
Equivalente / Replace: 6 033 AD0 053

Partida / Starter: 0 001 223 001, 0 001 223 009, 0 001 223 010, 0 001 223 013, 0 001 223 008, 0 001 223 014

Aplicação / Application: **FORD:** F-250 6cc Mwm 6.07 Tca (1999→), **IVECO:** Daily 12 8140 (1997→), **PEUGEOT:** Jumper, Boxer 2.5 Diesel Turbo, Boxer 2.8 D / Intercooler / Turbo / HDi, **CITROEN:** Jumper 2.8 / HDi / T, **FIAT:** Ducato 2.8 D / Turbo Intercooler, Ducato Cargo 2.3 / 2.8 D / 2.8 D Turbo, Ducato Maxi Cargo 2.3, Ducato 10 2.8 Td / Td Egr (1997→2002),

Reparo da planetária / Repair for Planetary: **R-0106, R-0107, R-0128**

Bosch **Equivalente /** Replace



UF - 11.010

Tipo / Type: **DW**

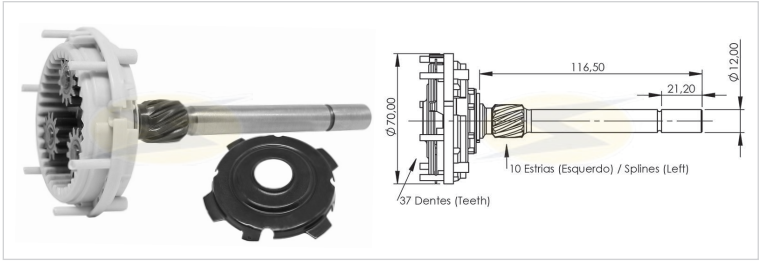
Equivalente / Replace: 1 006 200 110, 1 006 200 042

Partida / Starter: 0 001 107 009, 0 001 107 015, 9 000 081 004, 0 001 107 012, 0 001 107 034, 0 001 107 060, F 000 AL0 116

Aplicação / Application: **ALFA ROMEO:** Alfa 145-1.6ie, **CHEVROLET - GM:** Astra 1.8 MPFi / 1.8i / 2.0 MPFi / 2.0i, Astra Sedan 1.8i / 2.0 MPFi / 2.0 SFi 16V / 2.0i, Blazer 2.2 EFi, Ipanema 1.8 / 1.8 EFi / 2.0 / 2.0 EFi / 2.0 MPFi, Kadett 1.8 / 1.8 EFi / 2.0 EFi / 2.0 MPFi / GS 2.0 / GSi 2.0, Monza 1.6 / 1.8 / 1.8 EFi / 2.0 / 2.0 EFi / 2.0 MPFi, Monza Hatch 1.6 / 1.8 / 2.0, Omega 2.0 MPFi / 2.0i / 2.2 MPFi / 2.2i, Omega Suprema 2.0 MPFi / 2.0i / 2.2 MPFi / 2.2i / 3.0i, S10 2.2 EFi / MPFi, Vectra 2.0 MPFi / 2.0 GSi 16V / 2.2 MPFi, Zafira 2.0 MPFi, **OPEL:** Astra 2.0i, Calibra 2.0i Turbo, Omega 1.8i / 2.0i, Vectra 2.0i 16V

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.015

Tipo / Type: **DW**

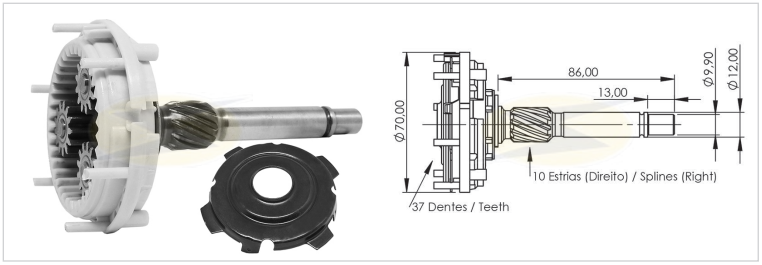
Equivalente / Replace: F 000 AL1 015

Partida / Starter: 9 000 081 001, 9 000 081 002, F 000 AL0 125

Aplicação / Application: **FORD:** Escort 1.6i / 1.8i / 2.0i / 1.6 / 1.8 / 2.0 / 2.0i XR3, Escort Hobby 1.0 / 1.6, Verona 1.6 / 1.8 / 2.0 / 1.8i / 2.0i, **SEAT:** Inca 1.6 Efi, **VOLKSWAGEM:** Logus 1.6 / 1.8 / 2.0 / I / Mi / Pointer 1.8 / 2.0 / I / Mi / Van 1.6 Mi, Polo Classic 1.6 Mi / 1.8 Mi

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.018

Tipo / Type: **DW**

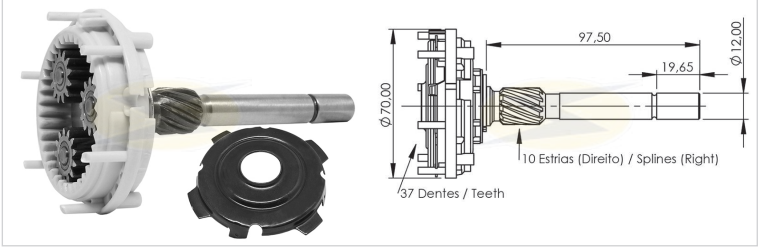
Equivalente / Replace: 1 006 200 123, 1 006 200 018, 1 006 200 022, 1 006 200 131, 1 006 200 056, 1 006 200 010, 1 006 200 005, 1 006 200 001

Partida / Starter: 0 001 108 026, 0 001 108 048, 0 001 108 136, 0 001 108 146, 0 001 108 154, 0 001 108 159, 0 001 109 040, F 005 M00 012, F 005 M00 014, 0 001 108 019, 0 001 108 020, 0 001 108 022, 0 001 108 023, 0 001 108 025, 0 001 108 027, 0 001 108 028, 0 001 108 029, 0 001 108 030, 0 001 108 031, 0 001 108 033, 0 001 108 035, 0 001 108 037, 0 001 108 038, 0 001 108 039, 0 001 108 040, 0 001 108 043, 0 001 108 044, 0 001 108 047, 0 001 108 051, 0 001 108 052, 0 001 108 053, 0 001 108 056, 0 001 108 061, 0 001 108 062, 0 001 108 071, 0 001 108 072, 0 001 108 073, 0 001 108 075, 0 001 108 081, 0 001 108 082, 0 001 108 084, 0 001 108 085, 0 001 108 086, 0 001 108 091, 0 001 108 092, 0 001 108 093, 0 001 108 098, 0 001 108 109, 0 001 108 111, 0 001 108 116, 0 001 108 117, 0 001 108 126, 0 001 108 129, 0 001 108 137, 0 001 108 144, 0 001 108 151, 0 001 108 152, 0 001 108 158, 0 001 108 225, 0 001 111 003, F 000 AL0 124, **FIAT:** 46414831, 60512847, 60655876, 60813460, 60814706

Aplicação / Application: **AUDI:** 100 - 2.2 / 200 - 2.2 Turbo **CITRÖEN:** Berlingo, Xantia, Xm, Xsara, Zx, **PEUGEOT:** 306, 405, 605, 806, Partner **ALFA ROMEO:** Alfa 155 2.0ts, 156 2.5 24V / SW 2.5 24V, 164 3.0 V6 12V / 3.0i.e, 166 3.0 V6 24V, Spider 3.0 V6 12V, **FIAT:** Croma 2.0ie / 16v / Turbo **JEEP:** Cherokee2.5i, **LAND ROVER:** Range Rover I / Ii, **HOLDEN:** Calais 5.0, Caprice 5.0, Statesman5.0, **CHEVROLET-GM:** Omega Importado (Australia) 3.8 / V6, **SAAB:** 9000 2.3 CD Turbo S / 2.3 Turbo 16V

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.019

Tipo / Type: **DW**

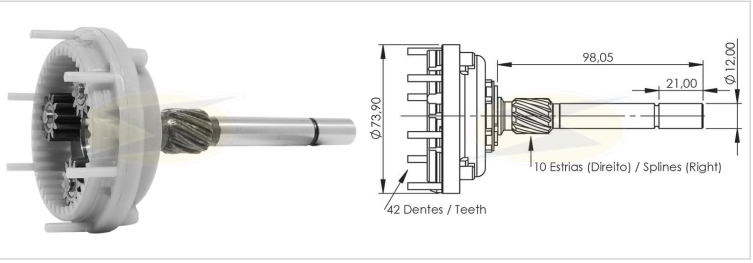
Equivalente / Replace: F 000 AL1 019

Partida / Starter: 9 000 081 006, 9 000 081 007

Aplicação / Application: **FORD:** Royale 1.8i / 2.0 / 2.0i, Versailles 1.8i / 2.0 / 2.0i, **VOLKSWAGEN:** Gol I 1.8 / 2.0 GTi, Gol II 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Gol III 1.8 Mi / 2.0 Mi, Parati I 1.6 / 1.8, Parati II 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Parati III 1.8 Mi / 2.0 Mi, Quantum 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Santana 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Saveiro I 1.8 / 1.8 Mi, Saveiro II 1.6 Mi / 1.8 Mi / 2.0 Mi, Saveiro III 1.6 Mi / 1.8 Mi / 2.0 Mi, Voyage 1.8 / 1.8 Special

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.025

Tipo / Type: **DW**

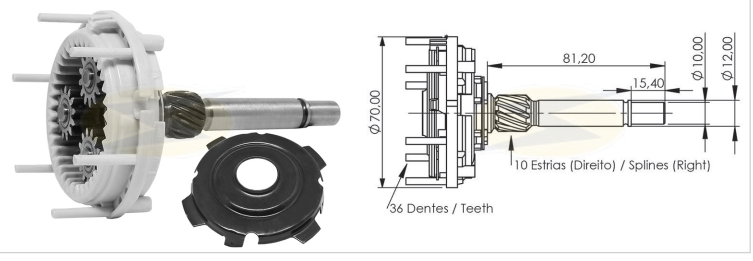
Equivalente / Replace: 1 006 200 015

Partida / Starter: 0 001 110 025, 0 001 109 009, 0 001 110 003, 0 001 110 005, 0 001 110 024, 0 001 110 042, 0 001 110 055, 0 001 110 082, 0 001 110 092, 0 001 110 102, 0 001 110 115, 0 001 110 124, 0 001 110 125

Aplicação / Application: **IVECO, LANCIA , FIAT:** Duna 1.7, Fiorino 1.7 Diesel / Td, Palio Td, Penny Van 1.7 Diesel, Punto 1.7 Diesel / Td, Regata 1.7 Diesel, Ritmo Diesel, Strada 1.7 Td, Tipo 1.7 Diesel, Uno 1.3 Diesel Super / 1.4 / 1.7, **SEAT:** Ibiza 1.7

Reparo da planetária / Repair for Planetary: **R-0122, R-0129**

Bosch **Equivalente /** Replace



UF - 11.029

Tipo / Type:

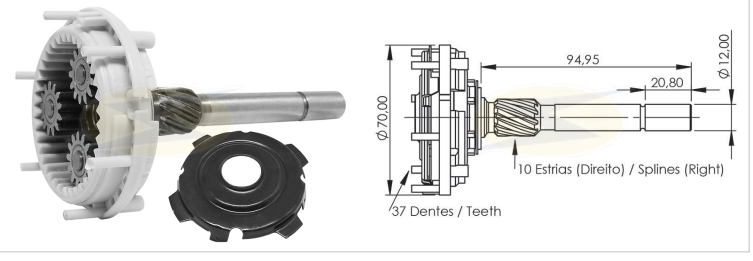
Equivalente / Replace: 2 337 1F4 029

Partida / Starter: 9 008 046 015

Aplicação / Application: **NISSAN**

Reparo da planetária / Repair for Planetary: **R-0060, R-0085, R-0133**

Bosch **Equivalente /** Replace



UF - 11.037

Tipo / Type: **DW**

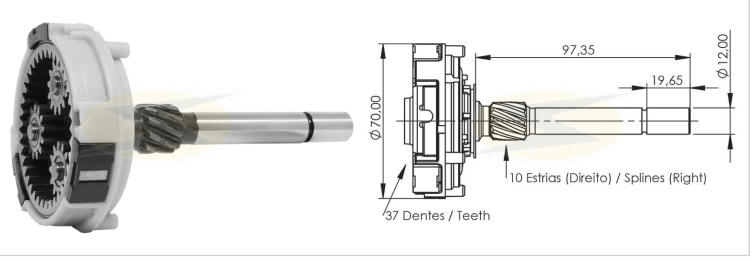
Equivalente / Replace: F 000 AL1 017, F 000 AL1 037

Partida / Starter: 9 000 081 005, 9 000 081 008, F 000 AL0 100

Aplicação / Application: **FIAT:** Tempra 2.0 / Mpi / Spi/ 8v / 16v / Turbo, Palio 1.6 16v ; Palio Weekend1.6 16v / Tempra Turbo 2.0 Mpi 8v

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.039

Tipo / Type: **DW**

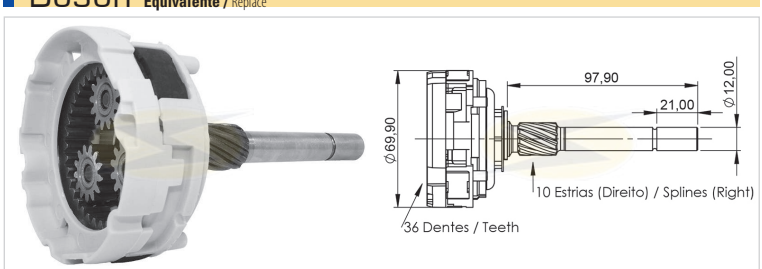
Equivalente / Replace: F 010 AL1 039

Partida / Starter: F 010 AL0 103, F 000 AL0 126

Aplicação / Application: **VOLKSWAGEN:** Transporter Diesel BE (81 - 89), Gol 1.6 D / IV 1.9 D, Kombi 1.6 D, Parati 1.6 D / III 1.8MI / III 1.9 D, Saveiro 1.6 D / III 1.9 D, Passat 1.6 D

Reparo da planetária / Repair for Planetary: **R-0125**

Bosch **Equivalente /** Replace



UF - 11.047

Tipo / Type:

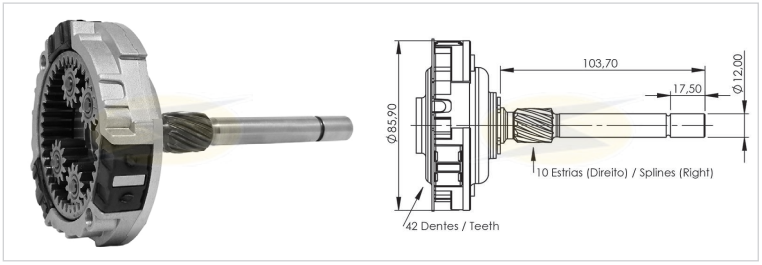
Equivalente / Replace: 1 106 200 047, 1 006 200 047, **CARGO:** 230167

Partida / Starter: 0 001 108 115, 0 001 108 145

Aplicação / Application: **BMW:** 316 1.6 G (1995-1997), 316 1.6 i (1988-1997), 318i 4 Cyl. 1.8L 1796cc (1991-1995), 318is 4 Cyl. 1.8L 1796cc 1991-1995, 318ti 4 Cyl. 1.8L 1796cc (1995), 320i 6 Cyl. 2.0L 1990cc 121cid (1992-1995), 325i 6 Cyl. 2.5L 2494cc 152cid (1992-1995), 325is 6 Cyl. 2.5L 2494cc 152cid (1992-1995), 328i 6 Cyl. 2.8L 2793cc (1996), 525i 6 Cyl. 2.5L 2494cc 152cid (1991-1995), 525iT 6 Cyl. 2.5L 2494cc 152cid (1993), M3 6 Cyl. 3.0L 2990cc (1994-1995)

Reparo da planetária / Repair for Planetary: **R-0061, R-0062**

Bosch **Equivalente /** Replace



UF - 11.056

Tipo / Type: **EV**

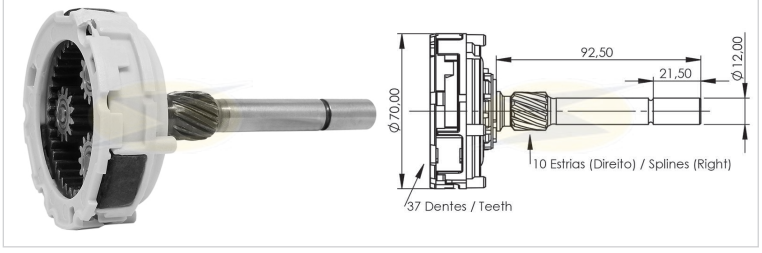
Equivalente / Replace: 9 001 337 056, 9 003 336 268, 1 006 200 050, 9 001 337 087

Partida / Starter: 0 001 218 108, 0 001 218 137, 0 001 218 165, 0 001 218 722, 9 000 331 419, 0 001 218 016, 0 001 218 021, 0 001 218 109, 0 001 218 110, 0 001 218 150, 0 001 218 156, 0 001 218 160, 0 001 219 007, 0 001 219 009, 0 001 219 013, 0 001 219 015

Aplicação / Application: **MERCEDES BENZ:** 250 D Turbo Diesel, 300 D Turbo, Classe S600 Sec. V12 / S 600 (Motor 120-982) 09.1996>08.1999, 600 Sel. (Motor 120.980) 04.1991>05.1993, S600 (Motor 120.980) 06.1993>09.1995. Série Mb 100d (Motor Om 616.963) 09.1991>01.1996, Mb 180d (Motor 616) 04.1994>, **SSANG YONG:** Musso 2.9 Diesel (Motor Om 662 D29) 07.1993>

Reparo da planetária / Repair for Planetary: **R-0109, R-0112, R-0123, R-0130**

Bosch **Equivalente /** Replace



UF - 11.058

Tipo / Type: **DW**

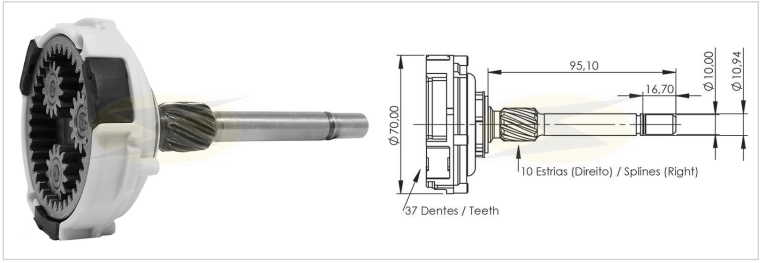
Equivalente / Replace: 1 006 200 058, 1 006 200 103

Partida / Starter: 0 001 107 045, 0 001 107 145, 0 001 107 017, 0 001 107 018, 0 001 107 044, **CHEVROLET - GM:** 90512189, 90518627

Aplicação / Application: **CHEVROLET-GM:** Calibra 2.0i 16v– 09/93 > 08/96, Astra 2.0i, 01/95 >02/98, Astra Sedan 2.0i 16v – 02/99>07/01, Vectra 2.0 16v 04/96>11/97, Zafira 2.0 Sfi 16v 04/01>

Reparo da planetária / Repair for Planetary: **R-0055, R-0094, R-0125**

Bosch **Equivalente /** Replace



UF - 11.059

Tipo / Type: **DW**

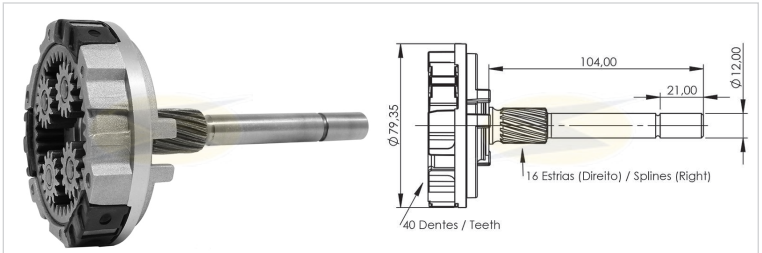
Equivalente / Replace: 1 006 200 059, 1 006 200 098

Partida / Starter: 0 001 108 123, 0 001 108 124, 0 001 108 134, 0 001 108 160, 0 001 108 995, 0 001 107 403

Aplicação / Application: **MERCEDES-BENZ:** C 180 / Tmodell/ 200 / 220 / 230, Clk 230 K.P, E 230, Ml 230, Slk 230 K.R, 124-200e, **CHRYSLER:** Daytona 2.5i Turbo GS, Grand Voyager III 2.4, Grand Voyager IV 3.3 V6, LeBaron 2.2i / 2.2i Turbo / 2.5i / 2.5i Turbo / 2.5i / 3.3i / 3.8i AWD, Voyager II 3.3 V6, Voyager III 2.4 AWD / 2.4i GS, Dodge Dakota 2.5 D ; Grand Caravan 2.5, Voyager 2.5/3.3 / 3.6, **DODGE:** Caravan III 2.4 / 3.3 / 3.8 AWD

Reparo da planetária / Repair for Planetary: **R-0061, R-0086**

Bosch **Equivalente /** Replace



UF - 11.063

Tipo / Type: **EV**

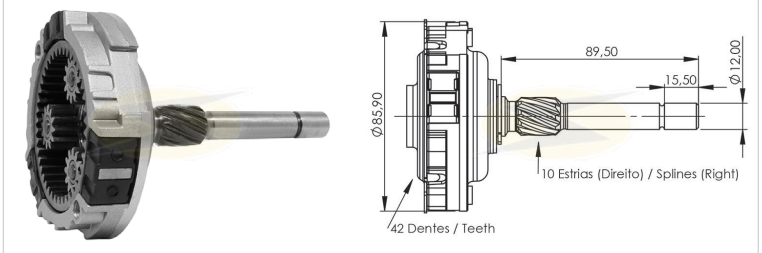
Equivalente / Replace: 6 033 AD0 063

Partida / Starter: 0 001 223 002 , 0 001 223 003, 0 001 223 007, 0 001 223 016, 0 001 223 021, 0 001 223 024, **IVECO:** 48498717, 500307724 504201467, 92901859

Aplicação / Application: **IVECO:** Daily 35 / 50 C / S (Motores / Engines 9 8140.63.4000 / 9 8140.63.4030 / 9 8140.63.4000 / 9 8140.63.4020 / S 9 8140.63.4030, 11 8140.43c / 13 8140.43s / 11 8140.43c / 13 8140.43s / 11 8140.43c / 13 8140.43s), **DEUTZ:** Motores Marítimos / Marine Engines Bf4l1011 (2.71l––2.732cc), F2l1011 (1.4l-1366cc), F3l1011 (2.0l-2049cc), F4l1011 (2.7l-2732cc), **KHD:** Motores / Engines F2l1011 (1.4l-1366cc) 1995, F3l1011 (2.0l-2049cc) 1995, F4l1011 (2.7l-2732cc) 1995, **THOMAS EQUIPMENT:** Mini Carregadeiras / Skid Steers T243 Motor / Engine Deutz Bf4m1011f Dsl (1997-2000)

Reparo da planetária / Repair for Planetary: **R-0106, R-0107, R-0128**

Bosch **Equivalente /** Replace



UF - 11.067

Tipo / Type: **EV**

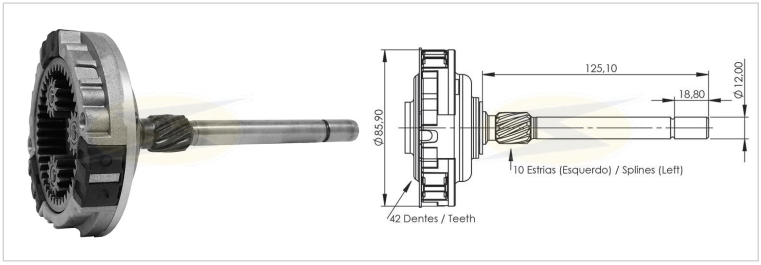
Equivalente / Replace: 9 001 337 067, 9 001 336 285

Partida / Starter: 9 000 331 406, 9 000 331 411

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra - Ii(Sohc) 1.8/2.0/2.2 - 8v > 03/2001, **NISSAN:** Serena 2.0 D, Trade 2.3 D, Vanette 2.0 D

Reparo da planetária / Repair for Planetary: **R-0109, R-0110, R-0121, R-0123**

Bosch **Equivalente /** Replace



UF - 11.073 **Tipo /** Type: **EV**

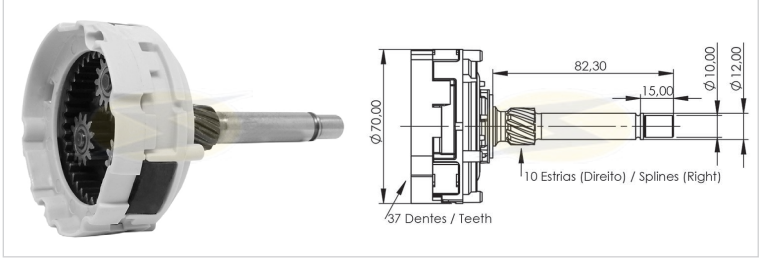
Equivalente / Replace: 9 001 337 073, 9 003 336 265

Partida / Starter: 0 001 218 116, 0 001 218 117

Aplicação / Application: **VOLKSWAGEN:** Multivan 2.5, Transporter 1.9 TD / 2.5 / 2.5 TD / 2.5 TDi / 2.8 VR6, Transporter 2.4d, Syncro (90-94)

Reparo da planetária / Repair for Planetary: **R-0109, R-0110, R-0121, R-0123**

Bosch **Equivalente /** Replace



UF - 11.079 **Tipo /** Type:

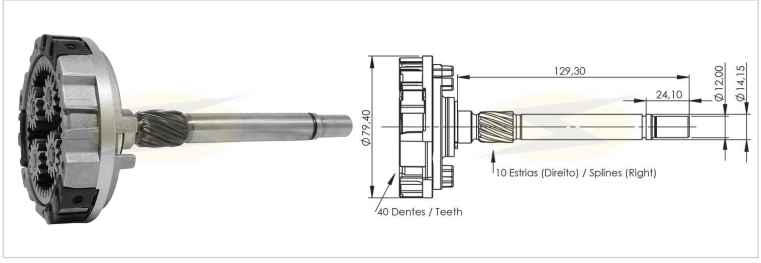
Equivalente / Replace: 1 006 200 929

Partida / Starter: 0 001 115 079, 0 001 115 078, 55832949, 51832949, 51 832 949 A 152

Aplicação / Application: **FIAT:** Ducato 2.3 Multijet, **PEUGEOT:** Boxer, **CITROEN:** Jumper Multijet Diesel 2010>

Reparo da planetária / Repair for Planetary: **R-0124, R-0125**

Bosch **Equivalente /** Replace



UF - 11.090 **Tipo /** Type: **EV**

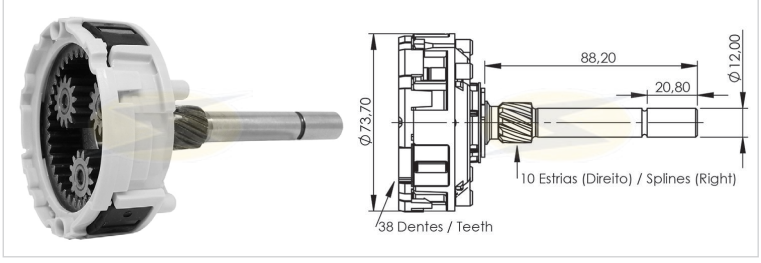
Equivalente / Replace: 6 033 AD0 090, 6 033 AD0 108, 6 033 AC0 252

Partida / Starter: 0 001 223 505, 0 001 223 500, 0 001 223 501, 0 001 223 502, 0 001 223 503, 0 001 223 504

Aplicação / Application: **FORD:** F-250 / F-350 / F-4000 4cc CUMMINS 4BTAA (98->)

Reparo da planetária / Repair for Planetary: **R-0106, R-0107, R-0128**

Bosch **Equivalente /** Replace



UF - 11.099 **Tipo /** Type:

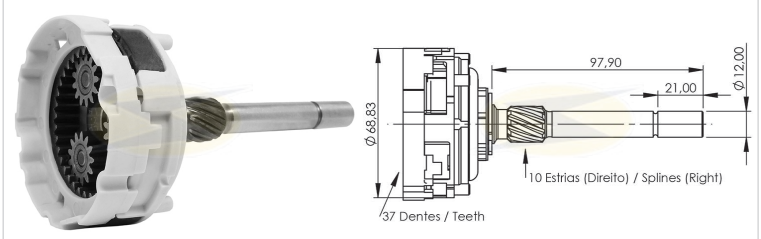
Equivalente / Replace: 1 006 200 099, 1 006 200 096, F 010 AL1 012

Partida / Starter: 0 001 110 112, F 002 G20 524, 0 001 109 025, 0 001 109 028, 0 001 109 030, 0 001 109 031, 0 001 109 033, 0 001 109 041, 0 001 109 042, 0 001 109 061, 0 001 109 200, 0 001 109 252, 0 001 109 253

Aplicação / Application: **SSANGYONG:** Musso 3.2i, **MERCEDES-BENZ:** Classe C 36 AMG / 280, Classe E 280 / 320, Classe S 280 / 320, Classe SE 300, Classe SL 280 / 320, 140-Serie 300 SE, SL-Klasse [129] SL 320, E-Klasse [210] E 320, E-Klasse [124] T-Modell E 320 T / E 280 T, C-Klasse [202] C 36 AMG / C 280, 140-Serie 300 SE, **MAHINDRA:** Scorpio Pick-up 2.6 CRDe, Scorpio SUV 2.6 CRDe

Reparo da planetária / Repair for Planetary: **R-0075, R-0076, R-0079**

Bosch **Equivalente /** Replace



UF - 11.104 **Tipo /** Type: **DW**

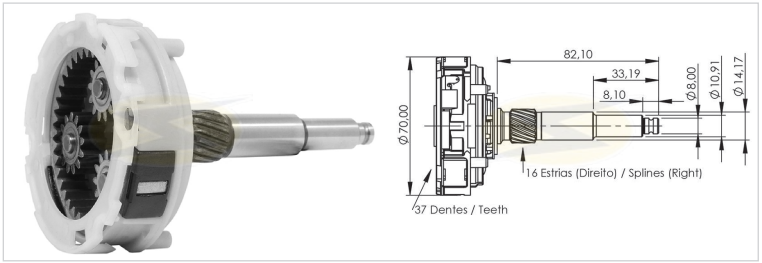
Equivalente / Replace: 1 006 200 104, 1 006 200 134, 1 006 200 903, 1 006 200 049, 1 006 200 048, 1 006 200 017

Partida / Starter: 0 001 107 048, 0 001 108 064, 0 001 108 080, 0 001 108 088, 0 001 108 101, 0 001 108 102, 0 001 108 113, 0 001 108 121, 0 001 108 143, BOSCH: 0 001 108 003, **BMW:** 12411720642, 12411726504, **MERCEDES BENZ:** 0031512801

Aplicação / Application: **MERCEDES-BENZ:** E 190 2.3, 124 - 230 E, BMW: 325 I, 525 I, **CHEVROLET-GM:** Omega 3.0i/4.0i, Suprema 3.0i/4.0i, Omega 3.0 MPFi, Omega Suprema 3.0 MPFi, C20; Silverado 4.1, **OPEL:** Omega 2.4 I / 2.6 I / 3.0 I / Evolution 500 / 3.6i, **VOLVO:** 740 2.0 Injection, 940 2.3turbo, 960 2.3 Turbo Interc, **AUDI:** 80 2.2 RS2, 80 2.6 / 2.8, 80 2.2 Quattro S2, 80 quattro 2.6, 100 2.8, A6 2.6 / 2.8, S4 2.2, S6 2.2 T, S6 2.2 T, **FORD:** Escort 1.6i 16v / Cabrio / Turnier / Xr3i, Escort 1.6i 16V XR3i, Escort 1.8i 16V, Escort 1.8i 16V XR3, Mondeo 1.8i / 2.0i, **RENAULT:** Clio2.0i Wiliams, Laguna 2.0 I, **FIAT:** Brava 1.9 ELX JTD, Fiorino Furgão 1.7 Diesel, Marea 1.9 ELX JTD, Marea Weekend 1.9 ELX JTD, Palio 1.7 SX Turbo Diesel, Palio ELX Turbo Diesel, Palio EX Turbo Diesel, Palio Weekend ELX Turbo Diesel, Siena ELX Turbo Diesel, Siena EX Turbo Diesel, Stilo 1.9 JTD, Strada 1.7 Turbo Diesel

Reparo da planetária / Repair for Planetary: **R-0061, R-0062, R-0087**

Bosch **Equivalente /** Replace



UF - 11.108

Tipo / Type:

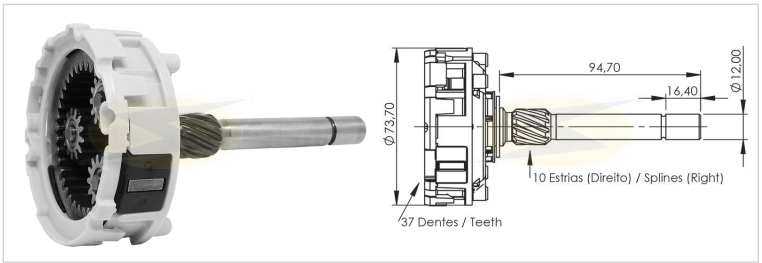
Equivalente / Replace: 1 006 200 108

Partida / Starter: 0 001 121 001, 0 001 121 002, **VOLKSWAGEN:** 001911023

Aplicação / Application: **SEAT:** Arosa 1.4, Cordoba 1.4 16V, Ibiza 1.4 16V, Inca 1.6 i, **SKODA:** Fabia 1.4 16V, **VOLKSWAGEN:** Lupo 1.4, Polo 1.4, Polo 1.4 16V, Polo 1.6, Polo 1.6 GTi 16V

Reparo da planetária / Repair for Planetary: **R-0125**

Bosch **Equivalente /** Replace



UF - 11.111

Tipo / Type: **LT**

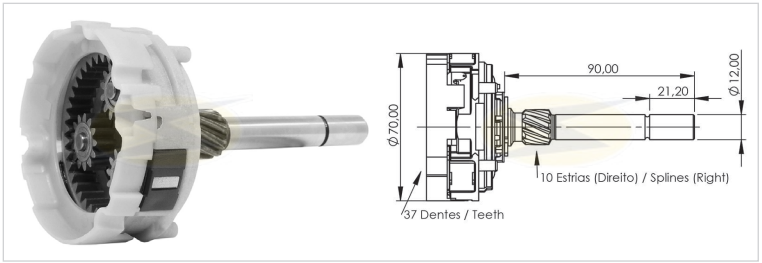
Equivalente / Replace: F 000 AL1 974

Partida / Starter: F 000 AL0 111, F 000 AL0 130, **TOYOTA:** 281000L072

Aplicação / Application: **TOYOTA:** Hilux / SW4 D4D 2.5/ 2.8/ 3.0 Diesel (2006->), **FORD:** F-250

Reparo da planetária / Repair for Planetary: **R-0075, R-0078, R-0079**

Bosch **Equivalente /** Replace



UF - 11.116

Tipo / Type:

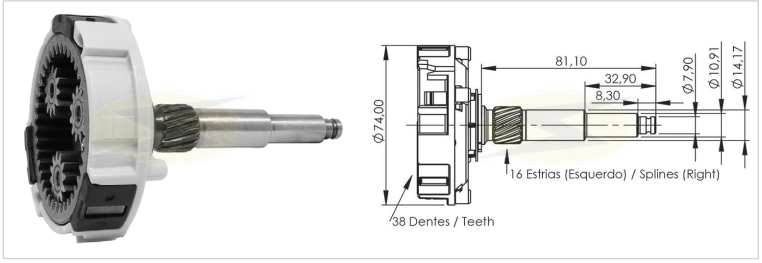
Equivalente / Replace: 1 006 200 116

Partida / Starter: 0 001 108 166, 0 001 108 189, 0 001 110 100, 0 001 110 113, 0 001 110 039, 0 001 108 173, 0 001 108 174, 0 001 108 175, **VOLVO:** 8502085, 8602103, 8602104

Aplicação / Application: **RENAULT:** Safrane 1.9 / 2.5 (1996-2000), **VOLVO:** S70 2.0 / 2.3 / 2.4 / 2.5, 850 2.0 / 2.3 / 2.5, C70 2.0 / 2.3 / 2.4 / 2.5, S40 1.6 / 1.8 / 1.9 / 2.0, S60 2.0 / 2.3 / 2.4 / 2.5, S80 2.0 / 2.4 / 2.5, V40 1.6 / 1.8 / 1.9 / 2.0, V70 2.0 / 2.3 / 2.4 / 2.5, XC70 2.4 / 2.5, XC90 2.5 Turbo (2002->), **AUDI:** A4 2.4 / 2.6 / 2.7 / 2.8 / 3.0, A6 2.4 / 2.6 / 2.7 / 2.8 / 3.0, A8 2.8 / 3.0, Allroad 2.7 / 4.2, S4 2.7 Turbo (2000-2002), RS4 2.7, S4 2.7, A6 4.2 Quattro / Avant, A8 4.2 Quattro, RS6 4.2 Quattro / Avant, S6 4.2 Quattro / Plus, S8 4.2 Quattro, **SKODA:** Superb 2.8 V6 (2001->), **VOLKSWAGEN:** Passat 2.8 (1996-2002), Passat 2.8 4-Motion (1999-2005), Passat 2.8 Syncro 4-Motion (1996-2000)

Reparo da planetária / Repair for Planetary: **R-0124, R-0125**

Bosch **Equivalente /** Replace



UF - 11.117

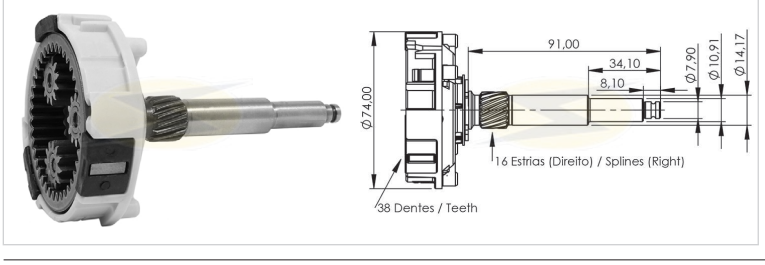
Tipo / Type:

Equivalente / Replace: 1 006 200 117, 2 2363 0

Partida / Starter: 0 001 125 001, 0 001 125 002, 0 001 125 005, 0 001 125 006, 0 001 125 007, 0 001 125 008, 0 001 125 009, 0 001 125 010, 0 001 125 012, 0 001 125 013, 0 001 125 021, 0 001 125 022, 0 001 125 031, 0 001 125 032, 0 001 125 035, 0 001 125 036, 0 001 125 042, 0 001 125 043, 0 001 125 051, 0 001 125 052, **FORD:** 1M2111000AA, **MERCEDES BENZ:** 0041518701, **VOLKSWAGEN:** 020911012P, 020911023D, 020911023H, 020911023P, 020911023X, 02A911023R, 02A911024D, 02B911023D, 02T911023D, 02T911023H, 97VW11000BA, 97VW11000GA

Aplicação / Application: **AUDI:** A2, A3, S3 1.9 Tdi, **FORD:** Galaxy 1.9 / 2.0 / 2.3 / 2.8 Tdi / Vr6. **SEAT:** Alhambra, Cordoba, Ibiza Ii, Leon, Toledo 1.7d/ 1.9d/ Td/ Tdi/ Sdi/ V5, **SKODA:** Fabia, Octavia 1.4tdi/ 1.9 Sdi / Tdi, Tdi, Mb: V280, **VOLKSWAGEN:** Bora, Candyii, Cabrio, Corrado, Eurovan, Golf , Jetta, New Beetle, Passat, Polo, Sharan – Motores/ Engines 1.4/ 1.5d /1.6d /1.8gti / 1.9 Sdi /Tdi / V5 / V6 / 2.8 Vr6 / 2.9 Vr6, Transporter 1.2/ 1.5 / 1.6 / 1.9td / 2.4d / 2.5 / 2.5 Syncro / Tdi / 2.8 Vr6, Vento 1.9d / Sdi / Td / Tdi / Vr6 - **Reparo da planetária /** Repair for Planetary: **R-0079, R-0108**

Bosch **Equivalente /** Replace



UF - 11.118

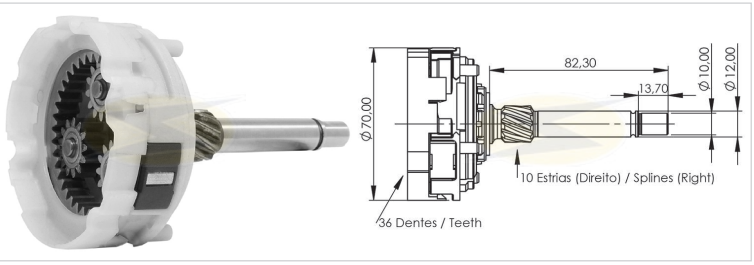
Tipo / Type:

Equivalente / Replace: 1 006 200 118, 2 2364 0, 1 006 200 109, 1 006 200 100

Partida / Starter: **BOSCH:** 0 001 124 007, 0 001 124 008, 0 001 124 011, 0 001 124 012, 0 001 124 022, 0 001 124 023, 0 001 124 024, 0 001 124 025, 0 001 125 003, 0 001 125 004, 0 001 125 009, 0 001 125 010, 0 001 125 039, 0 001 125 040, 0 001 125 617, 0 001 125 618 **VOLKSWAGEN:** 085911023A

Aplicação / Application: **AUDI:** A2 1.2 TDi (2003->), **SEAT:** Arosa 1.7 SDi (1997-2003), Ibiza 1.7 SDi (1997-1999), Cordoba 1.9 TDi (1996-2002), Ibiza 1.9 TDi (1996-1999), Toledo 2.3 V5 (1998-2006), **VW:** Lupo 1.2 TDi 3L (2000-2005), Lupo 1.7 SDi (1998-2005), Polo 1.6 GTi 16V (1997-1999), Polo 1.7 SDi (1997-2001), Polo 1.9 Diesel (1994-2001), Polo 1.9 SDi (1999-2001), Bora 2.3 V5 (1998-2005), Bora 2.3 V5 4-Motion (1998-2005), CoRado 2.9 VR6 (1991-2005), Golf III 2.8 VR6 (1992-1997), Golf III 2.9 VR6 Syncro (1994-1997), Golf IV 2.3 V5 (1997-2001), Golf IV 2.3 V5 4-Motion (1997-2001), New Beetle 2.3 V5 (2000->), Passat 2.8 VR6 (1991-1997), Passat 2.9 VR6 Syncro (1994-1997), Sharan 2.8 VR6 (1995-2000), Sharan 2.8 VR6 Syncro (1996-2000), Vento 2.8 VR6 (1992-1997), Jetta IV 2.3 i (1999-2001), **FORD:** Galaxy 2.8 i (1995-2000), Galaxy 2.8 i 4x4 (1996-2000) - **Reparo da planetária /** Repair for Planetary: **R-0079, R-0108**

Bosch **Equivalente /** Replace



UF - 11.120

Tipo / Type: **DW**

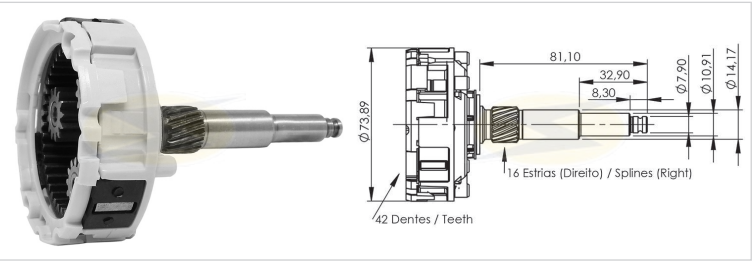
Equivalente / Replace: 1 006 200 120

Partida / Starter: 0 001 115 008, 0 001 108 167, 0 001 115 020, 0 001 115 040, 0 001 115 041, **MERCEDES BENZ:** 0051511601, A0051511601

Aplicação / Application: **VOLKSWAGEN, FIAT, MERCEDES BENZ:** A 160, A 170, Vaneo 1.7 Cdi, **VOLVO:** 850 2.5, C70, S40, S60, S70 , S80, V40, V70, XC70, XC90, **RENAULT:** Safrane 1.9 16V / 2.5 20V

Reparo da planetária / Repair for Planetary: **R-0126**

Bosch **Equivalente /** Replace



UF - 11.122

Tipo / Type:

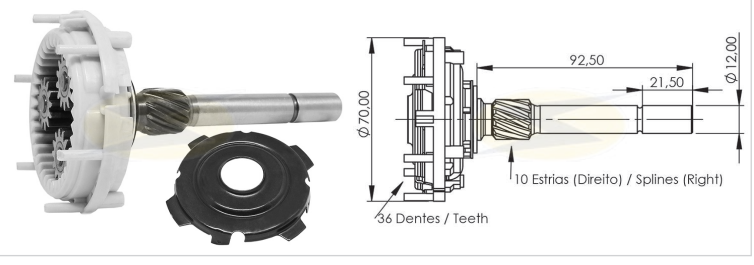
Equivalente / Replace: 1 006 200 122, 2 235 0

Partida / Starter: 0 001 125 042, 0 001 125 011

Aplicação / Application: **SEAT:** Alhambra/ Cordoba 1.9 Tdi (97-01), **VOLKSWAGEN:** Transporter 1.9 Diesel Turbo / 2.4 Diesel, Transporter California 1.9 Diesel Turbo, Transporter Caravelle 1.9 Diesel Turbo, Transporter Multivan 1.9 Diesel Turbo, Golf 1.9 Tdi (97-01)

Reparo da planetária / Repair for Planetary: **R-0075, R-0079, R-0105**

Bosch **Equivalente /** Replace



UF - 11.123

Tipo / Type: **DW**

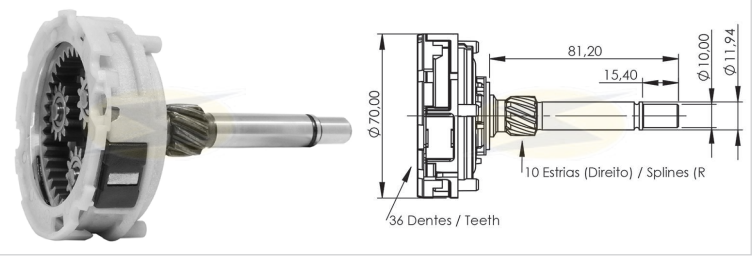
Equivalente / Replace: 1 006 200 121

Partida / Starter: 0 001 107 056, 0 001 107 100, 0 001 107 101, 0 001 107 108

Aplicação / Application: **ALFA ROMEO, AUDI, CITROEN, LANCIA, OPEL, PEUGEOT, RENAULT, SEAT, VAUXHALL,VOLKSWAGEN, CHEVROLET-GM:** Vectra 2.0 / 2.2 16V

Reparo da planetária / Repair for Planetary: **R-0058, R-0083, R-0133, R-0138**

Bosch **Equivalente /** Replace



UF - 11.125

Tipo / Type: **DW**

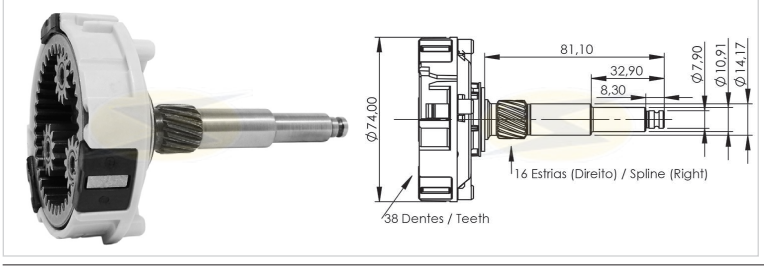
Equivalente / Replace: 1 006 200 125

Partida / Starter: 0 001 107 082, F 042 002 016, **FORD:** 1030151, 97KB11000AA, 97KB11000AB, 97KB11000AC

Aplicação / Application: **FORD:** Courier 1.3i (97-99), Fiesta 1.0i, Fiesta 1.3i (96-99), Ka 1.0i (97-99), Ka 1.3i (97-99)

Reparo da planetária / Repair for Planetary: **R-0055, R-0090**

Bosch **Equivalente /** Replace



UF - 11.126

Tipo / Type:

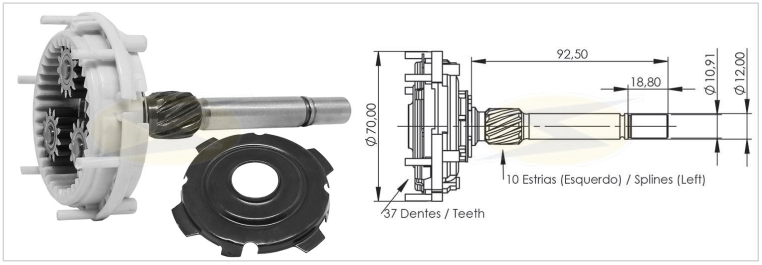
Equivalente / Replace: 1 006 200 126, 2 2366 0

Partida / Starter: 0 001 125 055, 0 001 125 056, 0 001 125 501, 0 001 125 502, 0 001 125 503, 0 001 125 504, 0 001 125 507, 0 001 125 508, 0 001 125 511, 0 001 125 512

Aplicação / Application: **VOLKSWAGEN:** LT 2.5 TD (99-), LT 2.5 TD 4X4 (85-01), LT 28-35 2.5 TDi (1996-2006), LT 40-55 2.5 TDi (1996-2001), Crafter 30-35 2.5 TDi (2006->), Crafter 30-50 2.5 TDi (2006->)

Reparo da planetária / Repair for Planetary: **R-0079, R-0108**

Bosch **Equivalente /** Replace



UF - 11.128

Tipo / Type: **DW**

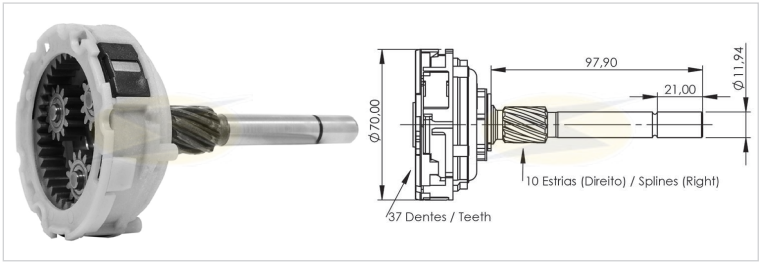
Equivalente / Replace: 1 006 200 128, 1 006 200 043, F 000 AL0 128

Partida / Starter: 0 001 107 007, 0 001 107 008, 0 001 107 020, 0 001 107 021, 0 001 107 052, 0 001 107 053, **FORD:** 95VW11000BA, 95VW11000BB, **VOLKSWAGEN:** 20911023, 020911023A, 020911023N

Aplicação / Application: **FIAT:** Tempra 2.0 I.E. S.W, Tipo 1.8 / 2.0 / I.E. / 16v, **VOLKSWAGEN:** Golf III 1.8i, Golf GTi 2.0, Golf 1.8 / Ii1.8 e Iii 1.8, Passat (Import) 2.0, **AUDI:** A3 1.8 / 1.8t, **SEAT:** Alhambra 1.8 Turbo / 2.0, CityGolf 1.6, Cordoba 1.6 / 1.8 / 1.8 16V / 2.0, Ibiza 1.8

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.132

Tipo / Type: **DW**

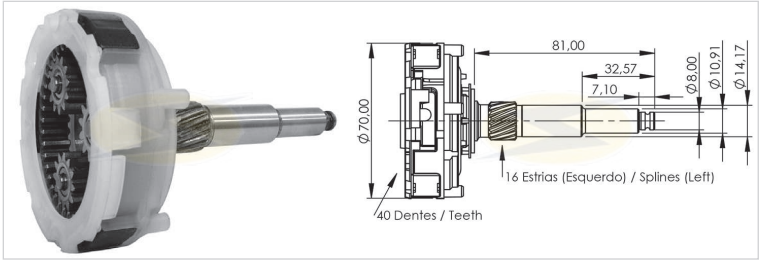
Equivalente / Replace: 1 006 200 132, 1 006 200 057

Partida / Starter: 0 001 107 016, 0001107014, **FORD:** 93BB11000CA, 93BB11000CB

Aplicação / Application: **FORD:** Escort 1.8i Zetec / 16V Zetec, Mondeo 1.8i / 2.0 i / 2.0 i Turnier / NGA, Focus 1.8 i 16V / 2.0 / 2.0 16V

Reparo da planetária / Repair for Planetary: **R-0127, R-0131**

Bosch **Equivalente /** Replace



UF - 11.137

Tipo / Type:

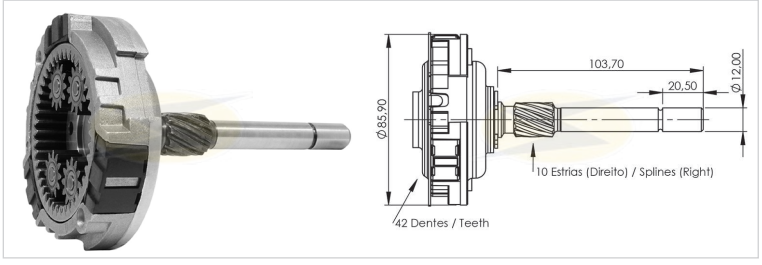
Equivalente / Replace: 1 006 200 137

Partida / Starter: 0 001 121 006, 0 001 121 007, 0 001 121 008, 0 001 121 009, 0 001 121 016, 0 001 121 017, 0 001 121 018, 0 001 121 019, 0 001 121 024, 0 001 121 025, 0 001 121 026 , 0 001 121 027, 0 001 121 028, 0 001 121 029

Aplicação / Application: **AUDI:** A3 1.6 / 1.8 / 1.8 T, TT 1.8 T Coupe / Roadster, **SEAT:** Ibiza1.6 / 1.8, Cordoba 1.6 / 1.8 T Cupra / Vario 1.6, **VOLKSWAGEN:** Bora 2.0, Golf 2.0 Cabriolet / III 1.8 / III 2.0 / IV 1.6 / IV 1.8 / IV 2.0, New Beatle, Passat 2.0 Variant, Polo 2.0 / 1.8.

Reparo da planetária / Repair for Planetary: **R-0143, R-0144**

Bosch **Equivalente /** Replace



UF - 11.138

Tipo / Type: **EV**

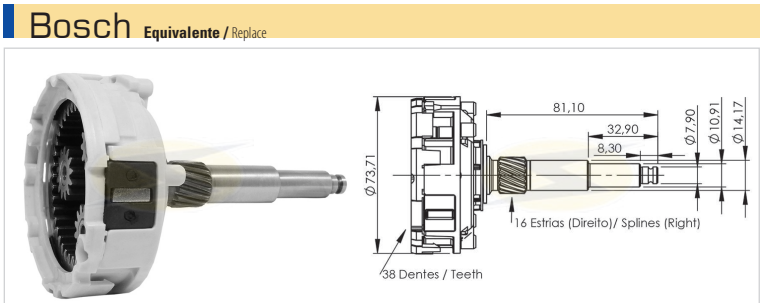
Equivalente / Replace: 9 001 337 058, 9 003 336 299

Partida / Starter: 6033 AB1 J00, 0 001 218 138, 0 001 218 140, 9 003 336 296, 9 003 336 299, 9 003 337 014, 0 001 218 007, 0 001 218 012, 0 001 218 014, 0 001 218 017, 0 001 218 018, 0 001 218 019, 0 001 218 022, 0 001 218 023, 0 001 218 024, 0 001 218 027, 0 001 218 102, 0 001 218 103, 0 001 218 118, 0 001 218 129, 0 001 218 151, 0 001 218 154, 0 001 218 164, 0 001 218 167, 0 001 219 004, 0 001 219 008, 0 001 219 011, 0 001 219 012, 0 001 219 014, 9 000 331 401, 9 000 331 402, 9 000 331 405, 9 000 331 407, 9 000 331 408, 9 000 331 409, 9 000 331 412, 9 000 331 413, 9 000 331 414, 9 000 331 415, 9 000 331 417, 9 000 331 418, 9 000 331 426, 9 000 331 427, 9 000 332 401, 9 000 332 402

Aplicação / Application: **FIAT, RENAULT, MARCOPOLO:** Volare, **MERCEDES-BENS:** SL-Klasse Classe SL - S, Sprinter 310 D / OM 014 A - 312 D / OM 014 LA

Reparo da planetária / Repair for Planetary: **R-0109, R-0112, R-0123, R-0130**

Bosch **Equivalente /** Replace



UF - 11.143

Tipo / Type:

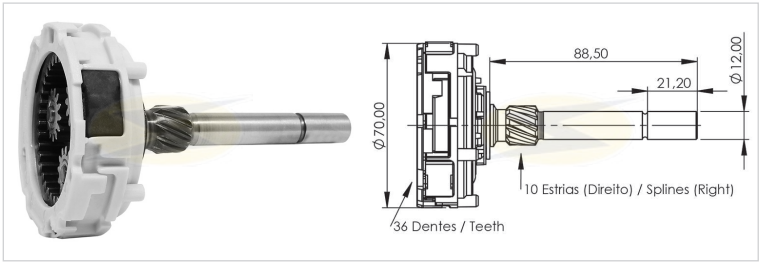
Equivalente / Replace: 1 006 200 143, 2 2367 0

Partida / Starter: 0 001 123 001, 0 001 124 015, 0 001 125 025, 0 986 022 470, F 002 G20 658

Aplicação / Application: **PORSCHE:** Boxster (96-04) 2.5/ 2.7/ 3.2, 911 Carrera / Carrera 3.6, 912, 996, 997, Gt3, Cayenne 2002, **JOHN DEERE:** 5045D, 5045E, 5055D, 5055E, 5065E, 5075E

Reparo da planetária / Repair for Planetary: **R-0075, R-0076, R-0079**

Bosch **Equivalente /** Replace



UF - 11.145

Tipo / Type: **DW**

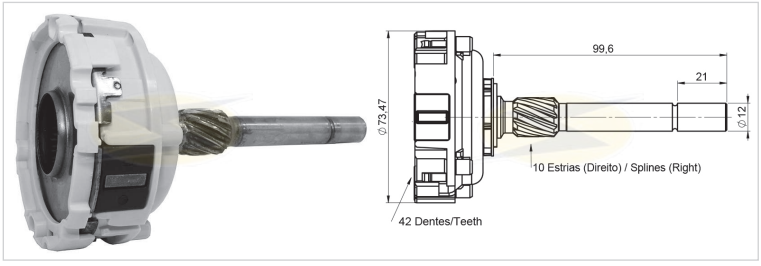
Equivalente / Replace: 1 006 200 145, 1 006 200 087

Partida / Starter: 0 001 107 037, 0 001 107 048, 0 001 108 157, 0 001 108 169, 0 001 148 115, **BMW:** 12411712937, 12411402990, 12411740374, 12414354823, **MERCEDES BENZ:** 0041516901, **SSANGYONG:** 0051514601, **VOLKSWAGEN:** 069911023G

Aplicação / Application: **BMW:** 316i / Compact / Touring, 318i, 318iS / Coupé / Compact, 320i / Cabrio / Coupé, 323 Ci Coupé / Ti Compact, 323i / Cabrio / Coupé / Touring, 325i / Cabrio / Coupé, 328 Ci Coupé, 328i / Cabrio / Coupé / Touring, 328i (1998), 525i, 528i / Touring, M3 Cabrio / Coupé, Z3 1.8 / 1.9 / 2.8 / 3.0i / 3.2, **MERCEDES BENZ:** Classe E 190 2.3, Classe E 230

Reparo da planetária / Repair for Planetary: **R-0055, R-0090**

Bosch **Equivalente /** Replace



UF - 11.152

Tipo / Type:

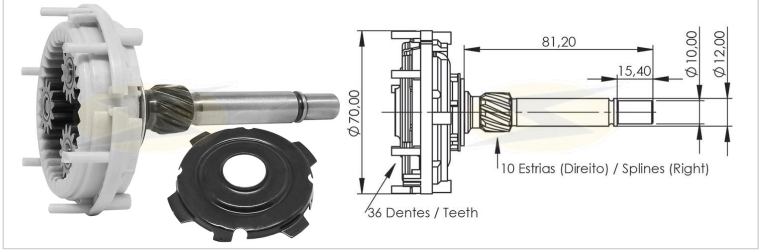
Equivalente / Replace: 1 006 200 909, 1 006 200 163, 1 006 200 152, 1 006 200 090, 1 006 200 039

Partida / Starter: **BOSCH:** 0 001 107 040, 0 001 110 029, 0 001 110 041, 0 001 110 072

Aplicação / Application: **ALPINA:** Roadster 4.8 V8 (2002->), **BMW:** 530 3.0 i (1994-1995),530 3.0 i V8 (1992-1997), 530 3.0 iT (1994-1995), 535 3.5 i (1996-2003), 540 4.0 i (1993-1997), 540 4.0 i V8 (1992-1995), 540 4.4 i (1996-2004), 540 4.4 i Sport (2001-2002), 540 4.4 iT (1999-2000), 730 3.0 i (1994-2001), 730 3.0 i V8 (1992-1994), 730 3.0 Li V8 (1992-1994), 735 3.5 i (1996-2001), 740 4.0 i (1993-2001), 740 4.0 i V8 (1992-1994), 740 4.0 iL (1993-1995), 740 4.0 Li V8 (1992-1994), 740 4.4 i (1996-2001), 740 4.4 iL (1996-1998), 840 4.0 Ci (1994-1995), 840 4.0 i (1993-1996), 840 4.4 Ci (1996-1999), M5 4.9 (2000-2003), M5 5.0 (1998-2003), X5 4.4 (2000-2003), X5 4.4 i (2000->), X5 4.6 iS (2002-2003), Z8 4.9 (2000-2003), Z8 5.0 (2001-2003).

Reparo da planetária / Repair for Planetary: **R-0153**

Bosch **Equivalente /** Replace



UF - 11.153

Tipo / Type: **DW**

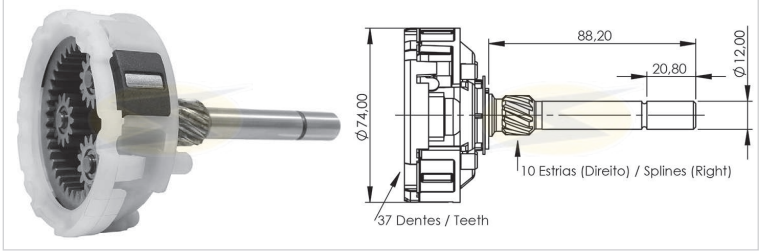
Equivalente / Replace: 1 006 200 153, 1 006 200 148, 1 006 200 072

Partida / Starter: **BOSCH:** 0 001 107 075, F 000 AL0 106, 0 001 107 079, 0 001 107 088, F 000 AL0 158, **TOYOTA:** 248100D100, 2810002080, 281000D100, 2810016230

Aplicação / Application: **TOYOTA:** Corolla 1.8i 16V (08.1998-06.2002), **FIAT:** Tipo 1.6i.e

Reparo da planetária / Repair for Planetary: **R-0058, R-0083, R-0133, R-0138**

Bosch **Equivalente /** Replace



UF - 11.159

Tipo / Type:

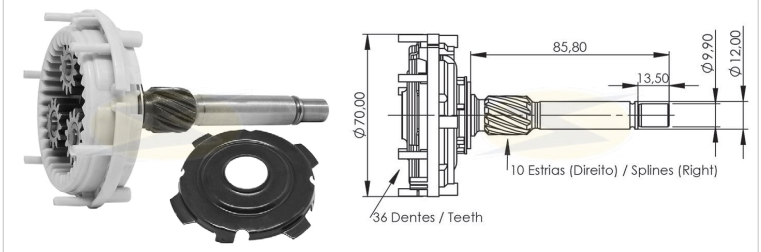
Equivalente / Replace: F 000 AL2 967, 1 006 200 178

Partida / Starter: F 000 AL0 159, F 000 AL0 160, F 000 AL0 107, F 000 AL0 105, F 000 AL0 112, F 000 AL0 115, F 002 G20 795, 0 001 109 045, 0 001 109 201, 0 001 110 132, 6 004 AA3 014, 0 001 109 250, **FORD:** EC35 11001 BA,

Aplicação / Application: **FORD:** F250, F350, F4000, motor Cummins, **NISSAN:** Frontier, Xterra 2.8 Diesel, **CHEVROLET-GM:** Blazer 2.8 Diesel / 2.8 Diesel Electronic, S10 2.8 4x4 Diesel Electronic, **TROLLER:** T4, T4 M (Militar)

Reparo da planetária / Repair for Planetary: **R-0075, R-0078, R-0079**

Bosch **Equivalente /** Replace



UF - 11.161

Tipo / Type: **DW**

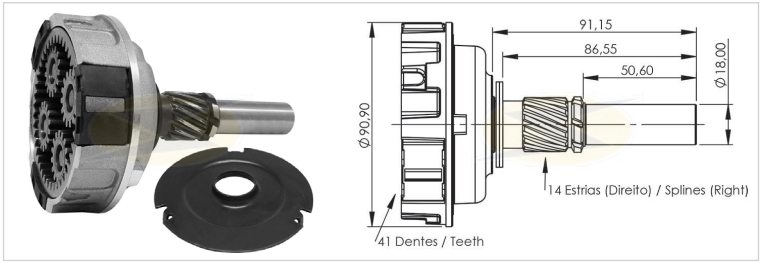
Equivalente / Replace: 1 006 200 161, 1 006 200 206

Partida / Starter: 0 001 106 017, 0 001 106 023, 0 001 106 012, 0 001 106 022, **RENAULT:** 7700115294

Aplicação / Application: **VOLVO, RENAULT:** Laguna 2.0 I 16v, Clio 2.0, Espace , Megane 1.8 / 2.0, Senic 1.8 / 2.0, Twingo, Kangoo

Reparo da planetária / Repair for Planetary: **R-0058, R-0083, R-0133, R-0138**

Bosch **Equivalente /** Replace



UF - 11.173

Tipo / Type: **EV**

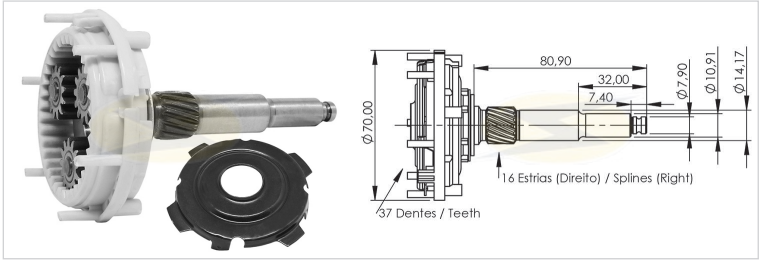
Equivalente / Replace: 6 033 AD5 173, 6 033 AD5 078, 6 033 AD5 173, 6 033 AD5 356, F 042 030 061, 6 033 AD5 069, 6 033 AD5 243, 6 033 AD5 359, (OBS: somente Plantearia, não acompanha impulsor/ Garfo. *Planetary Gear only, drive/lever not included*)

Partida / Starter: 0 001 241 001, 0986021480, **BOSCH:** 0 001 241 003, 0 001 241 004, 0 001 241 005, 0 001 241 006, 0 001 241 007, 0 001 241 008, 0 001 241 009, 0 001 241 014, 0 001 241 015, 0 001 241 016, 0 001 241 019, 0 001 241 020, 0 001 241 021, 0 001 241 023, 0 001 241 024, 0 001 241 119, 0 001 261 002, 0 001 261 004, 0 001 261 006, 0 001 261 008, 0 001 261 013, 0 001 261 026, F 042 002 135, **DAF:** 1658730

Aplicação / Application: **SCANIA:** G 230 / 270 / 280 / 310 / 320 / 340 / 360 / 380 / 400 / 420 / 440 / 470 / 480, K 270 Rodoviário, K 310 Rodoviário, K 340 Rodoviário, K 380 Rodoviário, K 420 Rodoviário, P 230 / 270 / 280 / 310 / 320 / 340 / 360 / 380 / 400 / 420 / 470 / 480 /, R 230 / 270 / 310 / 340 / 360 / 380 / 400 / 420 / 440 / 470 / 480, T 340 / 380 / 420 / 470, **DAF:** XF105.460, XF105.510

Reparo da planetária / Repair for Planetary: **R-0075, R-0076, R-0079**

Bosch **Equivalente /** Replace



UF - 11.181

Tipo / Type: **DB**

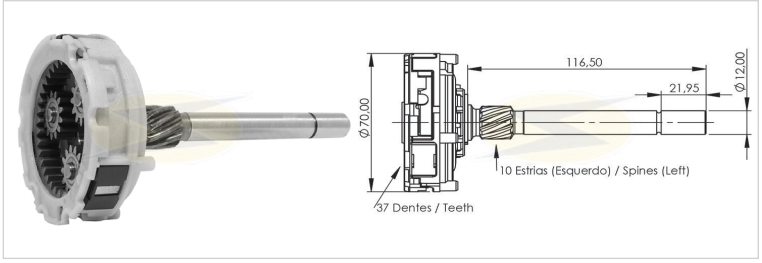
Equivalente / Replace: F 000 AL1 181

Partida / Starter: F 000 AL0 502, F 000 AL0 507, **VOLKSWAGEN:** 5X3911023

Aplicação / Application: **FORD:** Royale 1.8i / 2.0 / 2.0i, Versailles 1.8i / 2.0 / 2.0i, **VOLKSWAGEN:** Gol I 1.8 / 2.0 GTi, Gol II 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Gol III 1.8 Mi / 1.8 Mi Total Flex / 2.0 Mi, Gol IV 1.8 Total Flex, Parati II 1.8 Mi / 1.8i / 2.0i (1996), Parati III 1.8 Mi, Quantum 1.8 Mi / 1.8i / 2.0 Mi / 2.0i (1998), Santana 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Saveiro I 1.8 / 1.8 Mi, Saveiro II 1.8 Mi / 2.0 Mi, Saveiro III 1.6 / 1.8 / 2.0 Mi (2000), Saveiro IV 1.8 Total Flex, Voyage 1.8 / 1.8 Special

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.190

Tipo / Type:

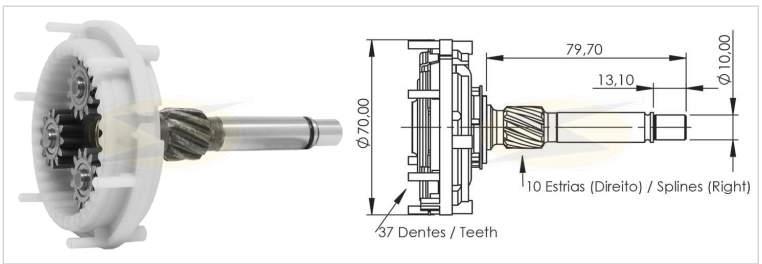
Equivalente / Replace: 1 006 200 910, 1 006 200 130, 1 006 200 037

Partida / Starter: 0 001 107 022, 0 001 107 023, 0 986 016 300, **FORD:** 95VW11000AA, 95VW11000AB, **VOLKSWAGEN:** 02A911023F, 02A911023T

Aplicação / Application: **AUDI:** TT 1.8, A3 1.8 / 1.8 Turbo 20V / Quattro, **FORD:** Galaxy 2.0 i, **SEAT:** Alhambra 1.8 Turbo 20V / 2.0 i, Cordoba 2.0 i 16V, Ibiza 2.0 i 16V, Toledo 2.0 i 16V, **SKODA:** Octavia 1.8 / 20V / Turbo, **VOLKSWAGEN:** CoRado 1.8 16V / G60 / 2.0, Golf III 1.8 Syncro 16V / 2.0, Golf IV 1.8 / 4-Motion, New Beetle 2.0, Passat 1.6 / 1.8 / 2.0 16V / Syncro / Turbo, Sharan 1.8 Turbo 20V / 2.0

Reparo da planetária / Repair for Planetary: **R-0125**

Bosch **Equivalente /** Replace



UF - 11.195

Tipo / Type: **DW**

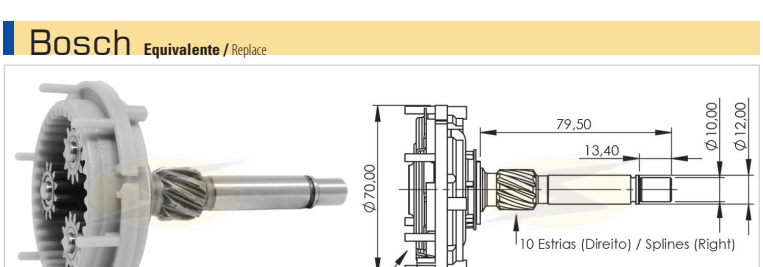
Equivalente / Replace: 1 006 200 195, 1 006 200 095

Partida / Starter: 0 001 107 043, 0 001 107 063, 0 001 107 066, 0 001 107 087, 0 001 106 014, 0 001 107 091, 0 001 107 097, **ALFA ROMEO:** 46468696, **CITROEN:** 96147592, 96155198, **FIAT:** 9615519880, 9624291380, **FORD:** 1011331, 96FB11000KB, 96FB11000KC, 96FB11000KD, **PEUGEOT:** 5802E4

Aplicação / Application: **FIAT:** Brava 1.8 MPi, Ducato 2.0, Marea 1.8 MPi, Marea 2.0i 20V (98 - 02), Ulysse 1.8, Ulysse 2.0, **FORD:** C-Max 1.6 / 1.6 Flexifuel / 1.6 Ti , B-Max 1.4 / 1.6Ti, Fiesta 1.25 16V / 1.4 / 1.6 / Sport, Focus 1.4 16V / 1.6 16V / 1.6 Ti C-Max / Flex / 2.0, Fusion 1.25 / 1.4 / 1.6, Puma 1.4 16V / 1.6 16V / 1.7 16V / 1.7 ST 160, Courier 1.4 / 1.8 TD, Ecosport 1.5 Ti, Grand C-Max 1.6 Ti, Mondeo 1.6Ti, **FORD AUSTRALIA:** Fiesta 1.4i / 1.6i, **MAZDA:** 121, 2 1.3 / 1.4 16V / 1.6 16V, **VOLVO:** C30 1.6 /1.8, S40 1.6 / 1.8 / 1.8 FlexFuel, V50 1.6 / 1.8 / 1.8 FlexFuel / 2.0, **CITROEN:** Berlingo 1.8i, Evasion 2.0i, Xantia 1.6i / 1.8i / 2.0i, XM 2.0i, Xsara 1.8i / 2.0i, ZX 1.8i, **PEUGEOT:** 205 1.9i, 306 1.8i / 2.0i, 405 1.6i / 1.8i / 2.0i, 605 2.0i, 806 2.0i, Partner 1.8i

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.201

Tipo / Type: **DW**

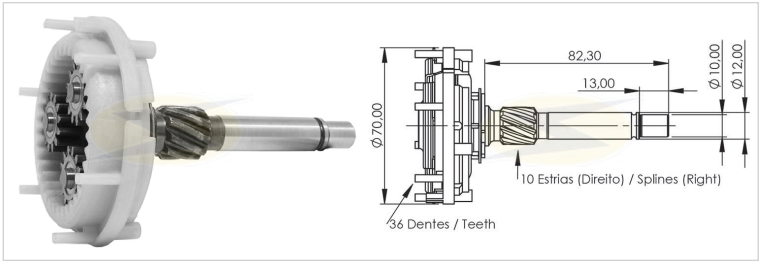
Equivalente / Replace: 1 006 200 201

Partida / Starter: 0 001 107 091, 0 001 107 110, 0 001 107 066, 0 986 018 880, **FIAT:** 46748349, 46821681, 51832956

Aplicação / Application: **FIAT:** Marea 2.0i 20V (98 - 02), Palio 1.6 16V / Adventure 16V / Weekend 16V, Siena 1.6 16V, Doblo 1.6 / Cargo 1.6 16V, 16V, Strada 1.6, Brava 1.6, Brava 1.6 / 1.6 16V, multipla 1.6 16V, Stilo 1.6 16V, Petra 1.6 16V, Albea 1.6 16V, Capagnola 1.6 16V, **LANCIA:** Lybra 1.6 16V

Reparo da planetária / Repair for Planetary: **R-0056, R-0080, R-0133**

Bosch **Equivalente /** Replace



UF - 11.204

Tipo / Type:

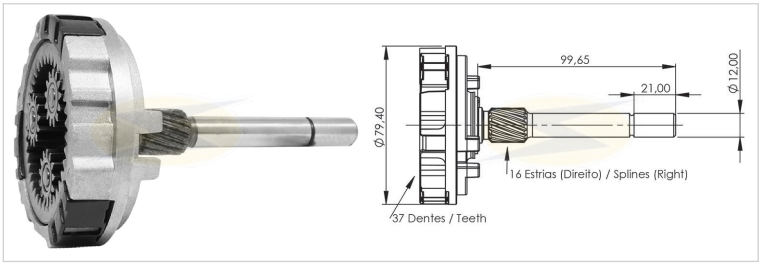
Equivalente / Replace: F 000 AL1 204

Partida / Starter: F 000 AL0 101, F 000 AL0 104, F 000 AL0 121, F 000 AL0 127, **MERCEDES BENZ:** 0051511101, 0051514701, A0051511101, A0051514701

Aplicação / Application: **CITROËN:** Xsara Picasso 2.0 - 16v

Reparo da planetária / Repair for Planetary: **R-0058, R-0083, R-0133, R-0138**

Bosch **Equivalente /** Replace



UF - 11.215

Tipo / Type:

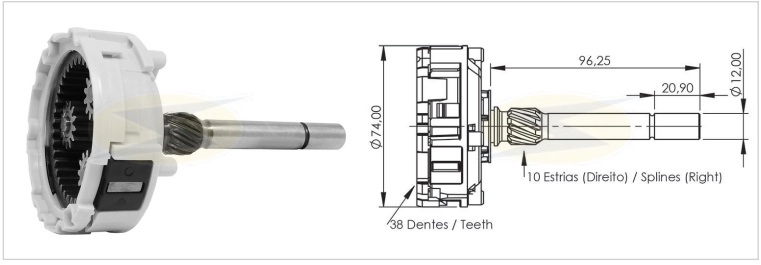
Equivalente / Replace: 6 033 AD0 215

Partida / Starter: 0 001 223 005, **MERCEDES BENZ:** 0051512901

Aplicação / Application: **MERCEDES BENZ:** Sprinter 616 CDi, Classe C 270 CDi / 270 CDi T-Modell, Classe CLK 270 CDi, Classe E 270 CDi / 270 CDi T-Modell / 320 CDi / 320 CDi T-Modell, Classe ML 270 CDi, Classe S 320 CDi, Classe-M, Classe-S, Sprinter 216 / 316 / 416

Reparo da planetária / Repair for Planetary: **R-0120**

Bosch **Equivalente /** Replace



UF - 11.218

Tipo / Type:

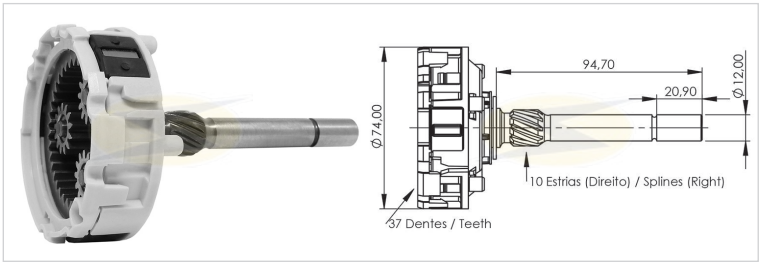
Equivalente / Replace: 1 006 200 218

Partida / Starter: 0 001 109 300, 0 001 109 301, BOSCH: 0 001 109 405, **FIAT:** 1347058080, **PEUGEOT:** 5802AQ

Aplicação / Application: **CITROEN:** Jumper 2.8 Hdi, Jumper 2.8 4x4, **FIAT:** Ducato Cargo 2.3, Ducato Maxi Cargo 2.3, Ducato 2.8 Diesel, Ducato 2.8 Diesel 4x4, Ducato 2.3 Jtd, Ducato 2.8 Jtd, Ducato 2.8 Jtd 4x4, **PEUGEOT:** Boxer 2.8 Hdi, Boxer 2.8 Hdi 4x4

Reparo da planetária / Repair for Planetary: **R-0075, R-0077, R-0079**

Bosch **Equivalente /** Replace



UF - 11.220

Tipo / Type:

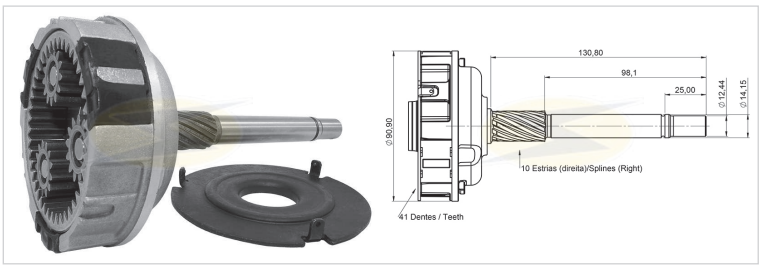
Equivalente / Replace: 1 006 200 220, 1006200342, F 000 AL2 832

Partida / Starter: BOSCH: F 000 AL0 143, F 004 A94 008, F 004 A94 011, 0 001 109 306, 0 001 109 413, F 000 AL0 132

Aplicação / Application: **TOYOTA:** Hilux D4d , Sw4 D4d, Yaris D4d, Yaris Verso D4d, Corolla D4d, Corolla Verso D4d, Avensis D4d, Avensis Verso D4d, Rav4 D4d, Landcruiser D4d, Previa D4d, **HYUNDAI:** HD78, **IVECO:** Daily 35 C14 / S14, Daily 40 S16, Daily 45 S14 / S16, Daily 50 C11 / C13, Daily 55 C16, Daily 60 C16 / C16 HD Massimo, Scudato 70 C16, CityClass, **LAND ROVER:** Defender 90 / 110 2.5 Turbo Diesel AWD, Defender 130 2.5 Diesel AWD, Discovery 2.5 TDi AWD, **MERCEDES BENZ:** Sprinter 310 D / 312 D / 412 D, **VOLKSWAGEN:** Delivery 5140 E / EOD, Delivery 8150 E

Reparo da planetária / Repair for Planetary: **R-0075, R-0078, R-0079**

Bosch **Equivalente /** Replace



UF - 11.244

Tipo / Type:

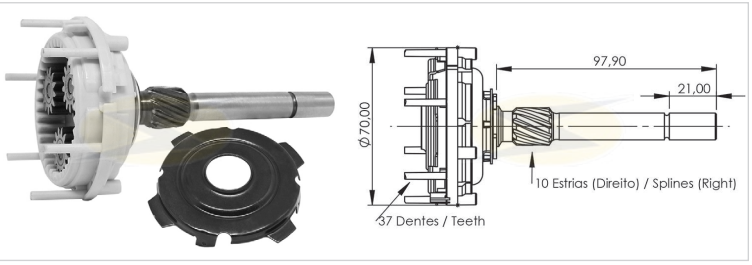
Equivalente / Replace: **BOSCH:** 9 001 336 244, 6 033 AD3 310, **CARGO:** 231083, 333594, **CASE:** 42560319, **DAF:** 1821358, **IKA:** 4.2389.0, **MAN:** 51262136001, **MBB:** 0001500931, A0001500931, **PRESTOLITE:** 861219

Partida / Starter: 0 001 230 001, 0 001 230 003, 0 001 230 004, 0 001 230 005, 0 001 230 006, 0 001 230 007, 0 001 230 008, 0 001 230 009, 0 001 230 010, 0 001 230 012, 0 001 230 013, 0 001 230 014, 0 001 230 018, 0 001 230 023, 0 001 230 027, 0 001 230 030, 0 001 231 002, 0 001 231 003, 0 001 231 004, 0 001 231 005, 0 001 231 006, 0 001 231 007, 0 001 231 008, 0 001 231 009, 0 001 231 010, 0 001 231 011, 0 001 231 012, 0 001 231 013, 0 001 231 014, 0 001 231 016, 0 001 231 017, 0 001 231 018, 0 001 231 019, 0 001 231 023, 0 001 231 029, 0 001 231 030, 0 001 231 032, 0 001 231 033, 0 001 231 034, 0 001 231 035, 0 001 231 036, 0 001 231 039, 0 001 231 040, 0 001 231 041, 0 001 231 046, 0 001 231 046, 0 001 231 146.

Aplicação / Application: **RENAULT:** S18 (1996->), **MBB:** 1215 (1999->), 1618 (1998->), 2423 (1998->), 712C, 914 C/LO, Accelo 915 C, 915 E, LO 915, 1318, 1215 C, L 1218 / 1418 / 1622, 1718 M, 1728, 1618 M, 2428, 2423, O 500 M / R / U, OF 1417 / 1418 / 1722, OH 1418, Unimog U 500, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Axor 1933 / 2536, **NEW HOLAND:** Série TL, SÉRIE TC, **CASE:** JX-Serie, **VOLVO:** Ônibus B7F/B7L/B7R, Caminhão FM7, 1017 / 1215C / 1218L / 1315 / 1315OH / 1315OF / 1318 / 1318OF / 1318OH / 1417OF / 1418 / 1418L / 1418EL / 1418R / 1418OF / 1418OH / 1518 / 1518L/LS / 1618M / 1622A / 1622L / 1718 / 1718K / 1718A / 1718M / 1722OF / 1725 / 1728 / 1730OF / 1828L / 1933 / 1933LS/S / 2423 / 2425 / 2428 / 2533 / 500 OM / 500 OR / 500 OU/ 500 ORSD / 500 ORSE / 520O / 712C / 814 / 814F / 814L / 814LO / 915 / 915C / 915E / 915LO / 915 / 915C / 915E / 915LO, **IVECO:** Vertis

Reparo da planetária / Repair for Planetary: **R-0145**

Bosch **Equivalente /** Replace



UF - 11.307

Tipo / Type: **DW**

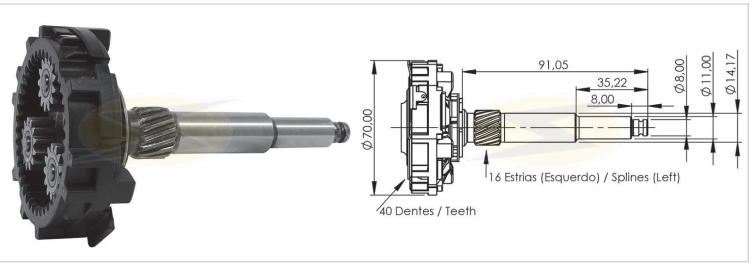
Equivalente / Replace: 1 005 821 307, 1 006 200 032, 1 006 200 007

Partida / Starter: 0 001 108 013, 0 001 108 021, 0 001 108 022, 0 001 108 023, 0 001 108 026, 0 001 108 027, 0 001 108 030, 0 001 108 031, 0 001 108 032, 0 001 108 035, 0 001 108 037, 0 001 108 038, 0 001 108 040, 0 001 108 045, 0 001 108 046, 0 001 108 051, 0 001 108 053, 0 001 108 056, 0 001 108 061, 0 001 108 066, 0 001 108 068, 0 001 108 069, 0 001 108 070, 0 001 108 072, 0 001 108 073, 0 001 108 076, 0 001 108 077, 0 001 108 081, 0 001 108 084, 0 001 108 091, 0 001 108 093, 0 001 108 094, 0 001 108 095, 0 001 108 103, 0 001 108 104, 0 001 108 105, 0 001 108 135, 0 001 108 137, 0 001 108 144, 0 001 108 151, 0 001 108 154, 0 001 108 159, 0 001 109 040

Aplicação / Application: **ALFA:** 156 Berlina / Sport Wagon / Alfa 164 / 166 /Spider, **AUDI:** 100 1.6 /200 2.2 Turbo, **CHRYSLER:** Grand Caravan 3.0i Le, **FIAT:** Tempra 2.0ie / Tipo 1.8/2.0/Ie/16v, **JEEP:** Cheroke 2.5i, **LAND ROVER:** Defender / Discovery / Range Rover I/Ii, **VOLKSWAGEN:** Golf 1.8 / Ii 1.8 / Passat (Imp.) 2.0, **CHEVROLET-GM:** Omega 3.0i / 4.1i / Suprema 3.0i/4.1i / C20, **OPEL:** Omega 2.4i/2.6i/3.0i / Evolut 500/3.6, **ALFA ROMEO:** Alfa 156 2.5 24v / Sw / 164 2.5 / 3.0 Td /Ie / V6 12/24v / 166 3.0 / V6 24v / Spider 3.0 V6 12v

Reparo da planetária / Repair for Planetary: **R-0057, R-0081, R-0133**

Bosch **Equivalente /** Replace



UF - 11.358

Tipo / Type:

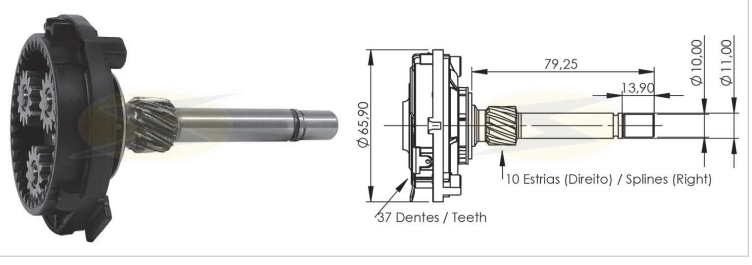
Equivalente / Replace: 1 006 200 358

Partida / Starter: 0 001 121 440

Aplicação / Application: **FIAT:** Bravo 1.8 E-Torq 1.6 / 1.8, Doblo 1.8 / Adventure Locker 1.8, Grand Siena 1.6 Flex / 1.6 Flex Dualogic, Idea 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex / Adventure 1.8 16V Flex, Palio (Fase IV) 1.6 16V Flex / (Fase IV) 1.6 16V Flex Dualogic / 1.6 MPI 16V Flex / Adventure 1.8 16V Flex / Weekend 1.6 Flex / Adventure (Fase IV) 1.8 Flex / Weekend 1.6 Flex, Punto 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex, Siena 1.6 MPI 16V Flex, Strada 1.8 MPI 16V Flex / Adventure Locker 1.8 MPI 16V Flex / 1.6 Flex / Adventure 1.8 Flex

Reparo da planetária / Repair for Planetary: **R-0116, R-0117**

Bosch **Equivalente /** Replace



UF - 11.369

Tipo / Type:

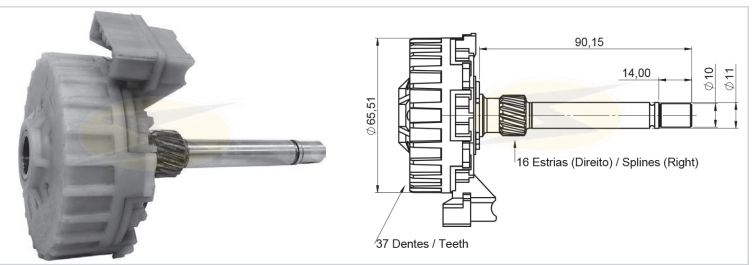
Equivalente / Replace: 1 006 200 369

Partida / Starter: F 000 AL0 901, F 000 AL0 903, 0001107424

Aplicação / Application: **MERCEDES-BENZ:** Sprinter 311 CDI / 415 CDI / 515 CDI, **BMW:** 325

Reparo da planetária / Repair for Planetary: **R-0118, R-0119**

Bosch **Equivalente /** Replace



UF - 11.421

Tipo / Type:

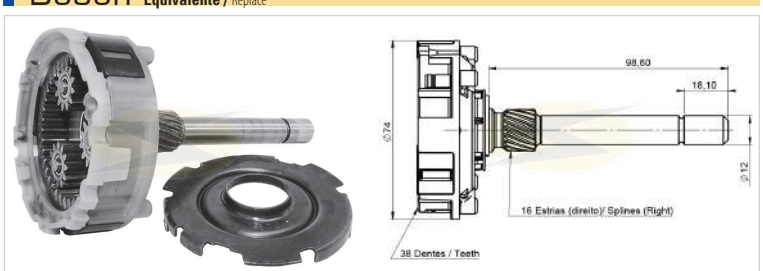
Equivalente / Replace:

Partida / Starter: 0 001 170 421

Aplicação / Application: **FIAT:** Uno, Mobi, Argo

Reparo da planetária / Repair for Planetary: **R-0152**

Bosch **Equivalente /** Replace



UF - 11.469

Tipo / Type:

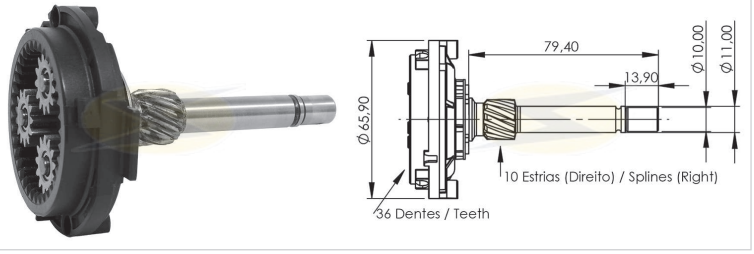
Equivalente / Replace: 1 006 200 469

Partida / Starter: 0 001 139 011, 0 001 139 012, 0 001 139 021, 0 001 139 022, 0 001 139 037, 0 001 137 038

Aplicação / Application: **PORSCHE:** Cayenne 4.8 GTS (2012-2014), Cayenne 4.8 S (2010-2014), Cayenne 4.8 Turbo (2010-2014), Cayenne 4.8 Turbo S (2013-2014), Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->), Macan (2014 – 2019) 95B 3.6 Turbo 3604 ccm / 294 KW / 400 PS, Macan (2014 – 2019) 95B 3.0 S 2997 ccm / 250 KW / 340 PS, Macan (2015 – 2019) 95B 3.0 GTS 2997 ccm / 265 KW / 360 PS, Macan (2016 – 2019) 95B 3.6 Turbo 3604 ccm / 324 KW / 440 PS

Reparo da planetária / Repair for Planetary: **R-0162**

Bosch **Equivalente /** Replace



UF - 11.477

Tipo / Type:

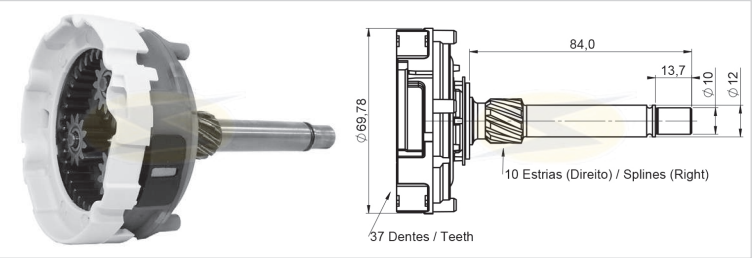
Equivalente / Replace:

Partida / Starter: 0 001 107 477

Aplicação / Application: **RENAULT:** Clio 2.0 Sport, Duster 2.0 16V Hi-Flex / Hi-Flex 4x4, Espace 2.0 / Turbo, Fluence 2.0 GT Laguna 2.0 TCe Grandtour / 2.0i 16V, Mégane 2.0 16V / Cabrio / Grandtour 16V, Scénic 2.0 16V / 2.0i 16V, Trafic 2.0

Reparo da planetária / Repair for Planetary: **R-0148, R-0149**

Bosch **Equivalente /** Replace



UF - 11.575

Tipo / Type:

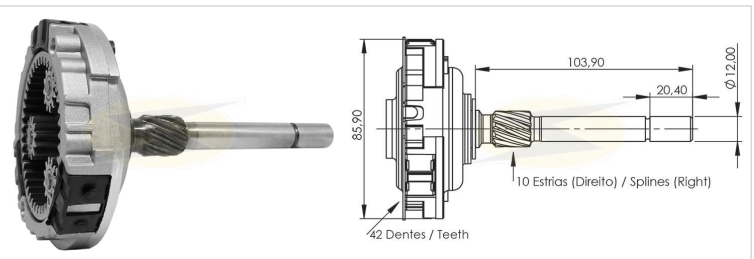
Equivalente / Replace: 1 006 200 575

Partida / Starter: 0 001 147 425

Aplicação / Application: **BMW:** 125 2.0 i (2011->), 220 2.0 i (2013->), 228 2.0 i (2014->), 320 2.0 i (2012->), 320 2.0 i xDrive (2011->), 328 2.0 i (2011->), 328 2.0 i xDrive (2011->), 420 2.0 i (2013->), 420 2.0 i xDrive (2013->), 428 2.0 i (2013->), 428 2.0 i xDrive (2013->), 520 2.0 i (2011->), 528 2.0 i (2011->), 528 2.0 i xDrive (2011->), GT320, X1 2.0 sDrive 16 i (2013->), X1 2.0 sDrive 20 i (2011->), X1 2.0 xDrive 20 i (2011->), X1 2.0 xDrive 28 i (2011->), X3 2.0 xDrive 20 i (2011->), X3 2.0 xDrive 28 i (2011->), X4 2.0 xDrive 20 i (2014->), X4 2.0 xDrive 28 i (2014->), Z4 sDrive 18 i 2.0 (2013->), Z4 sDrive 20 i 2.0 (2011->), Z4 sDrive 28 i 2.0 (2011->).

Reparo da planetária / Repair for Planetary: **R-0159**

Bosch **Equivalente /** Replace



UF - 11.590

Tipo / Type: **EV**

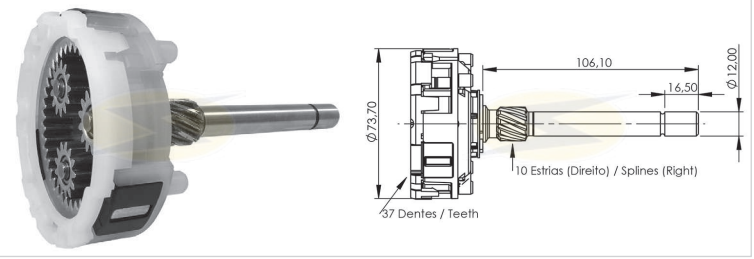
Equivalente / Replace: 9 001 337 059, 9 003 336 270

Partida / Starter: 0 001 218 011, 0 001 218 122, 0 001 218 159, 0 001 218 168, 0 001 218 171, 0 001 218 174, 0 001 218 177, 9 000 331 432, 9 000 331 433, 0 001 218 002, 0 001 218 004, 0 001 218 005, 0 001 218 009, 0 001 218 013, 0 001 218 111, 0 001 218 112, 0 001 218 113, 0 001 218 114, 0 001 218 115, 0 001 218 121, 0 001 218 125, 0 001 218 126, 0 001 218 127, 0 001 218 130, 0 001 218 131, 0 001 218 135, 0 001 218 141, 0 001 218 143, 0 001 218 145, 0 001 218 146, 0 001 218 147, 0 001 218 153, 0 001 218 158, 0 001 218 161, 0 001 218 175, 0 001 218 176, **CHRYSLER:** 35532045, **CITROEN:** 5802V4, **FIAT:** 130019808, **FORD:** BF5T11001AA, **CHEVROLET - GM:** 1202048, 1202955, 1202960, 90008258, 90376895, 93278011, **IVECO:** 99451753, 504201467, 994517530, 5801405959, **LAND ROVER:** ERR5009A, ERR5445, **MAXION:** 74161, **MERCEDES BENZ:** 0051510501, 0051511501, **MWM:** 905720100081

Aplicação / Application: **OPEL:** Frontera 2.3, Omega 2.3 09.1988 >03.1994 , **FIAT:** Ducato 03.1994>03.1998 **MERCEDES BENZ:** Sprinter 310 D / 312 D / 412 D, 310D Sprinter 1996>10.1996>12.1996, 01.1997>, 312D 08.1999>, 412D 10.1999>. **LAND ROVER:** Defender 2.5 turbo diesel 08.1990>12.2001, Discovery 2.5 TDI 09.1989>09.1994, (motor 19L) 10.1993>12.1998. Range Rover I 2.5 tdi classic (motor 14L) 10.1992>09.1994, (motor 300 tdi 10.1994>04.1996). Range Rover II 2.5 dt /dse (motor M51- D25) 09.1994>09.2002, **IVECO:** 35 S14, 45 C16, 50 C15, 55 C16, Daily 35-10, Daily 49-10, Daily 10 (motor 8140) 11.1997>. **DODGE:** Dakota 2.5D 10.1998> **FORD:** F-1000 10.1995>, F-1000 10.1995> **CHEVROLET - GM:** S10 2.5, Blazer 2.5 diesel 08.1997>, **RENAULT:** Jumper, **BMW:** 850 Ci, **CITROEN:** Jumper,

Reparo da planetária / Repair for Planetary: **R-0109, R-0110, R-0121, R-0123**

Bosch **Equivalente /** Replace



UF - 11.625

Tipo / Type:

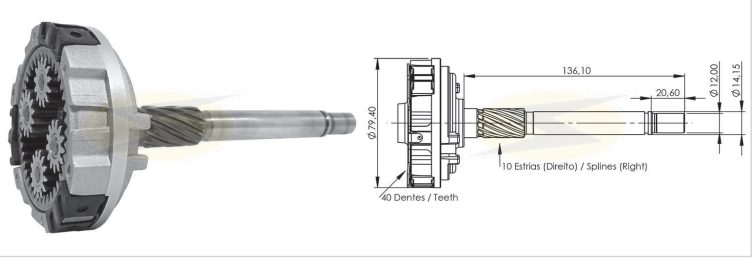
Equivalente / Replace: F 000 AL2 625

Partida / Starter: F 000 AL0 152, F 000 AL0 150

Aplicação / Application: **FORD:** Cargo 8t / 11t / 13t / 15t / 24t / 26t / C 7t / C 8t / C 9t / C 12t / C 13t / C 14t / C 15t / C 16t / C 17t C 24t, **MERCEDES BENZ:** Sprinter 515 CDI

Reparo da planetária / Repair for Planetary: **R-0075, R-0078, R-0079**

Bosch **Equivalente /** Replace



UF - 11.727

Tipo / Type: **HX87-M10 12V (R) / 24V (R) / HX87 - ASHOK LEYLAND**

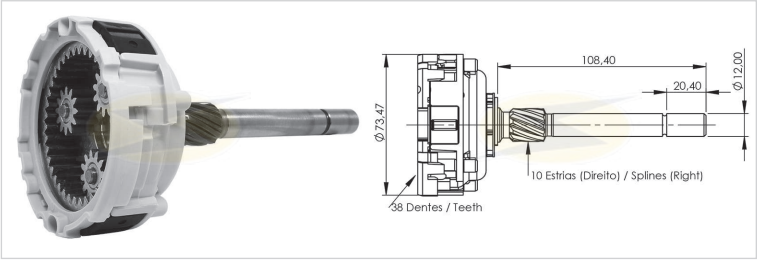
Equivalente / Replace: F 002 G20 727

Partida / Starter: F 002 G20 904

Aplicação / Application: **FORD:** Cargo C1317 / 1319 / 1517 / 1519 / 1717 / 1719 / 1722 / 1723 / 2422 / 2423 / 2428 / 2429 / 2622 / 2623 / 2628 / 2629

Reparo da planetária / Repair for Planetary: **R-0128, R-00139**

Bosch **Equivalente /** Replace



UF - 11.779

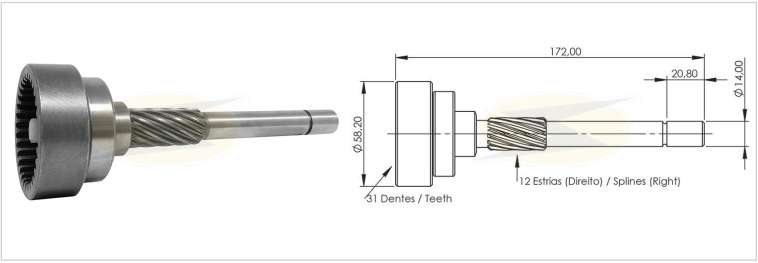
Tipo / Type:

Equivalente / Replace: F 000 AL2 779, F 000 AL2 653

Partida / Starter: F 000 AL0 128, F 000 AL0 136, F 000 AL0 138, F 000 AL0 139, F 000 AL0 157

Aplicação / Application: **AGRALE:** 5000 D, 6150 TD, 7000 D, 7500 TD, Trator BX4.60 / BX4.90 / BX4.100 / BX4.110 / BX4.130 / BX4.150, **CASE:** Escavadeira 80 CR / P, Pá carregadeira W18 / W20, **CBT:** Trator 1065 / 1105 / 2080 / 2105 / 8060 / 8240 / 8440, **CHEVROLET-GM:** D6000, D20, **FIAT ALLIS:** Retroescavadeira FB80, **FORD:** Cargo C 814 / 815 / 1215 / 1216 / 1217 / 1415 / 1416 / 1417 / 1421 / 1617 / 1621, F4000, Trator 8040 / 8055, **JOHN DEERE:** Colheitadeira SLC 6200 / 6200 Turbo / 7200 Turbo / 7700 Turbo, **MASSEY FERGUSON:** Trator MF1630 / MF3640 / MF5650 / MF6845 / MF6855 / MF6865, **MAXION:** Trator 9075 / 9090, **MERCEDES BENZ:** 608 L D, 610 L, 708 L E, 709, 710, 712, 809 LO, 812 LO, 814 LO, 912, 914, 917, 1013 L, 1111 L, 1113 L, 1114 L, 1116 L, 1117 L, 1214 C, 1218 L, 1219 LP, 1313 L, 1316 L, 1317 L, 1318 L, 1319 L, 1414 L, 1418 L, 1419 LP, 1420 L, 1513 L, 1516 L, 1517 L, 1518 L, 1518 LS, 1614 L, 1620 L, 1621 L, 1714 K, 1717 K, 1718 A, 1720, 1721, 1722, 1723, 2013 L, 2014 L, 2016 L, 2213 L, 2214 L, 2215 L, 2216 L, 2217 L, 2218 LB, 2218 LK, 2314 L, 2318 L, 2318 LB, 2318 LK, 2418, O362, O364, O365, OF812, OF1113, OF1114, OH1113, OH1313, OH1314, OH1316, **MWM:** Motor D229-4 / D229-6 / TD229-6, **NEW HOLLAND:** Trator 8040 / 8055, **SLC:** Colheitadeira 6200 / 6200 Turbo / 7200 Turbo / 7700 Turbo, **TOYOTA:** Bandeirante, **VALMET:** Trator 62 ID / 65 ID / 68 / 78 / 88 / 110 ID / 118 D / 128 D / 138 Turbo / 148 / 880 / 980, **VALTRA:** Tratores, **VOLKSWAGEN:** 12170, 13170, 13190, 14170, 15170, 16170, 16200, 17210 **- Reparo da planetária /** Repair for Planetary: **R-0140, R-0141**

Delco **Equivalente /** Replace



UF - 14.032

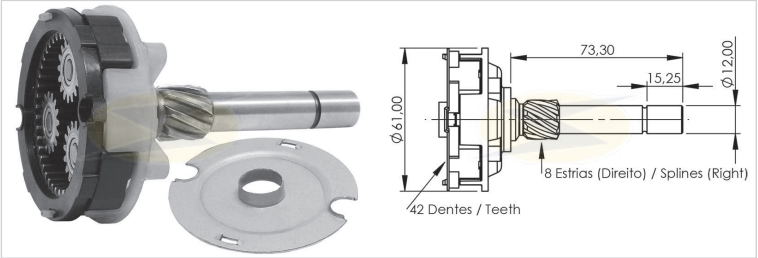
Tipo / Type: **28MT (Acompanha Rolamento /** *Bearing Include***)**

Equivalente / Replace: 10457032, **AXEL:** AX51001

Partida / Starter: **DELCO:** 1113271, 1113272, 1113273, 1113274, 1113275, 1113278, 1113279, 1113280, 1113281, 1113282, 1113283, 1113284, 1113285, 1113286, 1113288, 1113289, 1113290, 1113292, 1113297, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479612, 10479613, 10479614, 10479615, 10479616, 10479617, 10479618, 10479620, 10479621, 10479622, 10479624, 10479625, 10479628, 10479630, 10479636, 10479638, 10479640, 10479641, 10479642, 10479645, 10479648, 10479654, 1113276, 113277, 113291, 10479623, 10479629, 10479634, 10479643, 10479644, 104796651, 10479652, 10479564, 10479655, **CASE:** 75259789, 75323045, C148031A1, **CUMMINS:** 3282731, 3918377, 3918378, 3936148, 3939649, **FORD:** F7HT11001AC, **JOHN DEERE:** AJ59341, R509658, **MERCEDES BENZ:** A0051518301, A0051518501, A0051518502

Aplicação / Application: **AGCO:** Arg. Dicumar 6bt-F700, Dynapac, G-Drive, Ingersoll Rand 95, 110, 125, Metalfor Pulverizador, Muller Dtv140, Skider, Tm- 14, Zanello, Timberjack 610 Forwarder, 450c, 480c (Motor Cummins 4b3.9, 4bt3.9, 6b5.9, 6btaa), **TIMBERJACK:** 608, 608 Harvester, Ciber Vibrador, Komatsu Pc200 Escavadeira (Motor Cummins 4b3.9, 4bt3.9, 6b5.9, 6bt5.9, 6btaa) **FIAT ALLIS:** Motoniveladora FG140.2, Pá carregadeira FR12 / FR128, Trator de esteiras 7D, (Motor Cummins 6bt5.9), Grader Pg140 / Pg160 (Motor Ford 7.5l Gma), Pá Carregadeira Fr128, Trator De Esteira 7d, Grader Fg-1402.2, Case Grader 845 / 845.2, Pá Carregadeira W20, Fd 170, **FORD:** F12000 / F14000 (Motor Cummins B 5.9 Litros 160cv), **CUMMINS:** 4b3.9, 4bt3.9, 6b5.9, 6bt5.9, 6btaa, **MERCEDES BENZ:** 712 E, O712 L, O812 L, O814 L, OF1721, OH1420, OH1621, OH1623, 710, 1418r, 1720, 1720k, L 1620, Lo 814 (Motor Om 364 E Om 366 Em 12v), Of 1721, Oh 1420, Oh 1621l, Oh 1623 (Motor Om 364 E Om 366 Em 24v), **TRATORES:** 5410 (Motor 4045d 4 Cil . 4,5l), Tratores 2140, 2850, 3140, 3350, 3540, 3550 (Motor 6359 / 4239d), Tratores 1420, 2330, 2420, 2530, 2730 (Motor 3 / 4 Cil .), Tratores 5600, 5700 E 6300 (Motor 4039d / T 4 Cil . 3,9l), Tratores 6600 (Motor 6059t 6 Cil. 5,9l), Tratores 627, 727, 3420, 3530, 4420, 4530, (Motor 6 Cil.), **CASE:** Motoniveladora 845 / 845.2, Pá carregadeira W20, Retro-Escavadeira 580l / 580l Se, **DYNAPAC:** Máquinas diversas, **JOHN DEERE:** Trator 627 / 727 / 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 3550 / 4420 / 4530 / 5010 / 5600 / 5700 / 6300 / 6600, **KOMATSU:** Escavadeira PC200, **MULLER:** Rolo compactador DTV140, Trator TM14

Delco **Equivalente /** Replace



UF - 14.057

Tipo / Type: **PG260D6, PMGR**

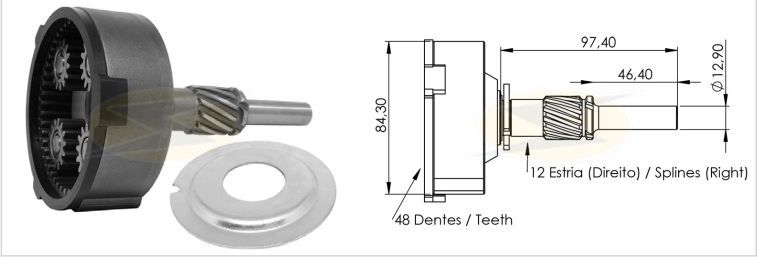
Equivalente / Replace:

Partida / Starter: 8000357, 24581746, 8000465, 361003C151, 36100 2G000, 36100 2G200, 6100 2G300, 96000, **HYUNDAI:** IX55 (Veracruz) 3.8

Aplicação / Application: **KIA:** Forte 2.0L, Forte 2.4L, Forte Koup 2.0L, Forte Koup 2.4L, Forte 5 2.0L, Magentis 2.4L, Optima 2.0L, Optima 2.4L, Rondo 2.4L, Sorento 2.4L, Sportage 2.0L, Sportage 2.0 4x4, Sportage 2.4L, Carens 2.0, **HYUNDAI:** Genisis Coupe 2.0L, Genisis Coupe Turbo, Graundeur 2.4, I35 2.0L, Graundeur 2.0D, Santa Fé 2.4L, Sonata 2.0L, Sonata 2.4L, Tucson 2.0L, Tucson 2.4L, IX55 (Veracruz) 3.8

Reparo da planetária / Repair for Planetary: **R-0132**

Delco **Equivalente /** Replace



UF - 14.095

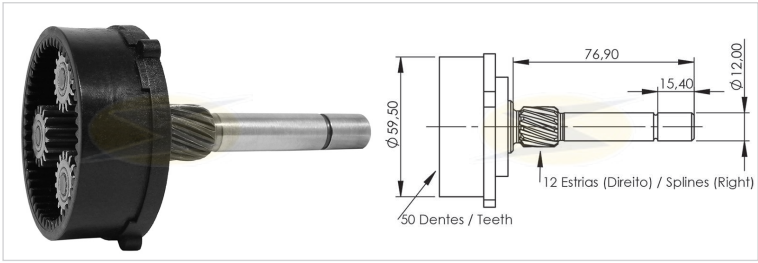
Tipo / Type: **38MT** (Impulsor Não Incluso / *Start Drive Not Included*)

Equivalente / Replace: 10512095

Partida / Starter: 8200005, 8200025, 8200053, 8200072, 8200077, 200078, 200356, **DELCO:** 8200000, 8200007, 8200023, 8200024, 8200026, 8200075, 8200076, 8200211, 8200217, 8200235, 8200236, 8200239, 8200242, 8200269, 8200301, 8200322, 8200324, 8200356, 8200408, 8200486, 8200600, 8200733, 8201050, 8300005, 8300021, 8300022, 8300023, 8300025, 8300065, 8300066, 10461768, 10461769, 10461774, 10461775, 10461776, 10511731, 19026027, 19026028, 19026029, 19026030, 19026031, 19026032, 19026035

Aplicação / Application: **CUMMINS:** Motores C E Isc De 8,3 Litros, **FORD:** Cargo 1932 eletrônico (c/ motor Cummins 8.3 L), Cargo 16,22, 1630, 2422, 2425, 2622, 2626, 2630, 2631, 3222, 4030, (c/ Motor Cummins 6ctaa 8,3 Litros), Cargo Eletronico 2632, 2932, 4532, 5032, **VOLKSWAGEN:** Constellation 17320 / 19320 / 19360 / 24320 / 25320 / 25370 / 25400 / 31320, Titan Tractor 18310 (c/ motor Cummins 8.3L), B18320 EOV / B19320 EOT (c/ motor Cummins ISC 8.3L), Caminhões 17-220, 17-310, 23-210, 23-220, 23-310, 24- 220, 26-220, 26-260, 26-310 (c/ Motor Cummins 6ctaa 8.3 Litros), Caminhões 31-370, 25-370, 19-370 Com Motor 9,3 Litros International E 18-310, 19-320, 31-320, Titan Tractor E Constellation Com Motor Cummins Isc 8,3 Litros, Ônibus 19320eot – Quéops Evolution (c/ Motor Cummins Isc 8,3 Litros), Caminhões 18.310 Titan Tractor, **CASE:** Colheitadeira de algodão 1822 / 1844 / 2055 / 2155, Colheitadeira de cana A8000 / A8800, Colheitadeira de grãos 1620 / 1640 / 1644 / 1666 / 1668 / 1670 / 1680 / 1688 / 1690 / 2144 / 2166 / 2188 / 2366 / 2399, Trator 1896 / 2055 / 2090 / 2094 / 2096 / 2290 / 2294 / 2390 / 2394 / 2470 / 2590 / 2594 / 2670 / 2870 / 3294 / 3394 / 4490 / 4494 / 4690 / 4694 / 4890 / 4894 / 4994 / 7110 / 7120 / 7130 / 7140 / 7210 / 7220 / 7230 / 7240 / 7250 / 8930 / 9110 / 9130 / 9210 / 9230 / 9240 / 9310 / 9330, Trator Magnum MX220 / MX240 / MX270 (c/ motor Cummins 8.3L), **JAC:** HFC4253, **RANDON:** Caminhão de mineração RK430B / RK430M / RK628C / RK628CF / RK628CR, **SCANIA:** P230, P270, P310, P340, P380, P420, P470, P480, R230, R270, R310, R340, R380, R420, R470, R480, T340, T380, T420, T470, **VOLVO:** FH12/380 4x4 Globetrotter (c/ motor Volvo D12 Diesel), FH12/380 6x2 P. Lotus 3 eixos (c/ motor Volvo D12 Diesel), FH12/420 4x2 Top-Class (c/ motor Volvo D12 Diesel), FH12/420 6x4 Globetrotter (c/ motor Volvo D12 Diesel), FM12/380 6x4 3 eixos (c/ motor Volvo D12 Diesel), FM12/420 8x4 4 eixos (c/ motor Volvo D12 Diesel), NH12/380 4x2 Globetrotter (c/ motor Volvo D12 Diesel), NH12/380 6x4 3 eixos (c/ motor Volvo D12 Diesel)

Delco **Equivalente /** Replace



UF - 14.150 **Tipo /** Type: **PG150S**

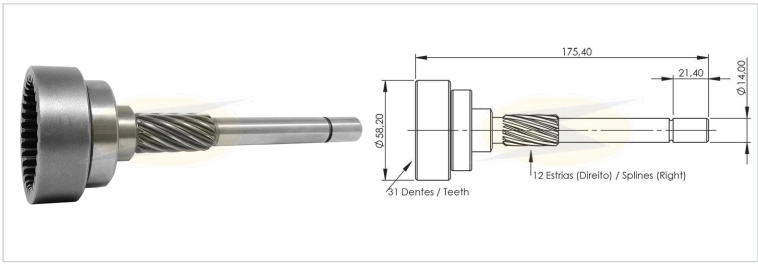
Equivalente / Replace:

Partida / Starter: 9000846, 9000794

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra - Ii (Sohc) 1.8 / 2.0 / 2.2 - 8v Até 03/2001

Reparo da planetária / Repair for Planetary: **R-0063, R-0088**

Delco **Equivalente /** Replace



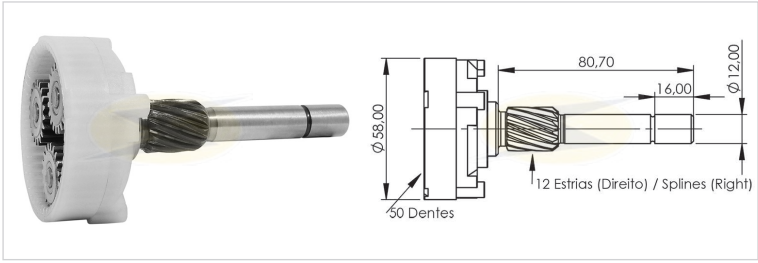
UF - 14.357 **Tipo /** Type: **28MT** (Acompanha rolamento / *bearing include*)

Equivalente / Replace: 10457357 (Eixo Longo / *Long Shaft:* 175,5mm)

Partida / Starter: **DELCO:** 10479626, 10479637, 10479648, 10479650, **MERCEDES BENZ:** A0051512201, A0051517601

Aplicação / Application: **MERCEDES BENZ:** 714 C, 1217 EL, 1318 L, 1419, 1620 L, 1718, 1719, 1726, 1729, 2423 B, 2423 K, 2426, 2429, Accelo 815 / 1016, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Atron 1319 / 2324 / 2729 B / 2729 K / 2729 P, Axor 1933 / 2533 / 2826 / 2828 / 2831 / 2831 B / 2831 K / 2831 P, O500 R, O914 L, OF1418, OF1518, OF1519, OF1721, OF1722, OF1724, 712C, 715, 914C, 915C, 1215, 1218EL, 1218L, 1418EL, 1418L, 1718, 1725, 2423, 2428, LO 914, O 500M, O 500U, OF 1417 com motores OM 904 e OM 906 eletrônicos em 24v, **MARCOPOLO:** Boxer, Torino

Delco **Equivalente /** Replace



UF - 14.368 **Tipo /** Type: **PG260D**

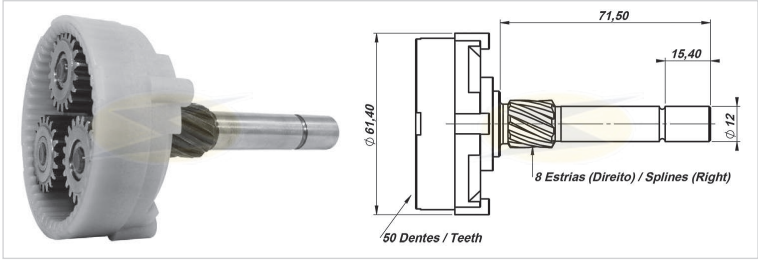
Equivalente / Replace: 10504495, 10452345, 10504514

Partida / Starter: PG260B, 9000981P, 9000890, 9000891, 9000893, 9000944, 9000948, 9000978, 9000981, 8000006, 8000090, 8000158, 8000159, 8000188, 93374341, 93374342, **DELCO:** 8000014, 8000287, 8000538, 8000661, **FIAT:** 7084991, **CHEVROLET-GM:** 93297652, 93297653, 93303527, 93304772, 93327502, 93384398

Aplicação / Application: **CHEVROLET-GM:** Agile 1.0/1.4/1.6 (2009-2015), Celta 1.0/1.4/1.6 (2000-2015), Cobalt 1.0/1.4/1.6 (2011-2013), Corsa Classic 1.0/1.4/1.6 (2003-2015), Corsa 1.0/1.4/1.6 (1994-2014), Montana 1.0/1.4/1.6 (2007-2013), Novo Corsa 1.0/1.4/1.6 (2007-2014), Pick-up Corsa 1.0/1.4/1.6 (1995-2002), Prisma 1.0/1.4/1.6 (2006-2014), Astra, Vectra - Ii(Sohc) 1.8 / 2.0 / 2.2 8v Após 03 / 2001, Ii(Dohc) 2.0 / 2.2 16v, Blazer 4.3 V6 Vortex, Monza 1.8 / 2.0 / 2.2 / 2.4, S10 4.3 V6 Vortex, Zafira 1.8 / 2.0 / 2.2 / 2.4, **CITROEN:** Picasso 2.0 / 2.0 Diesel, **DAEWOO:** Espero 2.0, **FIAT:** Doblò 1.0 / 1.3 / 1.4 / 1.8 Fire, Idea 1.0 / 1.3 / 1.4 Fire, Palio 1.0 / 1.3 / 1.4 / 1.8 Fire, Palio Weekend 1.0 / 1.3 / 1.4 / 1.8 Fire, Punto 1.0 / 1.3 / 1.4 Fire, Siena 1.0 / 1.3 / 1.4 Fire, Stilo 1.8 Flex, Strada 1.0 / 1.3 / 1.4 / 1.8 Fire, **PEUGEOT:** 206 1.9 Diesel, 307 2.0 / 2.0 Diesel, Berlingo 1.9 Diesel, Partner 1.9 Diesel

Reparo da planetária / Repair for Planetary: **R-0064, R-0089**

Delco **Equivalente /** Replace



UF - 14.525 **Tipo /** Type:

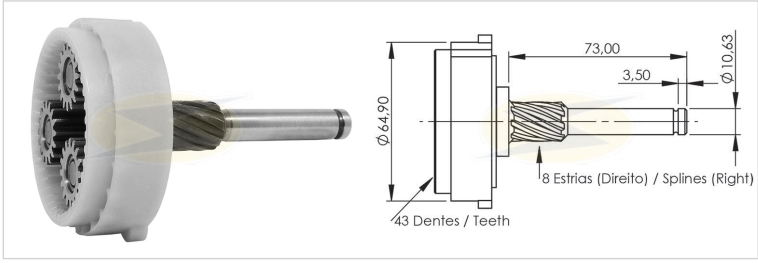
Equivalente / Replace: 10536525

Partida / Starter: 8000660P, PG260B, 8000444

Aplicação / Application: **CHEVROLET-GM:** Onix (2012->), Prisma (2012->)

Reparo da planetária / Repair for Planetary: **R-0064, R-0089**

Delco **Equivalente /** Replace



UF - 14.711 **Tipo /** Type: **PG260D**

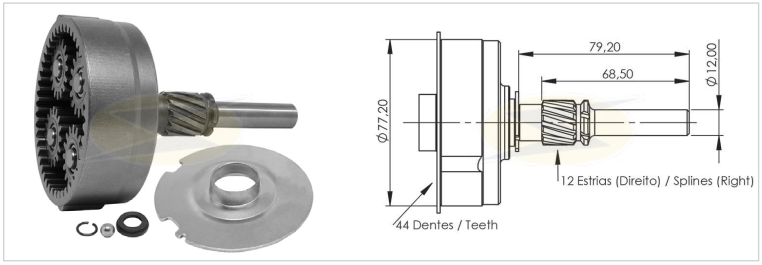
Equivalente / Replace:

Partida / Starter: 10455711

Aplicação / Application: **CHEVROLET-GM:** Omega GLS 95>98, Omega CD 6cc 4.1 mpfi, Suprema CD 6cc 4.1 mpfi

Reparo da planetária / Repair for Planetary: **R-0066, R-0100**

Delco **Equivalente /** Replace



UF - 14.811

Tipo / Type: **29MT** - 12 Estrias (Direito) / *Splines (Right)*

Equivalente / Replace: 10515811, 10515810, 10518783 (impulsor não incluso / *starter drives not included*)

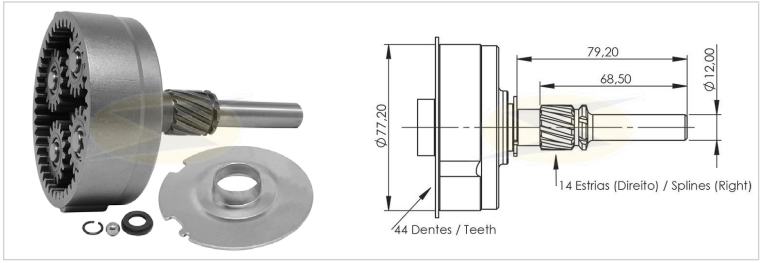
Partida / Starter: 8200003, 8200004, 8200054, 8200064, 8200138, 8200196, 8200231, 8200292, 8200295, 8200296, 8200297, 8200326, 8200331, 8200357, 8200386, 8200474, 8200478, 8200495, 8200511, 8200512, **DELCO:** 8200001, 8200014, 8200065, 8200103, 8200216, 8200249, 8200257, 8200271, 8200387, 8200391, 8200400, 8200521, 8200564, 8200565, 8200570, 8200571, 8200621, 8200622, 8200677, 8200745, 8200796, 8200806, 8200816, 8200826, 8200848, 8200849, 8200850, 8200851, 8200852, 8200853, 8200854, 8200866, 8200874, 8200875, 8200882, 8200883, 8200884, 8200885, 8200886, 8200887, 8200889, 8200890, 8200906, 8300063, 8300064, 10461764, 10461765, 10461770, 19011400, 19011402, 19011403, 19011407, 19011409, **CASE:** 75264240, 75327465, 87739573, **CUMMINS:** 3916854, 3918376, 3918377, 3918378, 3926932, **FORD:** 7C4511001AA, 7C4511001AB, BC4511001BA, **MWM:** 7000428C1, 7003690C1, 7004303C1, 7004304C1, 7004307C1, 905720100108, 905720100109, 905720100110, 905720100111, 905720100112, 905720100113, **VOLKSWAGEN:** 2P0911023B, 2P0911023E, 2R0911023C, 2R0911023E, 2R0911023F, 2R0911023H, 2S0911023A, 2T2911023A, 2W0911023H, JNV911023

Aplicação / Application: **CNH, MERCEDES-BENZ, AGRALE:** 1600, 4500, 5000, 6000, 6150, 7000, 7500, 8000, 8500, 9200, 10000, 13000, 14000, Trator 5065 / 5065.4 / 5075 / 5085, Trator BX4.90 /.100 /.110 /.130 /.150, Trator BX6.110 /.150 /.180, Ônibus MA7.9 / MA8.5 / MA9.2 / MA10.0 / MA12.0 / MA15.0 / MT12.0 / MT15.0, **ATLAS COPCO:** Compressor de ar XA56/76, Compressor de ar XA77/97, **CASE:** Mini pá carregadeira 430 / 440 / 440CT / 450 / 450CT, Motoniveladora 845 / 845.2, Pá carregadeira 521D / 621D / W20 / W130, Retroescavadeira 580 L / 580 L SE, **CHEVROLET-GM:** D20 4.1 (c/ motor Maxion S4), Silverado 4.1 (c/ motor Maxion S4), **DYNAPAC:** Máquinas diversas, **FIAT ALLIS:** Motoniveladora FG140.2, Pá carregadeira FR128, Trator de esteiras 7D, Trator de esteiras FD170, **FORD:** Cargo C 815e / 816 / 1119 / 1317e / 1319 / 1517e / 1519 / 1717e / 1719 / 1722e / 1723 / 1729 / 2422e / 2423 / 2428e / 2429 / 2622e / 2623 / 2628e / 2629, **KOMATSU:** Escavadeira PC200, **MARCOPOLO:** Boxer, Torino, Volare V8 / W8 / W9, **MULLER:** Rolo compactador RT62H / RT82H / VAP55, **NEW HOLLAND:** Motoniveladora RG140, Pá carregadeira 12C, Trator TL60E / TL75E / TL85 / TL85E / TL95E, **RANDON:** Retroescavadeira RD406 / RK406, **RUCKER:** Rebocadores, **VALMET:** Tratores, **VALTRA:** Trator BH180 / BM100, **VOLKSWAGEN:** 8150 Delivery, 9150 E, 10150 E, 13180 E, 15190 E, 17210, 17250, 17250 E, 24250, 24250 E, Constellation 13180 / 15180 / 17260 / 26260 E / 31260 E, Delivery 5150 / 8150 E / 8160 / 9150 E / 9160 / 10150 E / 13180 E / 15190 E, Worker 8120 Euro II / III, Worker 13180 Euro II / III, Worker 15180 Euro III, Worker 17180 Euro III, B8120 OD Euro II / III, B8150 ODC / ODM / FEB, B9150 EOD / ODC, B15190 EOD, B17210 EOD, B17230 EOD / V-tronic, B17260 EOD / V-tronic, **VOLVO:** VM210, VM220, VM240, VM260, VM270, VM310, VM330, B270

Observação: Esta é a planetária 29MT conjunto antigo: Relação 6/12 [6 estrias impulsor (BZM 9999)/12 estrias planetária]. Temos a Planetária 29MT conjunto moderno (UF-14.812): Relação 7/14 [7 estrias impulsor (ZEN 1679)/14 estrias planetária].

Notes: *Planetary Gear for 29MT old model: Gear ratio 6/12 (6 splines Drive (BZM 9999)/ 12 splines Planetary Gear) We have the Planetary Gear for 29MT new model (UF-14.812): Gear ratio 7/14 [7 splines Drive (ZEN 1679)/ 14 splines Planetary Gear].*

Delco **Equivalente /** Replace



UF - 14.812

Tipo / Type: **29MT**

Equivalente / Replace: 10515810, 10518783, 10515810, 10515811 (Com 14 estrias / *with 14 splines*)

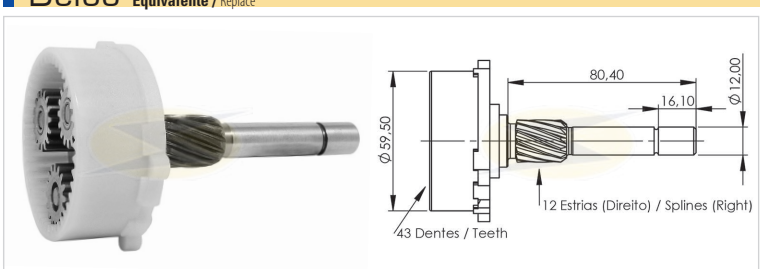
Partida / Starter: 8200003, 8200004, 8200054, 8200064, 8200138, 8200196, 8200231, 8200292, 8200295, 8200296, 8200297, 8200326, 8200331, 8200357, 8200386, 8200474, 8200478, 8200495, 8200511, 8200512, 8000090, 8000158, 8000159, 8000188, 93374341, 93374342, **DELCO:** 8200810, 8201097, 10461771, 10461772, **MERCEDES BENZ:** A0051512201, A0051518301, A0051518501, A0051518502, A0061512101, A0061516701, A0071513401, A3761510201, A3761510301, A3761510401, A3761510501

Aplicação / Application: **CNH, FORD, VOLVO, VOLKSWAGEN, MERCEDES BENZ:** 710, 712 C, 712 E, 714 C, 715, 815, 915 C, 1016, 1215, 1218 EL, 1218 L, 1315, 1318 L, 1319, 1418, 1418 EL, 1418 L, 1418 R, 1419, 1518, 1620 L, 1718, 1719, 1720, 1720 A, 1720 K (basculante), 1725, 1726, 1726 4x4, 1729 S, 1933, 2324, 2423, 2423 B (betoneira), 2423 K (basculante), 2425, 2426 6x2, 2428, 2429 6x2, 2533, 2729 B (betoneira), 2729 K (basculante), 2729 P 6x4 (plataforma), 2826, 2828, 2831, 2831 K (basculante), Accelo, Atego, Atron, Axor, O500 M / U / R, O712, O812, O814, O914, OF1417, OF1418, OF1518, OF1519, OF1721, OF1722, OH1420, OH1621 L, OH1623 L.

Observação: Esta é a planetária 29MT conjunto moderno: Relação 7/14 [7 estrias impulsor (ZEN 1679)/14 estrias planetária]. Temos a Planetária 29MT conjunto antigo (UF-14.811): Relação 6/12 [6 estrias impulsor (BZM 9999)/12 estrias planetária].

Notes: *Planetary Gear for 29MT new model: Gear ratio 7/14 (7 splines Drive (ZEN 1679)/ 14 splines Planetary Gear) We have the Planetary Gear for 29MT old model (UF-14.811): Gear ratio 6/12 [6 splines Drive (BZM 9999)/ 12 splines Planetary Gear]*

Delco **Equivalente /** Replace



UF - 14.890

Tipo / Type: **PG260G/D**

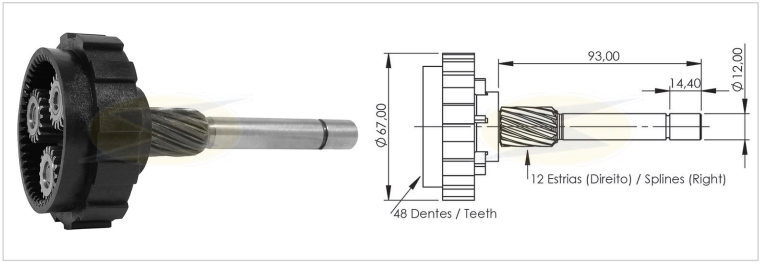
Equivalente / Replace: 10492410, 10539148

Partida / Starter: 8000014, 9000 890, 9000871, DELCO: 8000000, 8000012, 8000013, 8000029, 8000037, 8000041, 8000046, 8000051, 8000052, 8000059, 8000061, 8000072, 8000104, 8000106, 8000107, 8000108, 8000136, 8000152, 8000172, 8000173, 8000197, 8000198, 8000202, 8000210, 8000211, 8000226, 8000230, 8000239, 8000257, 8000259, 8000282, 8000295, 8000382, 8000383, 8000396, 8000669, 8100000, 8100002, 8100009, 8100011, 8100021, 8100034, 9000841, 9000842, 9000854, 9000857, 9000858, 9000870, 9000872, 9000873, 9000875, 9000876, 9000877, 9000879, 9000880, 9000881, 9000882, 9000884, 9000885, 9000886, 9000887, 9000889, 9000897, 9000904, 9000906, 9000910, 9000916, 9000918, 9000920, 9000921, 9000925, 9000927, 9000928, 9000929, 9000937, 9000941, 9000957, 9000964, 9000968, 9000971, 9000972, 9000975, 9000979, 10465421, 10465462, 10465463, 10465520, 10465523, 10465524, 10465525, 10465526, 10465547, 10465548, 10465549, 10465550, 10465558, 10465559, 10465560, 10465561, 10465577, 10465578, 10465579, 10465582, 10465587, 10465591, 10465606

Aplicação / Application: **CHEVROLET-GM:** Blazer e S-10 C/ Motor Vortec V6 4.3, Silverado 6.0 V8 (c/ motor Vortex), **CLARK:** Empilhadeiras, **HYSTER:** Empilhadeiras, **YALE:** Empilhadeiras

Reparo da planetária / Repair for Planetary: **R-0071, R-0097**

Delco **Equivalente /** Replace



UF - 14.910 **Tipo /** Type: **PG260M / PMGR**

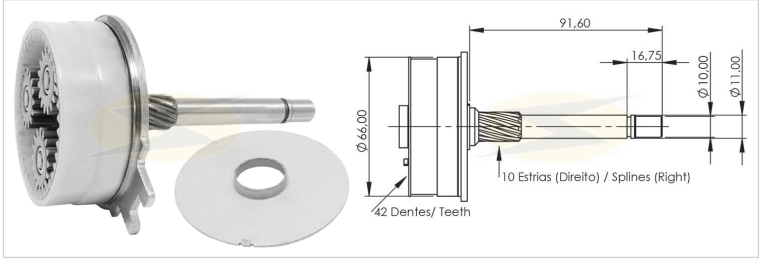
Equivalente / Replace: 10475626, 10475632

Partida / Starter: 9 000 786, 9 000 798, 9 000 804, 9 000 805, 9 000 806, 9 000 812, 9 000 819, 9 000 820, 9 000 821, 9 000 827, 9 000 834, 9 000 835, 9 000 844, 9 000 850, 9 000 851, 9 000 853, 9 000 860, 9 000 861, 9 000 862, 9 000 863, 9 000 864, 9 000 866, 9 000 867, 9 000 899, 9 000 900, 9 000 910, 10476598, **DELCO:** 8000017, 9000822

Aplicação / Application: **CLARK, CHEVROLET-GM:** Astra 2.2, Blazer 4.3, C1500, C1500 Suburban, C2500, C2500 Suburban, C3500, C3500hd, Express 1500, Express 2500, Express 3500, G20, G30, K1500, K1500 Suburban, K2500, K2500 Suburban, K3500, P30, S10 4.3, S10 Blazer, Silverado 6.0, Silverado 2500, Silverado 2500 Hd, Silverado 3500, Suburban 2500, Tahoe, (All Engines (1989→2000) 4.3 V6 262 Cid / 5.0 V8 305 Cid / 5.7 V8 350 Cid / (1989→2000) 7.4 V8 454 Cid, Malibu, Vectra 2.2, Zafira 2.2, **ALFA ROMEO:** 159 2.2, Spider 2.2, **FIAT:** Croma 2.2, **HYSTER:** Empilhadeira H80 XM **CADILLAC:** Escalade 5.7 V8, **GMC:** C1500, C1500 Suburban, C2500, C2500 Suburban, C3500, C3500hd, G2500, G3500, Jimmy, K1500, K1500 Suburban, K2500, K2500 Suburban, K3500, P3500, S15, S15 Jimmy, Safari, Savana 1500 / 2500 / 3500, Sierra, 2500 Hd, Sierra 3500, Sonoma, Yukon, Yukon Xl 2500, (All Engines (1989→2000) 4.3 V6 262 Cid/ 5.0 V8 305 Cid/ 5.7 V8 350 Cid / (1989→2000) 7.4 V8 454 Cid, **ISUZU:** Hombre 4.3l V6 (1996→1998), **OLDSMOBILE:** Bravada 4.3l V6 (1996→1998)

Reparo da planetária / Repair for Planetary: **R-0065, R-0091**

Denso **Equivalente /** Replace



UF - 17.420 **Tipo /** Type:

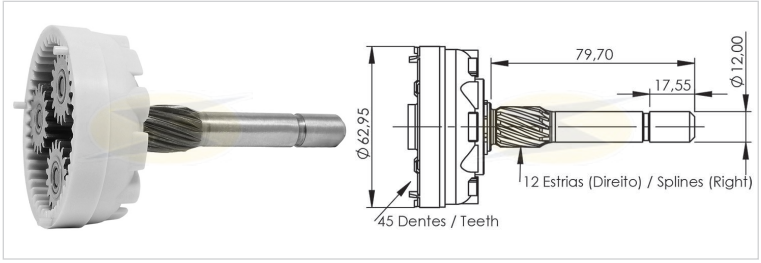
Equivalente / Replace:

Partida / Starter: 428000 8420, **LAND ROVER:** BJ3211001AC

Aplicação / Application: **LAND ROVER:** Freelander 2.0 Si4 4x4 / LR2 2.0, Range Rover Evoque 2.0 Si4 4x4, Discovery Sport 2.0L

Reparo da planetária / Repair for Planetary: **R-0136**

Ford / Motorcraft **Equivalente /** Replace



UF - 13.119 **Tipo /** Type:

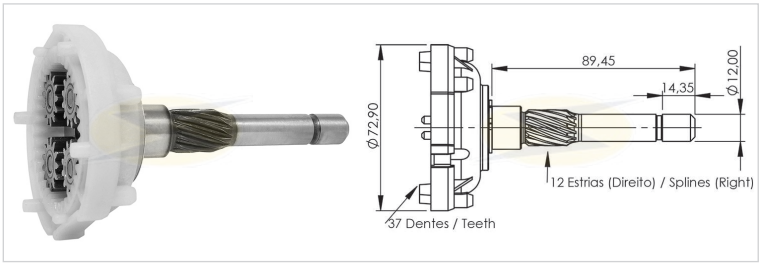
Equivalente / Replace:

Partida / Starter: 96FB 11000, 96BB 11000 AA 7.119 BI

Aplicação / Application: **FORD:** Escort 1.8 / 2.0 16V Zetec, Mondeo 1.8 / 2.0 16V Zetec, Fiesta, Ka

Reparo da planetária / Repair for Planetary: **R-0059, R-0074, R-0084**

Ford / Motorcraft **Equivalente /** Replace



UF - 13.120 **Tipo /** Type:

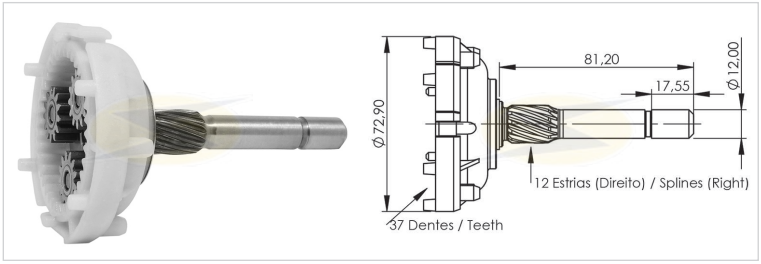
Equivalente / Replace:

Partida / Starter: F8TU-11.000 DD 9251-AI

Aplicação / Application: **FORD:** Ranger V6 4.0, Ecosport, Explorer V6 4.0 Gas.

Reparo da planetária / Repair for Planetary: **R-0067, R-0092**

Ford / Motorcraft **Equivalente /** Replace



UF - 13.121 **Tipo /** Type: (Eixo curto / *Short shaft*)

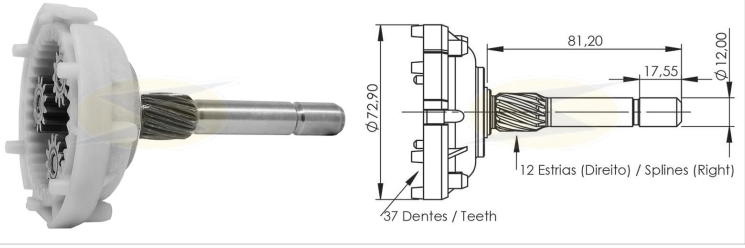
Equivalente / Replace:

Partida / Starter: F07UAA716A, F07U11000AA, F37U11131BA, F3TU11131AA

Aplicação / Application: **FORD:** F1000 4.0, Ranger 4.0 gas, Explorer 4.0

Reparo da planetária / Repair for Planetary: **R-0067, R-0093**

Ford / Motorcraft **Equivalente /** Replace



UF - 13.122 **Tipo /** Type: (Eixo longo / *Long shaft*)

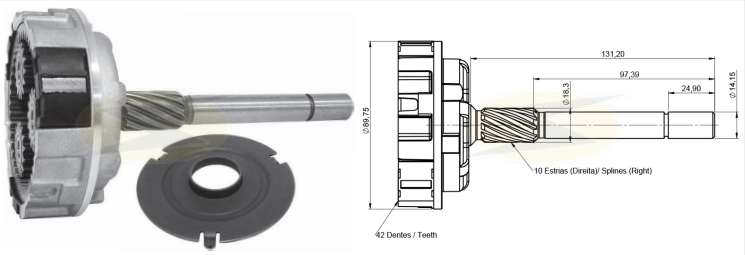
Equivalente / Replace:

Partida / Starter: F2TUAA7C27A, **FORD:** F2TU11000AA

Aplicação / Application: **FORD:** F4000, F150, F1000, F-1000 (gas.), F-4000 4.9 l.

Reparo da planetária / Repair for Planetary: **R-0067, R-0093**

Iskra **Equivalente /** Replace



UF - 18.446 **Tipo /** Type:

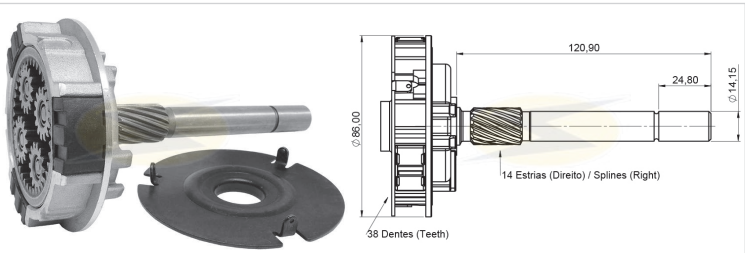
Equivalente / Replace: 16 911 446, MSX 533

Partida / Starter: 11 131 848, 11 131 292, 11 131 697, 11 131 711, 11 132 113, AZF4181, AZF4224, AZF4186, AZF4301, AZF4576

Aplicação / Application: **JCB:** 524-50-AGRI, 526-56-AGRI, 527-55-AGRI, 531-70-AGRI, 535-95-AGRI, 536-60-AGRI, 536-70-AGRI, 541-70-AGRI, Retroescavadeira 2CX, 3CX/PLUS/CLL, 4CX, Carregadeira compacta 225T, DIESELMAX NA,TC,TCA, TC,TCA, TCA, ECOMAX TCAE, Motores JCB444, GEN-SETS G66 QX, LOADALL 526-56, 527-58, 531-70, 533-105, 535-125-HiViz, 535-140-HiViz, 535-95, 536-60, 540-140, 540-170, 541-70, 550-140, 550-170, 550-80, Carregadeira 540-140, Empilhadeiras 926-2WD/4WD, 930-2WD/4WD, 940-2WD/4WD, Minicarregadeira 110/HF, 190/HF, 225, 226 T, 260, 260T, 280, 300, 300 T, 320T, 325 T, 330, TELEMASTER TN 220 Agri, TM 180 Agri, TM 310 AGRI, TM 310-WM, TM 320, TM 320 S, TM 320 VM, Manipulador telescópico 535-95, 540-140, 540-200, Rolo compressor VM115PD/HD/HPD, VM137, VTM860, WASTEMASTER Manipulador telescópico 527-55-WM, 531-70-WM, 541-70-WM, WASTMASTER Minicarregadeira 110-WM, 190-WM, Tratores 411HT,WM, 411HT-SHL,WM, 412-AGRI, 412-WM, 414-WM, 414S-AGRI, 416-WM, 416HT, 416S-AGRI, MOSA GE 125 JSX, Motores SM100-125 B, SM125-175 A, SM125-175 B, SM125-175 B3

Reparo da planetária / Repair for Planetary: **R-0156**

Iskra **Equivalente /** Replace



UF - 18.623 **Tipo /** Type:

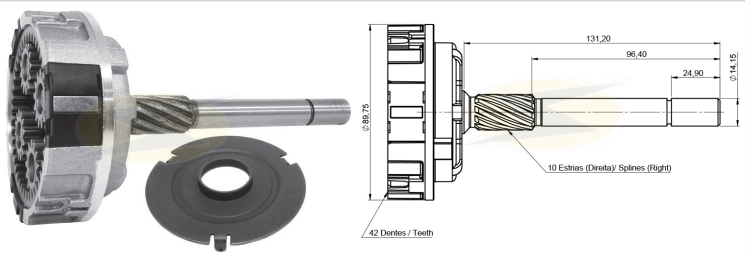
Equivalente / Replace: 16 911 623, MSX1282

Partida / Starter: 11 131 112, 11 131 279, 11 131 315, 11 131 526, 11 131 535, 11 131 570, 11 131 605, 11 131 606, 11 131 659, 11 131 716, 11 131 731, 11 131 751, 11 131 761, 11 131 780, 11 131 781, 11 131 821, 11 131 833, 11 131 890, 11 131 892, 11 131 921, 11 131 932, 11 131 942, 11 131 946, 11 131 947, 11 131 951, 11 131 956, 11 131 964, 11 131 966, 11 131 983, 11 131 984, 11 131 989, 11 132 050, 11 132 051, 11 132 057, 11 132 058, 11 132 067, 11 132 068, 11 132 084, 11 132 144, 11 132 154, 11 132 155, 11 132 156, 11 132 158, 11 132 159, 11 132 160, 11 132 165, 11 132 166, 11 132 168, 11 132 173, 11 132 182, 11 132 193, 11 132 196, 11 132 227, 11 132 278, 11 132 279, 11 132 293, 11 132 305, 11 132 306, 11 132 324, 11 132 332, 11 132 344, AZE4536, AZE4573, AZE4579, AZE4123, AZE4125, AZE4139, AZE4150, AZE4151, AZE4165, AZE4167, AZE4169, AZE4170, AZE4172, AZE4173, AZE4183, AZE4185, AZE4190, AZE4192, AZE4194, AZE4195, AZE4197, AZE4199, AZE4201, AZE4202, AZE4204, AZE4207, AZE4208, AZE4213, AZE4214, AZE4215, AZE4221, AZE4222, AZE4223, AZE4224, AZE4226, AZE4227, AZE4228, AZE4234, AZE4239, AZE4240, AZE4241, AZE4243, AZE4244, AZE4245, AZE4247, AZE4248, AZE4250, AZE4252, AZE4254, AZE4255, AZE4256, AZE4261, AZE4265, AZE4266, AZE4268, AZE4269, AZE4270, AZE4272, AZE4273, AZE4276.

Aplicação / Application: **ATLAS COPCO:** Gerador QAS60 / QAS80 / QAS100, **BOBCAT:** Manipulador telescópico T2256 / T2566 / T3571 / T35100 / T35120 / T40140 / T40170 / TL360 / TL470 / TR40250 / TR45190 / T50120, **CASE:** Mini pá carregadeira SR200 / SR250 / SV250 / SV300, Retroescavadeira 580 ST / 590 SN / 590 ST / 695 ST, Trator 1394 / 1494 / 1594 / 1690 / 1694 / 2094 / 2294 / 2394, Trator Farmall 55 / 65 / 75 / 85 / 95 / 105 / 110 / 115, Trator JX 60 / 70 / 80, Trator Quantum 65 / 75 / 85, **IVECO:** 50-8, 50-9, 55-8, 60-8, 60-11, 65-9, 65-12, 75-12, 75-14, 79-12, JCB (Máquinas): Escavadeira 817 / 818 / 820, Pá carregadeira 420 / 430, Retroescavadeira 3CX-4 / 4CX, **JOHN DEERE:** Colheitadeiras, Tratores, **LINDE:** Empilhadeira H35D, **MASSEY FERGUSON:** Trator MF6270 / MF6280 / MF6290 / MF8140 / MF8150 / MF8250 / MF8260 / MF8270 / MF8280, **NEW HOLLAND:** Trator T4020 / T4030 / T4040 / T4050,Trator de esteiras TK4020 / K4030 / TK4040 / TK4050 / TK4060, **TEREX:** Pá carregadeira TL160, Retroescavadeira TLB840 / TLB890.

Reparo da planetária / Repair for Planetary: **R-0150**

Iskra **Equivalente /** Replace



UF - 18.944 **Tipo /** Type:

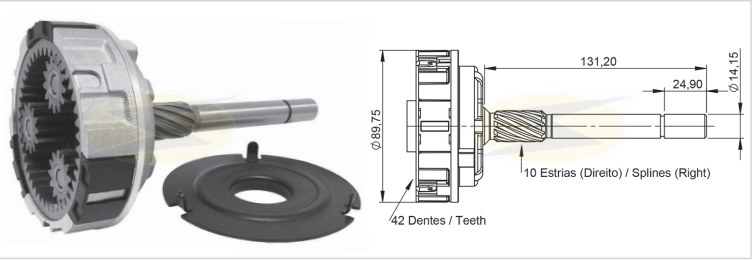
Equivalente / Replace: 16 912 944, MSX 1444

Partida / Starter: 11 131 995, 11 132 230, 11 131 849, 11 131 805, 11 131 303

Aplicação / Application: **HATZ:** 1B40 0 5, **JCB:** Motores 4.4 / 4.8

Reparo da planetária / Repair for Planetary: **R-0160**

Iskra **Equivalente /** Replace



UF - 18.832 **Tipo /** Type:

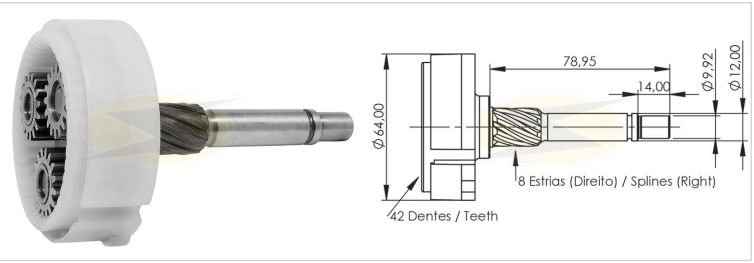
Equivalente / Replace: 16 904 832, MSX609

Partida / Starter: **11 130** 728 / 729 / 730 / 748 / 785 / 793 / 836 / 841 / 842 / 904 / 944 / 945 / 999, **11 131** 014 / 060 / 065 / 077 / 145 / 150 / 167 / 191 / 228 / 237 / 254 / 266 / 271 / 274 / 300 / 318 / 335 / 352 / 356 / 357 / 359 / 374 / 375 / 376 / 382 / 398 / 399 / 407 / 430 / 433 / 436 / 452 / 464 / 488 / 490 / 507 / 508 / 520 / 524 / 542 / 550 / 573 / 574 / 575 / 602 / 604 / 611 / 612 / 613 / 640 / 658 / 705 / 706 / 709 / 723 / 727 / 763 / 775 / 776 / 782 / 783 / 784 / 790 / 797 / 811 / 829 / 841 / 846 / 855 / 856 / 862 / 863 / 883 / 893 / 894 / 896 / 897 / 898 / 900 / 920 / 929 / 930 / 945 / 965 / 987, **11 132** 008 / 012 / 027 / 041 / 042 / 045 / 046 / 047 / 056 / 062 / 066 / 069 / 070 / 073 / 083 / 086 / 094 / 099 / 106 / 118 / 122 / 123 / 125 / 149 / 150 / 164 / 170 / 174 / 175 / 176 / 183 / 188 / 189 / 194 / 197 / 198 / 236 / 259 / 260 / 262 / 268 / 270 / 276 / 290 / 291 / 302 / 310 / 325 / 328 / 356 / 359 / 370, AZF4507, AZF4508, AZF4509, AZF4510, AZF4511, AZF4521, AZF4513, AZF4514, AZF4515, AZF4520, AZF4527, AZF4528, AZF4535, AZF4538, AZF4541, AZF4542, AZF4545, AZF4553, AZF4554, AZF4559, AZF4562, AZF4569, AZF4570, AZF4571, AZF4575, AZF4572, AZF4573, AZF4577, AZF4582, AZF4588, AZF4591, AZF4592, AZF4593, AZF4594, AZF4596, AZF4597, AZF4106, AZF4598, AZF4103, AZF4104, AZF4108, AZF4115, AZF4116, AZF4119, AZF4121, AZF4122, AZF4129, AZF4130, AZF4131, AZF4132, AZF4135, AZF4137, AZF4141, AZF4143, AZF4146, AZF4147, AZF4148, AZF4154, AZF4155, AZF4158, AZF4159, AZF4160, AZF4164, AZF4170, AZF4183, AZF4184, AZF4185, AZF4187, AZF4190, AZF4196, AZF4554, AZF4201, AZF4204, AZF4205, AZF4206, AZF4207, AZF4209, AZF4214, AZF4220, AZF4222, AZF4237, AZF4227, AZF4228, AZF4229, AZF4230, AZF4240, AZF4242, AZF4243, AZF4245, AZF4246, AZF4247, AZF4248, AZF4251, AZF4253, AZF4254, AZF4258, AZF4260, AZF4266, AZF4269, AZF4270, AZF4273, AZF4276, AZF4277, AZF4279, AZF4280, AZF4281, AZF4283, AZF4284, AZF4286, AZF4287, AZF4288, AZF4291, AZF4292, AZF4294, AZF4295, AZF4296, AZF4298, AZF4304, AZF4305, AZF4306, AZF4308, AZF4315, AZF4316, AZF4318, AZF4319, AZF4320, AZF4321, AZF4322, AZF4324, AZF4326, AZF4327, AZF4329, AZF4330, AZF4331, AZF4341, AZF4345, AZF4346, AZF4347, AZF4349, AZF4350, AZF4352, AZF4356, AZF4357, AZF4360, AZF4361, AZF4362, AZF4364, AZF4369, AZF4370, AZF4374

Aplicação / Application: **CHALLENGER:** Colheitadeira 652C / 660B / 670B / 672C, Pulverizador (gafanhoto) RoGator RG635B / RG645B / RG655B / RG1100 / RG1300, Trator TerraGator TG845, Trator de esteiras MT665D / MT685D / MT745D / MT755D / MT755E / MT765D / MT765E / MT775E, **BOBCAT:** Mini pá carregadeira 975, **CASE:** Tratores CS / CVX / JX / JXU / Maxxum / MXU / MXM / Puma / Quantum, **JOHN DEERE:** Colheitadeiras, Retroescavadeira 210C / 210LE / 300B/D / 310C/B/D/E/G / 315C/D/CH/G / 410C/E/G / 610C / JD310 / JD350A / JD400A / JD450A/B/C, Tratores, **KOMATSU:** Retroescavadeira WB97S-5, **MAN:** Caminhões 6100 / 8100 / 8113 / 8150 / 8153 / 8163 / 8185 / 8220 / 8223 / 8224 / 9150 / 9153 / 9163 / 9185 / 9223 / 9224 / 10145 / 10150 / 10153 / 10163 / 10220 / 10223 / 10224 / 11150 / 11190 / 11220 / 11230 / 12152 / 12162 / 12163 / 12192 / 12222 / 12224 / 12232 / 12255 / 12262 / 12264 / 12272 / 12284 / 12285 / 13220 / 13230 / 14152 / 14162 / 14163 / 14192 / 14220 / 14222 / 14224 / 14232 / 14262 / 14264 / 14272 / 14282 / 15163 / 15224 / 15264 / 15284 / 17192 / 17222 / 17232 / 17272 / 18192, 18220 / 18222 / 18224 / 18232 / 18262 / 18264 / 18272 / 18284 / 20224 / 20264 / 20284 / 24192 / 24222 / 24232 / 24262 / 24272 / 25224 / 26225 / 26285 / LE160C / LE180C / LE220C / ME220B / ME250B / ME280B, Ônibus NM152 / NM182 / NM192 / NM222 / NM223 / SM152 / SM192, **MASSEY FERGUSON:** Tratores, **MERCEDES-BENZ:** Vario, Ônibus O520 (Cito) / O530 (Citaro), **NEW HOLLAND:** Colheitadeira HW300 / HW320 / HW340, Tratores T6 / T7 / TB / TM / TS / TV, **VALMET:** Tratores, **VALTRA:** Tratores, **ZETOR:** Tratores, **CATERPILLAR:** Máquinas Challenger diversas.

Reparo da planetária / Repair for Planetary: **R-0146**

Mitsubishi **Equivalente /** Replace



UF - 15.100 **Tipo /** Type:

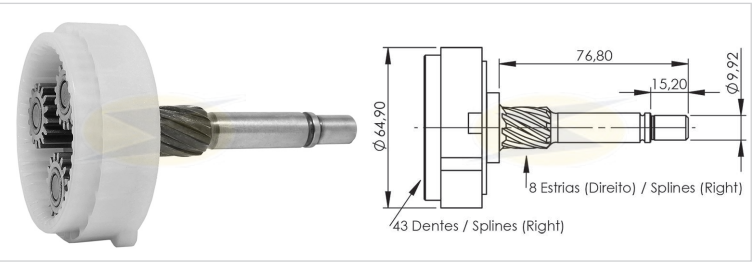
Equivalente / Replace:

Partida / Starter: **MITSUBISHI:** M000T 80081, M000T 80381, M000T 80881, M000T 80981, M000T 81081, M000T 82081, M000T 82081ZE, M000T 92581, **CITROEN:** 9656 3176 8003, **HYUNDAI:** 361 003 E020

Aplicação / Application: **NISSAN, MAZDA:** 323 VI 1.4 / 1.5 16V, 626 V 1.8 / 2.0, MPV II 2.0 16V, MX-5 II 1.6i / 1.8i, Premacy 1.8 / 2.0, Fp13-18-X56 – Mxsmiata, Protege, Mpv, **CHEVROLET-GM:** S-10, Micro Ônibus Volare, KIA: Rio I 1.3 / 1.5, **MARCOPOLO:** Volare, **CITROEN:** C4 Pallas VTR, C5 2.0, Picasso 2.0 16V (2004-2009), **PEUGEOT:** 206, 306, 407, 307, **MITSUBISHI:** Pajero 2.0

Reparo da planetária / Repair for Planetary: **R-0070, R-0096**

Mitsubishi **Equivalente /** Replace



UF - 15.101 **Tipo /** Type:

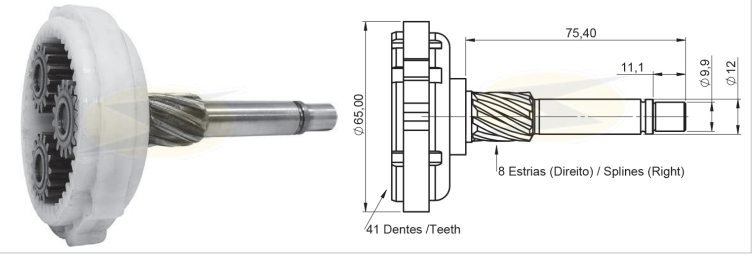
Equivalente / Replace:

Partida / Starter: M001T79781, M001T74287ZC

Aplicação / Application: **CLARK:** Empilhadeira / Forklift, **MITSUBISHI:** Empilhadeira / Forklift FG25, Pajero V6 Gas, **CATERPILLAR:** Máquinas diversas

Reparo da planetária / Repair for Planetary: **R-0066, R-0100, R-0103**

Mitsubishi **Equivalente /** Replace



UF - 15.102 **Tipo /** Type:

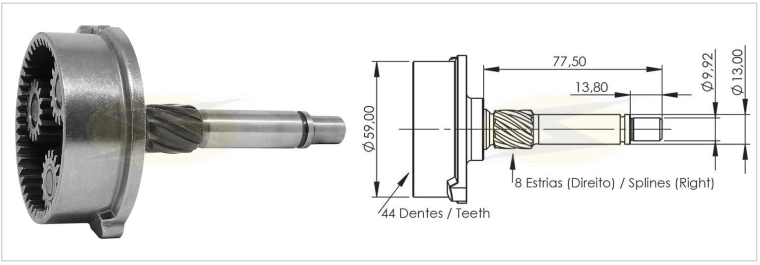
Equivalente / Replace:

Partida / Starter: **MITSUBISHI:** M000T1627ZC, **FORD:** 9E5T-11000-AC

Aplicação / Application: **FORD:** Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010)

Reparo da planetária / Repair for Planetary: **R-0154**

Mitsubishi **Equivalente /** Replace



UF - 15.103 **Tipo /** Type:

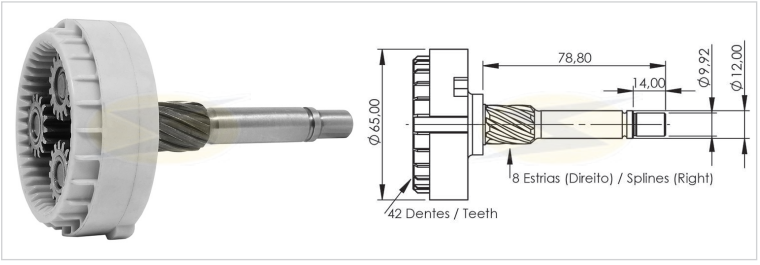
Equivalente / Replace:

Partida / Starter: M 002 T87 771, M 002 T87 171 ZT, **MITSUBISHI:** M002T80081, M002T80681

Aplicação / Application: **VOLARE, CHEVROLET-GM:** S-10 C/ Motor MWM 4 CC 2.8 Sprint, **MITSUBISHI:** L200 Sport Hpe, L300, **TROLLER:** T4 2.8 Td Mwm 4 Cc Sprint (2001->), **HONDA:** Legend II 3.2i V6 / III 3.5 V6 / IV 3.5 V6

Reparo da planetária / Repair for Planetary: **R-0101, R-0102, R-0103**

Mitsubishi **Equivalente /** Replace



UF - 15.104 **Tipo /** Type:

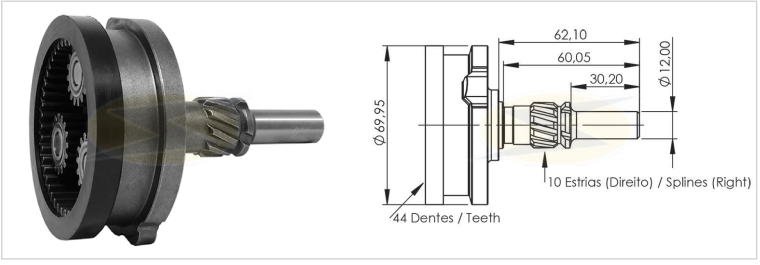
Equivalente / Replace:

Partida / Starter:

Aplicação / Application: **RENAULT, HYSTER:** Empilhadeira / Forklift

Reparo da planetária / Repair for Planetary: **R-0073, R-0098, R-0103**

Mitsubishi **Equivalente /** Replace



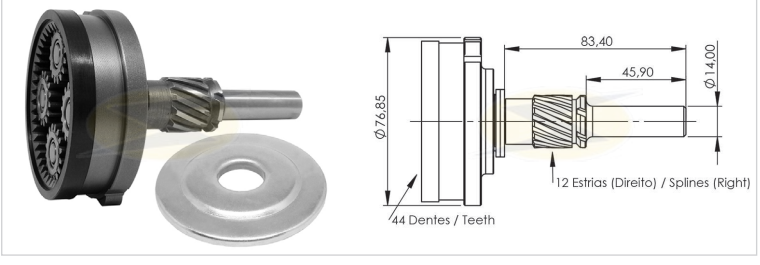
UF - 15.105 **Tipo /** Type: **4M40**

Equivalente / Replace: 14037, 14038, 14039, 14068

Partida / Starter: M008T75071A, ME20442

Aplicação / Application: **MITSUBISHI:** Pajero Full 4cc 2.8 Turbo Diesel (Motor / Engin E 4m40), Montero Full 4cc 2.8 Turbo Diesel (Motor / Engin E 4m40), Shogun Ii / Iii / Classic 4cc 2.8 Diesel (Motor / Engin E 4m40), Galant Mk Vi, Canter Flatbed

Mitsubishi **Equivalente /** Replace



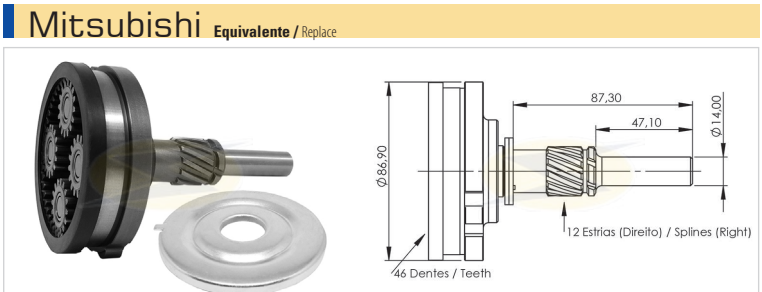
UF - 15.106 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: M9T62572ZA, M9T62671, M009T66171, M9T61671, 861178, **MITSUBISHI:** M9T62173ZA

Aplicação / Application: **IVECO:** Stralis 190 / 260 / 400 / 440 / 440 S50 / 440 S54 / 440 S56, Trakker 160 T38 / 190 T38 / 190 T44 / 190 T45, Eurostar 190 / 260 / 440, Eurotech 190 / 260 / 440, Eurotrakker 190 / 260 / 340 / 380 / 400 / 410 / 440 / 720, Stralis 190 / 260 / 400 / 440, Stralis L 190 / 260 / 440, Trakker 190 / 260 / 340 / 380 / 400 / 410 / 440 / 720, Trakker N 190 / 260 / 340 / 380 / 400 / 410 / 440 / 720, **FORD:** L6000 / 7000 / 8000 / 9000 C/ Motor Cummins Ism De 1985 A 1999, **FREIGHTLINER:** C/ Motor Caterpillar De 1999 A 2007, **VOLVO:** Vhd Series De 1998 A 2003 Cummins Ism, Vnm Series De 1997 A 2003 Cummins Ism, Wa / Wc / Wg / Wh / Wi / Wx, Series De 1997 A 2001 Cummins Ism, 9700 / 9900, B 12 B / Fh 12 340 / 12 380 / 12 420 / 12 460 / 12 500, Fh 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520 / 540, Fm 12 340 / 12 420, Fm 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500 , **VOLKSWAGEN:** 13-180 / 15-180 / 17-210 / 17-240 / 17-260 / 26-260 / 31-260 / 24-280, Constellation

Mitsubishi **Equivalente /** Replace



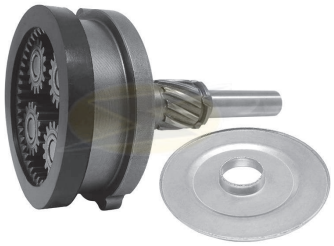
UF - 15.107 **Tipo /** Type:

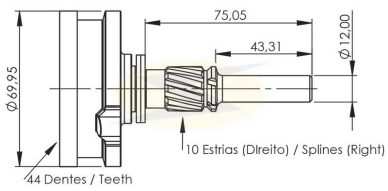
Equivalente / Replace:

Partida / Starter: M9T82171, M9T80472

Aplicação / Application: **MERCEDES BENZ:** Axor 2035 / 2040 / 2044 / 2540 / 2544 / 2640 / 2644 / 3340 / 3344, Actros 1832 / 1846 / 1850 / 1854 / 1858 / 2032 / 2046 / 2050 / 2054 / 2532 / 2546 / 2550 / 2554 / 2558 / 2632 / 2646 / 2650 / 2654 / 2658 / 3232 / 3246 / 3332 / 3346 / 3350 / 3354 / 3358 / 4146 / 4150, Actros Bluetec 1832 / 1836 / 1841 / 1844 / 1846 / 1848 / 1851 / 1855 / 1860 / 2032 / 2036 / 2041 / 2044 / 2046 / 2048 / 2051 / 2055 / 2532 / 2536 / 2541 / 2544 / 2546 / 2548 / 2551 / 2555 / 2560 / 2632 / 2636 / 2641 / 2644 / 2646 / 2648 / 2651 / 2655 / 3232 / 3236 / 3241 / 3244 / 3246 / 3248 / 3332 / 3336 / 3341 / 3344 / 3346 / 3348 / 3351 / 3355 / 3360 / 4141 / 4144 / 4146 / 4148 / 4151, Actros 1861 Black Edition, Ls 1634, O 345 G, O 500 Ma, O 500 Rs-Rsd, O 530 Gn3 (Citaro), O 530 Cn3 Uestra (Citaro), O 530 Gnue3 (Citaro), O 530 N3 (Citaro), O 530 N3 Lang (Citaro), O 580 Rhd-17 (Travego), Tourismo 15 Rhd/Shd

Mitsubishi **Equivalente /** Replace





UF - 15.108 **Tipo /** Type:

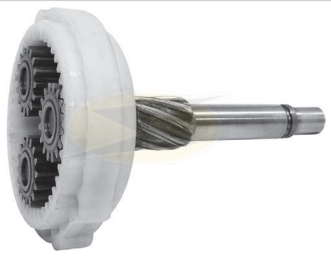
Equivalente / Replace:

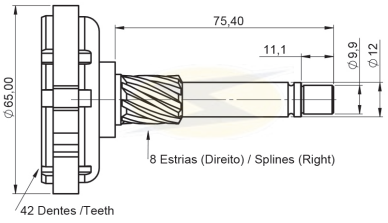
Partida / Starter: M8T62671, **MAN:** 51262017236

Aplicação / Application: **MAN:** Series: 7 / 8 / 10 / 12 / 13 / 15 / 18 / 26, **VOLKSWAGEN:** Constellation 17.280, 24.280

Reparo da planetária / Repair for Planetary: **R-0137, R-0142**

Mitsubishi **Equivalente /** Replace





UF - 15.109 **Tipo /** Type:

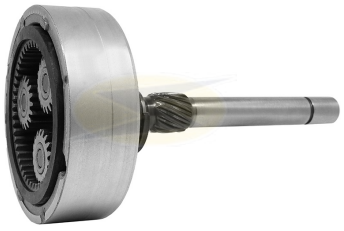
Equivalente / Replace:

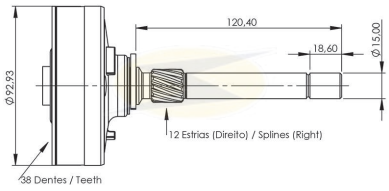
Partida / Starter: M000TD1371ZE

Aplicação / Application: **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa

Reparo da planetária / Repair for Planetary: **R-0155**

Prestolite **Equivalente /** Replace





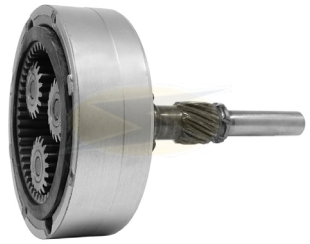
UF - 12.100 **Tipo /** Type: **M100R**

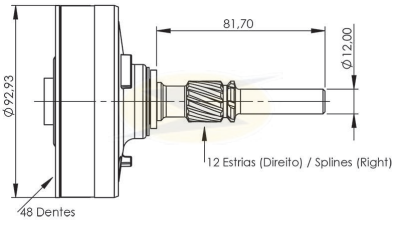
Equivalente / Replace: K01497, K01571, M5206020

Partida / Starter: 35259200, 35259260, 35259290, 35259340, 35259360, 35259440, 35259450, 35259460, 35259520, 35259550, 35259730, 35259770, 35259780, 35259810, 35259830, 35259840, 35260830, 35260840, 35260870, 35261000, 35261050, 35261130, 35261160, 35261185, 35261900, 35262010, **PRESTOLITE:** 352 59 240, 352 61 770, 352 62 020, 352 62 130, **FORD:** 96HU11001AA, **MWM:** 905720100092, 905720100094, **VOLKSWAGEN:** 2W0911023A, ETF3944023, TAR911023

Aplicação / Application: **AGRALE:** Marruá Mwm Sprint 4.07, **CATERPPILAR:** Blue Bird Usa Cat 3126 7.2 - Blue Bird Usa Cat 3126 7.2 (Ocp), **CUMMINS:** Cummins Isb02 5.8 - Cummins C 8.3 Cummins B, **JOHN DEERE:** 7820 6081h 6 Cil. Ceifeira 1550 6081h 6 Cil. 8.12 - Trator 6 Cil. **FORD:** Cummins B 5.9, Cargo 2422/ 2425/ 2630 Cummins 6ctaa 8.3 - Cargo 2425 Mixer Cummins 6ctaa 8.3, Cargo 1622, **FREIGHTLINER:** Navistar V8 7.3, **GRADALL:** Trator 4045 John Deere 4 Cil. 4.5, **INTERNACIONAL ENGINES:** Caminhão Navistar Dt446 - I6 7.6 - Dt444e - V8 7.3 - Dt-360 5.9, **VALTRA:** Trator BM110, Trator Bh140/ Bh160/ Bh180 Sisu 6cil. - Trator BI77 Sisu 3cil. - Trator Bi88 Sisu 4 Cil. - Trator Bm100/ Bm120 Sisu 4cil. - Trator Liviano 685c /785c Mwm 3 Cil. - Trator Pesado 1280/ 1580 Mwm 6 Cil. - Trator Pesado 1780 Mwm 6, **MERCEDES BENZ:** O371 6 Cil. - Of215 6 Cil. - Ônibus 1214/ 1414/ 1418/ 1614 Caixa Automática, OF1215, OF1315, OH1316, OH1318, OH1320, **PAUNI:** Minibus Cummins 4bt 3.9, **MWM:** 4 E 6 Cil. - Mwm Series X10 E 229 Series, **VOLKSWAGEN ÔNIBUS:** Ônibus Mwm 4 E 6 Cil., 17250E (c/ motor Cummins), 26250E (c/ motor Cummins), **VOLVO:** Línea Vm: Vm17 Mwm Series X10 E 229 Series - Línea Vm: Vm23 Mwm Series X10 E 229 Series, **VALMET:** Tratores - **Reparo da planetária /** Repair for Planetary: **R-0104, R-0111, R-0135**

Prestolite **Equivalente /** Replace





UF - 12.101 **Tipo /** Type: **M100R 12V**

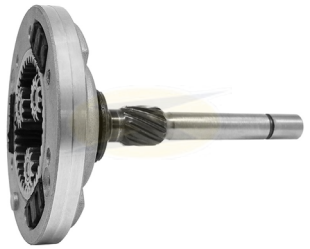
Equivalente / Replace: K01561 / K1561

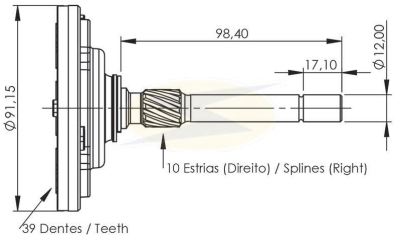
Partida / Starter: 35261345, 35259500, 35259820, 35260900, 35260910, 35261385, 35261680, 35261690, **JOHN DEERE:** AJ59341, AJ59342, RE509658, RE509857

Aplicação / Application: **CATERPILLAR:** Máquinas diversas, **FORD:** F600, **JOHN DEERE:** Motoniveladora 570 / 570A, Trator 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 4420 / 4530 / 5320N / 5520N / 5410 / 5600 / 5700 / 6300 / 6600 / 6405 / 6605 / 6600 / 7505 / 7515 / 6405 / 6415 / 7185 / 185J / 180J / 165J / 7165 / 7180 / 7215J Combine 6 cilindros

Reparo da planetária / Repair for Planetary: **R-0111**

Prestolite **Equivalente /** Replace





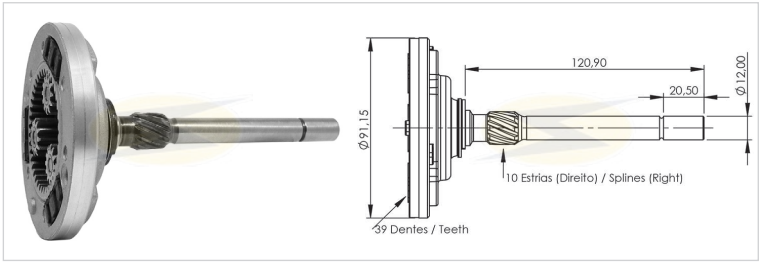
UF - 12.147 **Tipo /** Type: **M93R**

Equivalente / Replace: 352.58.669, K21147, M5206206

Partida / Starter: 352.58.580, 352.58.940, 352.58.950, 352.58.490, 352.58.540, 352.58.660, 352.58.690, 352.58.710, 352.58.820, 352.58.880, 352.58.960, 352.59.040, 352.59.050, 352 60 828, **PRESTOLITE:** 352 59 150, 352 59 170, 352 59 180, 352 59 400, **FORD:** 1L5411000AA, **LAND ROVER:** ERR5009, NAD10038, **MERCEDES BENZ:** A001233410E

Aplicação / Application: **AGRALE:** Ônibus Volare,**CHEVROLET-GM:** Blazer Dlx, S10 C/Motor Maxion Hs, D20, Silverado C/Motor Mwm, **CUMMINS:** Motores Séries 6bt(Dianteiro) / B6 / Bt5.9l, **FORD:** Cargo 1416 / 1722 / 1716, F-1000, F-14000 C/ Mwm, F-100, Ranger, Transit Diesel, **JOHN DEERE:** Tratores, **MASSEY-FERGUSON:** Trator C/ Motor 4 Cil., **MAXION:** Motores, **MERCEDES-BENZ:** 180d - Kombi Espanhola, Ônibus, Caminhões, Mb 180 D, Sprinter C/ Motormaxion Hs, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **PEUGEOT:** 504, 505, Vários C/ Motorindenor **VOLKSWAGEN:** Caminhão 15 -160, **LAND ROVER:** Defender 2.5, Discovery 2.5 - **Reparo da planetária /** Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.149

Tipo / Type: **M93R**

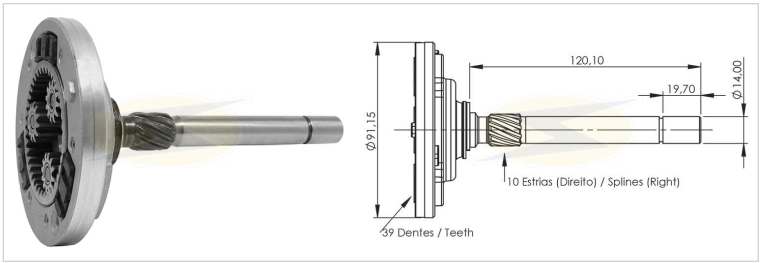
Equivalente / Replace: 352 58 853, K21149, KJD08, KJD09

Partida / Starter: 352 58 880, 352 58 940, 352 58 950, 352 58 990, 352 59 000, 352 59 130, 352 59 210, 352 59 680, 352 59 620, 352 59 630, 352 59 650, 352 59 670, 352 59 690, 352 59 660

Aplicação / Application: **MERCEDES-BENZ:** Ônibus, Caminhões diversos, **CUMMINS:** Motor 6BT59L, Motores Cummins série B, **DIMEX:** Ônibus, **FORD:** Caminhões, Cargo 1416 / 1722, F100

Reparo da planetária / Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.212

Tipo / Type: **M93R**

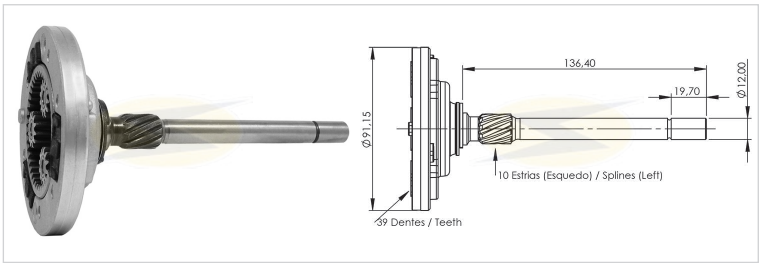
Equivalente / Replace: 352 59 959, K01212

Partida / Starter: 352 59 380, 352 59 680

Aplicação / Application: **SHELHURST, MERCEDES-BENZ:** Ônibus 6CC

Reparo da planetária / Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.219

Tipo / Type: **M93R**

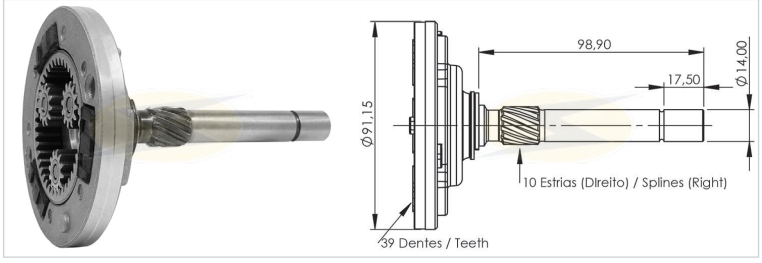
Equivalente / Replace: 352 59 859, K01219

Partida / Starter: 352 59 480

Aplicação / Application: **VOLKSWAGEN:** Transporter T4 2.4 Diesel

Reparo da planetária / Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.221

Tipo / Type: **M93R**

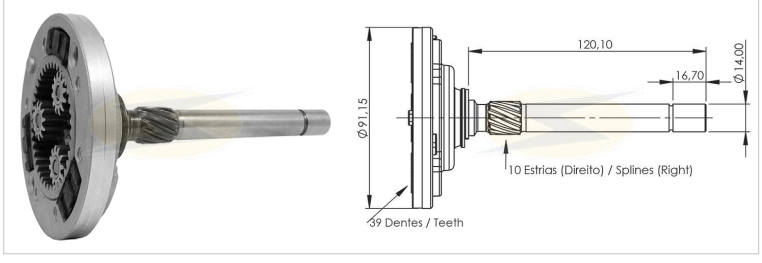
Equivalente / Replace: 352 59 952, K01221, K01284

Partida / Starter: 352 59 310, 352 59 710, 352 59 720, 352 61 020, 352 61 175, **PEUGEOT:** YD00010680

Aplicação / Application: **AGCO:** Trator 6 Cilindros, **INDENOR:** Motoresindenor 6.305 / 6.354, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Trator MF297 / MF299 / MF640 / MF650 / MF660 / MF680 / MF5320, **FORD:** F250, Power Stroke, **PEUGEOT:** 404 Diesel, 504 Diesel, 505 Diesel, C/ Motor Indenor

Reparo da planetária / Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.222

Tipo / Type: **M93R**

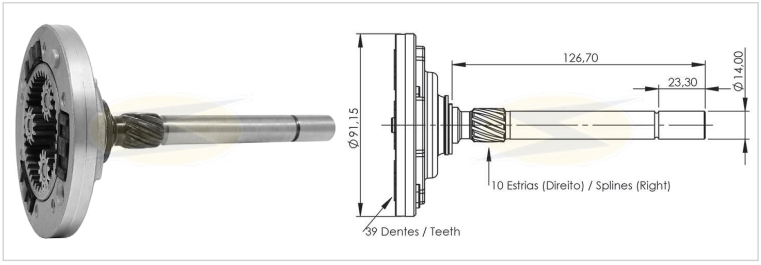
Equivalente / Replace: 352 59 465, K01222, K01261, K01349, K01469, K21148, KJD20, KJD21

Partida / Starter: 35262580, 352 59 300, 352 59 430, 352 59 580, 352 59 590, 352 59 600, 352 59 620, 352 59 630, 352 59 650, 352 59 660, 352 59 670, 352 59 690, 352 59 750, 352 59 760, 352 59 880, 352 59 900, 352 60 940, 352 60 950, 352 61 070, 352 61 120, 352 61 155, 352 61 190, 352 61 355, 352 61 360, 352 61 420, **PRESTOLITE:** 352 58 620, 352 59 330, 352 59 390, 352 61 425, 352 61 760, **FORD:** 2C3511001BA, 2C4511001BA, 4C4511001BA, F7HT11001AC, XC3U11000CA, **JOHN DEERE:** AJ60123, RE509658, **MWM:** 905720100093, **VOLKSWAGEN:** 2R0911023A, TJG911023B

Aplicação / Application: **DEUTZ AGCO:** Trator; **CUMMINS:** Motor B 5.9 / Aftercooler / eletrônico, Motores / Vm-motor; **FORD:** F100; **PERKINS:** D-28 Mt; **MWM:** 4 E 6 Cilindros; **FORD:** Cargo 1416 / 1716, F7000, F12000, F14000, F16000, F150, F250, F350, F1000, B7000, C/ Motores Cumminse Cummins 4bt; **MAXION:** Motor S4; **AGRALE:** Caminhão 7500 / 8000 / 8500 / 9200, Trator 5075 / 5075.4 / 5085 / 5085.4, Motor Mwm, **INTERNATIONAL BRAZIL, MASSEY FERGUSON:** Trator C/ Motor Perkins, Trator MF250X, **CHEVROLET-GM:** Blazer (c/ motor Cummins 5.9), **DODGE:** D1000, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450, Trator 7500, **NEW HOLLAND:** Trator TL65E / TL75E / TL85E / TL95E, **VOLKSWAGEN:** B8150 OD, B9150, B16210, B17210 OD, B17240 OT

Reparo da planetária / Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.343 **Tipo /** Type: **M93R**

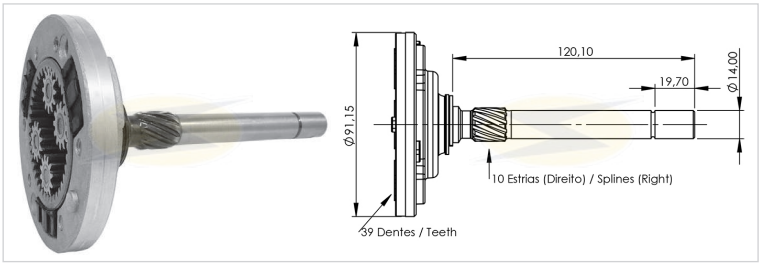
Equivalente / Replace: 352 59 915, K01343, K01589

Partida / Starter: 352 59 640, 352 59 870, **FORD:** 2C4511001AA, XC4511001CA, XS4511001CA, **VOLKSWAGEN:** 2S0911023, TJG911023D

Aplicação / Application: **CUMMINS:** Motores B / 4bt/ 6bt / 6btaa, **VOLKSWAGEN:** 13190, 15190, 17210, 23210, Caminhões C/ Motorescummins, **FORD:** Cargo 815 / 1217 / 1417 / 1421 / 1617 / 1621, Caminhões C/ Motores Cummins

Reparo da planetária / Repair for Planetary: **R-0082, R-0095, R-0134**

Prestolite **Equivalente /** Replace



UF - 12.412 **Tipo /** Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.212 /** Reinforced with 4 gears, replaces UF-12.212

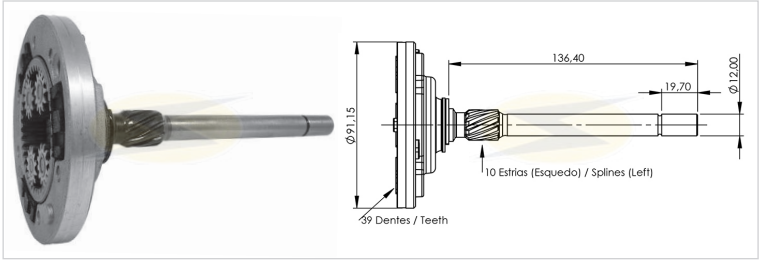
Equivalente / Replace: 352 59 959, K01212

Partida / Starter: 352 59 380, 352 59 680

Aplicação / Application: **SHELHURST, MERCEDES-BENZ:** Ônibus 6CC.

Reparo da planetária / Repair for Planetary: **R-0095, R-0134, R-0147**

Prestolite **Equivalente /** Replace



UF - 12.419 **Tipo /** Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.219 /** Reinforced with 4 gears, replaces UF-12.219

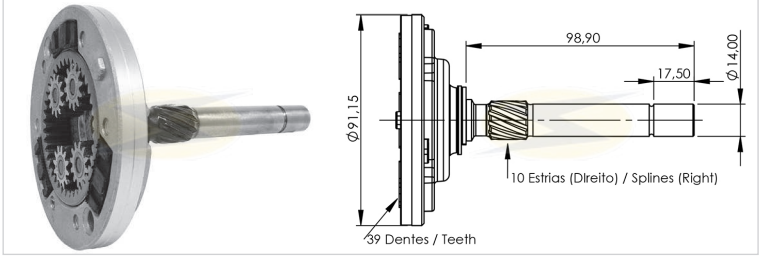
Equivalente / Replace: 352 59 859, K01219

Partida / Starter: 352 59 480

Aplicação / Application: **VOLKSWAGEN:** Transporter T4 2.4 Diesel.

Reparo da planetária / Repair for Planetary: **R-0095, R-0134, R-0147**

Prestolite **Equivalente /** Replace



UF - 12.421 **Tipo /** Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.221 /** Reinforced with 4 gears, replaces UF-12.221

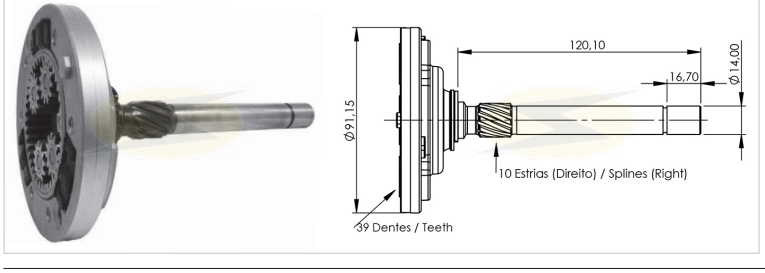
Equivalente / Replace: 352 59 952, K01221, K01284

Partida / Starter: 352 59 310, 352 59 710, 352 59 720, 352 61 020, 352 61 175, **PEUGEOT:** YD00010680

Aplicação / Application: **AGCO:** Trator 6 Cilindros, **INDENOR:** Motoresindenor 6.305 / 6.354, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Trator MF297 / MF299 / MF640 / MF650 / MF660 / MF680 / MF5320, **FORD:** F250, Power Stroke, **PEUGEOT:** 404 Diesel, 504 Diesel, 505 Diesel, C/ Motor Indenor.

Reparo da planetária / Repair for Planetary: **R-0095, R-0134, R-0147**

Prestolite **Equivalente /** Replace



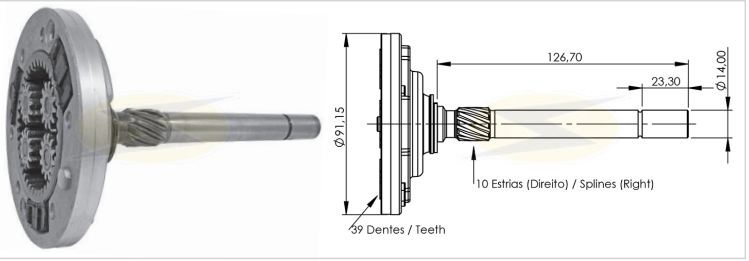
UF - 12.422 **Tipo /** Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.222 /** Reinforced with 4 gears, replaces UF-12.222

Equivalente / Replace: 352 59 465, K01222, K01261, K01349, K01469, K21148, KJD20, KJD21

Partida / Starter: 35262580, 352 59 300, 352 59 430, 352 59 580, 352 59 590, 352 59 600, 352 59 620, 352 59 630, 352 59 650, 352 59 660, 352 59 670, 352 59 690, 352 59 750, 352 59 760, 352 59 880, 352 59 900, 352 60 940, 352 60 950, 352 61 070, 352 61 120, 352 61 155, 352 61 190, 352 61 355, 352 61 360, 352 61 420, **PRESTOLITE:** 352 58 620, 352 59 330, 352 59 390, 352 61 425, 352 61 760, **FORD:** 2C3511001BA, 2C4511001BA, 4C4511001BA, F7HT11001AC, XC3U11000CA, **JOHN DEERE:** AJ60123, RE509658, **MWM:** 905720100093, **VOLKSWAGEN:** 2R0911023A, TJG911023B

Aplicação / Application: **DEUTZ AGCO:** Trator; **CUMMINS:** Motor B 5.9 / Aftercooler / eletrônico, Motores / Vmmotor; **FORD:** F100; **PERKINS:** D-28 Mt; **MWM:** 4 E 6 Cilindros; **FORD:** Cargo 1416 / 1716, F7000, F12000, F14000, F16000, F150, F250, F350, F1000, B7000, C/ Motores Cumminse Cummins 4bt; **MAXION:** Motor S4; **AGRALE:** Caminhão 7500 / 8000 / 8500 / 9200, Trator 5075 / 5075.4 / 5085 / 5085.4, Motor Mwm, **INTERNATIONAL BRAZIL, MASSEY FERGUSON:** Trator C/ Motor Perkins, Trator MF250X, **CHEVROLET-GM:** Blazer (c/ motor Cummins 5.9), **DODGE:** D1000, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450, Trator 7500, **NEW HOLLAND:** Trator TL65E / TL75E / TL85E / TL95E, **VOLKSWAGEN:** B8150 OD, B9150, B16210, B17210 OD, B17240 OT. - **Reparo da planetária /** Repair for Planetary: **R 0095, R 0134, R-0147**

Prestolite **Equivalente /** Replace



UF - 12.443

Tipo / Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.343 /** Reinforced with 4 gears, replaces UF-12.343

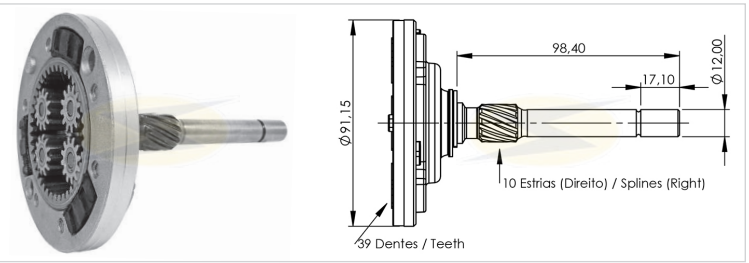
Equivalente / Replace: 352 59 915, K01343, K01589

Partida / Starter: 352 59 640, 352 59 870, **FORD:** 2C4511001AA, XC4511001CA, XS4511001CA, **VOLKSWAGEN:** 2S0911023, TJG911023D

Aplicação / Application: **CUMMINS:** Motores B / 4bt/ 6bt / 6btaa, **VOLKSWAGEN:** 13190, 15190, 17210, 23210, Caminhões C/ Motorescummins, **FORD:** Cargo 815 / 1217 / 1417 / 1421 / 1617 / 1621, Caminhões C/ Motores Cummins.

Reparo da planetária / Repair for Planetary: **R-0095, R-0134, R-0147**

Prestolite **Equivalente /** Replace



UF - 12.447

Tipo / Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.147 /** Reinforced with 4 gears, replaces UF-12.147

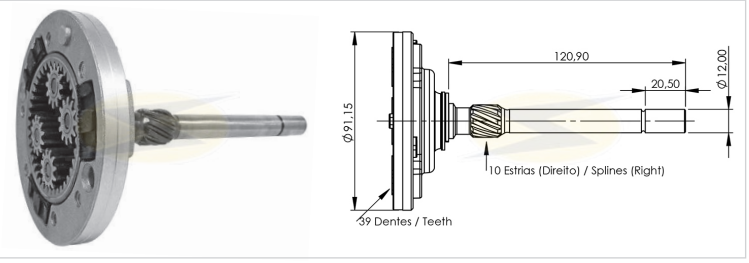
Equivalente / Replace: 352 58 669, K21147, M5206206

Partida / Starter: 352 58 580, 352 58 940, 352 58 950, 352 58 490, 352 58 540, 352 58 660, 352 58 690, 352 58 710, 352 58 820, 352 58 880, 352 58 960, 352 59 040, 352 59 050, 352 60 828, **PRESTOLITE:** 352 59 150, 352 59 170, 352 59 180, 352 59 400, FORD: 1L5411000AA, **LAND ROVER:** ERR5009, NAD10038, **MERCEDES BENZ:** A001233410E

Aplicação / Application: **AGRALE:** Ônibus Volare,**CHEVROLET-GM:** Blazer Dlx, S10 C/Motor Maxion Hs, D20, Silverado C/Motor Mwm, **CUMMINS:** Motores Séries 6bt(Dianteiro) / B6 / Bt5.9l, **FORD:** Cargo 1416 / 1722 / 1716, F-1000, F-14000 C/ Mwm, F-100, Ranger, Transit Diesel, **JOHN DEERE:** Tratores, **MASSEY-FERGUSON:** Trator C/ Motor 4 Cil., **MAXION:** Motores, **MERCEDES-BENZ:** 180d - Kombi Espanhola, Ônibus, Caminhões, Mb 180 D, Sprinter C/ Motormaxion Hs, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **PEUGEOT:** 504, 505, Vários C/ Motorindenor **VOLKSWAGEN:** Caminhão 15- 160, **LAND ROVER:** Defender 2.5, Discovery 2.5.

Reparo da planetária / Repair for Planetary: **R-0095, R-0134, R-0147**

Prestolite **Equivalente /** Replace



UF - 12.449

Tipo / Type: **M93R - Reforçada com 4 engrenagens, substitui UF-12.149 /** Reinforced with 4 gears, replaces UF-12.149

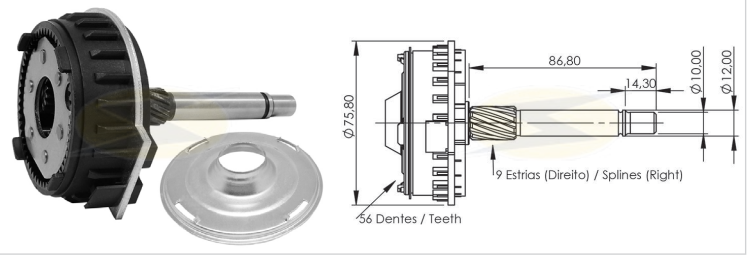
Equivalente / Replace: 352 58 853, K21149, KJD08, KJD09

Partida / Starter: 352 58 880, 352 58 940, 352 58 950, 352 58 990, 352 59 000, 352 59 130, 352 59 210, 352 59 680, 352 59 620, 352 59 630, 352 59 650, 352 59 670, 352 59 690, 352 59 660

Aplicação / Application: **MERCEDES-BENZ:** Ônibus, Caminhões diversos, **CUMMINS:** Motor 6BT59L, Motores Cummins série B, **DIMEX:** Ônibus, **FORD:** Caminhões, Cargo 1416 / 1722, F100.

Reparo da planetária / Repair for Planetary: **R-0095, R-0134, R-0147**

Valeo **Equivalente /** Replace



UF - 16.101

Tipo / Type: **DSL36100**

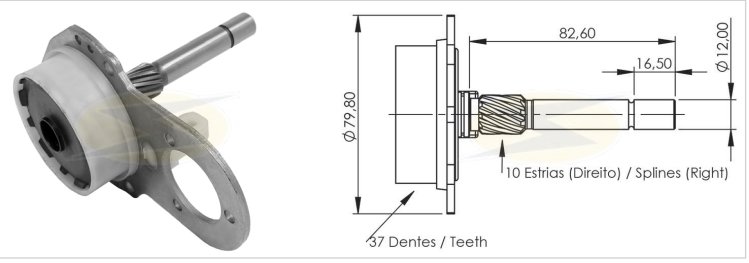
Equivalente / Replace:

Partida / Starter: TM00A31201, TM000A34101, TM000A36101, 36100-42350, **HYUNDAI:** DSL 36100, DSL 42360, DSL 3610042350

Aplicação / Application: **HYUNDAI:** Hr, Accent 1.5 Crdi, **KIA:** Bongo, Cee'd 1.5, Sorento 2.5 Turbo Diesel, K2700, **FIAT:** Ducato, **MERCEDES BENZ:** Sprinter 311 / 313 CDi, **RENAULT:** Master, **VOLKSWAGEN:** Amarok 2.0 TDi

Reparo da planetária / Repair for Planetary: **R-0114**

Valeo **Equivalente /** Replace



UF - 16.102

Tipo / Type:

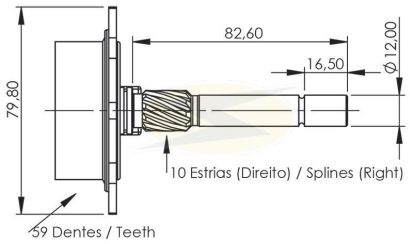
Equivalente / Replace: 594609, 435636, 594541

Partida / Starter: D6RA85, D6RA185, 438089, 438145, 455958, 455975, 458163, D6RA84, D6RA87, D6RA187, D6RA188, 432623, 432636, 432633, 432631

Aplicação / Application: **CHEVROLET-GM, SATURN, FIAT:** 600 (Seicento) 0.9i, Brava 1.6i 16V, Bravo 1.6i 16V, Doblò 1.6i 16V, Marea 1.6i 16V, Palio 1.6i 16V, Palio Weekend 1.6i 16V, Siena 1.6i 16V, Stilo 1.6i 16V, **CITROEN:** Saxo 1.0 /1.4, Xantia 1.6 / 1.8I / 2.0I / 16V, Xsara 1.8 / 2.0 / 16 V, **PEUGEOT:** 106 1.0, 306 2.0, 405 - 1.6 / 1.8 / 1.9 / 2.0, 406, **RENAULT:** Trafic

Reparo da planetária / Repair for Planetary: **R-0068**

Valeo **Equivalente /** Replace



UF - 16.103 **Tipo /** Type:

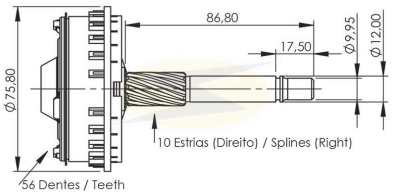
Equivalente / Replace: 594542

Partida / Starter: D6RA65, D6RA165, 432622, 438129

Aplicação / Application: **PEUGEOT, CITROEN, SATURN, CHEVROLET-GM:** Corsa, **RENAULT:** Clio 1.8, Kangoo, Laguna 1.8, Megane 2.0, Scenic 2.0

Reparo da planetária / Repair for Planetary: **R-0069**

Valeo **Equivalente /** Replace



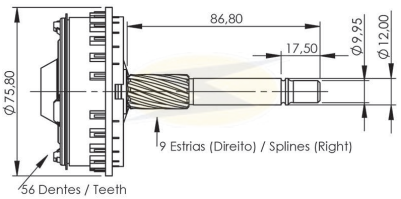
UF - 16.104 **Tipo /** Type:

Equivalente / Replace: 594283

Partida / Starter: D7R11, D7R12, D7R13, D7R15, D7R151, D7R16, D7R18, D7R19, D7R20, D7R24, D7R25, D7R26, D7R27, D7R28, D7R33, D7R34, D7R35, D7R53, 432644, 438011, 438053, 438085, 455720, 455734, 455741, 455745, 455873, 726008, D7R17, D7R22, D7R23, D7R42, D7R281

Aplicação / Application: **TATRA, AUDI:** A3 (97-00) Motores Codigo/ Engine Code – Asv, **CITROEN:** Xantia I / II 3.0i V6 24V, XM 3.0i V6 24V, Xsara, 14 1.4/ 1.5/ 4x4 , Saxo 1.5 (96-03), Zx 1.4/ 1.5/ 1.9 Td, C.A 91-97, 2cv 602 (70-90), Ax, Ami, Acadiane, Dyane, Mehari, Saxo, Berlingo 1.8d / 1.9d / 2.0 Hdi, **FIAT:** Brava 1.9 D, Bravo 1.9 D, Duna 1.7 D, Elba 1.7 D, Fiorino 1.7 D, Palio 1.7 D, Palio Weekend 1.7 TD, Punto 1.7 D / TD, Regata 1.7 D, Siena 1.7 D / TD, Strada 1.7 TDs, Tempra 1.9 D, Tipo 1.7 D, Uno 1.4 TD / 1.7 D, Uno Mille 1.7 D, Scudo Td, **JPX:**Jipe Montez, **PEUGEOT:** 406 3.0i V6 24V, 605 3.0i V6 24V, 106 1.4 D (92-96)/ 1.5 D (94-05), 206 Moteur 1.9d Dw8, 405 Diesel, Partner, **VOLVO:** 400td, 440 Td, 460 Td, **ROVER:** Agrupa 1.4 D (92-95), 114d (92-94), 115d (94-97), **LANCIA:** Phedra 2.0 / 2.2 Jtd (02), Z 2.0 Jtd (99- 00), **SUZUKI:** Grand Vitara 1.9l D (05), Samurai 1.9l Td (98), **OPEL:** Vivaro 1.9l (01), **NISSAN:** Micra 1.5 D, K11 (98-02), Primera 1.9l (03), **MERCEDES BENZ:** Sprinter 208 2.1 CDi / 208 2.3 Diesel / 209 2.1 CDi / 210 2.9 Diesel / 211 2.1 CDi / 212 2.9 Diesel / 213 2.1 CDi / 215 2.1 CDi / 216 2.7 CDi / 308 2.1 CDi / 308 2.3 Diesel / 309 2.1 CDi / 310 2.9 Diesel / 311 2.1 CDi / 312 2.9 Diesel / 313 2.1 CDi / 315 2.1 CDi / 316 2.7 CDi / 408 2.1 CDi / 408 2.3 Diesel / 410 2.9 Diesel / 411 2.1 CDi / 412 2.9 Diesel / 413 2.1 CDi / 416 2.7 CDi / 509 2.1 CDi / 616 2.7 CDi, Classe C 30 3.0 AMG CDi, Classe C 200 2.0 CDi / 2.0 Diesel / 2.1 CDi / 2.2 CDi, Classe C 220 2.1 CDi / 2.2 CDi / 2.2 Diesel, Classe C 250 2.5 Diesel / 2.5 TD, Classe C 270 2.7 CDi, Classe CLK 220 2.1 CDi, Classe CLK 270 2.7 CDi, Classe E 200 2.0 Diesel / 2.1 CDi / 2.2 CDi, Classe E 220 2.1 CDi / 2.2 CDi / 2.2 Diesel, Classe E 250 2.5 Diesel / 2.5 TD, Classe E 270 2.7 CDi, Classe E 280 3.2 CDi, Classe E 290 2.9 TD, Classe E 300 3.0, Classe E 320 3.2 CDi, Classe G 270 2.7 CDi, Classe ML 270 2.7 CDi, Classe S 320 3.2 CDi, Classe V 200 2.2 CDi, Classe V 230 2.3 TD, Viano 2.1 CDi, Viano 2.2 CDi, Vito 108 2.2 CDi / 2.3 Diesel, Vito 109 2.1 CDi, Vito 110 2.2 CDi / 2.3 Diesel / 2.3 TD, Vito 111 2.2 CDi, Vito 112 2.2 CDi, Vito 115 2.2 CDi, O812 2.9, Sprinter, 190d 2.2l D / 2.5l D (84-89), 300d, Cd, Sd, Sdl, Td 2.5l D, Td 3.0l D, 3.5l D (86-93), 350sd, Sdl 3.5ld (91), E Class 3.0l D (95-99). S Class 3.5l D (94-95), **SKODA:** Octavia A4 (01-11) Motores Codigo/ Engine Codes: Aqm, Agr, Alh, Ahf, Asv, **VOLKSWAGEN:** Beetle (99-01), Bora (02-05), Golf Mk4 (98-06), Todos Com Motores Código / All With Engine Codes: Asv, Aqm, Agr, Alh, Ahf, Asv, **RENAULT:** Clio Express, Megane Express, R19 D, R21 D, Avantime 2.2 Dci 150cv, Escape Iii 2.2, Laguna/ Laguna Grandtour 2.2 Dt 113cv, Laguna/ Laguna Grandtour Ii 2.2 Dci 140 / 150cv, Safrane Ii 2.2, Velsatis 2.2, Trafic Ii 2.5, Master 2.2 / 2.5 Cdi (2010 ->), **HYUNDAI:** Hr, **SEAT:** Ibiza 1.7 D, Málaga 1.7 D, Ronda 1.7 D

Valeo **Equivalente /** Replace



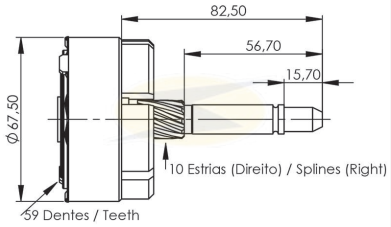
UF - 16.105 **Tipo /** Type:

Equivalente / Replace: 7701041250

Partida / Starter: D7R11, D7R12, D7R13, D7R15, D7R16, D7R18, D7R19, D7R20, D7R24, D7R25, D7R26, D7R27, D7R28, D7R33, D7R34, D7R35, D7R43, D7R53, D7GR53, VALEO: 432630, 432637, 432644, 432666, 432672, 432684, 433323, 438030, 438065, 438068, 438069, 438088, 438090, 438095, 438096, 438148, 438158, 438165, 438186, 438199, 438200, 438201, 455550, 455674, 455687, 455695, 455719, 455720, 455749, 455895, 455899, 455928, 455929, 455943, 455954, 455957, 455959, 455971, 455972, 458118, 458172, 458178, 458180, 458289, 458290, 458366, 726004, 726006, 726008, 726021, 726031, 726033, 726045, 726047, 726052, D7R8, D7R9, D7R40, D7R44, D7R46, D7R47, D7R48, D7R49, D7R56, D7R57, D7R64, D7R65, D7R70, D7R151, D8R1, D8R27, D8R28, D8R29, D8R49

Aplicação / Application: **CITROEN:** AX 1.4 / 1.5 D, Berlingo 1.4i / 1.6i / 1.8 D / 1.9 D / 2.0 HDi, C4 2.0 HDi, C4 Picasso 1.6 / 2.0 HDi, C5 2.0 / 2.2 HDi, C8 2.0 HDi, C15 1.1 / 1.3, DS4 2.0 HDi, DS5 2.0 HDi, Evasion 1.8i / 1.9 TD / 2.0 HDi / 2.0i / 2.0i Turbo / 2.1 TD, Jumper 1.9 D / 1.9 TD / 2.0 HDi, Jumpy (Dispatch) 1.6 HDi / 1.9 D / 1.9 TD / 2.0 HDi, Saxo 1.5 D, Xantia 1.9 D / 1.9 TD / 2.1 TD, XM 2.1 D / 2.1 TD Turbo, Xsara 1.5 D / 1.8 D / 1.9 D / 1.9 TD / 2.0 HDi, Xsara Picasso 2.0 HDi, ZX 1.4 D / 1.5 D / 1.8 D / 1.9 D / 1.9 TD, **FIAT:** Ducato 1.9 D / 1.9 TD / 2.0 JTD / 2.0i / 2.3 TD / 2.8 JTD, Ulysse 1.9 TD / 2.0 JTD / 2.1 TD, Scudo 1.9 D / 1.9 TD / 2.0 JTD, **FORD:** Fiesta 1.8 TDCi, Focus 1.8 TDCi / TDi, Transit 2.5 D / TD, **MERCEDES BENZ:** Sprinter 208 CDi / 208 D / 209 CDi / 210 D / 211 CDi / 213 CDi / 215 CDi / 216 CDi / 308 CDi / 308 D / 309 CDi / 310 D / 311 CDi / 312 DD / 315 CDi / 316 CDi / 408 D / 410 D / 411 CDi / 412 D / 416 CDi / 509 CDi / 511 CDi / 515 CDi / 616 CDi, 190 2.0 D / 2.5 D / 2.5 D Turbo, Classe C 30 3.0 CDi, Classe C 200 2.0 D / 2.1 CDi / 2.2 CDi, Classe C 210 2.2 CDi, Classe C 220 2.2 CDi / 2.2 D, Classe C 250 2.5 D / 2.5 TD, Classe C 270 2.7 CDi, Classe CLC 200 2.1 CDi, Classe CLC 220 2.1 CDi, Classe CLK 220 2.2 CDi, Classe CLK 270 2.7 CDi, Classe E 200 2.0 D / 2.1 CDi, Classe E 220 2.1 CDi / 2.2 CDi / 2.2 D, Classe E 250 2.5 D / 2.5 TD, Classe E 270 2.7 CDi, Classe E 280 3.2 CDi, Classe E 290 2.9 TD, Classe E 300 3.0 D / 3.0 TD / 3.0i, Classe E 320 3.2 CDi, Classe G 270 2.7 CDi, Classe G 300 3.0 TD, Classe S 300 3.0 TD, Classe S 320 3.2 CDi, Classe S 350 3.5 TD, Classe V 200 2.2 CDi, Classe V 220 2.2 CDi, Classe V 230 2.3 TD, Classe W124 200 2.0 D / 250 2.5 D / 250 2.5 TD Turbo / 300 3.0 D / 300 3.0 TD Turbo, Classe W140 300 3.5 TD, Viano 2.0 CDi / 2.2 CDi / 3.7i, Vito 2.2 CDi / 2.3 D / 2.3 TD / 3.7i V6 24V, **MITSUBISHI:** Katana, L200, Carisma 1.9 TD, **NISSAN:** Interstar 1.9 dCi, Primastar 1.9 dCi / 2.5 dCi, **OPEL:** Movano 1.9 dTi, Vivaro 1.9 Di / 1.9 dTi, **PEUGEOT:** 106 1.4 D / 1.5 D, 206 1.9 D / 2.0 HDi, 306 1.8 D / 1.9 D / 1.9 TD, 307 2.0 HDi, 405 1.7 D / 1.7 TD / 1.9 D / 1.9 TD, 406 1.9 TD / 2.0 HDi / 2.1 TD, 605 2.1 D / 2.1 TD Turbo, 607 2.0 HDi, 806 1.9 TD / 2.0 HDi / 2.1 TD, Boxer 1.9 D / 1.9 TD / 2.0 HDi, Expert 1.9 D / 1.9 TD / 2.0 HDi, Partner 1.8 D / 1.9 D / 2.0 HDi, **RENAULT:** Clio Express, Megane Express, R19 D, R21 D, Avantime 2.2 Dci 150cv, Escape Iii 2.2, Laguna / Laguna Grandtour 2.2 Dt 113cv Ii 2.2 Dci 140 / 150cv, Safrane Ii 2.2, Velsatis 2.2, Trafic Ii 2.5, Master 2.2 / 2.5 Cdi (2010→), Kangoo 1.9 D / dCi / dTi, Mégane 1.4i / 1.9 dT / 1.9 dTi, Modus, R9 1.6 D, R11 1.6 D, R19 1.7 / 1.7i / 1.8i / 1.9 D / 1.9 TD, R21 1.7 / 1.9 D / 2.0, Safrane 2.2, Scénic 1.9 dCi / 1.9 dTi / 2.0i 16V, Super 5 1.6 D / 1.7, Thalia, Vel Satis, **SSANGYONG:** Musso 2.3 D, **SUZUKI:** Grand Vitara, Vitara 1.9 TD, **VAUXHALL:** Movano 1.9 dTi, **VOLVO:** 340 1.6 D, 360 1.6 D, 440 1.9 TD, 460 1.9 TD, S40 1.9 TD / TDCi / TDi, V40 1.9 TD / TDi, **HYUNDAI:** Hr

Valeo **Equivalente /** Replace



UF - 16.106 **Tipo /** Type:

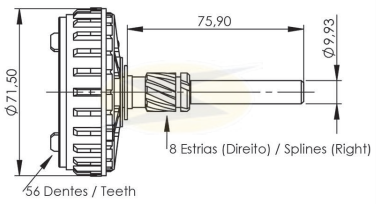
Equivalente / Replace: 594542

Partida / Starter: D7G11, 438170, 458210, **RENAULT:** 82002253365

Aplicação / Application: **RENAULT:** Master 2.2 dCi, Master 2.5 / 2.8 2006 diesel eletrônico, **OPEL:** Movano 2.2 DTi 16V / 2.5 CDTi 16V / 2.5 DTi 16V

Reparo da planetária / Repair for Planetary: **R-0113**

Valeo **Equivalente /** Replace



UF - 16.107 **Tipo /** Type:

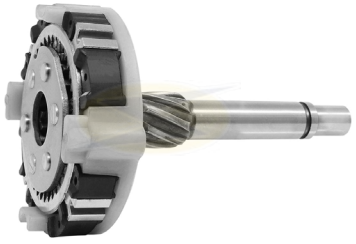
Equivalente / Replace: 595684

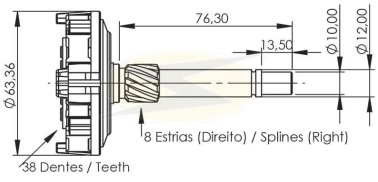
Partida / Starter: TS12ER15, TS12ER15M, TS22ER12, TS22ER13, **VW:** 2H0911023C, 2H0911023G, 2H0911023A , 2H0911023F, 2H0911023AX

Aplicação / Application: **VOLKSWAGEN:** Crafter 2.0 TDi, Amarok 2.0 tdi 122 cv / 2.0 bi turbo / tdi 180 cv

Reparo da planetária / Repair for Planetary: **R-0115**

Valeo **Equivalente /** Replace





UF - 16.108 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: 36100 4A200, 1202355

Aplicação / Application: **KIA:** Bongo K2500 TCI, **HYUNDAI:** H-1 2.5 CRDi, Porter Pickup 2.5 CRDi, HR100

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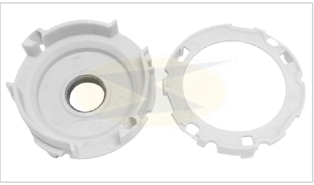
Bosch Equivalente / Replace



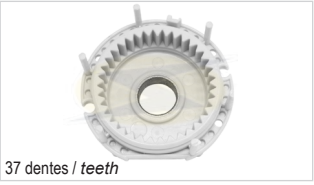
R - 0055 **Equivalente /** Replace:

Motor de Partida / Starter: 0 001 107 037, 0 001 107 048, 0 001 108 157, 0 001 108 169

Aplicação / Application: **MERCEDES BENZ, BMW**

Aplicação / Application: **UF-11.058, UF- 11.125, UF- 11.145**

Bosch Equivalente / Replace



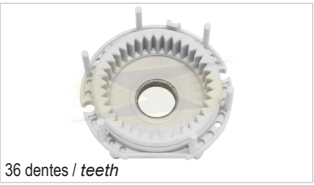
R - 0057 **Equivalente /** Replace: 1 005 821 307

Motor de Partida / Starter: 0 001 108 013, 0 001 108 021, 0 001 108 022, 0 001 108 023, 0 001 108 026, 0 001 108 027, 0 001 108 030, 0 001 108 031, 0 001 108 032, 0 001 108 035, 0 001 108 037, 0 001 108 038, 0 001 108 040, 0 001 108 045, 0 001 108 046, 0 001 108 048, 0 001 108 051, 0 001 108 052, 0 001 108 053, 0 001 108 056, 0 001 108 061, 0 001 108 066, 0 001 108 068, 0 001 108 069, 0 001 108 070, 0 001 108 072, 0 001 108 073, 0 001 108 076, 0 001 108 077, 0 001 108 081, 0 001 108 084, 0 001 108 091, 0 001 108 092, 0 001 108 093, 0 001 108 094, 0 001 108 095, 0 001 108 103, 0 001 108 104, 0 001 108 105, 0 001 108 135, 0 001 108 137, 0 001 108 144, 0 001 108 151, 0 001 108 154, 0 001 108 159, 0 001 109 040

Aplicação / Application: **ALFA, AUDI, CHRYSLER, FIAT, JEEP, LAND ROVER, VOLKSWAGEM.**

Aplicação / Application: **UF-11.307**

Bosch Equivalente / Replace



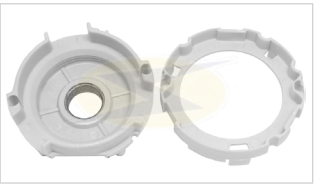
R - 0060 **Equivalente /** Replace: 2 337 1F4 029

Motor de Partida / Starter: 9 008 046 015

Aplicação / Application: **NISSAN**

Aplicação / Application: **UF- 11.029**

Bosch Equivalente / Replace



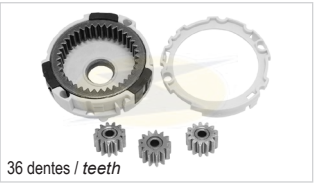
R - 0062 **Equivalente /** Replace: 1 006 200 104

Motor de Partida / Starter: 0 001 107 048, 0 001 108 064, 0 001 108 080, 0 001 108 088, 0 001 108 101, 0 001 108 102, 0 001 108 113, 0 001 108 115, 0 001 108 121, 0 001 108 143

Aplicação / Application: **MERCEDES-BENZ, BMW, CHEVROLET-GM, OPEL, VOLVO, AUDI, FIAT, FORD, RENAULT**

Aplicação / Application: **UF-11.047, UF-11.104**

Bosch Equivalente / Replace



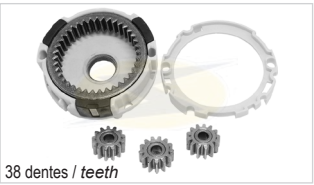
R - 0076 **Equivalente /** Replace: 1 006 200 099, 1 006 200 143, 2 2367 0

Motor de Partida / Starter: 0 001 110 112, 0 001 123 001, 0 001 124 015, 0 001 125 025, 0 986 022 470, F 002 G20 524

Aplicação / Application: **PORSCHE:** Boxster (96→04) 2.5 / 2.7 / 3.2, 911 Carrera / Carrera 3.6, 912, 996, 997, Gt3, Cayenne 2002, **SSANGYONG:** Musso 3.2i, **MERCEDES-BENZ:** 140-Serie 300 SE, SL-Klasse [129] SL 320, E-Klasse [210] E 320, E-Klasse [124] T-Modell E 320 T / E 280 T, C-Klasse [202] C 36 AMG / C 280, 140-Serie 300 SE, **MAHINDRA:** Scorpio Pick-up 2.6 CRDe, Scorpio SUV 2.6 CRDe

Aplicação / Application: **UF-11.099, UF-11.143**

Bosch Equivalente / Replace



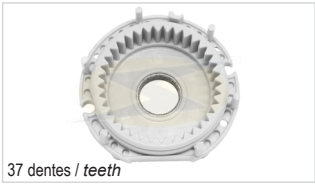
R - 0077 **Equivalente /** Replace: 1 006 200 218

Motor de Partida / Starter: 0 001 109 300, 0 001 109 301

Aplicação / Application: **CITROEN:** Jumper 2.8 Hdi, Jumper 2.8 4x4, **FIAT:** Ducato 2.3 Jtd, Ducato 2.8 Diesel, Ducato 2.8 Diesel 4x4, Ducato 2.8 Jtd, Ducato 2.8 Jtd 4x4, **PEUGEOT:** Boxer 2.8 Hdi, Boxer 2.8 Hdi 4x4

Aplicação / Application: **UF-11.218**

Bosch Equivalente / Replace



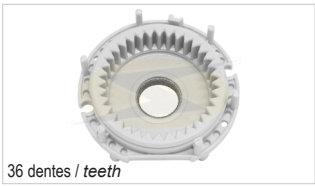
R - 0056 **Equivalente /** Replace: 1 006 200 110, 1 006 200 123, 1 006 200 128, 1 005 821 312

Motor de Partida / Starter: 0 001 107 007, 0 001 107 009, 0 001 107 015, 0 001 107 020, 0 001 108 026, 0 001 108 048, 0 001 108 136, 0 001 108 146, 0 001 108 154, 0 001 108 159, 0 001 109 040, 9 000 081 001, 9 000 081 005, 9 000 081 006, 9 000 081 007, 9 000 081 008, F 000 AL0100, F 005 M00 012, F 005 M00 014

Aplicação / Application: **Para motores partida Bosch - DW**

Aplicação / Application: **UF- 11.010, UF- 11.015, UF- 11.018, UF- 11.019, UF- 11.037, UF- 11.128, UF- 11.181, UF- 11.195, UF- 11.201**

Bosch Equivalente / Replace



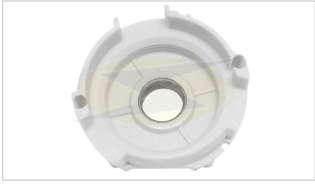
R - 0058 **Equivalente /** Replace: 1 006 200 161

Motor de Partida / Starter: 0 001 107 056, 0 001 107 100, 0 001 107 101, 0 001 107 108, 0 001 107 075, F 000 AL0 106, F 000 AL0 101, F 000 AL0 104, 0 001 107 079, 0 001 107 088, F 000 AL0 158, F 000 AL0 121, F 000 AL0 127, 0 001 106 017, 0 001 106 023, 0 001 106 012, 0 001 106 022, **RENAULT:** 7700115294, **MERCEDES BENZ:** 0051511101, 0051514701, A0051511101, A0051514701, **TOYOTA:** 248100D100, 2810002080, 281000D100, 2810016230

Aplicação / Application: **ALFA ROMEO, AUDI, LANCIA, OPEL, PEUGEOT, VOLVO, SEAT, VAUXHALL, VOLKSWAGEN, CHEVROLET-GM:** Vectra 2.0 / 2.2 16V, **RENAULT:** Laguna 2.0 I 16v, Clio 2.0, Espace , Megane 1.8 / 2.0, Senic 1.8 / 2.0, Twingo, Kangoo, **CITROEN:** Xsara Picasso 2.0 - 16v, **TOYOTA:** Corolla 1.8i 16V (08.1998-06.2002), **FIAT:** Tipo 1.6i.e

Aplicação / Application: **UF-11.123, UF-11.153, UF-11.161, UF-11.204**

Bosch Equivalente / Replace



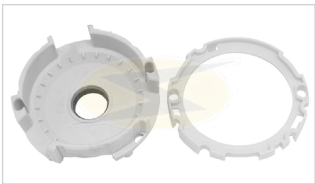
R - 0061 **Equivalente /** Replace: 1 006 200 059, 1 006 200 098

Motor de Partida / Starter: 0 001 107 403, 0 001 108 115, 0 001 108 123, 0 001 108 124, 0 001 108 134, 0 001 108 160, 0 001 108 995

Aplicação / Application: **MERCEDES-BENZ, CHRYSLER**

Aplicação / Application: **UF-11.047, UF- 11.059, UF- 11.104**

Bosch Equivalente / Replace



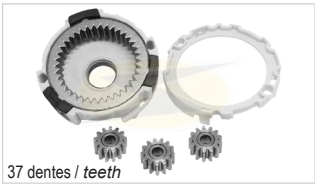
R - 0075 **Equivalente /** Replace: 1 006 200 099, F 000 AL1 974,1 006 200 218, 1 006 200 220,1 006 200 122, 2 235 0, 1 006 200 143, 2 2367 0, F 000 AL2 625

Motor de Partida / Starter: 0 001 110 112, F 000 AL0 111, 0 001 109 300, 0 001 109 301, F 004 A94 008, F 004 A94 011, 0 001 125 042, 0 001 123 001, 0 001 124 015, 0 001 125 025, 0 986 022 470, F 000 AL0 130, F 002 G20 524, F 000 AL0 152, F 000 AL0 150

Aplicação / Application: **CITROEN:** Jumper 2.8 Hdi, Jumper 2.8 4x4, **FIAT:** Ducato 2.3 Jtd, Ducato 2.8 Diesel, Ducato 2.8 Diesel 4x4, Ducato 2.8 Jtd, Ducato 2.8 Jtd 4x4, **PEUGEOT:** Boxer 2.8 Hdi, Boxer 2.8 Hdi 4x4, **FORD:** Cargo 8t / 11t / 13t / 15t / 24t / 26t / C 7t / C 8t / C 9t / C 12t / C 13t / C 14t / C 15t / C 16t / C 17t C 24t, F-250, **TOYOTA:** Hilux / Sw4 D4d 2.5 / 2.8 / 3.0 Diesel (2006→), Hilux D4d , Sw4 D4d, Yaris D4d, Yaris Verso D4d, Corolla D4d, Corolla Versod4d, Avensis D4d, Avensis Verso D4d, Rav4 D4d, Landcruiser D4d, Previa D4d. **SEAT:** Alhambra/ Cordoba 1.9 Tdi (97→01), **VOLKSWAGEN:** Golf 1.9 Tdi (97→01), **PORSCHE:** Boxster (96→04) 2.5 / 2.7 / 3.2, 911 Carrera / Carrera 3.6, 912, 996, 997, Gt3, Cayenne 2002, **MERCEDES BENZ:** Sprinter 515 CDI

Aplicação / Application: **UF-11.099, UF-11.111, UF-11.143, UF-11.159, UF-11.218, UF-11.220, UF-11.122, UF-11.625**

Bosch Equivalente / Replace



R - 0078 **Equivalente /** Replace: 1 006 200 220, F 000 AL1 974, F 000 AL2 625

Motor de Partida / Starter: F 004 A94 008, F 004 A94 011, F 000 AL0 111, F 000 AL0 130, F 000 AL0 152, F 000 AL0 150

Aplicação / Application: **TOYOTA:** Hillux D4d, Sw4 D4d, Hilux / Sw4 D4d 2.5/ 2.8/ 3.0 Diesel (2006→), Yaris D4d, Yaris Verso D4d, Corolla D4d, Corola Verso D4d, Avensis D4d, Avensis Verso D4d, Rav4 D4d, Land Cruiser D4d, Previa D4d, **FORD:** F-250, Cargo 8t / 11t / 13t / 15t / 24t / 26t / C 7t / C 8t / C 9t / C 12t / C 13t / C 14t / C 15t / C 16t / C 17t C 24t, **MERCEDES BENZ:** Sprinter 515 CDI - **Aplicação /** Application: **UF-11.111, UF-11.159, UF-11.220, UF-11.625**

Bosch Equivalente / Replace

R - 0079

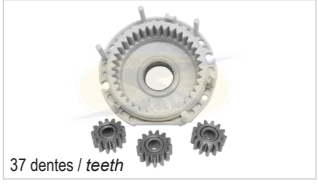
Equivalente / Replace: 1 006 200 117, 2 2363 0, 1 006 200 118, 2 2364 0, 1 006 200 126, 2 2366 0, F 000 AL2 625

Motor de Partida / Starter: 0 001 125 001, 0 001 125 002, 0 001 125 005, 0 001 125 006, 0 001 125 007, 0 001125 008, 0 001 125 009, 0 001 125 010, 0 001 125 012, 0 001 125 013, 0 001 125 021, 0 001 125 022, 0 001 125 031, 0 001 125 032, 0 001 125 035, 0 001 125 036, 0 001 125 042, 0 001 125 043, 0 001 125 051, 0 001 125 052, 0 001 124 011, 0 001 124 012, 0 001 125 039, 0 001 125 040, 0 001 125 501, 0 001 125 502, F 000 AL0 152, F 000 AL0 150

Aplicação / Application: **AUDI:** A2/A3/S3 1.9 Tdi, **SEAT:** Arosc 1.7sdi, Lupo 1.7 Sdi , Polo 1.7/ 1.9d Sdi,Lt 2.5 Td (99→), Lt 2.5 Td 4x4 (85→01), Alhambra, Cordoba, Ibiza Ii, Leon, Toledo 1.7d / 1.9d / Td / Tdi / Sdi / V5, **VOLKSWAGEN:** Bora, Candyii, Cabrio, Corrado, Eurovan, Golf, Jetta, New Beetle, Passat, Polo, Sharan Motores 1.4/ 1.5d / 1.6d / 1.8gti / 1.9 Sdi / Tdi / V5 / V6 / 2.8 Vr6 / 2.9 Vr6. Transporter 1.2 / 1.5 / 1.6 / 1.9td / 2.4d, 2.5 / 2.5 Syncro / Tdi / 2.8 Vr6, Vento 1.9d / Sdi / Td / Tdi / Vr6, **SKODA:** Fabia, Octavia 1.4tdi / 1.9 Sdi / Tdi, Tdi, **FORD:** Galaxy 1.9 / 2.0 / 2.3 / 2.8 Tdi / Vr6, Cargo 8t / 11t / 13t / 15t / 24t / 26t / C 7t / C 8t / C 9t / C 12t / C 13t / C 14t / C 15t / C 16t / C 17t C 24t, **MERCEDES BENZ:** V280, Sprinter 515 CDI

Aplicação / Application: **UF-11.099, UF-11.111, UF-11.117, UF-11.118, UF-11.122, UF-11.126, UF-11.143, UF-11.159, UF-11.218, UF-11.220, UF-11.625**

Bosch Equivalente / Replace



R - 0081

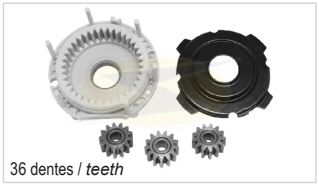
Equivalente / Replace: 1 005 821 307

Motor de Partida / Starter: 0 001 107 003, 0 001 108 013, 0 001 108 021, 0 001 108 022, 0 001 108 023, 0 001 108 026, 0 001 108 027, 0 001 108 030, 0 001 108 031, 0 001 108 032, 0 001 108 035, 0 001 108 037, 0 001 108 038, 0 001 108 040, 0 001 108 045, 0 001 108 046, 0 001 108 051, 0 001 108 052, 0 001 108 053, 0 001 108 056, 0 001 108 061, 0 001 108 066, 0 001 108 068, 0 001 108 069, 0 001 108 070, 0 001 108 072, 0 001 108 073, 0 001 108 076, 0 001 108 077, 0 001 108 081, 0 001 108 084, 0 001 108 091, 0 001 108 092, 0 001 108 093, 0 001 108 094, 0 001 108 095, 0 001 108 103, 0 001 108 104, 0 001 108 105, 0 001 108 135, 0 001 108 137, 0 001 108 144, 0 001 108 151, 0 001 108 154, 0 001 108 159, 0 001 109 040

Aplicação / Application: **ALFA, AUDI, CHRYSLER, FIAT, JEEP, ROVER, VOLKSWAGEN**

Aplicação / Application: **UF-11.307**

Bosch Equivalente / Replace



R - 0085

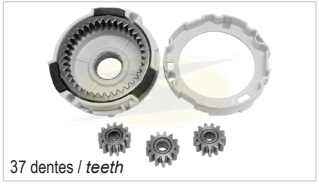
Equivalente / Replace: 2 337 1F4 029

Motor de Partida / Starter: 9 008 046 015

Aplicação / Application: **NISSAN**

Aplicação / Application: **UF-11.029**

Bosch Equivalente / Replace



R - 0087

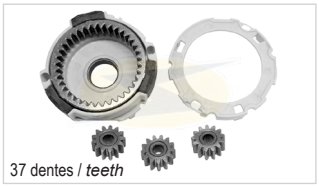
Equivalente / Replace: 1 006 200 104

Motor de Partida / Starter: 0 001 107 048, 0 001 108 064, 0 001 108 080, 0 001 108 088, 0 001 108 101, 0 001 108 102, 0 001 108 113, 0 001 108 121, 0 001 108 143

Aplicação / Application: **MERCEDES-BENZ, BMW, CHEVROLET-GM, OPEL, VOLVO, AUDI, FIAT, FORD, RENAULT**

Aplicação / Application: **UF-11.104**

Bosch Equivalente / Replace



R - 0094

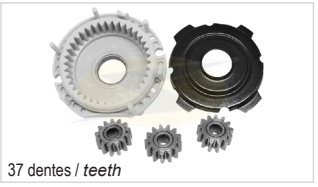
Equivalente / Replace:

Motor de Partida / Starter: 0 001 107 045

Aplicação / Application: **OPEL:** Calibra 2.0i 16v – 09/93> 08/96, Astra2.0i, 01/95 >02/98, **CHEVROLET-GM:** Astra, Astra Sedan 2.0i 16v – 02/99>07/01, Vectra2.0 16v 04/96 > 11/97, Zafira 2.0 Sfi 16v 04/01>

Aplicação / Application: **UF-11.058**

Bosch Equivalente / Replace



R - 0080

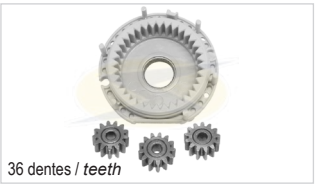
Equivalente / Replace: 1 006 200 110, 1 006 200 123, 1 006 200 128, F 000 AL1 015, F 000 AL1 017, F 000 AL1 019

Motor de Partida / Starter: 0 001 107 007, 0 001 107 009, 0 001 107 015, 0 001 107 020, 0 001 107 022, 0 001 107 023, 0 001 108 026, 0 001 108 048, 0 001 108 136, 0 001 108 146, 0 001 108 154, 0 001 108 159, 0 001109 040, 9 000 081 001, 9 000 081 005, 9 000 081 006, 9 000 081 007, 9 000 081 008, F 000 AL0 100, F 005 M00 012, F 005 M00 014

Aplicação / Application: **Para motores partida Bosch - DW**

Aplicação / Application: **UF-11.010, UF-11.015, UF-11.018, UF-11.019, UF-11.037, UF-11.128, UF-11.181, UF-11.195, UF-11.201**

Bosch Equivalente / Replace



R - 0083

Equivalente / Replace: 1 006 200 161

Motor de Partida / Starter: 0 001 107 056, 0 001 107 100, 0 001 107 101, 0 001 107 108, 0 001 107 075, F 000 AL0 106, F 000 AL0 101, F 000 AL0 104, 0 001 107 079, 0 001 107 088, F 000 AL0 158, F 000 AL0 121, F 000 AL0 127, 0 001 106 017, 0 001 106 023, 0 001 106 012, 0 001 106 022, **RENAULT:** 7700115294, **MERCEDES BENZ:** 0051511101, 0051514701, A0051511101, A0051514701, **TOYOTA:** 248100D100, 2810002080, 281000D100, 2810016230

Aplicação / Application: **ALFA ROMEO, AUDI, LANCIA, OPEL, PEUGEOT, VOLVO, SEAT, VAUXHALL, VOLKSWAGEN, CHEVROLET-GM:** Vectra 2.0 / 2.2 16V, **RENAULT:** Laguna 2.0 I 16v, Clio 2.0, Espace, Megane 1.8 / 2.0, Senic 1.8 / 2.0, Twingo, Kangoo, **CITROEN:** Xsara Picasso 2.0 - 16v, **TOYOTA:** Corolla 1.8i 16V (08.1998-06.2002), **FIAT:** Tipo 1.6i.e

Aplicação / Application: **UF-11.123, UF-11.153, UF-11.161, UF-11.204**

Bosch Equivalente / Replace

R - 0086

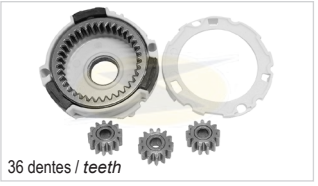
Equivalente / Replace: 1 006 200 059, 1 006 200 098

Motor de Partida / Starter: 0 001 107 403, 0 001 108 123, 0 001 108 124, 0 001 108 134, 0 001 108 160, 0 001 108 995

Aplicação / Application: **MERCEDES-BENZ:** C 180 / Tmodell / 200 / 220 / 230, Clk 230 K.P, E 230, Ml 230 Slk230 K.R, 124-200e, **CHRYSLER:** Dodge Dakota 2.5 D, Grand Caravan 2.5, Voyager 2.5 / 3.3 / 3.6

Aplicação / Application: **UF-11.059**

Bosch Equivalente / Replace



R - 0090

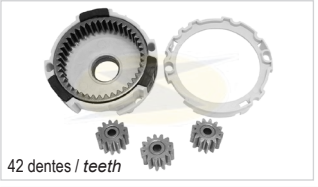
Equivalente / Replace:

Motor de Partida / Starter: 0 001 107 037, 0 001 107 048, 0 001 108 157, 0 001 108 169

Aplicação / Application: **MERCEDES-BENZ, BMW**

Aplicação / Application: **UF- 11.125, UF- 11.145**

Bosch Equivalente / Replace



R - 0105

Equivalente / Replace: 1 006 200 122, 2 235 0

Motor de Partida / Starter: 0 001 125 042

Aplicação / Application: **SEAT:** Alhambra / Cordoba 1.9 Tdi (97→01), **VOLKSWAGEM:** Golf 1.9 Tdi (97→01)

Aplicação / Application: **UF-11.122**

Bosch Equivalente / Replace

R - 0106

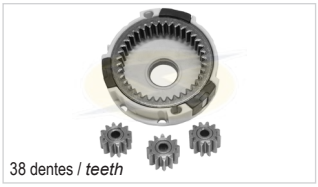
Equivalente / Replace: 6 033 AD0 053, 033 AC0 252, 6 033 AD0 090, 6 033 AD0 108

Motor de Partida / Starter: 001 223 001, 0 001 223 009, 0 001 223 010, 0 001 223 013, 0 001 223 505

Aplicação / Application: **FIAT:** Ducato 10 2.8 Td / Td Egr (97→02), **FORD:** F-250 6cc Mwm 6.07 Tca (99→), F-250 4cc Cummins 4btaa (98→), F-400, **IVECO:** Daily 12 8140 (97→), **PEUGEOT:** Jumper

Aplicação / Application: **UF-11.003, UF-11.063, UF-11.090**

Bosch Equivalente / Replace



R - 0108

Equivalente / Replace: 1 006 200 117, 2 2363 0, 1 006 200 118, 2 2364 0, 1 006 200 126, 2 2366 0

Motor de Partida / Starter: 0 001 125 001, 0 001 125 002, 0 001 125 005, 0 001 125 006, 0 001 125 007, 0 001125 008, 0 001 125 009, 0 001 125 010, 0 001 125 012, 0 001 125 013, 0 001 125 021, 0 001 125 022, 0 001 125 031, 0 001 125 032, 0 001 125 035, 0 001 125 036, 0 001 125 042, 0 001 125 043, 0 001 125 051, 0 001 125 052, 0 001 124 011, 0 001 124 012, 0 001 125 039, 0 001 125 040, 0 001 125 501, 0 001 125 502

Aplicação / Application: **AUDI:** A2/A3/S3 1.9 Tdi, **SEAT:** Arosa 1.7sdi, Lupo 1.7 Sdi , Polo 1.7/ 1.9d Sdi,Lt 2.5 Td (99→), Lt 2.5 Td 4x4 (85→01), Alhambra, Cordoba, Ibiza Ii, Leon, Toledo 1.7d/ 1.9d/ Td/ Tdi/ Sdi/ V5, **VOLKSWAGEN:** Bora, Candyii, Cabrio, Corrado, Eurovan, Golf, Jetta, New Beetle, Passat, Polo, Sharan Motores 1.4/ 1.5d/1.6d/1.8gti/ 1.9 Sdi/Tdi / V5/ V6 / 2.8 Vr6 / 2.9 Vr6. Transporter 1.2/ 1.5 / 1.6 /1.9td / 2.4d, 2.5/ 2.5 Syncro / Tdi / 2.8 Vr6, Vento 1.9d/ Sdi/ Td/ Tdi/ Vr6, **SKODA:** Fabia, Octavia 1.4tdi/ 1.9 Sdi/Tdi, Tdi, **FORD:** Galaxy 1.9 / 2.0 / 2.3 / 2.8 Tdi / Vr6, **MB:** V280

Aplicação / Application: **UF-11.117, UF-11.118, UF-11.126**

Bosch Equivalente / Replace

R - 0110

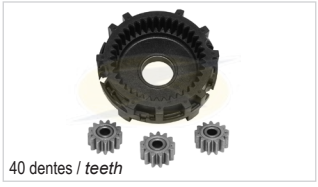
Equivalente / Replace: 9 001 337 067, 9 001 336 285, 9 001 337 073, 9 001 337 059, 9 001 337 056, 9 003 336 268

Motor de Partida / Starter: 9 000 331 406, 0 001 218 116, 0 001 218 117, 0 001 218 011, 0 001 218 122, 0 001 218 159, 0 001 218 168, 0 001 218 171, 0 001218 174, 0 001 218 177, 9 000 331 432, 9 000 331 433, 0 001 218 108, 0 001 218 137, 0 001 218 165, 0 001 218 722, 9 000 331 419

Aplicação / Application: **CHEVROLET-GM:** Blazer 2.5 Diesel (Motor 4a) (08/97→), Astra, Blazer, S10, Vectra - Ii(Sohc) 1.8/2.0/2.2- 8v (→03/01), **OPEL:** Frontera 2.3 Td (Motor 23 Dtr Turbo), Omega 2.3 Td (Motor 23 Dtr) (09/88→03/94) , (Motor 23ydt) (09/86→08/88), **FIAT:** Ducato 10 2.5 D (Motor 8140.67) (03/94→03/98) E Td Egr (Motor 8140.47) (03/94→03/98), **MBB:** Classe S600 Sec V12 / S 600 (Motor 120- 982) (09/96→08/99), 600 Sel (Motor 120.980) (04/91→05/93), S600 (Motor 120.980) (06/93→09/95). Série Mb 100d (Motor Om 616.963) (09/91→01/96), Mb 180d (Motor 616) (04/94→), 310d Sprinter (Motor Om014a) (1996→), 312d (Motor Om014la) (08/99→), 412d (Motor Om014la) (10/99→), **LAND ROVER:** Defender 2.5 Turbo Diesel (Motor Geminitcidi 23l) (08/90→12/01), (Motor Maxion Hs4tcc) (08/98→), Discovery 2.5 Tdi (Motor 12l / 21l) (09/89>→09/94), (Motor 19l) (10/93→12/98), Range Rover I 2.5 Tdi Classic (Motor 14l) (10/92→09/94), (Motor 300 Tdi (10/94→04/96). Range Rover Ii 2.5 Dt /Dse (Motor M51- D25) (09/94→09/02), IVECO: Daily 10 (Motor 8140) (11/97→), **DODGE:** Dakota 2.5d (Motor Magnum 2.5 L-4) (10/98→), **FORD:** F-1000 (10/95→), F-1000 Hsd (10/95→), **RENAULT:** Jumper, **SSANGYONG:** Musso 2.9 Diesel (Motor Om 662 D29) (07/93→), **VOLKSWAGEN:** Transporter 2.4d, Syncro (90→94)

Aplicação / Application: **UF-11.067, UF-11.073, UF-11.590**

Bosch Equivalente / Replace



R - 0116

Equivalente / Replace:

Motor de Partida / Starter: 0 001 121 440

Aplicação / Application: **FIAT:** Bravo 1.8 E-Torq 1.6 / 1.8, Doblo 1.8 / Adventure Locker 1.8, Grand Siena 1.6 Flex / 1.6 Flex Dualogic, Idea 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex / Adventure 1.8 16V Flex, Palio (Fase IV) 1.6 16V Flex / (Fase IV) 1.6 16V Flex Dualogic / 1.6 MPI 16V Flex / Adventure 1.8 16V Flex / Weekend 1.6 Flex / Adventure (Fase IV) 1.8 Flex / Weekend 1.6 Flex, Punto 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex, Siena 1.6 MPI 16V Flex, Strada 1.8 MPI 16V Flex / Adventure Locker 1.8 MPI 16V Flex / 1.6 Flex / Adventure 1.8 Flex

Aplicação / Application: **UF-11.358**

Bosch Equivalente / Replace

R - 0107

Equivalente / Replace: 6 033 AD0 053, 033 AC0 252, 6 033 AD0 090, 6 033 AD0 108

Motor de Partida / Starter: 001 223 001, 0 001 223 009, 0 001 223 010, 0 001 223 013, 0 001 223 505

Aplicação / Application: **FIAT:** Ducato 10 2.8 Td / Td Egr (97→02), **FORD:** F-250 6cc Mwm 6.07 Tca (99→), F-250 4cc Cummins 4btaa (98→), F-400, **IVECO:** Daily 12 8140 (97→), **PEUGEOT:** Jumper

Aplicação / Application: **UF-11.003, UF-11.063, UF-11.090**

Bosch Equivalente / Replace

R - 0109

Equivalente / Replace: 9 001 337 067, 9 001 336 285, 9 001 337 073, 9 001 337 059, 9 001 337 056, 9 003 336 268

Motor de Partida / Starter: 9 000 331 406, 0 001 218 116, 0 001 218 117, 0 001 218 011, 0 001 218 122, 0 001 218 159, 0 001 218 168, 0 001 218 171, 0 001218 174, 0 001 218 177, 9 000 331 432, 9 000 331 433, 0 001 218 108, 0 001 218 137, 0 001 218 165, 0 001 218 722, 9 000 331 419

Aplicação / Application: **CHEVROLET-GM:** Blazer 2.5 Diesel (Motor 4a) (08/97→), Astra, Blazer, S10, Vectra - Ii(Sohc) 1.8/2.0/2.2- 8v (→03/01), **OPEL:** Frontera 2.3 Td (Motor 23 Dtr Turbo), Omega 2.3 Td (Motor 23 Dtr) (09/88→03/94), (Motor 23ydt) (09/86→08/88), **FIAT:** Ducato 10 2.5 D (Motor 8140.67) (03/94→03/98) E Td Egr (Motor 8140.47) (03/94→03/98), **MBB:** Classe S600 Sec V12 / S 600 (Motor 120- 982) (09/96→08/99), 600 Sel (Motor 120.980) (04/91→05/93), S600 (Motor 120.980) (06/93→09/95), Série Mb 100d (Motor Om 616.963) (09/91→01/96), Mb 180d (Motor 616) (04/94→), 310d Sprinter (Motor Om014a) (1996→), 312d (Motor Om014la) (08/99→), 412d (Motor Om014la) (10/99→), **LAND ROVER:** Defender 2.5 Turbo Diesel (Motor Geminitcidi 23l) (08/90→12/01), (Motor Maxion Hs4tcc) (08/98→), Discovery 2.5 Tdi (Motor 12l / 21l) (09/89>→09/94), (Motor 19l) (10/93→12/98), Range Rover I 2.5 Tdi Classic (Motor 14l) (10/92→09/94), (Motor 300 Tdi (10/94→04/96), Range Rover Ii 2.5 Dt /Dse (Motor M51- D25) (09/94→09/02), **IVECO:** Daily 10 (Motor 8140) (11/97→), **DODGE:** Dakota 2.5d (Motor Magnum 2.5 L-4) (10/98→), **FORD:** F-1000 (10/95→), F-1000 Hsd (10/95→), **RENAULT:** Jumper, **SSANGYONG:** Musso 2.9 Diesel (Motor Om 662 D29) (07/93→), **VOLKSWAGEN:** Transporter 2.4d, Syncro (90→94)

Aplicação / Application: **UF- 11.056, UF-11.067, UF-11.073, UF-11.138, UF-11.590**

Bosch Equivalente / Replace

R - 0112

Equivalente / Replace: 9 002 338 850

Motor de Partida / Starter: 0 001 218 108, 0 001 218 137, 0 001 218 165, 0 001 218 722, 9 000 331 419

Aplicação / Application: **MBB:** Classe S600 Sec V12 / S 600 (Motor 120-982) (09/1996→08/1999), 600 Sel (Motor 120.980) (04/1991→05/1993), S600 (Motor 120.980) (06/1993→09/1995), Série, Mb 100d (Motor Om 616.963) (09/1991→01/1996), Mb 180d (Motor 616 (04/1994→), **SSANGYONG:** Musso 2.9 Diesel (Motor Om 662 D29) (07/1993→)

Aplicação / Application: **UF-11.056, UF-11.138**

Bosch Equivalente / Replace

R - 0117

Equivalente / Replace:

Motor de Partida / Starter: 0 001 121 440

Aplicação / Application: **FIAT:** Bravo 1.8 E-Torq 1.6 / 1.8, Doblo 1.8 / Adventure Locker 1.8, Grand Siena 1.6 Flex / 1.6 Flex Dualogic, Idea 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex / Adventure 1.8 16V Flex, Palio (Fase IV) 1.6 16V Flex / (Fase IV) 1.6 16V Flex Dualogic / 1.6 MPI 16V Flex / Adventure 1.8 16V Flex / Weekend 1.6 Flex / Adventure (Fase IV) 1.8 Flex / Weekend 1.6 Flex, Punto 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex, Siena 1.6 MPI 16V Flex, Strada 1.8 MPI 16V Flex / Adventure Locker 1.8 MPI 16V Flex / 1.6 Flex / Adventure 1.8 Flex

Aplicação / Application: **UF-11.358**

Bosch Equivalente / Replace

37 dentes / *teeth*

R - 0118

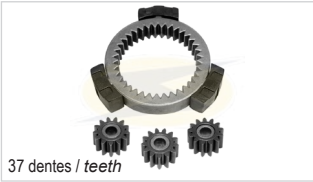
Equivalente / Replace:

Motor de Partida / Starter: F 000 AL0 901, F 000 AL0 903, 0001107424

Aplicação / Application: **MERCEDES-BENZ:** Sprinter 311 CDI / 415 CDI / 515 CDI, **BMW:** 325

Aplicação / Application: **UF-11.369**

Bosch Equivalente / Replace



37 dentes / *teeth*

R - 0120

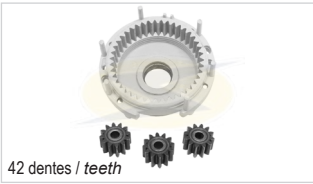
Equivalente / Replace:

Motor de Partida / Starter: 0 001 223 005, **MBB:** 0051512901

Aplicação / Application: **MERCEDES-BENZ:** Sprinter 616 CDi, Classe C 270 CDi / 270 CDi T-Modell, Classe CLK 270 CDi, Classe E 270 CDi / 270 CDi T-Modell / 320 CDi / 320 CDi T-Modell, Classe ML 270 CDi, Classe S 320 CDi, Classe-M, Classe-S, Sprinter 216 / 316 / 416

Aplicação / Application: **UF-11.215**

Bosch Equivalente / Replace



42 dentes / *teeth*

R - 0122

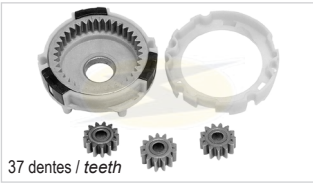
Equivalente / Replace: 1 006 200 015

Motor de Partida / Starter: 0 001 109 009, **0 001 110** 003 / 005 / 024 / 025 / 042 / 055 / 082 / 092 / 102 / 115 / 124 / 125

Aplicação / Application: **IVECO, LANCIA, FIAT:** Duna 1.7, Fiorino 1.7 Diesel / TD, Palio TD, Penny Van 1.7 Diesel, Punto 1.7 Diesel / TD, Regata 1.7 Diesel, Ritmo Diesel, Strada 1.7 TD, Tipo 1.7 Diesel, Uno 1.3 Diesel Super / 1.4 / 1.7, **SEAT:** Ibiza 1.7

Aplicação / Application: **UF-11.025**

Bosch Equivalente / Replace



37 dentes / *teeth*

R - 0124

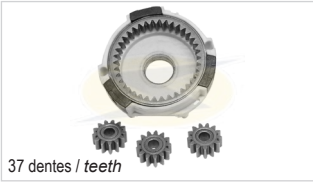
Equivalente / Replace: 1 006 200 116 / 152

Motor de Partida / Starter: 0 001 115 079, 0 001 115 078, 55832949, 51832949, 51 832 949 A 152

Aplicação / Application: **FIAT:** Ducato 2.3 Multijet, **PEUGEOT:** Boxer, **CITROEN:** Jumper Multijet Diesel 2010

Aplicação / Application: **UF-11.079, UF-11.116**

Bosch Equivalente / Replace



37 dentes / *teeth*

R - 0125

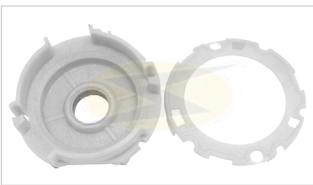
Equivalente / Replace:

Motor de Partida / Starter: F 010 AL0 103 - EQ. PRIMÁRIO, F 000 AL0 126 - REPOSIÇÃO

Aplicação / Application: **VOLKSWAGEN:** Gol 1.6 D, Kombi 1.6, Parati 1.6 D, Iii 1.9 D, Saveiro 1.6 D, Iii 1.9 D, Transporter Diesel Bef 010 Al 1 039

Aplicação / Application: **UF-11.039, UF-11.058, UF-11.079, UF-11.108, UF-11.116, UF-11.190**

Bosch Equivalente / Replace



R - 0127

Equivalente / Replace: 1 006 200 132

Motor de Partida / Starter: 0 001 107 016

Aplicação / Application: **FORD:** Escort 1.8 I Zetec / 1.8 I 16v Zetec, Mondeo 2.0 I / 2.0 I, Turnier Nga

Aplicação / Application: **UF-11.132**

Bosch Equivalente / Replace

40 dentes / *teeth*

R - 0128

Equivalente / Replace:

Motor de Partida / Starter: 0 001 223 001, 0 001 223 009, 0 001 223 010, 0 001 223 013, 0 001 223 002, 0 001 223 003, 0 001 223 007, 0 001 223 016, 0 001 223 021, 0 001 223 024, **IVECO:** 48498717, 500307724 504201467, 92901859

Aplicação / Application: **FIAT, FORD, IVECO**

Aplicação / Application: **UF-11.003, UF-11.063, UF-11.090, UF-11.727**

Bosch Equivalente / Replace

37 dentes / *teeth*

R - 0119

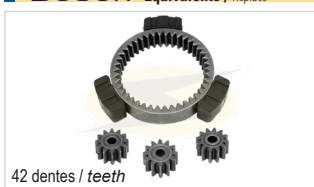
Equivalente / Replace:

Motor de Partida / Starter: F 000 AL0 901, F 000 AL0 903, 0001107424

Aplicação / Application: **MERCEDES-BENZ:** Sprinter 311 CDI / 415 CDI / 515 CDI, **BMW:** 325

Aplicação / Application: **UF-11.369**

Bosch Equivalente / Replace



42 dentes / *teeth*

R - 0121

Equivalente / Replace:

Motor de Partida / Starter: 9 000 331 406, 0 001 218 116, 0 001 218 117, 0 001 218 011, 0 001 218 122, 0 001 218 159, 0 001 218 168, 0 001 218 171, 0 001 218 174, 0 001 218 177, 9 000 331 432, 9 000 331 433

Aplicação / Application: **GM, FORD, FIAT, IVECO, LAND ROVER, CHRYSLER, MERCEDES-BENZ**

Aplicação / Application: **UF-11.067, UF-11.073, UF-11.590**

Bosch Equivalente / Replace

R - 0123

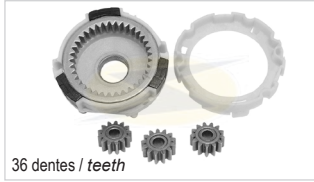
Equivalente / Replace: 9 001 337 056, 9 003 336 268, 9 000 331 406, 9 001 337 067, 9 001 336 285, 9 001 337 073, 9 001 337 059

Motor de Partida / Starter: 0 001 218 108, 0 001 218 137, 0 001 218 165, 0 001 218 722, 9 000 331 419, 9 000 331 406, 0 001 218 116, 0 001 218 117, 0 001 218 011, 0 001 218 122, 0 001 218 159, 0 001 218 168, 0 001 218 171, 0 001218 174, 0 001 218 177, 9 000 331 432, 9 000 331 433

Aplicação / Application: **CHEVROLET:** Blazer 2.5 Diesel(Motor 4a) (08/97→), Astra, S10, Vectra - Ii(Sohc) 1.8/2.0/2.2-8v (→03/01), **OPEL:** Frontera 2.3 Td (Motor 23 Dtr Turbo), Omega 2.3 Td (Motor 23 Dtr) (09/88→03/94) / (Motor 23ydt) (09/86→08/88), **FIAT:** Ducato 10 2.5 D (Motor 8140.67) (03/94→03/98) / Td Egr (Motor 8140.47) (03/94→03/98), **MERCEDES-BENZ:** Classe S600 Sec V12 / S 600 (Motor 120- 982) (09/96→08/99), 600 Sel (Motor 120.980) (04/91→05/93), S600 (Motor 120.980) (06/93→09/95), Série Mb 100d (Motor Om 616.963) (09/91→01/96), Mb 180d (Motor 616) (04/94→), 310d Sprinter (Motor Om014a) (1996→), 312d (Motor Om014la) (08/99→), 412d (Motor Om014la) (10/99→), **LAND ROVER:** Defender 2.5 Turbo Diesel (Motor Geminitcidi 23l) (08/90→12/01) / (Motor Maxion Hs4tcc) (08/98→), Discovery 2.5 Tdi (Motor 12l / 21l) (09/89>→09/94) / (Motor 19l) (10/93→12/98), Range Rover I 2.5 Tdi Classic (Motor 14l) (10/92→09/94) / (Motor 300 Tdi (10/94→04/96), Range Rover Ii 2.5 Dt / Dse (Motor M51- D25) (09/94→09/02), **IVECO:** Daily 10 (Motor 8140) (11/97→), **DODGE:** Dakota 2.5d (Motor Magnum 2.5 L-4) (10/98→), **FORD:** F-1000 10.1995→, F-1000 Hsd 10.1995> **RENAULT:** Jumper, **SSANGYONG:** Musso 2.9 Diesel (Motor Om 662 D29) (07.1993→), **VOLKSWAGEN:** Transporter 2.4d, Syncro (90-94)

Aplicação / Application: **UF-11.056, UF-11.067, UF-11.073, UF-11.138, UF-11.590**

Bosch Equivalente / Replace



36 dentes / *teeth*

R - 0126

Equivalente / Replace: 1 006 200 120

Motor de Partida / Starter: 0 001 115 008, 0 001 108 167, 0 001 115 020, 0 001 115 040, 0 001 115 041, **MERCEDES BENZ:** 0051511601, A0051511601

Aplicação / Application: **VOLKSWAGEN, FIAT, MERCEDES BENZ:** A 160, A 170, Vaneo 1.7 Cdi, **VOLVO:** 850 2.5, C70, S40, S60, S70 , S80, V40, V70, XC70, XC90, **RENAULT:** Safrane 1.9 16V / 2.5 20V

Aplicação / Application: **UF-11.120**

Bosch Equivalente / Replace

42 dentes / *teeth*

R - 0129

Equivalente / Replace: 1 006 200 015

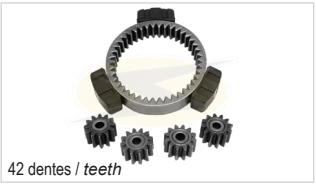
Motor de Partida / Starter: 0 001 110 025, 0 001 109 009, 0 001 110 003, 0 001 110 005, 0 001 110 024, 0 001 110 042, 0 001 110 055, 0 001 110 082, 0 001 110 092, 0 001 110 102, 0 001 110 115, 0 001 110 124, 0 001 110 125

Aplicação / Application: **IVECO, LANCIA, FIAT:** Duna 1.7, Fiorino 1.7 Diesel / TD, Palio TD, Penny Van 1.7 Diesel, Punto 1.7 Diesel / TD, Regata 1.7 Diesel, Ritmo Diesel, Strada 1.7 TD, Tipo 1.7 Diesel, Uno 1.3 Diesel Super / 1.4 / 1.7, **SEAT:** Ibiza 1.7,

Aplicação / Application: **UF-11.025**

Bosch Equivalente / Replace

R - 0130 Equivalente / Replace:


42 dentes / *teeth*

Motor de Partida / Starter: 0 001 218 108, 0 001 218 137, 0 001 218 165, 0 001 218 722, 9 000 331 419

Aplicação / Application: **MARCOPOLO, MERCEDES-BENZ**

Aplicação / Application: **UF-11.056, UF-11.138**

Bosch Equivalente / Replace

R - 0133 Equivalente / Replace: 1 006 200 110, 1 006 200 123, 1 006 200 018, F 000 AL1 019, F 000 AL1 015, F 000 AL1 017, F 000 AL1 037, 1 006 200 128, 1 006 200 043, F 000 AL1 181

Motor de Partida / Starter: 0 001 107 009, 0 001 107 015, 9 000 081 004, 0 001 108 026, 0 001 108 048, 0 001 108 136, 0 001 108 146, 0 001 108 154, 0 001 108 159, 0 001 109 040, F 005 M00 012, F 005 M00 014, 9 000 081 006, 9 000 081 007, 9 000 081 001, 9 000 081 002, 9 000 081 005, 9 000 081 008, F 000 AL0 100, 0 001 107 007, 0 001 107 008, 0 001 107 020, 0 001 107 021, 0 001 107 052, 0 001 107 053, F 000 AL0 502, F 000 AL0 507, 0 001 107 022, 0 001 107 023

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, Ipanema, Kadett, Omega, S-10, Vectra, Zafira, **OPEL:** Astra, Calibra, Omega, Vectra, Omega Importado (Austrália) 3.8 / V6, **AUDI:** A3 1.8, A3 1.8T, A3 100 2.2, A3 200 2.2T, **CITRÖEN:** Berlingo, Xantia, Xantia XM, Xsara, Xsara ZX, **PEUGEOT:** 306, 405, 605, 806, Partner, **ALFA ROMEO:** Alfa 155 2.0TS, Alfa 156, Alfa 164, Alfa 166, Alfa Spider, Alfa 145, Alfa 1.6IE, **FIAT:** Croma 2.0IE, Croma 16V, Croma Turbo, Tempra 2.0IE., Tipo 1.8, Tipo 2.0, Tempra 2.0, MPI / SPI / 8V / 16V / Turbo, Palio 1.6 16V, Palio Weekend 1.6 16V, Palio Weekend 8V, **JEEP:** Cherokee 2.5I, **LAND ROVER:** Range Rover I, Range Rover II, **HOLDEN:** Calais 5.0, Caprice 5.0, Caprice Statesman 5.0, **VOLKSWAGEN:** Gol, Quantum, Voyage, Golf 1.8, Golf 1.8 II, Golf 1.81.8 E III, Logus 1.6, Logus 1.8, Logus 2.0, Logus, Logus MI, Pointer 1.8, Pointer 2.0, Pointer I, Pointer MI, Van 1.6 MI, Passat (Import) 2.0, Parati, Parati II, Parati III, Parati 1.8, Parati 2.0 MI, Santana, Quantum 1.8, Quantum 2.0 MI, Saveiro III 1.6, Saveiro 1.8, Saveiro 2.0 MI, **FORD:** Escort 1.6I, Escort 1.8I, Escort 2.0I, Verona1.8I, Verona 2.0I, **SEAT:** Inca 1.6 EFI, Alhambra, City Golf, Cordoba, Ibiza, Para motores partida Bosch - DW

Aplicação / Application: **UF-11.010, UF-11.015, UF-11.018, UF-11.019, UF-11.029, UF-11.037, UF-11.123, UF-11.128, UF-11.153, UF-11.161, UF-11.181, UF-11.195, UF-11.201, UF-11.204, UF-11.307**

Bosch Equivalente / Replace

R - 0139 Equivalente / Replace:

40 dentes / *teeth*

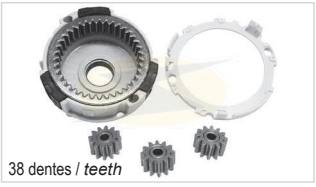
Motor de Partida / Starter: F 002 G20 727

Aplicação / Application: **FORD:** Cargo C1317 / 1319 / 1517 / 1519 / 1717 / 1719 / 1722 / 1723 / 2422 / 2423 / 2428 / 2429 / 2622 / 2623 / 2628 / 2629 (Cargo C13t, C15t, C17t, C24t, C26t)

Aplicação / Application: **UF-11.727**

Bosch Equivalente / Replace

R - 0141 Equivalente / Replace: F 000 AL2 779, F 000 AL2 653


38 dentes / *teeth*

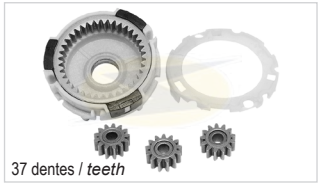
Motor de Partida / Starter: F 000 AL0 128, F 000 AL0 136, F 000 AL0 138, F 000 AL0 139, F 000 AL0 157

Aplicação / Application: **AGRALE:** 5000 D, 6150 TD, 7000 D, 7500 TD, Trator BX4.60 / BX4.90 / BX4.100 / BX4.110 / BX4.130 / BX4.150, **CASE:** Escavadeira 80 CR / P, Pá carregadeira W18 / W20, **CBT:** Trator 1065 / 1105 / 2080 / 2105 / 8060 / 8240 / 8440, **CHEVROLET-GM:** D6000, D20, **FIAT ALLIS:** Retroescavadeira FB80, **FORD:** Cargo C 814 / 815 / 1215 / 1216 / 1217 / 1415 / 1416 / 1417 / 1421 / 1617 / 1621, F4000, Trator 8040 / 8055, **JOHN DEERE:** Colheitadeira SLC 6200 / 6200 Turbo / 7200 Turbo / 7700 Turbo, **MASSEY FERGUSON:** Trator MF1630 / MF3640 / MF5650 / MF6845 / MF6855 / MF6865, **MAXION:** Trator 9075 / 9090, **MERCEDES BENZ:** 608 L D, 610 L, 708 L E, 709, 710, 712, 809 LO, 812 LO, 814 LO, 912, 914, 917, 1013 L, 1111 L, 1113 L, 1114 L, 1116 L, 1117 L, 1214 C, 1218 L, 1219 LP, 1313 L, 1316 L, 1317 L, 1318 L, 1319 L, 1414 L, 1418 L, 1419 LP, 1420 L, 1513 L, 1516 L, 1517 L, 1518 L, 1518 LS, 1614 L, 1620 L, 1621 L, 1714 K, 1717 K, 1718 A, 1720, 1721, 1722, 1723, 2013 L, 2014 L, 2016 L, 2213 L, 2214 L, 2215 L, 2216 L, 2217 L, 2218 LB, 2218 LK, 2314 L, 2318 L, 2318 LB, 2318 LK, 2418, O362, O364, O365, OF812, OF1113, OF1114, OH1113, OH1313, OH1314, OH1316, **MWM:** Motor D229-4 / D229-6 / TD229-6, **NEW HOLLAND:** Trator 8040 / 8055, **SLC:** Colheitadeira 6200 / 6200 Turbo / 7200 Turbo / 7700 Turbo, **TOYOTA:** Bandeirante, **VALMET:** Trator 62 ID / 65 ID / 68 / 78 / 88 / 110 ID / 118 D / 128 D / 138 Turbo / 148 / 880 / 980, **VALTRA:** Tratores, **VOLKSWAGEN:** 12170, 13170, 13190, 14170, 15170, 16170, 16200, 17210

Aplicação / Application: **UF-11.779**

Bosch Equivalente / Replace

R - 0131 Equivalente / Replace: 1 006 200 132, 1 006 200 133


37 dentes / *teeth*

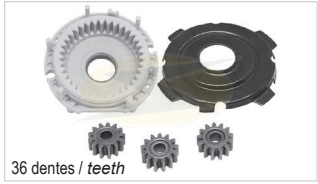
Motor de Partida / Starter: 0 001 107 016, 0 001 107 027

Aplicação / Application: **FORD:** Escort 1.8i Zetec / 1.8i 16v Zetec / 1.6i 16v, Mondeo 2.0i, Turnier Nga

Aplicação / Application: **UF-11.132**

Bosch Equivalente / Replace

R - 0138 Equivalente / Replace: F 000 AL1 204


36 dentes / *teeth*

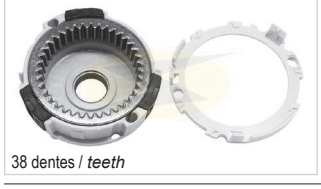
Motor de Partida / Starter: **BOSCH:** 0 001 107 056, 0 001 107 100, 0 001 107 101, 0 001 107 108, 0 001 107 075, 183, F 000 AL0 106, F 000 AL0 101, F 000 AL0 104, 0 001 107 079, 0 001 107 088, F 000 AL0 158, F 000 AL0 121, F 000 AL0 127, 0 001 106 017, 0 001 106 023, 0 001 106 012, 0 001 106 022, **RENAULT:** 7700115294, **MERCEDES BENZ:** 0051511101, 0051514701, A0051511101, A0051514701, **TOYOTA:** 248100D100, 2810002080, 281000D100, 2810016230

Aplicação / Application: **ALFA ROMEO, AUDI, LANCIA, OPEL, PEUGEOT, VOLVO, SEAT, VAUXHALL, VOLKSWAGEN, CHEVROLET-GM:** Vectra, **RENAULT:** Laguna, Clio, Espace, Megane, Senic, Twingo, Kangoo, **CITROEN:** Xsara Picasso, **TOYOTA:** Corolla 1.8i 16V (08.1998-06.2002), **FIAT:** Tipo 1.6i

Aplicação / Application: **UF-11.123, UF-11.153, UF-11.161, UF-11.204**

Bosch Equivalente / Replace

R - 0140 Equivalente / Replace: F 000 AL2 779, F 000 AL2 653


38 dentes / *teeth*

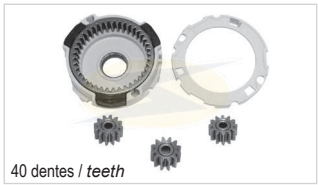
Motor de Partida / Starter: F 000 AL0 128, F 000 AL0 136, F 000 AL0 138, F 000 AL0 139, F 000 AL0 157

Aplicação / Application: **AGRALE:** 5000 D, 6150 TD, 7000 D, 7500 TD, Trator BX4.60 / BX4.90 / BX4.100 / BX4.110 / BX4.130 / BX4.150, **CASE:** Escavadeira 80 CR / P, Pá carregadeira W18 / W20, **CBT:** Trator 1065 / 1105 / 2080 / 2105 / 8060 / 8240 / 8440, **CHEVROLET-GM:** D6000, D20, **FIAT ALLIS:** Retroescavadeira FB80, **FORD:** Cargo C 814 / 815 / 1215 / 1216 / 1217 / 1415 / 1416 / 1417 / 1421 / 1617 / 1621, F4000, Trator 8040 / 8055, **JOHN DEERE:** Colheitadeira SLC 6200 / 6200 Turbo / 7200 Turbo / 7700 Turbo, **MASSEY FERGUSON:** Trator MF1630 / MF3640 / MF5650 / MF6845 / MF6855 / MF6865, **MAXION:** Trator 9075 / 9090, **MERCEDES BENZ:** 608 L D, 610 L, 708 L E, 709, 710, 712, 809 LO, 812 LO, 814 LO, 912, 914, 917, 1013 L, 1111 L, 1113 L, 1114 L, 1116 L, 1117 L, 1214 C, 1218 L, 1219 LP, 1313 L, 1316 L, 1317 L, 1318 L, 1319 L, 1414 L, 1418 L, 1419 LP, 1420 L, 1513 L, 1516 L, 1517 L, 1518 L, 1518 LS, 1614 L, 1620 L, 1621 L, 1714 K, 1717 K, 1718 A, 1720, 1721, 1722, 1723, 2013 L, 2014 L, 2016 L, 2213 L, 2214 L, 2215 L, 2216 L, 2217 L, 2218 LB, 2218 LK, 2314 L, 2318 L, 2318 LB, 2318 LK, 2418, O362, O364, O365, OF812, OF1113, OF1114, OH1113, OH1313, OH1314, OH1316, **MWM:** Motor D229-4 / D229-6 / TD229-6, **NEW HOLLAND:** Trator 8040 / 8055, **SLC:** Colheitadeira 6200 / 6200 Turbo / 7200 Turbo / 7700 Turbo, **TOYOTA:** Bandeirante, **VALMET:** Trator 62 ID / 65 ID / 68 / 78 / 88 / 110 ID / 118 D / 128 D / 138 Turbo / 148 / 880 / 980, **VALTRA:** Tratores, **VOLKSWAGEN:** 12170, 13170, 13190, 14170, 15170, 16170, 16200, 17210

Aplicação / Application: **UF-11.779**

Bosch Equivalente / Replace

R - 0143 Equivalente / Replace:


40 dentes / *teeth*

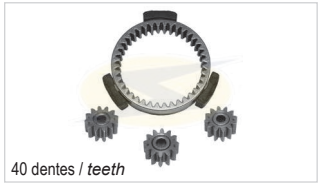
Motor de Partida / Starter: 0 001 121 006, 0 001 121 007, 0 001 121 008, 0 001 121 009, 0 001 121 016, 0 001 121 017, 0 001 121 018, 0 001 121 019, 0 001 121 024, 0 001 121 025, 0 001 121 026 , 0 001 121 027, 0 001 121 028, 0 001 121 029

Aplicação / Application: **AUDI:** A3, TT, **SEAT:** Ibiza, Cordoba, **VOLKSWAGEN:** Bora 2.0, Golf 2.0 Cabriolet / III 1.8 / III 2.0 / IV 1.6 / IV 1.8 / IV 2.0, New Beetle, Passat 2.0 Variant, Polo 2.0 / 1.8

Aplicação / Application: **UF-11.137**

Bosch Equivalente / Replace

R - 0144 Equivalente / Replace:


40 dentes / *teeth*

Motor de Partida / Starter: 0 001 121 006, 0 001 121 007, 0 001 121 008, 0 001 121 009, 0 001 121 016, 0 001 121 017, 0 001 121 018, 0 001 121 019, 0 001 121 024, 0 001 121 025, 0 001 121 026 , 0 001 121 027, 0 001 121 028, 0 001 121 029

Aplicação / Application: **AUDI:** A3 1.6 / 1.8 / 1.8 T, TT 1.8 T Coupe / Roadster, **SEAT:** Ibiza1.6 / 1.8, Cordoba 1.6 / 1.8 T Cupra / Vario 1.6, **VOLKSWAGEN:** Bora 2.0, Golf 2.0 Cabriolet / III 1.8 / III 2.0 / IV 1.6 / IV 1.8 / IV 2.0, New Beetle, Passat 2.0 Variant, Polo 2.0 / 1.8

Aplicação / Application: **UF-11.137**

Bosch Equivalente / Replace

41 dentes / *teeth*

R - 0145

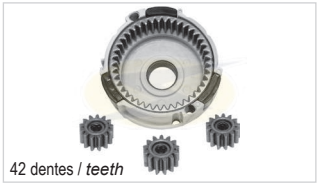
Equivalente / Replace:

Motor de Partida / Starter: 0 001 230 001, 0 001 230 003, 0 001 230 004, 0 001 230 005, 0 001 230 006, 0 001 230 007, 0 001 230 008, 0 001 230 009, 0 001 230 010, 0 001 230 012, 0 001 230 013, 0 001 230 014, 0 001 230 018, 0 001 230 023, 0 001 230 027, 0 001 230 030, 0 001 231 002, 0 001 231 003, 0 001 231 004, 0 001 231 005, 0 001 231 006, 0 001 231 007, 0 001 231 008, 0 001 231 009, 0 001 231 010, 0 001 231 011, 0 001 231 012, 0 001 231 013, 0 001 231 014, 0 001 231 016, 0 001 231 017, 0 001 231 018, 0 001 231 019, 0 001 231 023, 0 001 231 029, 0 001 231 030, 0 001 231 032, 0 001 231 033, 0 001 231 034, 0 001 231 035, 0 001 231 036, 0 001 231 039, 0 001 231 040, 0 001 231 041, 0 001 231 046, 0 001 231 046, 0 001 231 146

Aplicação / Application: **RENAULT:** S18 (1996->), **MBB:** 1215 (1999->), 1618 (1998->), 2423 (1998->), 712C, 914 C/LO, Accelo 915 C, 915 E, LO 915, 1318, 1215 C, L 1218 / 1418 / 1622, 1718 M, 1728, 1618 M, 2428, 2423, O 500 M / R / U, OF 1417 / 1418 / 1722, OH 1418, Unimog U 500, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Axor 1933 / 2536, **NEW HOLAND:** Série TL, SÉRIE TC, **CASE:** JX-Serie, **VOLVO:** Ônibus B7F/B7L/ B7R, Caminhão FM7, 1017 / 1215C / 1218L / 1315 / 1315OH / 1315OF / 1318 / 1318OF / 1318OH / 1417OF / 1418 / 1418L / 1418EL / 1418R / 1418OF / 1418OH / 1518 / 1518L/LS / 1618M / 1622A / 1622L / 1718 / 1718K / 1718A / 1718M / 1722OF / 1725 / 1728 / 1730OF / 1828L / 1933 / 1933LS/S / 2423 / 2425 / 2428 / 2533 / 500 OM / 500 OR / 500 OU/ 500 ORSD / 500 ORSE / 520O / 712C / 814 / 814F / 814L / 814LO / 915 / 915C / 915E / 915LO / 915 / 915C / 915E / 915LO, **IVECO:** Vertis

Aplicação / Application: **UF-11.244**

Bosch Equivalente / Replace


42 dentes / *teeth*

R - 0153

Equivalente / Replace:

Motor de Partida / Starter: 0 001 107 040, 0 001 110 029, 0 001 110 041, 0 001 110 072

Aplicação / Application: **ALPINA:** Roadster 4.8 V8 (2002->), **BMW:** 530 3.0 i (1994-1995),530 3.0 i V8 (1992-1997), 530 3.0 iT (1994-1995), 535 3.5 i (1996-2003), 540 4.0 i (1993-1997), 540 4.0 i V8 (1992-1995), 540 4.4 i (1996-2004), 540 4.4 i Sport (2001-2002), 540 4.4 iT (1999-2000), 730 3.0 i (1994-2001), 730 3.0 i V8 (1992-1994), 730 3.0 Li V8 (1992-1994), 735 3.5 i (1996-2001), 740 4.0 i (1993-2001), 740 4.0 i V8 (1992-1994), 740 4.0 iL (1993-1995), 740 4.0 Li V8 (1992-1994), 740 4.4 i (1996-2001), 740 4.4 iL (1996-1998), 840 4.0 Ci (1994-1995), 840 4.0 i (1993-1996), 840 4.4 Ci (1996-1999), M5 4.9 (2000-2003), M5 5.0 (1998-2003), X5 4.4 (2000-2003), X5 4.4 i (2000->), X5 4.6 iS (2002-2003), Z8 4.9 (2000-2003), Z8 5.0 (2001-2003).

Aplicação / Application: **UF-11.152**

Bosch Equivalente / Replace

R - 0161

Equivalente / Replace:

Motor de Partida / Starter: 0 001 107 514

Aplicação / Application: **TOYOTA:** Corolla 1.8 / 2.0

Aplicação / Application: **UF-11.514**

Delco Equivalente / Replace

50 dentes / *teeth*

R - 0063

Equivalente / Replace:

Motor de Partida / Starter: 9000846, 9000794

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra - Ii (Sohc) 1.8 /2.0 /2.2 - 8v Até 03 / 2001

Aplicação / Application: **UF-14.150**

Delco Equivalente / Replace

48 dentes / *teeth*

R - 0065

Equivalente / Replace:

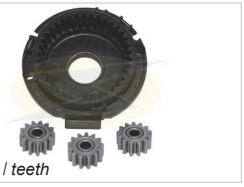
Motor de Partida / Starter: 9 000 786, 9 000 798, 9 000 804, 9 000 805, 9 000 806, 9 000 812, 9 000 819, 9 000 820, 9 000 821, 9 000 822, 9 000 827, 9 000 834, 9 000 835, 9 000 844, 9 000 850, 9 000 851, 9 000 853, 9 000 860, 9 000 861, 9 000 862, 9 000 863, 9 000 864, 9 000 866, 9 000 867, 9 000 899, 9 000 900, 10476598

Aplicação / Application: **CHEVROLET-GM:** Blazer 4.3V6,

CLARK: Empilhadeira C/ Cgp25

Aplicação / Application: **UF-14.910**

Bosch Equivalente / Replace


36 dentes / *teeth*

R - 0148

Equivalente / Replace:

Motor de Partida / Starter: 0 001 107 477, F 000 AL0 901

Aplicação / Application: **RENAULT:** Clio 2.0 Sport, Duster 2.0 16V Hi-Flex / Hi-Flex 4x4, Espace 2.0 / Turbo, Fluence 2.0 GT Laguna 2.0 TCe Grandtour / 2.0i 16V, Mégane 2.0 16V / Cabrio / Grandtour 16V, Scénic 2.0 16V / 2.0i 16V, Trafic 2.0

Aplicação / Application: **UF-11.477**

Bosch Equivalente / Replace

36 dentes / *teeth*

R - 0149

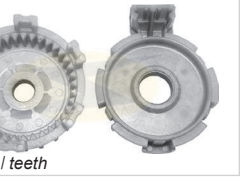
Equivalente / Replace:

Motor de Partida / Starter: 0 001 107 477, F 000 AL0 901

Aplicação / Application: **RENAULT:** Clio 2.0 Sport, Duster 2.0 16V Hi-Flex / Hi-Flex 4x4, Espace 2.0 / Turbo, Fluence 2.0 GT Laguna 2.0 TCe Grandtour / 2.0i 16V, Mégane 2.0 16V / Cabrio / Grandtour 16V, Scénic 2.0 16V / 2.0i 16V, Trafic 2.0

Aplicação / Application: **UF-11.477**

Bosch Equivalente / Replace


37 dentes / *teeth*

R - 0152

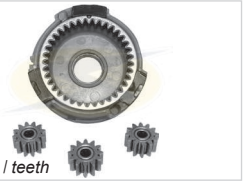
Equivalente / Replace:

Motor de Partida / Starter: 0 001 170 421

Aplicação / Application: **FIAT:** Uno, Mobi, Argo

Aplicação / Application: **UF-11.421**

Bosch Equivalente / Replace


37 dentes / *teeth*

R - 0159

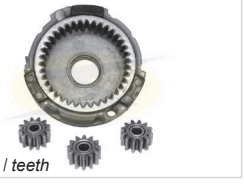
Equivalente / Replace:

Motor de Partida / Starter: 0 001 147 425

Aplicação / Application: **BMW:** 125 (2011->), 220 (2013->), 228 (2014->), 320 (2011->), 328 (2011->), 420 (2013->), 428 (2013->), 520 (2011->), 528 (2011->), GT320, X1 (2011->), X3 (2011->), X4 (2014->), Z4 sDrive 18 i 2.0 (2013->), Z4 sDrive 20 i 2.0 (2011->), Z4 sDrive 28 i 2.0 (2011->).

Aplicação / Application: **UF-11.575**

Bosch Equivalente / Replace


38 dentes / *teeth*

R - 0162

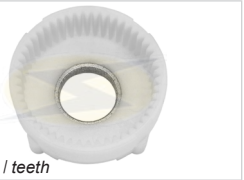
Equivalente / Replace:

Motor de Partida / Starter: 0 001 139 011, 0 001 139 012, 0 001 139 021, 0 001 139 022, 0 001 139 037, 0 001 137 038

Aplicação / Application: **PORSCHE:** Cayenne 4.8 GTS (2012-2014), Cayenne 4.8 S (2010-2014), Cayenne 4.8 Turbo (2010-2014), Cayenne 4.8 Turbo S (2013-2014), Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->).

Aplicação / Application: **UF-11.469**

Delco Equivalente / Replace


50 dentes / *teeth*

R - 0064

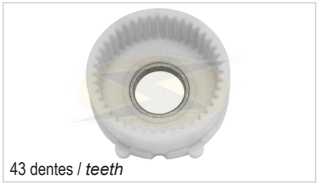
Equivalente / Replace:

Motor de Partida / Starter: 9000890, 9000891, 9000893, 8000660P, PG260B, PG260D

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra - Ii(Sohc) 1.8/2.0/2.2 8vapós 03/2001, Vectra - Ii(Dohc) 2.0/2.2 16v

Aplicação / Application: **UF-14.368, UF-14.525**

Delco Equivalente / Replace



43 dentes / *teeth*

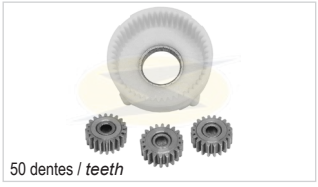
R - 0071 **Equivalente /** Replace: 10450720

Motor de Partida / Starter:

Aplicação / Application: **CHEVROLET-GM:** Blazer / S-10 C/ Motor Vortec V6 4.3

Aplicação / Application: **UF-14.890**

Delco Equivalente / Replace



50 dentes / *teeth*

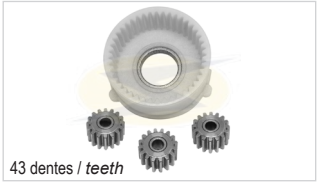
R - 0089 **Equivalente /** Replace:

Motor de Partida / Starter: 9000890, 9000891, 9000893, 8000660P, PG260B, PG260D

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra - Ii(Sohc) 1.8/2.0/2.2 8v, Após03/2001, Vectra - Ii(Dohc) 2.0/2.2 16v

Aplicação / Application: **UF-14.368, UF-14.525**

Delco Equivalente / Replace



43 dentes / *teeth*

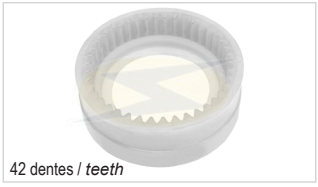
R - 0097 **Equivalente /** Replace: 10450720

Motor de Partida / Starter: 8000034, 9000973

Aplicação / Application: **CHEVROLET-GM:** Blazer/S-10 C/ Motor Vortec V6 4.3

Aplicação / Application: **UF-14.890**

Denso Equivalente / Replace



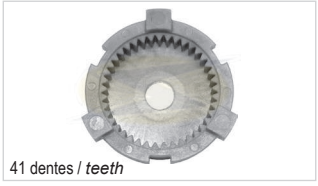
42 dentes / *teeth*

R - 0136 **Equivalente /** Replace:

Motor de Partida / Starter: 428000 8420

Aplicação / Application: **LAND ROVER:** Freelander 2.0 Si4 4x4 / LR2 2.0, Range Rover Evoque 2.0 Si4 4x4, DISCOVERY SPORT 2.0L, **MINI:** Cooper, **MERCEDES-BENZ:** C 180 2.1 Cdi, C 200 2.1 Cdi, C 220 2.1 Cdi, C 250 2.1 Cdi / 2.1 CDi 4-Matic, E 200 2.1 Cdi, E 220 2.1 Cdi, E 250 2.1 Cdi / 2.1 CDi 4-Matic, GLK 200 2.1 CDi, GLK 220 2.1 CDi / 2.1 CDi 4-Matic, GLK 250 2.1 CDi 4-Matic / 250 2.1 CDi, Sprinter 213 2.1 CDi / 313 2.1 CDi / 4x4 / 316 2.1 CDi / 4x4, Viano 2.0 CDi / 4x4 / 2.2 CDi / 4x4, Vito 113 2.1 CDi / 4x4 / 116 2.1 CDi / 4x4, **AUDI:** Q5 - **Aplicação /** Application: **UF-17.420**

Denso Equivalente / Replace



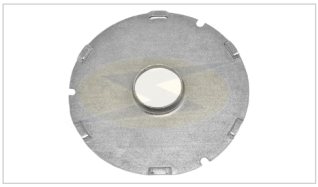
41 dentes / *teeth*

R - 0151 **Equivalente /** Replace:

Motor de Partida / Starter: BC438000-3370

Aplicação / Application: **FIAT:** Uno Vivace (2017), Argo (2017), Mobi

Ford/Motorcraft Equivalente / Replace



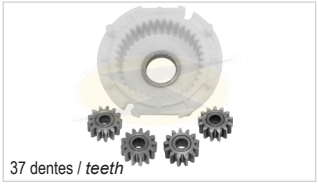
R - 0074 **Equivalente /** Replace:

Motor de Partida / Starter: 96BB 11000 AA 7.119BI

Aplicação / Application: **FORD:** Escort, Fiesta, Ka

Aplicação / Application: **UF-13.119**

Ford/Motorcraft Equivalente / Replace



37 dentes / *teeth*

R - 0092 **Equivalente /** Replace: c/ 4 engrenagens

Motor de Partida / Starter: F8TU-11.000 DD 9251-AI

Aplicação / Application: **FORD:** Ranger, Ecosport.

Aplicação / Application: **UF-13.120**

Delco Equivalente / Replace

50 dentes / *teeth*

R - 0088 **Equivalente /** Replace: 9 000 981

Motor de Partida / Starter: 9000846, 9000794

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra - Todos C/ Motor Ii (Sohc) 1.8/ 2.0 / 2.2 8v Até 03/2001

Aplicação / Application: **UF-14.150**

Delco Equivalente / Replace

48 dentes / *teeth*

R - 0091 **Equivalente /** Replace:

Motor de Partida / Starter: 9 000 786, 9 000 798, 9 000 804, 9 000 805, 9 000 806, 9 000 812, 9 000 819, 9 000 820, 9 000 827, 9 000 834, 9 000 835, 9 000 844, 9 000 850, 9 000 851, 9 000 853, 9 000 860, 9 000 861, 9 000 862, 9 000 863, 9 000 864, 9 000 866, 9 000 867, 9 000 899, 9 000 900, 9 000 910

Aplicação / Application: **CHEVROLET-GM, CLARK**

Aplicação / Application: **UF- 14.910**

Delco Equivalente / Replace

42 dentes / *teeth*

R - 0132 **Equivalente /** Replace:

Motor de Partida / Starter: 8000357, 24581746, 8000465, 361003C151, 36100 2G000, 36100 2G200, 6100 2G300, 96000

Aplicação / Application: **KIA:** Forte 2.0L / 2.4L / Koup 2.0L / Koup 2.4L / 5 2.0L, Magentis 2.4L, Optima 2.0L / 2.4L, Rondo 2.4L, Sorento 2.4L, Sportage 2.0L / 2.0 4x4 / 2.4L, Carens 2.0, **HYUNDAI:** Genisis Coupe 2.0L / Turbo, Graundeur 2.4 / 2.0D, IX35 2.0L, Santa Fé 2.4L, Sonata 2.0L / 2.4L, Tucson 2.0L / 2.4L

Aplicação / Application: **UF-14.057**

Ford/Motorcraft Equivalente / Replace

45 dentes / *teeth*

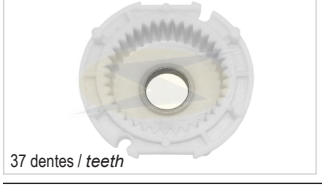
R - 0059 **Equivalente /** Replace:

Motor de Partida / Starter: 96BB 11000-AA 7.119 BI

Aplicação / Application: **FORD:** Escort, Fiesta, Ka, Mondeo

Aplicação / Application: **UF-13.119**

Ford/Motorcraft Equivalente / Replace



37 dentes / *teeth*

R - 0067 **Equivalente /** Replace:

Motor de Partida / Starter: F8TU-11.000 DD 9251-AI

Aplicação / Application: **FORD:** Ranger, Ecoesport, Bronco

Aplicação / Application: **UF-13.120, UF-13.121, UF-13.122**

Ford/Motorcraft Equivalente / Replace

45 dentes / *teeth*

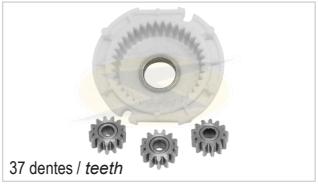
R - 0084 **Equivalente /** Replace:

Motor de Partida / Starter: 96BB 11000-AA 7.119 BI

Aplicação / Application: **FORD:** Escort, Fiesta, Ka

Aplicação / Application: **UF-13.119**

Ford/Motorcraft Equivalente / Replace



37 dentes / *teeth*

R - 0093 **Equivalente /** Replace: c/ 3 engrenagens

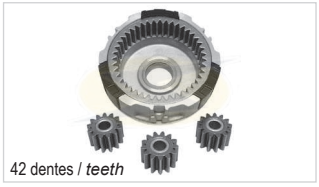
Motor de Partida / Starter: F07UAA716A, F2TUAA7C27A

Aplicação / Application: **FORD:** Ranger 4.0 Gas, Explorer 4.0, F-1000 Gas, F-4000 4.9 L

Aplicação / Application: **UF-13.121, UF-13.122**

Iskra Equivalente / Replace

R - 0146 Equivalente / Replace:


42 dentes / *teeth*

Motor de Partida / Starter: **11 130** 728 / 729 / 730 / 748 / 785 / 793 / 836 / 841 / 842 / 904 / 944 / 945 / 999, **11 131** 014 / 060 / 065 / 077 / 145 / 150 / 167 / 191 / 228 / 237 / 254 / 266 / 271 / 274 / 300 / 318 / 335 / 352 / 356 / 357 / 359 / 374 / 375 / 376 / 382 / 398 / 399 / 407 / 430 / 433 / 436 / 452 / 464 / 488 / 490 / 507 / 508 / 520 / 524 / 542 / 550 / 573 / 574 / 575 / 602 / 604 / 611 / 612 / 613 / 640 / 658 / 705 / 706 / 709 / 723 / 727 / 763 / 775 / 776 / 782 / 783 / 784 / 790 / 797 / 811 / 829 / 841 / 846 / 855 / 856 / 862 / 863 / 883 / 893 / 894 / 896 / 897 / 898 / 900 / 920 / 929 / 930 / 945 / 965 / 987, **11 132** 008 / 012 / 027 / 041 / 042 / 045 / 046 / 047 / 056 / 062 / 066 / 069 / 070 / 073 / 083 / 086 / 094 / 099 / 106 / 118 / 122 / 123 / 125 / 149 / 150 / 164 / 170 / 174 / 175 / 176 / 183 / 188 / 189 / 194 / 197 / 198 / 236 / 259 / 260 / 262 / 268 / 270 / 276 / 290 / 291 / 302 / 310 / 325 / 328 / 356 / 359 / 370, **AZF45** 07 / 08 / 09 / 10 / 11 / 21 / 13 / 14 / 15 / 20 / 27 / 28 / 35 / 38 / 41 / 42 / 45 / 53 / 54 / 59 / 62 / 69 / 70 / 71 / 75 / 72 / 73 / 77 / 82 / 88 / 91 / 92 / 93 / 94 / 96 / 97 / 98, **AZF41** 03 / 04 / 06 / 08 / 15 / 16 / 19 / 21 / 22 / 29 / 30 / 31 / 32 / 35 / 37 / 41 / 43 / 46 / 47 / 48 / 54 / 55 / 58 / 59 / 60 / 64 / 70 / 83 / 84 / 85 / 87 / 90 / 96, **AZF42** 01 / 04 / 05 / 06 / 07 / 09 / 14 / 20 / 22 / 37 / 27 / 28 / 29 / 30 / 40 / 42 / 43 / 45 / 46 / 47 / 48 / 51 / 53 / 54 / 58 / 60 / 66 / 69 / 70 / 73 / 76 / 77 / 79 / 80 / 81 / 83 / 84 / 86 / 87 / 88 / 91 / 92 / 94 / 95 / 96 / 98, **AZF43** 04 / 05 / 06 / 08 / 15 / 16 / 18 / 19 / 20 / 21 / 22 / 24 / 26 / 27 / 29 / 30 / 31 / 41 / 45 / 46 / 47 / 49 / 50 / 52 / 56 / 57 / 60 / 61 / 62 / 64 / 69 / 70 / 74

Aplicação / Application: **CHALLENGER:** Colheitadeira 652C / 660B / 670B / 672C, Pulverizador (gafanhoto) Ro-Gator RG635B / RG645B / RG655B / RG1100 / RG1300, Trator TerraGator TG845, Trator de esteiras MT665D / MT685D / MT745D / MT755D / MT755E / MT765D / MT765E / MT775E, **BOBCAT:** Mini pá carregadeira 975, **CASE:** Tratores CS / CVX / JX / JXU / Maxxum / MXU / MXM / Puma / Quantum, **JOHN DEERE:** Colheitadeiras, Retroescavadeira 210C / 210LE / 300B/D / 310C/B/D/E/G / 315C/D/CH/G / 410C/E/G / 610C / JD310 / JD350A / JD400A / JD450A/B/C, Tratores, **KOMATSU:** Retroescavadeira WB97S-5, **MAN:** Caminhões 6100 / 8100 / 8113 / 8150 / 8153 / 8163 / 8185 / 8220 / 8223 / 8224 / 9150 / 9153 / 9163 / 9185 / 9223 / 9224 / 10145 / 10150 / 10153 / 10163 / 10220 / 10223 / 10224 / 11150 / 11190 / 11220 / 11230 / 12152 / 12162 / 12163 / 12192 / 12222 / 12224 / 12232 / 12255 / 12262 / 12264 / 12272 / 12284 / 12285 / 13220 / 13230 / 14152 / 14162 / 14163 / 14192 / 14220 / 14222 / 14224 / 14232 / 14262 / 14264 / 14272 / 14282 / 15163 / 15224 / 15264 / 15284 / 17192 / 17222 / 17232 / 17272 / 18192, 18220 / 18222 / 18224 / 18232 / 18262 / 18264 / 18272 / 18284 / 20224 / 20264 / 20284 / 24192 / 24222 / 24232 / 24262 / 24272 / 25224 / 26225 / 26285 / LE160C / LE180C / LE220C / ME220B / ME250B / ME280B, Ônibus NM152 / NM182 / NM192 / NM222 / NM223 / SM152 / SM192, MAS-**SEY FERGUSON:** Tratores, **MERCEDES-BENZ:** Vario, Ônibus O520 (Cito) / O530 (Citaro), **NEW HOLLAND:** Colheitadeira HW300 / HW320 / HW340, Tratores T6 / T7 / TB / TM / TS / TV, **VALMET:** Tratores, **VALTRA:** Tratores, **ZETOR:** Tratores, **CATERPILLAR:** Máquinas Challenger diversas.

Aplicação / Application: **UF-18.832**

Mitsubish/Delco Equivalente / Replace

R - 0066 Equivalente / Replace:

43 dentes / *teeth*

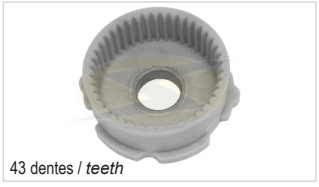
Motor de Partida / Starter: CGP 25

Aplicação / Application: **CHEVROLET-GM:** Omega/Suprema Gl S 95-98/ Cd 6cc 4.1 Mpfi; **CLARK:** Empilhadeira / Forklift, **MITSUBISHI:** Empilhadeira / Forklift, Pajero V6 Gas

Aplicação / Application: **UF-15.101, UF-14.711**

Mitsubish Equivalente / Replace

R - 0072 Equivalente / Replace:

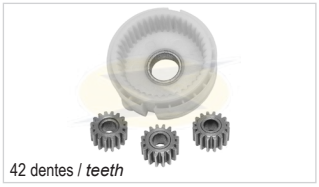

43 dentes / *teeth*

Motor de Partida / Starter: MANDO, MITSUBISHI PMGR (TIPO/*TYPE*: 4G33-4G63-4G64-6G72), 934850, 920971, 921615, 8027822, 17176, M1T79681, M1T79780, M1T79781, M2T79681, MD318086, MD320618, 91273211, 019781

Aplicação / Application: (1985 – 2000) **AMC, CHEVROLET--GM, CHRYSLER, DODGE, EAGLE, FORD, GEO, HYUN-DAI, INFINITI, JEEP, MAZDA, MERCURY, MITSUBISHI, NISSAN, PLYMOUTH, SUBARU, SUZUKI, CATERPILLAR, CLARK**

Mitsubish Equivalente / Replace

R - 0096 Equivalente / Replace: M135X01571


42 dentes / *teeth*

Motor de Partida / Starter: M0T0081, 80381, 80881, 80981, 81081

Aplicação / Application: **NISSAN, MAZDA:** Fp13-18-X56 – Mxs Miata, Protege, Mpv, **CHEVROLET-GM:** S-10 , Micro Ônibus Volare

Aplicação / Application: **UF-15.100**

Iskra Equivalente / Replace

R - 0150 Equivalente / Replace:

38 dentes / *teeth*

Motor de Partida / Starter: **11 131** 112 / 279 / 315 / 526 / 535 / 570 / 605 / 606 / 659 / 716 / 731 / 751 / 761 / 780 / 781 / 821 / 833 / 890 / 892 / 921 / 932 / 942 / 946 / 947 / 951 / 956 / 964 / 966 / 983 / 984 / 989, **11 132** 050 / 051 / 057 / 058 / 067 / 068 / 084 / 144 / 154 / 155 / 156 / 158 / 159 / 160 / 165 / 166 / 168 / 173 / 182 / 193 / 196 / 227 / 278 / 279 / 293 / 305 / 306 / 324 / 332 / 344, **AZE45** 36 / 73 / 79, **AZE41** 23 / 25 / 39 / 50 / 51 / 65 / 67 / 69 / 70 / 72 / 73 / 83 / 85 / 90 / 92 / 94 / 95 / 97 / 99, **AZE42** 01 / 02 / 04 / 07 / 08 / 13 / 14 / 15 / 21 / 22 / 23 / 24 / 26 / 27 / 28 / 34 / 39 / 40 / 41 / 43 / 44 / 45 / 47 / 48 / 50 / 52 / 54 / 55 / 56 / 61 / 65 / 66 / 68 / 69 / 70 / 72 / 73 / 76

Aplicação / Application: **ATLAS COPCP:** Gerador QAS60 / QAS80 / QAS100, **BOBCAT:** Manipulador telescópico T2256 / T2566 / T3571 / T35100 / T35120 / T40140 / T40170 / TL360 / TL470 / TR40250 / TR45190 / T50120, **CASE:** Mini pá carregadeira SR200 / SR250 / SV250 / SV300, Retroescavadeira 580 ST / 590 SN / 590 ST / 695 ST, Trator 1394 / 1494 / 1594 / 1690 / 1694 / 2094 / 2294 / 2394, Trator Farmall 55 / 65 / 75 / 85 / 95 / 105 / 110 / 115, Trator JX 60 / 70 / 80, Trator Quantum 65 / 75 / 85, **IVECO:** 50-8, 50-9, 55-8, 60-8, 60-11, 65-9, 65-12, 75-12, 75-14, 79-12, **JCB (Máquinas):** Escavadeira 817 / 818 / 820, Pá carregadeira 420 / 430, Retroescavadeira 3CX-4 / 4CX, **JOHN DEERE:** Colheitadeiras, Tratores, **LINDE:** Empilhadeira H35D, **MASSEY FERGUSON:** Trator MF6270 / MF6280 / MF6290 / MF8140 / MF8150 / MF8250 / MF8260 / MF8270 / MF8280, **NEW HOLLAND:** Trator T4020 / T4030 / T4040 / T4050,Trator de esteiras TK4020 / K4030 / TK4040 / TK4050 / TK4060, **TEREX:** Pá carregadeira TL160, Retroescavadeira TLB840 / TLB890.

Aplicação / Application: **UF-18.623**

Iskra Equivalente / Replace

R - 0156 Equivalente / Replace:

42 dentes / *teeth*

Motor de Partida / Starter: 11 131 848, 11 131 292, 11 131 697, 11 131 711, 11 132 113, AZF4181, AZF4224, AZF4186, AZF4301, AZF4576

Aplicação / Application: **JCB:** 524-50-AGRI, 526-56-AGRI, 527-55-AGRI, 531-70-AGRI, 535-95-AGRI, 536-60-AGRI, 536-70-AGRI, 541-70-AGRI, Retroescavadeira 2CX, 3CX/PLUS/CLL, 4CX, Carregadeira compacta 225T, DIESELMAX NA,TC,TCA, TC,TCA, TCA, ECOMAX TCAE, Motores JCB444, GENSETS G66 QX, LOADALL 526-56, 527-58, 531-70, 533-105, 535-125-HiViz, 535-140-HiViz, 535-95, 536-60, 540-140, 540-170, 541-70, 550-140, 550-170, 550-80, Carregadeira 540-140, Empilhadeiras 926-2WD/4WD, 930-2WD/4WD, 940-2WD/4WD, Minicarregadeira 110/HF, 190/HF, 225, 226 T, 260, 260T, 280, 300, 300 T, 320T, 325 T, 330, TELEMASTER TN 220 Agri, TM 180 Agri, TM 310 AGRI, TM 310-WM, TM 320, TM 320 S, TM 320 VM, Manipulador telescópico 535-95, 540-140, 540-200, Rolo compressor VM115PD/HD/HPD, VM137, VTM860, WASTEMASTER Manipulador telescópico 527-55-WM, 531-70-WM, 541-70-WM, WASTMASTER Minicarregadeira 110-WM, 190-WM, Tratores 411HT,WM, 411HT-SHL,WM, 412-AGRI, 412-WM, 414-WM, 414S-AGRI, 416-WM, 416HT, 416S-AGRI, MOSA GE 125 JSX, Motores SM100-125 B, SM125-175 A, SM125-175 B, SM125-175 B3

Aplicação / Application: **UF-18.446**

Iskra Equivalente / Replace

R - 0160 Equivalente / Replace:

42 dentes / *teeth*

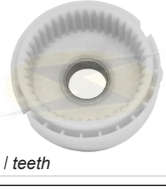
Motor de Partida / Starter: 11 131 995, 11 132 230, 11 131 849, 11 131 805, 11 131 303

Aplicação / Application: **HATZ:** 1B40 0 5, **JCB:** Motores 4.4 / 4.8

Aplicação / Application: **UF-18.944**

Mitsubish Equivalente / Replace

R - 0070 Equivalente / Replace: M135X01571


42 dentes / *teeth*

Motor de Partida / Starter: M0T0081, 80381, 80881, 80981, 81081

Aplicação / Application: **NISSAN, MAZDA:** Fp13-18-X56 – Mxs Miata, Protege, Mpv, **CHEVROLET-GM:** S-10 , Micro Ônibus Volare

Aplicação / Application: **UF-15.100**

Mitsubish Equivalente / Replace

R - 0073 Equivalente / Replace:

42 dentes / *teeth*

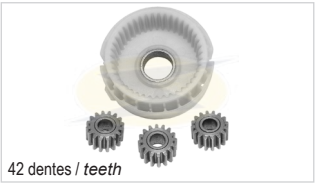
Motor de Partida / Starter:

Aplicação / Application: **RENAULT, HYSTER:** Empilhadeira / Forklift

Aplicação / Application: **UF-15.104**

Mitsubish Equivalente / Replace

R - 0098 Equivalente / Replace:



42 dentes / *teeth*

Motor de Partida / Starter:

Aplicação / Application: **RENAULT, HYSTER:** Empilhadeira / Forklift

Aplicação / Application: **UF-15.104**

Mitsubish Equivalente / Replace

R - 0099 Equivalente / Replace:

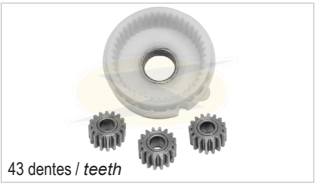
43 dentes / *teeth*

Motor de Partida / Starter: **MANDO, MITSUBISHI** PMGR (TIPO/*TYPE*: 4G33-4G63-4G64-6G72), 934850, 920971, 921615, 8027822, 17176, M1T79681, M1T79780, M1T79781, M2T79681, MD318086, MD320618, 91273211, 019781

Aplicação / Application: (1985 – 2000) **AMC, CHEVROLET, CHRYSLER, DODGE, EAGLE, FORD, GEO, HYUNDAI, INFINITI, JEEP, MAZDA, MERCURY, MITSUBISHI, NISSAN, PLYMOUTH, SUBARU, SUZUKI, CATERPILLAR, CLARK**

Mitsubish/Delco Equivalente / Replace

R - 0100 Equivalente / Replace:



43 dentes / *teeth*

Motor de Partida / Starter: CGP 25

Aplicação / Application: **CHEVROLET-GM:** Omega/Suprema Gl S 95-98/ Cd 6cc 4.1 Mpfi; **CLARK:** Empilhadeira / Forklift, **MITSUBISHI:** Empilhadeira / Forklift, Pajero V6 Gas

Aplicação / Application: **UF-14.711, UF-15.101**

Mitsubish Equivalente / Replace

R - 0101 Equivalente / Replace:

44 dentes / *teeth*

Motor de Partida / Starter: M 002 T87 771, M 002 T87 171 ZT

Aplicação / Application: **CHEVROLET:** S-10 C/ Motor Mwm 2.8 Sprint, **MITSUBISHI:** L200 Sport Hpe, **TROLLER:** T4 2.8 Td Mwm 4 Cc Sprint (2001->)

Aplicação / Application: **UF-15.103**

Mitsubish Equivalente / Replace

R - 0102 Equivalente / Replace:

44 dentes / *teeth*

Motor de Partida / Starter: M 002 T87 771, M 002 T87 171 ZT

Aplicação / Application: **CHEVROLET-GM:** S-10 C/ Motor Mwm 2.8 Sprint, **MITSUBISHI:** L200 Sport Hpe, **TROLLER:** T4 2.8 Td Mwm 4 Cc Sprint (2001->)

Aplicação / Application: **UF-15.103**

Mitsubish Equivalente / Replace

R - 0103 Equivalente / Replace:

Motor de Partida / Starter: M001T79781 12V, M002T87771, M002T87171 ZT

Aplicação / Application: **RENAULT, CHEVROLET - GM:** S-10 C/Motor Mwm 2.8 Sprint, **CLARK:** Empilhadeira / Forklift, **HYSTER:** Empilhadeira / Forklift, **MITSUBISHI:** Empilhadeira / Forklift, L200 Sport Hpe, Pajero V6 Gas

Aplicação / Application: **Reparo (Amortecedor) Das Planetárias - UF-15.101, UF-15.103, UF-15.104**

Mitsubish Equivalente / Replace

R - 0137 Equivalente / Replace:

44 dentes / *teeth*

Motor de Partida / Starter: M8T62671

Aplicação / Application: **MAN:** SERIES: 7 / 8 / 10 / 12 / 13 / 15 / 18 / 26, **VOLKSWAGEN:** Constellation 17.280, 24.280

Aplicação / Application: **UF-15.108**

Mitsubish Equivalente / Replace

R - 0142 Equivalente / Replace:

44 dentes / *teeth*

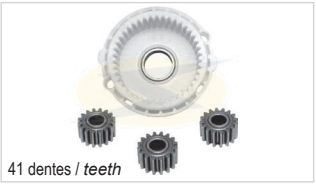
Motor de Partida / Starter: M8T62671

Aplicação / Application: **MAN:** SERIES: 7 / 8 / 10 / 12 / 13 / 15 / 18 / 26, **VOLKSWAGEN:** Constellation 17.280, 24.280

Aplicação / Application: **UF-15.108**

Mitsubish Equivalente / Replace

R - 0154 Equivalente / Replace:



41 dentes / *teeth*

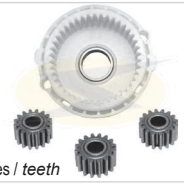
Motor de Partida / Starter: **MITSUBISHI:** M000T1627ZC, **FORD:** 9E5T-11000-AC,

Aplicação / Application: **FORD:** Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010)

Aplicação / Application: **UF-15.102**

Mitsubish Equivalente / Replace

R - 0155 Equivalente / Replace:



42 dentes / *teeth*

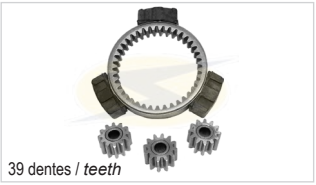
Motor de Partida / Starter: M000TD1371ZE

Aplicação / Application: **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa

Aplicação / Application: **UF-15.109**

Prestolite Equivalente / Replace

R - 0082 Equivalente / Replace: 1 126 600 975



39 dentes / *teeth*

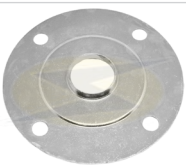
Motor de Partida / Starter: 352 58 580, 352 58 940, 352 58 950, 352 58 490, 352 58 540, 352 58 660, 352 58 690, 352 58 710, 352 58 820, 352 58 880, 352 58 960, 352 58 040

Aplicação / Application: **AGRALE:** Ônibus Volare, **CHEVROLET-GM:** Blazer Dlx, Pick-Up S10 C/ Motormaxion Hs, Pick-Up D20, Silverado, C/ Motor Mwm, **CUMMINS:** Motores Séries 6bt (Dianteiro) / B6 /Bt5.9l, **FORD:** Cargo 1416 / 1722 / 1716, F-14000 C/ Mwm, F-1000, Ranger, **JOHN DEERE:** Tratores, **MASSEY-FERGUSON:** Trator C/ Motor 4 Cil, **MAXION:** Motores, **MERCEDES-BENZ:** 180d- Kombi Espanhola, Ônibus, Caminhões, Mb 180 D, Ônibus, Sprinter C/ Motor Maxion Hs, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **PEUGEOT:** 504, 505, Vários C/ Motor Indenor, **VOLKSWAGEN:** Caminhão 15-160

Aplicação / Application: **UF- 12.147, UF- 12.149, UF- 12.212, UF- 12.219, UF- 12.221, UF- 12.222, UF- 12.343**

Prestolite Equivalente / Replace

R - 0095 Equivalente / Replace:



Motor de Partida / Starter: 352 58 580, 352 58 940, 352 58 950, 352 58 490, 352 58 540, 352 58 660, 352 58 690, 352 58 710, 352 58 820, 352 58 880, 352 58 960, 352 58 040

Aplicação / Application: **AGRALE:** Ônibus Volare, **CHEVROLET-GM:** Blazer Dlx, Pick-Up S10 C/ Motormaxion Hs, Pick-Up D20, Silverado, C/ Motor Mwm, **CUMMINS:** Motores Séries 6bt (Dianteiro) / B6 /Bt5.9l, **FORD:** Cargo 1416 / 1722 / 1716, F-14000 C/ Mwm, F-1000, Ranger, **JOHN DEERE:** Tratores, **MASSEY-FERGUSON:** Trator C/ Motor 4 Cil, **MAXION:** Motores, **MERCEDES-BENZ:** 180d- Kombi Espanhola, Ônibus, Caminhões, Mb 180 D, Ônibus, Sprinter C/ Motor Maxion Hs, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **PEUGEOT:** 504, 505, Vários C/ Motor Indenor, **VOLKSWAGEN:** Caminhão 15-160

Aplicação / Application: **UF- 12.147, UF- 12.149, UF- 12.212, UF- 12.219, UF- 12.221, UF- 12.222, UF- 12.343, UF- 12.412, UF- 12.419, UF- 12.421, UF- 12.422, UF- 12.443, UF- 12.447, UF- 12.449**

Prestolite Equivalente / Replace

R - 0104

Equivalente / Replace: K01189 / K01256

48 dentes / *teeth*

Motor de Partida / Starter: **35259** 200 / 240 / 260 / 290 / 340 / 360 / 440 / 450 / 460 / 500 / 520 / 550 / 730 / 770 / 780 / 810 / 820 / 830 / 840, **35260** 830 / 840 / 870 / 900 / 910, **35261** 000 / 050 / 130 / 135 / 160 / 185 / 345 / 385 / 395 / 445 / 680 / 690 / 740 / 770 / 780 / 900, **35262** 010 / 020 / 130 / 190

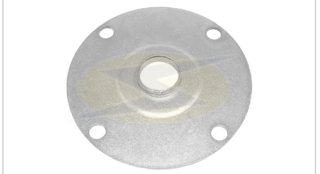
Aplicação / Application: **AGRALE:** Marruá Mwm Sprint 4.07, **CATERPILLAR:** Blue Bird Usa Cat 3126 7.2 /7.2 (Ocp), **CUMMINS:** Isb02 5.8c 8.3b/Elet., 5.9 C, 6ct 8.3c, 6cta 8.3c, **CNH (CASE, NEW HOLLAND):** Línea Tm Exitus: Tm135, Tm150, Tm150, Tm165, Tm180, Ts100, Ts110, Ts120, Genesis Powerstar, **DEUTZ:** Ônibus Deutz 1013 L6, **DIMEX:** Caminhão Cummins C, **DON ROQUE:** Colheitadeira / Combine Rv125, Rv150h Cummins C8.3/Elect, **JOHN DEERE:** 7820 6081h 6 Cil. Colheitadeira / Combine 1550, 6081h 6 Cil. 8.12, Trator 6 Cil. - 5410 4045d 4 Cil.4.5 - 5600 4039d 4 Cil. 3.9 - 5700 4039t 4 Cil. 3.9 - 6300 4039t 4 Cil. 3.9 - 6600 6059t 6 Cil. 5.9 - 5320n, 3029t 3 Cil. 2.9 - 5520n 4045t 4 Cil. 4.5, Bulldozer 570/ 570 A 6 Cil. - Trator 627/ 727 6 Cil. - Trator 1420/ 2330/ 2420/ 2530/ 2730 Todos 3 E 4 Cil. - Trator 2850 6.359/ 3140 6.359/ 3350 6.359/ 3540 6.359/ 3550 6.359 4.239 D. - Trator 3420/ 3530/ 4420/4530/ 6005/ 7505 Todos 6 Cil., **FORD:** Cummins B 5.9, Cargo 2422 /2425 /2630 Cummins 6ctaa 8.3, Cargo 2425 Mixer Cummins 6ctaa 8.3, Caminhão F650 Cat3126 7.2 (Ocp), **FREIGHTLINER:** Navistar V8 7.3, **GRANDALL:** Trator 4045 John Deere 4cil. 4.5, **INTERNACIONAL ENGINES:** Caminhão Navistar Dt446 - I6 7.6, Dt444e, V8 7.3, Dt-360 5.9, 6.0, Ngv - V8 6.0, **VALTRA:** Trator Bh140 /Bh160 /Bh180 Sisu 6cil., Trator Bl77 Sisu 3cil., Trator Bl88 /Bm100 /Bm110 /Bm120 Sisu 4cil., Trator Liviano 685c /785c Mwm 3cil, Trator Pesado 1280 /1580 /1780 Mwm 6cil., **MBB:** O371 6cil., Of215 6cil., Ônibus 1214 /1414 /1418 /1614 Caixa Automática, **PAUNI:** Minibus Cummins 4bt 3.9, **MWN:** 4 E 6cil., Mwm Series X10 E 229 Series, **VM ÔNIBUS:** Mwm 4 E 6cil., Minibus Cummins 6b Eletrônico 5.9, **VW CAMINHÕES:** Caminhão Pesado 17.220 /26.220 /26.260 Cummins 6ctaa 8.3, Caminhão 23.220 Cummins, 6ctaa 8, Titan 17.310 /18.310 /23.310 /26.310 Todos Cummins 6ctaa 8.3, **VOLVO:** Línea Vm: Vm17 /Vm23 Mwm Series X10 E 229 Series, **ZANELLO:** Trator 160 /180, Ptrac Cummins B 5.9

Aplicação / Application: **UF-12.100, UF-12.101**

Prestolite Equivalente / Replace

R - 0111

Equivalente / Replace:



Motor de Partida / Starter: **35259** 200 / 240 / 260 / 290 / 340 / 360 / 440 / 450 / 460 / 500 / 520 / 550 / 730 / 770 / 780 / 810 / 820 / 830 / 840, **35260** 830 / 840 / 870 / 900 / 910, **35261** 000 / 050 / 130 / 135 / 160 / 185 / 345 / 385 / 395 / 445 / 680 / 690 / 740 / 770 / 780 / 900, **35262** 010 / 020 / 130 / 190

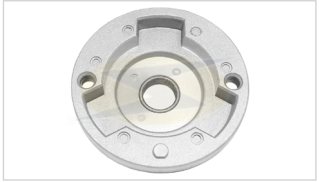
Aplicação / Application: **AGRALE:** Marruá Mwm Sprint 4.07, **CATERPILLAR:** Blue Bird Usa Cat 3126 7.2 /7.2 (Ocp), **CUMMINS:** Isb02 5.8c 8.3b/Elet., 5.9 C, 6ct 8.3c, 6cta 8.3c, **CNH (CASE, NEW HOLLAND):** Línea Tm Exitus: Tm135, Tm150, Tm165, Tm180, Ts100, Ts110, Ts120, Genesis Powerstar, **DEUTZ:** Ônibus Deutz 1013 L6, **DIMEX:** Caminhão Cummins C, **DON ROQUE:** Colheitadeira / Combine Rv125, Rv150h Cummins C8.3/Elect, **JOHN DEERE:** 7820 6081h 6 Cil. Colheitadeira / Combine 1550, 6081h 6 Cil. 8.12, Trator 6 Cil. - 5410 4045d 4 Cil.4.5 - 5600 4039d 4 Cil. 3.9 - 5700 4039t 4 Cil. 3.9 - 6300 4039t 4 Cil. 3.9 - 6600 6059t 6 Cil. 5.9 - 5320n, 3029t 3 Cil. 2.9 - 5520n 4045t 4 Cil. 4.5, Bulldozer 570/ 570 A 6 Cil. - Trator 627/ 727 6 Cil. - Trator 1420/ 2330/ 2420/ 2530/ 2730 Todos 3 E 4 Cil. - Trator 2850 6.359/ 3140 6.359/ 3350 6.359/ 3540 6.359/ 3550 6.359 4.239 D. - Trator 3420/ 3530/ 4420/4530/ 6005/ 7505 Todos 6 Cil., **FORD:** Cummins B 5.9, Cargo 2422 /2425 /2630 Cummins 6ctaa 8.3, Cargo 2425 Mixer Cummins 6ctaa 8.3, Caminhão F650 Cat3126 7.2 (Ocp), **FREIGHTLINER:** Navistar V8 7.3, **GRANDALL:** Trator 4045 John Deere 4cil. 4.5, **INTERNACIONAL ENGINES:** Caminhão Navistar Dt446 - I6 7.6, Dt444e - V8 7.3, Dt-360 5.9, 6.0, Ngv - V8 6.0, **VALTRA:** Trator Bh140 /Bh160 /Bh180 Sisu 6cil., Trator Bl77 Sisu 3cil., Trator Bl88 /Bm100 /Bm110 /Bm120 Sisu 4cil., Trator Liviano 685c /785c Mwm 3cil, Trator Pesado 1280 /1580 /1780 Mwm 6cil., **MBB:** O371 6cil., Of215 6cil., Ônibus 1214 /1414 /1418 /1614 Caixa Automática, **PAUNI:** Minibus Cummins 4bt 3.9, **MWN:** 4 E 6cil., Mwm Series X10 E 229 Series, **VM ÔNIBUS:** Mwm 4 E 6cil., Minibus Cummins 6b Eletrônico 5.9, **VW CAMINHÕES:** Caminhão Pesado 17.220 /26.220 /26.260 Cummins 6ctaa 8.3, Caminhão 23.220 Cummins, 6ctaa 8, Titan 17.310 /18.310 /23.310 /26.310 Todos Cummins 6ctaa 8.3, **VOLVO:** Línea Vm: Vm17 /Vm23 Mwm Series X10 E 229 Series, **ZANELLO:** Trator 160 /180, Ptrac Cummins B 5.9

Aplicação / Application: **UF-12.100, UF-12.101**

Prestolite Equivalente / Replace

R - 0134

Equivalente / Replace: 352 59 959, K01212, 352 58 853, K21149, KJD08, KJD09, 352 59 859, K01219, 352 59 915, K01343, 352 59 952, K01221, K01284, 352 58 669, K21147, 1 126 600 975



Motor de Partida / Starter: 352 59 380, 352 59 680, 352 58 880, 352 58 940, 352 58 950, 352 58 990, 352 59 000, 352 59 130, 352 59 210, 352 59 620, 352 59 630, 352 59 650, 352 59 670, 352 59 690, 352 59 660, 352 59 480, 352 59 640, 352 59 870, 352 59 310, 352 59 710, 352 59 720, 352 61 020, 352 61 175, 352 58 580, 352 58 540, 352 58 660, 352 58 690, 352 58 710, 352 58 960, 352 59 040, 352 59 050, 352 60 828, 352 58 820, 352 58 040, 352 59 465, 352 59 915, 352 59 952

Aplicação / Application: **MERCEDES-BENZ:** Ônibus 6CC, **CUMMINS:** Motores Cummins série B / 4BT/ 6BT / 6BTAA, 180D-Kombi Espanhola, Ônibus, caminhões, MB 180D, Sprinter motor Maxion HS, Motores séries 6BT (Dianteiro) / B6 / BT5.9L, **DIMEX:** Ônibus, **FORD:** Caminhões, Pick-Up F-100, Cargo 1416, Cargo 1722, Cargo 1716, F-1000, F-14000 c/ MWM, Ranger, Caminhões Motores Cummins, Power Stroke, **VOLKSWAGEN:** G. IZQ. VW Sudáfrica, Caminhões motores Cummins, Caminhão 15-160, **AGCO:** Trator 6 cil., **PEUGEOT:** Motor Indenor 504, Motor Indenor 505, vários c/ motor Indenor, **AGRALE:** Ônibus Volare, **CHEVROLET:** Blazer DLX ; Pick-Up S-10 c/motor maxion HS, Pick-Up D-20 ; Silverado c/ motor MWM, **JOHN DEERE:** Tratores, **MASSEY-FERGUSON:** Trator c/ motor 4 cil., **MAXION:** Motores, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **SHELHURST, INDENOR:** Motores Idenor 6.305, Indenor 6.354

Aplicação / Application: **UF-12.147, UF-12.149, UF-12.212, UF-12.219, UF-12.221, UF-12.222, UF-12.343, UF-12.412, UF-12.419, UF-12.421, UF-12.422, UF-12.443, UF-12.447, UF-12.449**

Prestolite Equivalente / Replace

R - 0135

Equivalente / Replace: K01497

Motor de Partida / Starter: 35259200, 35259260, 35259290, 35259340, 35259360, 35259440, 35259450, 35259460, 35259520, 35259550, 35259730, 35259770, 35259780, 35259810, 35259830, 35259840, 35260830, 35260840, 35260870, 35261000, 35261050, 35261130, 35261160, 35261185, 35261900, 35262010, 35261345, 35259500, 35259820, 35260900, 35260910, 35261385, 35261680, 35261690

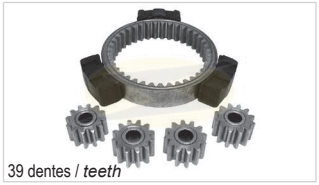
Aplicação / Application: **AGRALE:** Marruá Mwm Sprint 4.07, **CATERPPILAR:** Blue Bird Usa Cat 3126 7.2 - Blue Bird Usa Cat 3126 7.2 (Ocp), **CUMMINS:** Cummins Isb02 5.8 - Cummins C 8.3 Cummins B, **JOHN DEERE:** 7820 6081h 6 Cil. Ceifeira 1550 6081h 6 Cil. 8.12 - Trator 6 Cil. **FORD:** Cummins B 5.9, Cargo 2422/ 2425/ 2630 Cummins 6ctaa 8.3 - Cargo 2425 Mixer Cummins 6ctaa 8.3, **FREIGHTLINER:** Navistar V8 7.3, **GRADALL:** Trator 4045 John Deere 4 Cil. 4.5, Internacional **ENGINES:** Caminhão Navistar Dt446 - I6 7.6 - Dt444e - V8 7.3 - Dt-360 5.9, **VALTRA:** Trator Bh140/ Bh160/ Bh180 Sisu 6cil. - Trator Bl77 Sisu 3cil. - Trator Bi88 Sisu 4 Cil. - Trator Bm100/ Bm120 Sisu 4cil. - Trator Liviano 685c /785c Mwm 3 Cil. - Trator Pesado 1280/ 1580 Mwm 6 Cil. - Trator Pesado 1780 Mwm 6, **MERCEDES-BENZ:** O371 6 Cil. - Of215 6 Cil. - Ônibus 1214/ 1414/ 1418/ 1614 Caixa Automática, **PAUNI:** Minibus Cummins 4bt 3.9, **MWM:** 4 E 6 Cil. - Mwm Series X10 E 229 Series, **VW ÔNIBUS:** Ônibus Mwm 4 E 6 Cil., **VOLVO:** LÍNEA VM: Vm17 Mwm Series X10 E 229 Series - LÍNEA VM: Vm23 Mwm Series X10 E 229 Series

Aplicação / Application: **UF-12.100, UF-12,101**

Prestolite Equivalente / Replace

R - 0147

Equivalente / Replace: **M93R - Reforçada com 4 engrenagens (projeto exclussivo UNIFAP)** Reinforced with 4 gears (Project developed by UNIFAP)


39 dentes / *teeth*

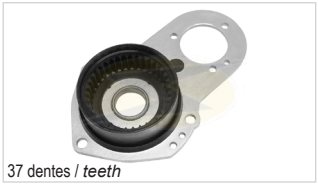
Motor de Partida / Starter: 352 59 380, 352 59 680, 352 58 880, 352 58 940, 352 58 950, 352 58 990, 352 59 000, 352 59 130, 352 59 210, 352 59 620, 352 59 630, 352 59 650, 352 59 670, 352 59 690, 352 59 660, 352 59 480, 352 59 640, 352 59 870, 352 59 310, 352 59 710, 352 59 720, 352 61 020, 352 61 175, 352 58 580, 352 58 540, 352 58 660, 352 58 690, 352 58 710, 352 58 960, 352 59 040, 352 59 050, 352 60 828, 352 58 820, 352 58 040, 352 59 465, 352 59 915, 352 59 952.

Aplicação / Application: **MERCEDES-BENZ:** Ônibus 6CC, **CUMMINS:** Motores Cummins série B / 4BT/ 6BT / 6BTAA, 180D-Kombi Espanhola, Ônibus, caminhões, MB 180D, Sprinter motor Maxion HS, Motores séries 6BT (Dianteiro) / B6 / BT5.9L, **DIMEX:** Ônibus, **FORD:** Caminhões, Pick-Up F-100, Cargo 1416, Cargo 1722, Cargo 1716, F-1000, F-14000 c/ MWM, Ranger, Caminhões Motores Cummins, Power Stroke, **VOLKSWAGEN:** G. IZQ. VW Sudáfrica, Caminhões motores Cummins, Caminhão 15-160, **AGCO:** Trator 6 cil., **PEUGEOT:** Motor Indenor 504, Motor Indenor 505, vários c/ motor Indenor, **AGRALE:** Ônibus Volare, **CHEVROLET-GM:** Blazer DLX ; Pick-Up S-10 c/motor maxion HS, Pick-Up D-20 ; Silverado c/ motor MWM, **JOHN DEERE:** Tratores, **MASSEY-FERGUSON:** Trator c/ motor 4 cil., **MAXION:** Motores, **PERKINS:** Motores 4.203 / 3.152 / 4.236 / 6.354, **SHELHURST, INDENOR:** Motores Idenor 6.305, Indenor 6.354

Aplicação / Application: **UF-12.412, UF-12.419, UF-12.421, UF-12.422, UF-12.443, UF-12.447, UF-12.449**

Valeo Equivalente / Replace

R - 0068 Equivalente / Replace:



37 dentes / *teeth*

Motor de Partida / Starter: D6RA85, D6RA185, **VALEO:** 438089, 438145, 455958, 455975, 458163, D6RA84, D6RA87, D6RA187, D6RA188, 432623, 432636, 432633, 432631

Aplicação / Application: **CHEVROLET-GM, SATURN, FIAT:** 600 (Seicento) 0.9i, Brava 1.6i 16V, Bravo 1.6i 16V, Doblò 1.6i 16V, Marea 1.6i 16V, Palio 1.6i 16V, Palio Weekend 1.6i 16V, Siena 1.6i 16V, Stilo 1.6i 16V, **CITROEN:** Saxo 1.0 /1.4, Xantia 1.6 / 1.8I / 2.0I / 16V, Xsara 1.8 / 2.0 / 16 V, **PEUGEOT:** 106 1.0, 306 2.0, 405 - 1.6 / 1.8 / 1.9 / 2.0, 406, **RENAULT:** Trafic

Aplicação / Application: **UF-16.102**

Valeo Equivalente / Replace

R - 0069 Equivalente / Replace:

59 dentes / *teeth*

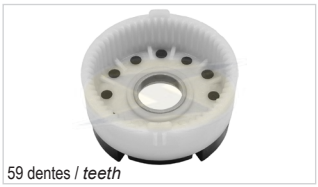
Motor de Partida / Starter: D6RA65, D6RA165, 432622, 438129

Aplicação / Application: **PEUGEOT, CITROEN, SATURN, CHEVROLET - GM:** Corsa, **RENAULT:** Clio 1.8, Kangoo, Laguna 1.8, Megane 2.0, Scenic 2.0

Aplicação / Application: **UF-16.103**

Valeo Equivalente / Replace

R - 0113 Equivalente / Replace:



59 dentes / *teeth*

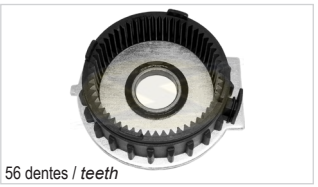
Motor de Partida / Starter: D7G11

Aplicação / Application: **RENAULT:** Master 2.5 / 2.8 2006 diesel eletrônico

Aplicação / Application: **UF-16.106**

Valeo Equivalente / Replace

R - 0114 Equivalente / Replace:



56 dentes / *teeth*

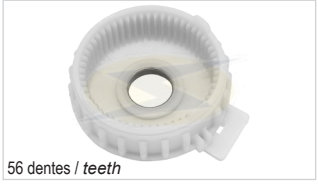
Motor de Partida / Starter: DSL 36100, TM00A31201, TM000A36101, 36100-42350

Aplicação / Application: **HYUNDAI:** HR, Accent 1.5 crdi, KIA: Bongo, Cee'd 1.5, Sorento 2.5 turbo diesel, K2700, **MERCEDES-BENZ:** Sprinter

Aplicação / Application: **UF-16.101**

Valeo Equivalente / Replace

R - 0115 Equivalente / Replace:



56 dentes / *teeth*

Motor de Partida / Starter: **VALEO:** TS12ER15, TS12ER 15M, TS22ER12, TS22ER13, **VW:** 2H0911023C, 2H0911023G, 2H0911023A , 2H0911023F, 2H0911023AX

Aplicação / Application: **VOLKSWAGEN:** Amarok 2.0 tdi 122 cv / 2.0 bi turbo / tdi 180 cv

Aplicação / Application: **UF-16.107**

Haste de Partida KB | *Engagement Rod KB*

Bosch Equivalente / Replace

UF - 7.701 **Especificações /** Features: **Comprimento /** Lenght**: 323 mm**

Equivalente: 2 003 050 056

Partida / Starter: KB, 0 001 410 016, 0 001 410 019, 0 001 410 021, 0 001 410 041, 0 001 410 046, 0 001 410 050

Aplicação / Application: **CASE, CATERPILLAR, KOMATSU, MERCEDES-BENZ, SCANIA, VOLVO, FIAT-ALLIS:** Caminhões, **IVECO:** Caminhões, **VOLSWAGEN:** Caminhões

Mancal Intermediário KB | *Drive Shaft Frame KB*

Bosch Equivalente / Replace

UF - 8.801 **Especificações /** Features:

Equivalente: 2 005 825 077

Partida / Starter: KB

Aplicação / Application: **CASE, CATERPILLAR, KOMATSU, MERCEDES-BENZ, SCANIA, VOLVO, FIAT-ALLIS:** Caminhões, **IVECO:** Caminhões, **VOLSWAGEN:** Caminhões

MANCAL INTERMEDIÁRIO KB

Bosch **Equivalente /** Replace

UF - 8.802

Especificações / Features: **Tipo/** Type: **KB**

Equivalente: 2 000 580 121

Partida / Starter: KB TODAS / *ALL,* 9 000 084 008, 9 000 084 009, 9 000 084 010, 9 000 084 011, 9 000 084 012, 9 000 084 013, 9 000 084 014, 9 000 084 015, 9 000 084 016, 9 000 084 017, 9 000 084 018, 9 000 084 019, 9 000 084 020, 9 000 084 021, 9 000 084 022, 9 000 084 023, 9 000 084 024, 9 000 084 025, 9 000 084 026, 0 001 417 042, 0 001 410 016, 0 001 410 017, 0 001 410 019, 0 001 410 021, 0 001 410 022, 0 001 410 024, 0 001 410 029, 0 001 410 035, 0 001 410 037, 0 001 410 041, 0 001 410 044, 0 001 410 046, 0 001 410 049, 0 001 410 050, 0 001 410 052, 0 001 410 058, 0 001 410 061, 0 001 410 062, 0 001 410 063, 0 001 410 067, 0 001 410 068, 0 001 410 069, 0 001 410 073, 0 001 410 075, 0 001 410 077, 0 001 410 078, 0 001 410 086, 0 001 410 087, 0 001 410 088, 0 001 410 089, 0 001 410 090, 0 001 410 091

Aplicação / Application: **CASE, CATERPILLAR, FIAT-ALLIS, IVECO, KOMATSU, MERCEDES-BENZ, SCANIA, VOLVO, VOLKSWAGEN**

Mancal do Coletor e Arruelas EF | *Brackets C.E. and Washer EF*

Bosch **Equivalente /** Replace

UF - 8.803

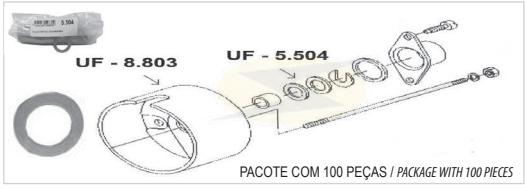
Especificações / Features: **Tipo/** Type: **EF - 12V - 0,70 Kw / 0,80 Kw**

Equivalente: 2 005 852 008

Partida / Starter: 0 001 211 209, 0 001 211 210, 0 001 211 218, 0 001 211 219, 9 000 082 021, 9 000 082 025, 9 000 082 028, 9 000 082 030, 9 000 082 045, 9 000 082 051, 9 000 082 082

Aplicação / Application: **AGRALE-DEUTZ:** 4100, M70 / 80 / 85 / 90 / 93ID, TX1100, **CHEVROLET-GM:** Chevette, Hatch, Chevy 500, Marajo, **FIAT:** Premio / Rally / Spazio, Duna 60 / 70 / Weekend, Uno 1.1 / Mille / Elx / Ep, 147 Fiorino 1.5, Elba 1.5, Prêmio 1.5, Uno 1.5 / 1.6, 147 / 147 City / Europa / Fiorino / Gls / Oggi / Panorama / Pick-Up / Elba 1.5, Prêmio 1.5, Tempra 2.0 Mpi / Spi 16v / 8v, Tempra 2.0 Turbo, Tipo 1.6 I.E., Uno 1.6 Mpi, **FORD:** Bellina 1.8, Del Rey 1.8, Pampa 1.8, Royale 1.8 / 2.0, Versailles 1.8 / 2.0, **GURGEL:** Br 800, Tocantins L, Tr, **VOLKSWAGEN:** Sedan, Supermini, Karmann Ghia 1600, Sp, 600 / 1700, Variant Ii 1600, Brasília 1.3/1.6, Fusca 1300 / 1500 / 1600, 302, 307, 309, Gol 1.8, Kombi 1.6, Gol 1.0, Gol Ii 1.0i, Ii / Iii / 1.6, Saveiro 1.6, Voyage 1.6, Saveiro 1.6, Voyage 1.5 / 1.6, Quantum 2.0i, Santana 2.0i, **YANMAR:** Bt22 / 23microtratores Ct 11 / Tc 11 Super, **LADA:** Niva 1.5 / 1.6, **MOTORES TIETE:** 950 / 950 L

Bosch **Equivalente /** Replace



PACOTE COM 100 PEÇAS / *PACKAGE WITH 100 PIECES*

UF - 5.504

MANCAL DO COLETOR EF

Buchas do Alternador | *Bushing for Alternators*

Bosch **Equivalente /** Replace

UF - 5.506

Especificações / Features: PARA ROLAMENTO / *BEARING* Nº 6201

Equivalente: 1 120 591 060, **MERCEDES-BENZ:** 000 154 01 57, **RENAULT:** 5001831958

Alternador / Alternator:

Aplicação / Application: **CASE, IVECO, VOLVO, SCANIA, MERCEDES-BENZ, FORD, CARGO**

Bosch **Equivalente /** Replace

UF - 5.507

Especificações / Features: PARA ROLAMENTO / *BEARING* Nº 6201

Equivalente: 1 120 591 082

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM, VALMET, FORD, VOLKSWAGEN**

Bosch **Equivalente /** Replace

UF - 5.508

Especificações / Features: PARA ROLAMENTO / *BEARING* Nº 6203

Equivalente: 1 120 591 103

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM, VOLKSWAGEN**

Bosch Equivalente / Replace — UF - 4.401

Tipo / Type: **MPB e MPJ**

Equivalente / Replace: 214013, 9 001 453 549

Partida / Starter: 9 000 083 043, 9 000 083 065, 9 000 083 066, 9 000 083 068, 9 000 453 016, 9 000 453 020, 9 000 453 033, 9 000 453 034, 9 000 453 038, 9 000 453 041, 9 000 453 044, 9 000 453 045, 9 000 453 046, 9 000 453 047, 9 000 453 048, 9 000 453 049, 9 000 453 050, 9 000 453 051, 9 000 453 052, 9 000 453 053, 9 000 453 054, 9 000 453 060, 9 000 453 061, 9 000 453 004, 9 000 453 006, 9 000 453 009, 9 000 453 012, 9 000 453 013, 9 000 453 014, 9 000 453 017, 9 000 453 019, 9 000 453 027, 9 000 453 042, 9 000 453 043, 9 000 453 062

Aplicação / Application: **AGRALE-DEUTZ, CASE:** Pá carregadeira W7, Retorescavadeira 580 CK / 580 E (c/ motor Perkins 4 cil.), **CBT:** Trator 1090 / Trator 1100, **CHEVROLET-GM:** A60, A70, A80, A90, **CHRYSLER, CLARK:** Empilhadeira C300 HY40 / HY50 / HY60, Trator Michigan 75A, Trator Michigan II / III, **EATON:** Empilhadeira D83C / D83P / D87P, Pá carregadeira 250A / 1900, **FIAT-ALLIS:** Retroescavadeira FB80.2 Genesis 5.0, **FORD:** Cargo 1113 D299-6 / 1313 D229-6, F2000 D229-4, F4000 D226-4 / FTO 4.4 / TC 4.4, F7000 D229-6, F11000 (c/ motor Perkins 6 cil.) / D229-6, F12000 (c/ motor Perkins 6 cil.) / D229-6, F13000 (c/ motor Perkins 6 cil.) / D229-6 / TD229-6, F19000 D229-6, F21000 D229-6, F22000 D229-6 / TD229-6, Trator 4610 / 6610 / 6610 TR4 / 7610, **HYSTER:** Empilhadeira 4203 (c/ motor Perkins 4 cil.) / 4236 (c/ motor Perkins 4 cil.), **MASSEY-FERGUSON:** Trator 95I (c/ motor Perkins 6 cil.) / 95X (c/ motor Perkins 6 cil.) / MF295/4 / MF296 / MF296/4, Trator de esteiras MF400 / MF3366, **NEW HOLLAND:** Trator 4630 OHV 3201 / 5030 Genesis / 5630 Genesis / 6630 Genesis / 7630 Genesis / 7810 Genesis / 7830 Genesis / 8030 Genesis, **VOLKSWAGEN:** 690, 690 S, 790 S, 7110 S, 7110 S, 11130, 11140, 12140 H, 13130, 14140, 22140

Bosch Equivalente / Replace — UF - 4.403

Tipo / Type: **EF e DM**

Equivalente / Replace: 9 001 082 207

Partida / Starter: 0 001 211 219, 9 000 082 028, 9 000 082 033, 9 000 082 042, 9 000 082 046, 9 000 082 049, 9 000 082 053, 9 000 082 054, 9 000 082 059, 9 000 082 061, 9 000 082 064, 9 000 082 066, 9 000 082 069, 9 000 082 070, 9 000 082 073, 9 000 082 074, 9 000 082 078, 9 000 082 079, 9 000 082 082, 9 000 082 083, F 000 AL0 301, F 000 AL0 306, 9 000 082 021, 9 000 082 036, 9 000 082 039, 9 000 082 040, 9 000 082 041, 9 000 082 043, 9 000 082 045, 9 000 082 047, 9 000 082 048, 9 000 082 050, 9 000 082 051, 9 000 082 052, 9 000 082 055, 9 000 082 058, 9 000 082 062, 9 000 082 063, 9 000 082 065, 9 000 082 067, 9 000 082 071, 9 000 082 072, 9 000 082 075, 9 000 082 076, 9 000 082 077, 9 000 082 080, 9 000 082 081, 9 000 082 084, 9 000 082 085

Aplicação / Application: **AGRALE:** 1100 TX, 8500 TDX, Motor M70 / M80 / M85 / M90 / M93 ID / M790, **CHEVROLET-GM:** Chevette 1.0 / 1.4 / 1.6 / 1.6S / Hatch 1.4 / Hatch 1.6, Chevy 500 1.6 / 1.6 S, Marajó 1.4 / 1.6 / 1.6 S, **FIAT:** 80, 120, 140, 147 / City / Europa / 1050 / 1300 / Fiorino / GLS / Oggi / Panorama / Pick-up / Rally / Spazio / Spazio Racing / Spazio TR, Duna 60 / 60 Weekend / 70 / 70 Weekend, Elba 1.3 / 1.5 / 1.6, Fiorino 1.5 / 1.6 / furgão 1.0 / furgão 1.3 SPI / 1.5 SPI / pick-up 1.0 / pick-up 1.3 / pick-up 1.5, Oggi 1300, Panorama 1300, Prêmio 1.5 / 1.5 SPI / 1.6, Spazio 1.3, Tempra 2.0 MPI 16V / SPI 8V, Uno 1.0 / 1.1 / 1.1 Brio / 1.5 / 1.6 / 1.6 MPI / 1050 / 1300, Uno Mille / 1.0 / 1.5 SPI / Eletronic / ELX / EP, **FORD:** Belina II 1.6 / 1.8 UD / 1.8 EU, Corcel II 1.6, Del Rey 1.6 / 1.8 / 1.8 UD / 1.8 UE, Escort 1.3 / 1.6 / 1.8 / Ghia / Guarujá AP 1.8 / XR3, Pampa 1.6 / 1.6 4x4 / 1.6 AP / 1.8 / 1.8i, Royale 1.8 / 1.8i AP / 2.0 / 2.0i AP, Verona 1.8 / 1.8 AP, Versailles 1.8 / 1.8i AP / 2.0 / 2.0i AP, **GURGEL:** BR800, Carajás 1.8, Supermini, Tocantins 1.6 L / 1.6 TR, **LADA, TIETÊ:** Motor RD900 / RD900L / RD950 / RD950L, **VOLKSWAGEN:** Apollo 1.8 / 1.8 GL / 1.8 GLS AP, Brasília 1.3 / 1.6, Fox 302 / 307 / 309, Fusca 1.6 / 1300 / 1500 / 1600, Gol 1.0 / 1.6 / 1.6 AP / 1.8 / G2 1.0i / G2 1.8i, Karmann Ghia 1600, Kombi 1.3 / 1.5 / 1.6, Parati 1.6 / 1.6 AP, Passat 1.5 / 1.6 / 1.8, Quantum 1.8 / 2.0 / 2.0i, Santana 1.8 / 1.8i / 2.0 / 2.0i, Saveiro 1.6 / 1.6 AP, Variant 1600 / G2 1600, Voyage 1.5 / 1.6 / AP, **YANMAR:** Microtrator TC11 / TC11 Super, Motor BT22 / BT33

Bosch Equivalente / Replace — UF - 4.404

Tipo / Type: **JD**

Equivalente / Replace: 9 001 083 243, 9 001 083 238

Partida / Starter: 9 000 083 024, 0 001 354 076, 0 001 358 030, 9 000 083 000, 9 000 083 001, 9 000 083 002, 9 000 083 003, 9 000 083 004, 9 000 083 011, 9 000 083 012, 9 000 083 013, 9 000 083 014, 9 000 083 015, 9 000 083 018, 9 000 083 019, 9 000 083 020, 9 000 083 029, 9 000 083 030, 9 000 083 040

Aplicação / Application: **FIAT:** 70 / 100 /130, **AGRALE-DEUTZ:** 1800 D, BX 4.60 / 60, TX 1600, **CASE:** W18 / W 20/ W 20 B; **CBT:** 1065 / 1105 / 2080 / 2105 / 8060 4X4; **MERCEDES-BENZ:** SÉRIES - 6t L, 10t, 11t L, 13t L, 15t L, 20t L, 22t L, O, 608 D L, 1013 L, 1111 L, 1313 L, 1516 L, 2013 L, 2216 L, O362 **SLC:** 6200, 6200 TURBO, 7200 / 7700 / TURBO, **MÜELLER:** VIBRO RT 62 / 82, **MWM-DIESEL:** D 229-3 / 229-4 / 229-6, TBD 229-EC-6, TD 229-6; SLC: 7000 - 7200 TURBO; **VALMET:** 62 ID ; 65ID, 85 ID, 110 ID, 685, 685 ECO, **MASSEY- FERGUSON:** MF- 200-235 / 265 / 265/4

Bosch Equivalente / Replace — UF - 4.402

Tipo / Type: **JF**

Equivalente / Replace: 2 001 933 134, 2 001 933 135, 2 001 933 149, 9 001 083 432

Partida / Starter: 0 001 362 046, 0 001 362 081, 0 001 367 029, 0 001 367 054, 0 001 367 061, 0 001 368 001, 0 001 368 069, 0 001 368 300, 0 001 368 301, 0 001 368 302, 0 001 368 306, 0 001 368 307, 0 001 368 309, 0 001 369 014, 9 000 083 028, 9 000 083 029, 9 000 083 031, 9 000 083 035, 9 000 083 036, 9 000 083 038, 9 000 083 042, 9 000 083 043, 9 000 083 050, 9 000 083 053, 9 000 083 054, 9 000 083 055, 9 000 083 056, 9 000 083 058, 9 000 083 059, 9 000 083 061, 9 000 083 062, 9 000 083 063, 9 000 083 064, 9 000 083 065, 9 000 083 066, 9 000 083 067, 9 000 083 068, 9 000 083 069, 9 000 083 071, 9 000 083 072, 9 000 083 073, 9 000 083 074, 9 000 083 075, 9 000 083 076, 9 000 083 077, 9 000 453 072, 9 000 453 074, 9 000 453 075, 9 000 453 076, 9 000 453 077, 9 000 453 079, 9 000 453 080, 9 000 453 082, 9 000 453 083, 9 000 453 086, 9 000 453 088, 9 000 453 089, 9 000 453 090, 9 000 453 091, F 000 AL0 602, F 000 AL0 700, 9 000 083 027, 9 000 083 039, 9 000 083 041, 9 000 083 045, 9 000 083 046, 9 000 083 051, 9 000 083 052, 9 000 083 057

Aplicação / Application: **AGRALE (caminhões):** 1600D, 4500D, 5000D, 6150, 7000, 7000D, 7000TD, 7500TD, **AGRALE (máquinas):** Trator AX4.80S / AX4.100S / AX4.120S / AX4.100 / AX4.190 / BX4.60 / BX4.90 / BX4.100 / BX4.110 / BX4.130 / BX4.150, **AGRALE (ônibus):** MA7.5, **CASE:** Escavadeira 80CR / 80P, Escavadeira hidráulica 888 BCKE 6BT / 888 CKE 6BT, Pá carregadeira W18 / W20 / W20B / W20E, Retroescavadeira 580H / 580SH 4x2 / 580SH 4x4, **CBT:** Trator 1065 / 1105 / 2080 / 2105 / 8060 4x4 / 8240 / 8260 4x4 / 8440, **CHEVROLET-GM (caminhões):** D6000 (c/ motor Maxion S4 / S4T / S4T Plus), **CHEVROLET-GM (carros):** D20 (c/ motor Maxion S4 / S4T), **EL DETALLE (ônibus):** OA101 BF6L 913C, **FIAT (caminhões):** 80 8340, 80 S 8340.05, 120 8360, 130 CP3, 140 8360, **FIAT-ALLIS (máquinas):** Retroescavadeira FB80, **FORD (caminhões):** Cargo 814 / 815 / 1216 / 1217 / 1417 / 1215 / 1415 / 1416 / 1421 / 1617 / 1618 6.10 / 1621, F4000, F12000, F14000, **Ford (ônibus):** B1618 6.10T, B1621 6.10T, **IVECO (caminhões):** EuroCargo 120 E15 / 140 E18 / 150 E18 / 150 E20 / 150 E20T / 160 E21 / 160 E23 / 160 E23T, **JOHN DEERE (máquinas):** Colheitadeiras, Escavadeira JD50D, **KOMATSU (máquinas):** Motoniveladora A835 (Cummins 6BT 5.9) / GD523A (Cummins 6BT 5.9) / GD523R (Cummins 6BT 5.9), Retroescavadeira PC150 (Cummins 6BT 5.9) / PC150 SE (Cummins 6BT 5.9), Trator de esteiras D30E / D50A, **MASSEY-FERGUSON (máquinas):** Colheitadeira MF1630 / MF3640 / MF5650 / MF5650 Turbo / MF6845 / MF6855 / MF6865 / MF235 / MF265 / MF265/4 / MF275 / MF275/4 / MF290 / MF290/4 / MF283 / MF292 Turbo / MF292/4 Turbo / MF295 / MF295/4 / MF296 / MF296/4, **MAXION (máquinas):** Colheitadeira Ideal 9070 / 9075 / 9090, Trator 9110 / 9130 / 9150 / 9170, **MERCEDES-BENZ (caminhões):** 608 D L, 610 M L, 708 E L, 708 E LO, 709, 710, 712, 809 LO, 809 LO, 812 LO, 814 LO, 912, 914, 917, 1013 L, 1111 L, 1113, 1113 L, 1113 LA, 1113 LPO, 1114 L, 1116 L, 1117 L, 1117 LA, 1118 L, 1214 C, 1214 L, 1217 L, 1218 L, 1218 L Euro 1, 1219 LP, 1313 L, 1313 LA, 1313 LS, 1316 L, 1317 L, 1318 L, 1319 L, 1414 L, 1418 L, 1418 L Euro 1, 1419 LP, 1420 L, 1513 L, 1513 LA, 1516 L, 1517 L, 1518 L, 1518 LS, 1614 L, 1618 L, 1620 L, 1621 L, 1714 K, 1717 K, 1717 L, 1718, 1718 A, 1718 K, 1720, 1720 L, 1721 S, 1722 S, 1723, 2013 L, 2013 LA, 2014 L, 2016 L, 2213 L, 2213 LA, 2213 L, 2214 L, 2215 L, 2216 L, 2314 L, 2318 L, 2318 LB, 2318 LK, 2418, **MERCEDES-BENZ (ônibus):** O362, O364, O365, O371, OF812, OF1113, OF1114, OF1115, OF1313, OF1314, OF1315, OF1318, OF1618, OF1620, OF1721, OH1113, OH1313, OH1314, OH1315, OH1316, OH1318, OH1420, OH1421, OH1621, OH1623, OHL1620, OHL1621, **MÜELLER (máquinas):** Rolo compactador RT62H / RT82H / VAP55, Trator TM12 / TM14, **MWM (motores):** Motor D229-3 / D229-4 / D229-6, **NEW HOLLAND (máquinas):** Colheitadeira 8040 / 8055, **PERKINS, PUMA (caminhões):** 914, 7900, **SLC (máquinas):** Colheitadeira 6200 / 6200 Turbo / 7000 / 7200 Turbo / 7700 Turbo, **TOYOTA (carros):** Bandeirante, **VALMET (máquinas):** Trator 62 ID / 65 ID / 68 VS / 68 VS Cafeeiro / 68 VS Especial / 78 S / 78 VE / 88 / 110 / 118 / 118-4 / 118 PID / 118-4 PID / 128 VS / 128 4x4 VS / 128 4x4 PID / 138 Turbo TV / 138-4 Turbo VS / 148 4x4 VS / 148 Turbo TV / 785 / 880 / 880 4x4 / 885 / 885 4x4 / 885S / 980 4x4 Turbo / 985 / 985 4x4 / 985S / 1180 / 1180S / 1280 / 1280R / 1380S / 1580 / 1680S / 1780 / 1880S, **VOLKSWAGEN (caminhões):** 7100, 7120, 8100, 8120, 8140, 8140 CE, 8140 CO, 8150, 8150 OD, 9150 OD, 12140, 12170, 12180, 13150, 13170, 13180, 13190, 14150, 14170, 14180, 14200, 15170, 16170, 16180, 16200, 16210, 17210, 17240, L80, **VOLKSWAGEN (ônibus):** B16180, **VOLVO, YANMAR (máquinas):** Trator 1050.D / 1050.D 4x4, **YANMAR (motores):** Motor BTD22 / BTD33 / BT22 / BT33, Motor estacionário, Motor marítimo, **VALTRA (máquinas):** Tratores

Bosch Equivalente / Replace — UF - 4.406

Tipo / Type: **MWB**

Equivalente / Replace: **WAPSA :** 214006

Partida / Starter: 9 000 451 017, 9 000 451 003, 9 000 451 010, 9 000 451 011, 9 000 451 012

Aplicação / Application: **VOLKSWAGEN:** Gol C / Ci / Gi, Parati / CL / GL, Passat 1.5 / 1.6 / GTS, Saveiro CL / GL, Voyage C / CL / GL, **FORD:** Escort - Álcool e transmissão automática.

Bosch Equivalente / Replace

UF - 4.407

Tipo / Type: **MWB**

Equivalente / Replace: 9 001 451 346, **WAPSA:** 214011

Partida / Starter: 9 000 451 003, 9 000 451 010, 9 000 451 011, 9 000 451 012, 9 000 451 017

Aplicação / Application: **FORD:** Escort (c/ transmissão automática e álcool), **VOLKSWAGEN:** Gol C / Ci / Gi, Parati / CL / GL, Passat 1.5 / 1.6 / GTS, Saveiro CL / GL, Voyage C / CL / GL.

Bosch Equivalente / Replace

UF - 4.411

Tipo / Type: **DA, DW, DM**

Equivalente / Replace: 1 001 933 111

Partida / Starter: F 000 AL0 401, 9000081003, 0 001 115 079, 0 001 107 007, 0 001 107 015, 0 001 107 016, 0 001 107 018, 0 001 107 019, 0 001 107 020, 0 001 107 021, 0 001 107 022, 0 001 107 043, 0 001 107 045, 0 001 107 054, 0 001 107 059, 0 001 107 063, 0 001 107 066, 0 001 107 068, 0 001 107 075, 0 001 108 048, 0 001 108 080, 0 001 108 085, 0 001 108 094, 0 001 108 176, 0 001 108 213, 0 001 109 018, 0 001 109 405, 0 001 110 017, 0 001 110 072, 0 001 112 025, 0 001 112 041, 0 001 113 009, 0 001 113 010, 0 001 121 007, 0 001 121 008, 0 001 121 009, 0 001 121 017, 6 004 AA0 020, 9 000 081 001, 9 000 081 004, 9 000 081 005, 9 000 081 006, 9 000 081 007, 9 000 081 008, 9 000 081 009, 9 000 081 010, F 000 AL0 100, F 000 AL0 101, F 000 AL0 102, F 000 AL0 103, F 000 AL0 104, F 000 AL0 300, F 000 AL0 301, F 000 AL0 302, F 000 AL0 304, F 000 AL0 305, F 000 AL0 306, F 000 AL0 309, F 000 AL0 310, F 000 AL0 313, F 010 AL0 301, 0 001 108 115, 0 001 139 037, 0 001 139 037

Aplicação / Application: **VOLKSWAGEM:** Gol, Parati Geração 2 e 3 com motores 1.0 Mi; 16V e Turbo à partir de Setembro/2001, PARTIDAS DW E DM; Beetle 2.0, Bora 1.6 / 2.0 / 2.0 TotalFlex, Gol 1.8 / 2.0 GTi / II 1.8 Mi / II 1.8i / II 2.0 Mi / II 2.0 Mi 16V / II 2.0i / III 1.6 Mi / III 1.8 Mi / III 2.0 Mi, Golf 1.8 / II 1.8 / III 1.8 / III 2.0 Syncro / IV 1.4 / IV 1.8 / IV 1.8 4Motion / IV 1.8 GTi Turbo / IV 2.0 / IV 2.0i, Logus 1.6 / 1.6i / 1.8 / 1.8i / 2.0 / 2.0 Mi, Parati 1.6 / 1.8 / II 1.8 Mi / II 1.8i / II 2.0 Mi / II 2.0i / II 2.0i 16V / III 1.8 Mi / III 2.0 Mi, Passat 1.8 / 1.8 Turbo / 2.0, Pointer 1.8 / 1.8i / 2.0 / 2.0 Mi, Polo Classic 1.8 Mi, Quantum 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Santana 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Saveiro 1.8 / II 1.6 Mi / II 1.8 Mi / II 2.0 Mi / III 1.6 Mi / III 1.8 Mi / III 2.0 Mi, Voyage 1.8, **ALFA ROMEO:** Alfa 164 2.0 / 2.0 V6 Turbo / 3.0 V6 12V / 3.0 V6 24V / 3.0i.e., Spider 3.0 V6 12V, **AUDI:** 80 1.8 Quattro / 2.0, A3 1.6 / 1.8 / 1.8T / 3.2, A4 1.8 / 1.8T, A6 2.0, TT Coupé 1.8, **CHEVROLET GM:** Astra 1.8 MPFi / 1.8i / 2.0 MPFi / 2.0i / 2.0i 16V / Sedan 1.8 MPFi / Sedan 1.8i / Sedan 2.0 MPFi / Sedan 2.0i / Sedan 2.0i 16V, Blazer 2.2 EFi, C20 4.1 MPFi / 4.1 Powertech, Ipanema 2.0 MPFi, Kadett 2.0 MPFi, Omega 2.0 MPFi / 2.0i / 2.2 MPFi / 2.2i / 3.0 MPFi / 3.0i / 4.1i / Suprema 2.0 MPFi / Suprema 2.0i / Suprema 2.2 MPFi / Suprema 2.2i / Suprema 3.0 MPFi / Suprema 3.0i / Suprema 4.1i, S10 EFi / MPFi, Silverado 4.1 Powertech, Vectra 2.0 / 2.0 16V / 2.0 GSi 16V / 2.2 MPFi, Zafira 2.0 MPFi / 2.0i SFi 16V, **CITROEN:** Berlingo 1.8i, Evasion 2.0i, Evasion 2.0i Turbo, Jumper 2.0i, Xantia 1.6i / 1.8i / 1.8i 16V / 2.0i / 2.0i 16V / 2.0i Turbo, XM 2.0i 16V / 2.0i 16V Turbo, Xsara 1.8i / 1.8i 16V / 2.0i 16V / Picasso 2.0 16V, ZX 1.8i, **FIAT:** Brava, Ducato, Linea, Marea / Weekend, Palio 1.6 16V / Adventure 1.6 MPi 16V / Weekend 1.6 16V / Weekend 1.6 MPi 16V, Siena 1.6 MPi 16V, Strada 1.6 MPi 16V / 1.7 TDS, Tempra 2.0 8V / 2.0 MPI 16V / 2.0 SPi 8V / 2.0i.e. SW / Turbo 2.0 MPi 8V, Tipo 1.8i.e. / 2.0i.e. / 2.0i.e. 16V, Ulysse 1.8i.e. / 2.0i.e. / 2.0i.e. Turbo, **FORD:** Escort 1.6i / 1.8i / 1.8i Zetec / 2.0i, Mondeo 2.0i, Royale 1.8i / 2.0 / 2.0i, Verona 1.8i / 2.0i, Versailles 1.8i / 2.0 / 2.0i, **MERCEDES-BENZ:** Classe A 190, **OPEL:** Astra 2.0i, Calibra 2.0i 16V / 2.0i Turbo, Omega 1.8i / 2.0i / 2.4i / 2.6i / 3.0i / 3.6i, Vectra 2.0i 16V, **PEUGEOT:** 205 1.9i, 306 1.8i / 1.8i 16V / 1.9D / 2.0i / 2.0i 16V, 405 1.6i / 1.8i / 1.9D / 2.0i, 605 2.0i 16V, 806 2.0i / 2.0i Turbo, Partner 1.8i, **SEAT:** Alhambra 1.8 Turbo / 2.0 CityGolf 1.6, Cordoba 1.6 / 1.8 / 1.8 16V / 2.0, Ibiza 1.8, Inca 1.6i EFi, Vario 1.6, **TOYOTA:** Corolla 1.6i 16V / Hatchback 1.6i 16V / Sedan 1.6i 16V / 1.8i 16V, **BMW:** 530i 3.0 (1992-1995), 530i Touring 3.0 (1992-1996), 535i 3.5 (1996-2003), 540i 4.0 (1992-1995), 540i 4.4 (1996-2003), 540i 4.0 Touring (1993-1996), 540i Touring 4.4 (1997-2004), 730i/iL 3.0 (1991-1996), 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003), **PORSCHE:** Panamera, 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

Bosch Equivalente / Replace

UF - 4.427

Tipo / Type: **JE**

Equivalente / Replace: 2 001 933-021, Nº Antigo – 9 001 453 645

Partida / Starter: 0 001 371 001

Aplicação / Application: **MERCEDES-BENZ, CARGO, CAMINHÃO VW, SCANIA:** 124

Bosch Equivalente / Replace

UF - 4.408

Tipo / Type: **ED**

Equivalente / Replace: 9 001 082 261

Partida / Starter: 9000 082 010

Aplicação / Application: **FORD:** Corcel, **VOLKSWAGEN**

Bosch Equivalente / Replace

UF - 4.415

Tipo / Type: **ED**

Equivalente / Replace: 1 001 933 000, 1 001 933 101, 1 001 933 059

Partida / Starter: 0 001 218 159, 0 001 218 168, 0 001 218 174, 6 033 AB1 J00, 9 000 331 419, 9 000 331 432, 9 000 331 433

Aplicação / Application: **CHEVROLET, NISSAN, TROLLER, FIAT:** Ducato 2.5 D / 2.5 TD, **FORD:** F250, **IVECO:** Daily 10 / 35-12, **LAND ROVER:** Defender 2.5 Turbo Diesel, Discovery 2.5 TDi, Range Rover 2.5 TDi, **MARCOPOLO:** Volare, **MERCEDES-BENZ:** Sprinter 310 D / 312 D / 412 D, **PEUGEOT:** Boxer 2.8 Diesel.

Bosch Equivalente / Replace

UF - 4.416

Tipo / Type: **EV**

Equivalente / Replace: 9 003 333 931, 6 033 AD5 157

Partida / Starter: 0 001 223 505, 0 001 223 003, 0 001 223 010, 0 001 231 003, F 002 G20 904, F 042 002 135, BC45-11001-BA, 0 001 230 007, 0 001 230 011, 0 001 230 023, 0 001 230 030, 0 001 231 002, 0 001 231 033, 0 001 223 504, 0 001 241 001, 0 001 260 026, 0 001 261 002, 0 001 261 026, 0 001 262 006, 0 001 262 034, 0 001 263 047

Aplicação / Application: **CASE (máquinas):** Trator JX90, **FORD (caminhões):** Cargo 1317 / 1517 / 1717 / 1722 / 2422 / 2428 / 2622 / 2623 / 2629 / 816 / 1119 / 1319 / 1519 / 1719 / 1729 / 1723 / 2423 / 2429 / 2623 / 2629 / 1317 / 1517 / 1717 / 1722 / 2422 / 2626 / 2628 / 2622 / 2626, MOTOR CUMMINS ELETRÔNICO 24V MOTOR ISC 4.5L E 6.7L (→2010), F4000, F12000, F14000, F16000, **FORD (carros):** F250, F350, **IVECO (caminhões):** Daily 35 C9 / C11 / C13 / S9 / S11 / S13, **MASSEY FERGUSON (máquinas):** Colheitadeira MF9690ATR, **MERCEDES-BENZ (caminhões):** 712 C, 814 LO, 914 C, 914 LO, 915 E, 1117, 1215 C, 1218 L, 1317, 1418 L, 1520, 1618 L, 1618 M, 1622 L, 1718 M, 1728, 2423, 2428, Accelo 915 C, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Axor 1933 / 2533, Unimog U500 / U2150, **MERCEDES-BENZ (ônibus):** O500 M / R / U, O530 (Citaro), O915 L, OF1417, OF1418, OF1722, OH1418, **NEW HOLLAND (máquinas):** Trator TL70 / TL80 / TL90 / TL100, **SCANIA (caminhões):** G380, G420, P230, P270, P310, P340, P380, P420, P470, R230, R270, R310, R340, R380, R420, R470, R480, T340, T380, T420, T470, **SCANIA (ônibus):** K270, K310, K340, K380, K420, L94, **FIAT:** Ducato

Bosch/Delco Equivalente / Replace

UF - 4.428

Tipo / Type: **JE**

Equivalente / Replace: 2 001 933 017, 2 001 933 018, 2 001 933 021

Partida / Starter: 0 001 371 004, 0 001 371 005, 0 001 371 006, 0 001 371 007, 0 001 371 008, 0 001 371 010, 0 001 371 012, 0 001 371 013, 0 001 372 001, 0 001 372 002, 0 001 372 003, 0 001 372 004, 0 001 372 005, 0 001 372 006, 0 001 370 001, 0 001 371 009, 0 001 371 014, 9 000 453 029, 9 000 453 067, 9 000 453 068, F 000 AL0 801, **DELCO:** 19070030, 19070033, 19070035, 19070036, 19070037

Aplicação / Application: **CASE:** W 36 B TURBO, **CUMMINS:** CT 6 CT 8.3, **KENWORTH:** 13.120/ 22.210/ 23.210, **VOLKSWAGEN:** 16T 16.210, **FORD:** Cargo 2324 / 3224 / 4030, F7000, **MERCEDES-BENZ:** 16L L1625, 18TL LG 1825, 19TL LS 1938, 23TL L/LB/LK2325, 26TL LS 2638, 1625 L/ LS, 1630 LS, 1825 LG, 1935 LS, 1941 LS, 2325 L, 2635 L, Actros 1831/ 1835/ 1840/ 1843/ 1848/ 1853/ 857/ 2031/ 2035/ 2040/ 2053/ 2531/ 2535/ 2540/ 2543/ 2548/ 2553/ 2557/ 2631/ 2635/ 2640/ 2643/ 2648 / 2653/ 2657/ 3231/ 3235/ 3240/ 3243/ 3331/ 3335/ 3340/ 3343/ 3348/ 3353/ 4140/ 4143/ 4148, O350, O400, O530 (Citaro), 0580 (Travego), OH1624 L, OH1628 L, OH1630 L, OH1635 L, OHL1624, OHL1628, OHL1630, OHL1635, **SCANIA:** Séries 114, 124, DS, DSC e DSI, P114, P124, P322, P360, P400, P420, R114, R124, R144, R164, R320, R322, R340, R360, R400, R420, R460, R480, R530, R580, T114, T124, T144, T322, T360, T400, T420, T460, T530, K124, K360, K420

Bosch Equivalente / Replace

UF - 4.434 **Tipo /** Type: **K1, CDS**

Equivalente / Replace: F 000 CD1 020

Partida / Starter: F 000 CD0 800, F 000 CD0 900, F 000 CD0 A90, 51888975, 0 001 121 439, F 000 CD0 001, F 000 CD0 002, F 000 CD0 003, F 000 CD0 9A0, F 000 CD1 020, M008T60471, M009T61171, M009T61671, M009T-62572ZA, M009T62671, M009T64071, M009T64171, M8T60471, M9T61171, M9T62671, M9T64071, M9T64171

Aplicação / Application: **CHEVROLET - GM:** Montana, **DACIA:** Duster, Logan, Logan Mcv, Sandero, **FIAT:** Fiorino 1.3 Fire, Doblo, Palio, Strada, Siena, Idea, Uno (Novo / New), Marea, Strada 1.4/1.6, Punto, Bravo. **Todos Motores/ All Engines:** E.Torq. **VOLKSWAGEN:** Gol, Voyage 1.0 / 1.6 , **RENAULT:** Duster, Logan 1.6 / Mcv, Scenic 1.6, Megane 1.6 , Sandero Todos / All 1.0 (2006→), **IVECO:** Stralis 440 S50 / 440 S54 / 440 S56 / 160 T38 / 190 T38 / 190 T44 / 190 T45

Bosch Equivalente / Replace

UF - 4.451 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: 0 001 170 421

Aplicação / Application: **FIAT:** Uno, Mobi, Argo

Delco Equivalente / Replace

UF - 4.405 **Tipo /** Type:

Equivalente / Replace: 11932205, 1945804, 7324661, 946261101

Partida / Starter: 7322463, 94619622, 94646679, 732246348

Aplicação / Application: **CHEVROLET-GM:** Opala, Caravan

Delco Equivalente / Replace

UF - 4.410 **Tipo /** Type: **28MT**

Equivalente / Replace: 10457361

Partida / Starter: 10479626, 10479650

Aplicação / Application: **MERCEDES-BENZ:** Caminhõese Ônibus 712 / 912 / 914 / 1215 / 1417 / 1625 /1628 / 1632 / 1721 / 1725 / 2423, 714C, 715, 915C, 1218EL, 1218L, 1318L, 1418EL, 1418L, 1620L, 1718, 2423B, 2423K, 2428, Accelo 815 / 1016, Atego 1315 / 1418 / 1419 / 1518 / 1718 / 1719 / 1725 / 1726 / 1729S / 2425 / 2426 / 2429, Atron 1319 / 2324 / 2729B / 2729K / 2729P, Axor 1933 / 2533 / 2826 / 2828 / 2831 / 2831K / 2831P, O500M / R / U, O914L, OF1417, OF1418, OF1518, OF1519, OF1721, OF1722, OF1724

Delco Equivalente / Replace

UF - 4.431 **Tipo /** Type: **29MT**

Equivalente / Replace: 10515804, 10515805, 10515804M

Partida / Starter: 8200003, 8200004, 8200054, 8200064, 8200138, 8200196, 8200231, 8200292, 8200295, 8200296, 8200297, 8200326, 8200331, 8200357, 8200386, 8200474, 8200478, 8200495, 8200511, 8200512, 8200001, 8200010, 8200011, 8200014, 8200103, 8200216, 8200249, 8200271, 8200400, 8200564, 8200565, 8200570, 8200571, 8200622, 8200677, 8200796, 8200806, 8200826, 8200848, 8200849, 8200852, 8200853, 8200854, 8200866, 8200874, 8200875, 8200883, 8200885, 8200887, 8200889, 8200890, 8300063, 8300064, 10461764, 10461765, 10461770, 10461771, 10461772, 19011400, 19011402, 19011403, 19011407, 19011409

Aplicação / Application: **CNH, VOLVO, VOLKSWAGEN, AGRALE:** 1600, 4000, 5000, 6000, 7000, 8500 (c/ motor MWM), 9200 (c/ motor MWM), 5065, 5065.4 Compact, 5075, 5085, BX100 / 130 / 4.90 / 4.100 / 4.110 / 4.130 / 4.150 / 6.110 / 6.150 / 6.180, **ATLAS COPCO:** Compressor de ar XA56 / XA76 / XA77 / XA97, **CASE:** Colheitadeira de café Coffee Express 200, **CHEVROLET - GM:** D20 (c/ motor Maxion S4 4 cil. 4.1), Silverado (c/ motor Maxion S4 4 cil. 4.1), **FORD:** Cargo 815e (4x2) / 1317e (4x2) / 1517e (4x2) / 1717e (4x2) / 1722e (4x2) / 2422e (6x2) / 2622e (6x4) / 2428e (6x2) / 2628e (6x4), **MARCOPOLO (ônibus):** Boxer, Torino, Volare V8 / W8 / W9, **MERCEDERS-BENZ:** 710, 712 E, 1418 R, 1620 L, 1720, 1720 K, O712, O812, O814

Bosch Equivalente / Replace

UF - 4.442 **Tipo /** Type:

Equivalente / Replace: 1 001 933 126

Partida / Starter: 0 001 107 477, F 000 AL0 901, 0 001 121 440, 0 001 107 514

Aplicação / Application: **RENAULT:** Clio 2.0 Sport, Duster 2.0 16V, Espace 2.0 / Turbo, Fluence 2.0, Mégane 2.0 16V, Scénic 2.0 16V / 2.0i 16V, Trafic 2.0, **FIAT:** Doblò 1.8, Grand Siena 1.6, Idea 1.4 / 1.6 / 1.8, Palio 1.6 / Adventure 1.8 / Weekend 1.6, Punto 1.4 / 1.6 / 1.8, Siena 1.6, Strada 1.6 / 1.8, Strada Adventure 1.8, Bravo, Linea, **TOYOTA:** Corolla

Comstar Equivalente / Replace

UF - 4.453 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: 233004485R, 233006904R

Aplicação / Application: **RENAULT:** Duster, Logan, Sandero, Kwid

Delco Equivalente / Replace

UF - 4.409 **Tipo /** Type: **28MT**

Equivalente / Replace: 10456464

Partida / Starter: 113277, 10479621, 1113269, 1113270, 1113271, 1113272, 1113273, 1113274, 1113275, 1113276, 1113278, 1113279, 1113280, 1113281, 1113282, 1113283, 1113284, 1113285, 1113286, 1113287, 1113288, 1113289, 1113290, 1113291, 1113292, 1113295, 1113296, 1113297, 10479600, 10479604, 10479605, 10479606, 10479607, 10479608, 10479611, 10479612, 10479613, 10479614, 10479615, 10479616, 10479617, 10479618, 10479619, 10479620, 10479622, 10479624, 10479625, 10479628, 10479629, 10479630, 10479634, 10479636, 10479637, 10479638, 10479640, 10479641, 10479642, 10479643, 10479644, 10479645, 10479648, 10479651

Aplicação / Application: **CUMMINS:** Motores 3,96KW 24V, Motores 2,90 KW 12V, **CASE:** Retroescavadeira 580L / 580L SE, **DYNAPAC, FIAT-ALLIS:** Pá carregadeira FR12, **FORD:** F12000, F14000, **JOHN DEERE:** Trator 627 / 727 / 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3540 / 3550 / 4420 / 4530 / 5010 / 5600 / 5700 / 6300 / 6600, **MARCOPOLO:** Boxer, Torino, **MERCEDES-BENZ:** 710, 712 E, 1418 R, 1620 L, 1720, 1720 K, O712 L, O812 L, O814 L, **MULLER:** Trator TM14.

Delco Equivalente / Replace

UF - 4.422 **Tipo /** Type:

Equivalente / Replace: PG 260, 10452334, 10452337, 10504494

Partida / Starter: PG260B, 9000981P, 900890, 9000891, 2415.198 ED.T, **DELCO:** 8000006, 8000007, 8000008, 8000009, 8000011, 8000014, 8000019, 8000021, 8000023, 8000026, 8000027, 8000030, 8000048, 8000071, 8000090, 8000158, 8000159, 8000188, 8000208, 8000213, 8000224, 8000246, 8000256, 8000261, 8000270, 8000278, 8000285, 8000287, 8000300, 8000304, 8000305, 8000307, 8000308, 8000311, 8000315, 8000325, 8000328, 8000329, 8000332, 8000333, 8000337, 8000340, 8000345, 8000348, 8000360, 8000375, 8000387, 8000423, 8000437, 8000449, 8000507, 8000534, 8000538, 8000556, 8000571, 8000651, 8000661, 8000837, 8000838, 8000844, 8000893, 8100030, 8100036, 9000893, 9000923, 9000944, 9000947, 9000948, 9000949, 9000950, 9000953, 9000954, 9000955, 9000956, 9000960, 9000978, 9000981, 10465518, 10465607, **FIAT:** 084991, Ford: 5N1511000AA, 5N1511000AB, **GENERAL MOTORS:** 25190151, 55576980, 93297652, 93297653, 93303527, 93304772, 93374341, 93374342, 93384398

Aplicação / Application: **CHEVROLET-GM (carros):** Agile 1.0/1.4/1.6 (2009-2015), Celta 1.0/1.4/1.6 (2000-2015), Cobalt 1.0/1.4/1.6 (2011-2013), Corsa Classic 1.0/1.4/1.6 (2003-2015), Corsa 1.0/1.4/1.6 (1994-2014), Montana 1.0/1.4/1.6 (2007-2013), Novo Corsa 1.0/1.4/1.6 (2007-2014), Pick-up Corsa 1.0/1.4/1.6 (1995-2002), Prisma 1.0/1.4/1.6 (2006-2014), Astra, Blazer 4.3 V6 Vortex, Cruze LT 1.8 16V Flex / LTZ 1.8 16V Flex, Equinox 2.0 / 2.2 / 2.4, Malibu 2.2 / 2.4, Meriva 1.8 8V SOHC / 1.8 16V DOHC, Monza, S10 4.3 V6 Vortex, Spin 1.8 8V SOHC / 1.8 16V DOHC, Vectra GT, Zafira, **CITROEN (carros):** Berlingo 1.9 Diesel, Xsara Picasso 2.0 / Diesel, **DAEWOO (carros):** Espero 2.0, **FIAT (carros):** Doblò 1.0 Fire / 1.3 Fire / 1.4 Fire, Idea 1.0 Fire / 1.3 Fire / 1.4 Fire, Palio 1.0 Fire / 1.3 Fire / 1.4 Fire, Palio Weekend 1.0 Fire / 1.3 Fire / 1.4 Fire, Punto 1.0 Fire / 1.3 Fire / 1.4 Fire, Siena 1.0 Fire / 1.3 Fire / 1.4 Fire, Strada 1.0 Fire / 1.3 Fire / 1.4 Fire, **FORD (carros):** EcoSport 2.0 16V, Focus 2.0 16V, **HYUNDAI (caminhões):** HR 2.5 TCi, **KIA:** Bongo K2500 2.5 TCi, Opirus (Amanti) 3.8 V6, Sedona 3.5 V6 / 3.8 V6 / 3.5 V6, **PEUGEOT (carros):** 206 1.9 Diesel, 307 2. / Diesel, Partner 1.9 Diesel

Delco Equivalente / Replace — UF - 4.432

Tipo / Type: **38MT**

Equivalente / Replace: 10512089

Partida / Starter: 8200005, 8200025, 8200053, 8200072, 8200077, 200078, 200356, 8200000, 8200007, 8200021, 8200022, 8200023, 8200024, 8200026, 8200065, 8200066, 8200075, 8200076, 8200211, 8200217, 8200220, 8200235, 8200236, 8200239, 8200242, 8200269, 8200301, 8200309, 8200322, 8200324, 8200334, 8200349, 8200356, 8200408, 8200486, 8200523, 8200600, 8200607, 8200733, 8201050, 8300005, 10461768, 10461769, 10461774, 10461775, 10461776, 19026027, 19026028, 19026029, 19026030, 19026031, 19026032, 19026035

Aplicação / Application: **VOLVO:** FH 12 380, FH 12 420, FM 12 380, FM 12 420, NH 12 380, **SCANIA:** P 230, P 270, P 310, P 340, P 420, R 380, R 420, R 480, **CASE:** Colheitadeira de algodão 1822 / 1844 / 2055 / 2155, Colheitadeira de cana A8000 / A8800, Colheitadeira de grãos 1620 / 1640 / 1644 / 1666 / 1668 / 1670 / 1680 / 1688 / 1690 / 2144 / 2166 / 2188 / 2366 / 2399, Trator 1896 / 2055 / 2090 / 2094 / 2096 / 2290 / 2294 / 2390 / 2394 / 2470 / 2590 / 2594 / 2670 / 2870 / 3294 / 3394 / 4490 / 4494 / 4690 / 4694 / 4890 / 4894 / 4994 / 7110 / 7120 / 7130 / 7140 / 7210 / 7220 / 7230 / 7240 / 7250 / 8930 / 9110 / 9130 / 9210 / 9230 / 9240 / 9310 / 9330, Trator Magnum MX220 / MX240 / MX270, **CUMMINS:** Motor C 8.3 L / ISC 8.3 L, **FORD:** Cargo 1622 / 1630 / 1932 / 2422 / 2425 / 2626 / 2630 / 2631 / 3222 / 4030, 2632 / 2932 / 5032, **JAC:** HFC425, **RANDON:** Caminhão de mineração RK430B / RK430M / RK628C / RK628CF / RK628CR, **SCANIA:** P380, P470, P480, R230, R270, R310, R340, T340, T380, T420, T470, **VOLKSWAGEN:** 17.310 , 18.320 EOT, 23.210, 23.220, 23.310, 24.220, 26.220, 26.260, 26.310, 17220, 19370, 25370, Titan Tractor 18310, B18320 EOV, B19320 EOT, **CONSTELLATION:** 17320, 19320, 19360, 24320, 25320, 25400, 31320, 25.370 E

Delco Equivalente / Replace — UF - 4.445

Tipo / Type: **41MT /42MT**

Equivalente / Replace: 1988097

Partida / Starter: 1990352, 1990355, 1990366, 1900379, 1990413, 1990420, 1990483, 1990484, 1990489, 1990490, 1993795, 1993796, 8200015, 8200957, 10461417, 10478812, 10478818, 10478898, 10478961, 10478999, 10479013, 10479109, 10479243, 10479283, 10479292, 10479310, 10478998, 10479009, 10479010, 10479178, 10479260

Aplicação / Application: **CATERPILLAR:** Assentador de tubo 561D / 571G / 572G, Caminhão de mineração 768 B / 768 C / 769 B / 769 C / 772 / 772 B / 773 / 773 B / 776 / 776 B / 777 / 777 B, Empilhadeira AH40 / AH46 / AH52 / AH60 / AM36 / AM40 / V160 / V160B / V180 / V180B / V200 / V200B / V225 / V250 / V250B / V300 / V300B / V330B, Escavadeira 225 / 235 / 235B / 235C / 245 / 245 / 320D / 346, Motoniveladora 12K / 16G / 120K / 120M / 140K / 160K / 180M, Pá carregadeira 910 / 916 / 926 / 926E / 966 / 973 / 980 C / 980 F / 983 B / 983 B / 988 / 988 B / 992 / 992 B / 992 C, Raspador (Scraper) 621 B / 621 E / 623 B / 623 E / 631 D / 633 D / 641 B / 651 B / 657 B / 660 B / 666 B, Trator 814B / 824 / 824 C / 824 C / 825 C / 825 C / 826 C / 826 C / 834 B, Trator de esteiras D4 / D4E / D4H / D5 / D5B / D6C / D6D / D6H / D7F / D7G / D7H, Motor 3406 / 3408 / 3412, **CHALLENGER:** Trator de esteiras 65 / 70, **CLARK:** Empilhadeira C400 / C450 / Empilhadeira C550 / C650, Motoniveladora 301 / 501, Pá carregadeira 45C / 55B / 55IIIA / 55C / 75B / 75C / 75III / 75IV / 85A / 85CIIIA / 85III / 101 / 125 / 125III / 125A / 125B / 175III / 275, **DYNAPC:** Máquinas diversas, **FIAT ALLIS:** Pá carregadeira FW160 / FW170 / FW200, **HYSTER:** Empilhadeira H150 / H150E / H165 / H165E / H180 / H180E / H200 / H200E / H200ES / H225 / H225E / H250A / H250E / H300 / H360A / H360AD / H400A / H400AD / H460AD / H700 / H800A / M500 / M600 / P125A / P150A / P165A / P180A, **JOHN DEERE:** Colheitadeira CHT2500B / CHW2500B (c/ motor Scania), Escavadeira 890 / 890A, Motoniveladora 770A / 772A, **MASSEY FERGUSON:** Colheitadeira MF34 / MF38, **MERCEDES BENZ:** 1625 L, 1632 L, 1632 LS, 1634 LS, 1825 LG, 1938 L, 1938 LS, 1938 S, 1944 L, 2325 L, 2638 LK, 2638 LS, O371, O400, O500, OH1628 L, OH1636 L, **TEREX:** Caminhão de mineração (fora de estrada) 33-05, Empilhadeira 78SH / 81SH / 82SH / 83SH / 84SH, Pá carregadeira 72-21 / 72-21AA / 72-31 / 72-31AA / 72-31B / 72-31F / 72-31M / 72-41 / 72-41AA / 72-51 / 72-51BA / 72-61 / 72-61AA / 72-71, Trator de esteiras 82-20 / 82-30 / 82-30B / 82-30FA / 82-30FAM / 82-30FAT / 82-30G / 82-30GA / 82-40 / 82-40CA / 82-40FAT / 82-80 / 82-80DA, Raspador (Scraper) S11 E / S23E / TS14 / TS14 / TS14 B / TS18 / TS24 / TS24A / TS32 / TTS14.

Delco Equivalente / Replace — UF - 4.450

Tipo / Type:

Equivalente / Replace:

Partida / Starter: 24587020 , 24581746

Aplicação / Application: **CHEVROLET - GM:** Prisma, Celta, Celta Classic, Agile, Spin, Montana, Onix, Cobalt

Delco Equivalente / Replace — UF - 4.440

Tipo / Type: **PG260D6 1.4Kw 12V, PMGR 1.2Kw, 12V**

Equivalente / Replace:

Partida / Starter: 8000357, 24581746, 8000465, 361003C151, 36100 2G000, 36100 2G200, 6100 2G300, 96000, 8000660P, PG260B

Aplicação / Application: **KIA:** Forte 2.0L, Forte 2.4L, Forte Koup 2.0L, Forte Koup 2.4L, Forte 5 2.0L, Magentis 2.4L, Optima 2.0L, Optima 2.4L, Rondo 2.4L, Sorento 2.4L, Sportage 2.0L, Sportage 2.0 4x4, Sportage 2.4L, Carens 2.0, **HYUNDAI:** Genisis Coupe 2.0L, Genisis Coupe Turbo, Graundeur 2.4, IX35 2.0L, Graundeur 2.0D, Santa Fé 2.4L, Sonata 2.0L, Sonata 2.4L, Tucson 2.0L, Tucson 2.4L, **CHEVROLET-GM:** Corsa (2011-2016), Prisma 1.0 / 1.4 (2014 em diante), Onix 1.0 / 1.4 (2014 em diante), Montana (2014-2017), Spark GT (2010-2018)

Delco Equivalente / Replace — UF - 4.444

Tipo / Type: **37MT**

Equivalente / Replace: 1985237

Partida / Starter: 1993874, 1993910, 1993914, 1993963, 1993964, 1993969, 10478890, 10479196, 10479302, 3910644, 3991792, 96HU11001AA, A4571510001, A4761517301, 2T0911023B, TF3911023.

Aplicação / Application: **CASE:** Escavadeira 880 / 880C, Pá carregadeira 1000D / 680 / 680G / 780 / 780B / 825 / W10 / W11 / W11B / W14H / W8 / W9 / W9B, Trator 1200 / 1250 / 600 / 800, Trator de esteiras 350 / 350C / 475 / 750 / 850, **CATERPILLAR:** Empilhadeira V30 / V40 / V41 / V50 / V51 / V60, Motor 3114 / 3116 / 3176 / 3304 / 3306, **FORD:** Cargo 1622 / 1630 / 2422 / 2425 / 2622 / 2626 / 2631 / 3222 / 4030 (c/ motor Cummins), **GMC:** 12170 / 14190 / 15190 / 16220 (c/ motor Caterpillar), **MERCEDES BENZ:** 1632 L, 1632 LS, 1634 LS, 1938 L, 1938 LS, 1938 S, 1944 L, 2638, 2638 LK, 2638 LS, O371, O400, O400 PLE, O400 RSD, O400 SER, O400 UPA, OF1722, OH1628 L, OH1636 L, **TERX:** Máquinas diversas, **VW:** 18310 Titan Tractor, 17220 / 17310 / 23210 / 23220 / 23310 / 24220 / 26220 / 26260 / 26310 (c/ motor Cummins)

Delco Equivalente / Replace — UF - 4.446

Tipo / Type: **39MT**

Equivalente / Replace: **DELCO:** 10511402, **G-BUSCH:** GB16381

Partida / Starter: 8200009, 8200019, 8200022, 8200027, 8200032, 8200034, 8200039, 8200040, 8200041, 8200050, 8200056, 8200058, 8200059, 8200069, 8200081, 8200084, 8200085, 8200087, 8200090, 8200091, 8200101, 8200104, 8200140, 8200170, 8200182, 8200186, 8200200, 8200201, 8200214, 8200218, 8200223, 8200233, 8200238, 8200268, 8200284, 8200287, 8200288, 8200289, 8200290, 8200291, 8200305, 8200306, 8200308, 8200314, 8200319, 8200323, 8200329, 8200330, 8200384, 8200389, 8200406, 8200410, 8200411, 8200412, 8200417, 8200419, 8200420, 8200421, 8200422, 8200429, 8200430, 8200431, 8200433, 8200434, 8200435, 8200436, 8200443, 8200444, 8200445, 8200446, 8200447, 8200448, 8200449, 8200450, 8200457, 8200464, 8200465, 8200468, 8200469, 8200470, 8200519, 8200567, 8200572, 8200584, 8200585, 8200589, 8200593, 8200604, 8200605, 8200606, 8200610, 8200611, 8200612, 8200614, 8200623, 8200624, 8200625, 8200627, 8200628, 8200634, 8200635, 8200639, 8200643, 8200646, 8200647, 8200648, 8200653, 8200654, 8200655, 8200656, 8200659, 8200661, 8200662, 8200664, 8200671, 8200672, 8200681, 8200684, 8200686, 8200687, 8200688, 8200691, 8200692, 8200694, 8200696, 8200697, 8200698, 8200699, 8200700, 8200702, 8200704, 8200709, 8200712, 8200713, 8200714, 8200719, 8200720, 8200724, 8200725, 8200726, 8200727, 8200736, 8200741, 8200742, 8200747, 8200751, 8200752, 8200756, 8200758, 8200763, 8200767, 8200768, 8200783, 8200793, 8200808, 8200820, 8200825, 8200829, 8200844, 8200845, 8200855, 8200857, 8200858, 8200859, 8200860, 8200681, 8200862, 8200864, 8200900, 8200915, 8200928, 8200929, 8200999, 8201193, 8300008, 8300009, 8300013, 8300015, 8300020, 8300057, 8300060, 8300062, 8300084, 10461334, 10461753, 10461754, 10461760, 10451773, 19011507, 19011509, 19011511, 19011512, 19011513, 19011514, 19011515, 19011516, 19011518, 19011519, 19011521, 19011522, 19011523, 19011524, 19011525, 19011527, 19011529, 19011530, 19011531

Aplicação / Application: **CASE:** Colheitadeira de cana A7000 / A7700, Motoniveladora 865 / 865.2 / 885 / 885.2, Pá carregadeira W30, **CUMMINS:** Gerador C350 D6 / C400 D6, Motor ISX, **FIAT ALLIS:** Motoniveladora FG170 / FG170.2 / FG200 / FG200.2, Trator de esteiras FD170, **NEW HOLLAND:** Motoniveladora RG170 / RG200, **TEREX:** Empilhadeira GEP23, **VALTRA:** Colheitadeira BC7800 / BC8800, **VOLVO:** VHD200, VHD300, VHD430, VHD630, VHD670, VHD730, VHD780, VN300, VN430, VN630, VN670, VN730, VN780

Denso Equivalente / Replace

UF - 4.441 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: 428000 8420, 428000 8421, 428000 8422, 428000 8423, 428000 8424

Aplicação / Application: **LAND ROVER:** Freelander 2.0 Si4 4x4, LR2 2.0, Range Rover Evoque 2.0 Si4 4x4

Denso Equivalente / Replace

UF - 4.443 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: 428000-0950

Aplicação / Application: **HONDA:** Fit 1.4 / 1.5 (2005->)

Denso Equivalente / Replace

UF - 4.452 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: BC438000-3370

Aplicação / Application: **FIAT:** Uno Vivace (2017), Argo (2017), Mobi

Iskra Equivalente / Replace

UF - 4.454 **Tipo /** Type:

Equivalente / Replace: 16 905 853, 16 906 145

Partida / Starter: **11 130** 179 / 201 / 203 / 216 / 250 / 364 / 402 / 403 / 408 / 409 / 411 / 432 / 436 / 490 / 491 / 492 / 500 / 502 / 503 / 509 / 514 / 520 / 521 / 525 / 526 / 532 / 533 / 534 / 537 / 548 / 551 / 552 / 554 / 565 / 567 / 579 / 585 / 595 / 596 / 598 / 612 / 618 / 619 / 620 / 624 / 626 / 627 / 629 / 631 / 632 / 645 / 659 / 660 / 665 / 669 / 670 / 671 / 672 / 673 / 676 / 679 / 682 / 685 / 686 / 687 / 688 / 692 / 697 / 704 / 705 / 706 / 707 / 709 / 710 / 711 / 732 / 734 / 739 / 741 / 743 / 750 / 751 / 762 / 769 / 783 / 784 / 795 / 798 / 807 / 808 / 811 / 819 / 820 / 821 / 823 / 824 / 838 / 839 / 862 / 863 / 872 / 875 / 886 / 889 / 890 / 895 / 896 / 897 / 898 / 937 / 940 / 971 / 972 / 977 / 993 / 998, **11 131** 006 / 013 / 015 / 017 / 018 / 029 / 038 / 053 / 070 / 085 / 086 / 093 / 098 / 626 / 729, **11 132** 429, **AZJ31** 09 / 10 / 14 / 15 / 17 / 23 / 24 / 31 / 32 / 33 / 37 / 39 / 40 / 44 / 46 / 48 / 49 / 50 / 51 / 56 / 57 / 58 / 60 / 66 / 69 / 70 / 72 / 77 / 79 / 82 / 84 / 86 / 87 / 88 / 92 / 95 / 96 / 97 / 98 / 99, **AZJ32** 01 / 03 / 05 / 06 / 11 / 12 / 13 / 17 / 18 / 19 / 20 / 21 / 22 / 23 / 26 / 27 / 29 / 30 / 31 / 32 / 34 / 37 / 42 / 43 / 44 / 45 / 46 / 47 / 48 / 55 / 56 / 61 / 62 / 63 / 68 / 69 / 74 / 79 / 81 / 82 / 83 / 84 / 85 / 86 / 87 / 91 / 92 / 99, **AZJ33** 01 / 05 / 06 / 12 / 14 / 15 / 17 / 18 / 19 / 20 / 24 / 27 / 30 / 31 / 33 / 39 / 42 / 46 / 47 / 50 / 51 / 52 / 53 / 54 / 55 / 56 / 57 / 59 / 64 / 67 / 69 / 74 / 75 / 76 / 79, **AZJ34** 45 / 57 / 82, **AZJ35** 25 / 37 / 38 / 42 / 54 / 93

Aplicação / Application: **CASE:** Colheitadeira WDX901 / WDX1101, Escavadeira B60CL / B75CL / B75P, **DEUTZ-FAHR:** Trator M110 / M120, **FIAT:** Caminhões diversos, **FIAT ALLIS:** Escavadeira FE12R / S9 / S11 / S60 / S70 / S90 / S105B, Pá carregadeira FR7, **IVECO:** 50 10, 60 10, 65 10, 75 E15, 79 10, 79 14, 80 E15, 80 E18, 80 E21, 100 E15, 100 E18, 100 E21, 110 17W, 115 14, 115 17, 120 E15, 120 E18, 120 E23, 130 E15, 130 E18, 130 E23, 135 14, 135 17, 145 17, 150 17, 150 E15, 150 E18, 150 E23, 159 17, 175 17, 180 E21, 260 E23, 280 E23, **LAMBORGHINI:** Tratores, **NEW HOLLAND:** Tratores, **VALMET:** Tratores, **VALTRA:** Trator 305 / 405 / 455 / 500 / 502 / 504 / 505 / 542 / 602 / 604 / 605 / 655 / 700 / 702 / 703 / 705 / 712 / 755 / 802 / 803 / 805 / 855 / 900 / 902 / 903 / 905 / 912 / M600 / M700 / M800 / M900, **VOLVO:** Pá carregadeira LM218, **WHITE:** Tratores, **ZETOR:** Trator 3011 / 3045 / 3320 / 3321 / 3340 / 3341 / 3511 / 3513 / 3545 / 4320 / 4321 / 4340 / 4341 / 4511 / 4611 / 4718 / 4911 / 5011 / 5211 / 5245 / 5320 / 5321 / 5340 / 5341 / 5511 / 5516 / 5545 / 5611 / 5645 / 5647 / 5711 / 5718 / 5745 / 5748 / 5911 / 5945 / 6011 / 6045 / 6211 / 6212 / 6245 / 6320 / 6321 / 6340 / 6341 / 6511 / 6518 / 6522 / 6711 / 6718 / 6745 / 6748 / 6911 / 6918 / 6945 / 7011 / 7045 / 7245 / 7321 / 7340 / 7341 / 7711 / 7745

Magneti Marelli Equivalente / Replace

UF - 4.417 **Tipo /** Type:

Equivalente / Replace:

Partida / Starter: MAGNETI MARELLI

Aplicação / Application: **FIAT**

Iskra Equivalente / Replace

UF - 4.433 **Tipo /** Type: **AZF4595, Z10, 4.2 Kw**

Equivalente / Replace: 16 908 457, 16 908 335, MSX192, MSX830

Partida / Starter: **11 130** 729 / 730 / 748 / 785 / 841 / 842 / 904 / 941 / 999, **11 131** 370 / 659 / 014 / 077 / 112 / 167 / 214 / 228 / 260 / 271 / 279 / 315 / 318 / 352 / 398 / 399 / 430 / 436 / 440 / 452 / 464 / 488 / 491 / 501 / 508 / 520 / 524 / 526 / 535 / 550 / 570 / 573 / 574 / 575 / 604 / 605 / 606 / 612 / 640 / 648 / 686 / 696 / 697 / 705 / 706 / 716 / 731 / 754 / 761 / 763 / 769 / 770 / 780 / 781 / 782 / 784 / 797 / 798 / 821 / 829 / 830 / 839 / 848 / 862 / 863 / 864 / 865 / 868 / 869 / 881 / 882 / 883 / 890 / 892 / 893 / 894 / 896 / 897 / 898 / 900 / 920 / 921 / 929 / 932 / 942 / 945 / 946 / 947 / 956 / 964 / 965 / 966 / 984 / 987 / 989 / 995, **11 132** 008 / 009 / 027 / 041 / 042 / 047 / 050 / 066 / 067 / 068 / 069 / 070 / 071 / 073 / 085 / 094 / 114 / 115 / 117 / 125 / 137 / 138 / 139 / 140 / 141 / 142 / 144 / 150 / 154 / 155 / 156 / 158 / 159 / 160 / 164 / 165 / 166 / 177 / 182 / 188 / 193 / 197 / 198 / 230 / 231 / 236 / 259 / 260 / 262 / 264 / 268 / 270 / 276 / 278 / 290 / 291 / 293 / 325 / 332 / 344 / 348 / 365 / 366 / 367 / 368 / 370 / 371 / 372 / 373 / 379 / 381 / 382 / 383 / 389 / 391 / 394 / 398 / 402, **AZE41** 23 / 25 / 39 / 50 / 51 / 59 / 65 / 67 / 70 / 72 / 73 / 83 / 90 / 92 / 94 / 95 / 97 / 99, **AZE42** 01 / 04 / 07 / 08 / 14 / 15 / 21 / 26 / 27 / 34 / 39 / 40 / 41 / 43 / 44 / 45 / 47 / 48 / 54 / 55 / 65 / 68 / 73 / 76 / 83 / 84 / 85 / 86, **AZE45** 36 / 73 / 79, **AZF41** 03 / 04 / 15 / 19 / 21 / 22 / 29 / 32 / 35 / 37 / 43 / 46 / 47 / 48 / 55 / 59 / 64 / 69 / 78 / 81 / 83 / 84 / 94 / 96 / 97 / 98, **AZF42** 04 / 06 / 09 / 20 / 24 / 29 / 30 / 31 / 32 / 33 / 34 / 38 / 39 / 40 / 42 / 43 / 45 / 46 / 47 / 48 / 51 / 53 / 58 / 60 / 66 / 67 / 69 / 73 / 76 / 77 / 81 / 86 / 87 / 88 / 89 / 91 / 93 / 95, **AZF43** 02 / 03 / 08 / 09 / 10 / 11 / 12 / 13 / 14 / 16 / 18 / 23 / 26 / 30 / 31 / 38 / 39 / 41 / 45 / 46 / 47 / 49 / 50 / 52 / 56 / 57 / 62 / 65 / 71 / 72 / 74 / 75 / 76 / 77 / 78 / 79 / 81 / 82 / 83, **AZF45** 08 / 09 / 10 / 11 / 14 / 15 / 20 / 24 / 35 / 38 / 45 / 59 / 69 / 72 / 82 / 91 / 95, **AZF46** 17 / 27 / 39 / 43 / 46 / 83 / 87 / 91, **AZF48** 14 / 33 / 52 / 61 / 62, **MS** 3 / 4 / 5 / 21 / 24 / 25 / 45 / 64 / 65 / 66 / 67 / 68 / 69 / 70 / 71 / 72 / 79 / 84 / 87 / 90 / 99 / 101 / 111 / 119 / 130 / 138 / 139 / 143 / 145 / 151 / 167 / 168 / 176 / 196 / 197 / 200 / 202 / 204 / 205 / 207 / 210 / 213 / 223 / 226 / 232 / 239 / 246 / 248 / 255 / 286 / 287 / 289 / 291 / 294 / 295 / 297 / 299 / 394 / 395 / 399 / 400 / 403 / 419 / 423 / 424 / 429 / 435 / 439 / 440 / 446 / 448 / 544 / 551 / 596 / 615 / 625 / 632 / 647 / 650 / 651 / 652 / 653 / 654 / 660 / 677 / 687 / 717 / 718 / 719 / 720 / 721 / 722 / 724 / 725 / 726 / 752 / 791

Aplicação / Application: **ATLAS (máquinas):** Escavadeira 140W / 150W / 160LC / 160W / 175LC / 180MH / 180W / 200MH / 215LC / 1404ZW / 1600ZW / AT710, Pá carregadeira AR51BE / AR61A / AR70 / AR81, Compressor de ar ST 35 / SR 48 / STS 35 / STS 48 / XAHS 237 / AMS 287 / XAS 182 C2 / XATS 156 C2, **BOBCAT:** Manipulador telescópico T2256 / T2566 / T3571 / T35100 / T35120 / T40140 / T40170 / TL360 / TL470 / TR40250 / TR45190 / TR50210, Mini pá carregadeira 863 / 863C / 863F / 863HC / 863HF / 873C, **BOMAG:** Fresadora a frio BM500/15 / BM600/15, Pavimentadora de asfalto BF600 / BF800, Rolo compactador BC462EB / BW141AC / BW190 / BW202 / BW203 / BW211B / BW212 / BW213 / BW216 / BW218, Rolo compactador pneumático BW24 / BW25 / BW27, **CASE:** Mini pá carregadeira SR200 / SR250, Pá carregadeira 21E / 121E / 321E, Trator MXM120 / MXM130 / MXM140 / MXM155 / MXM175 / MX190, Tratores Farmall, Tratores JXU, Tratores Maxxum, Tratores MXU, Tratores Puma, Tratores Quantum, **DEUTZ-FAHR:** Tratores, **DOOSAN:** Manipulador telescópico DT70, **FORD:** Tratores, **IVECO:** 110-17, 120-16, 120-17, 150-16, 160-17, **JCB:** Escavadeira 807C / 811 / 812 / 814 / 817 / 818 / 820, Pá carregadeira 420 / 430, Retroescavadeira 3CX-4 / 4CX, Trator Fastrac 125 / 135 / 145 / 155 / 185, **JOHN DEERE:** Pulverizador (gafanhoto) 6700, **LAMBORGHINI:** Tratores Mach, Tratores Nitro, Tratores R6, Tratores R7, Tratores Spark, Tratores VRT, **LIEBHERR:** Escavadeira A901 / A903 / A911 / A921 / R911 / 921B / R981, **MAN:** 6100, 8100, 8113, 8150, 8153, 8160, 8163, 8185, 8220, 8223, 8224, 9150, 9153, 9163, 9185, 9223, 9224, 10145, 10150, 10153, 10163, 10220, 10223, 10224, 11150, 11190, 11220, 11230, 12152, 12162, 12163, 12192, 12222, 12224, 12232, 12255, 12262, 12264, 12272, 12284, 12285, 13220, 13230, 14152, 14162, 14163, 14192, 14220, 14222, 14224, 14232, 14262, 14264, 14272, 14282, 15163, 15224, 15264, 15284, 17192, 17222, 17232, 17272, 18192, 18220, 18222, 18224, 18232, 18262, 18264, 18284, 20224, 20264, 20284, 24192, 24222, 24232, 24262, 24272, 25224, 25264, 25284, 26225, 26285, LE140C, LE160B, LE160C, LE180B, LE180C, LE220B, LE220C, LE250B, LE280B, EM192, EM220, NM152, NM182, NM192, NM222, NM223, NM283, SM152, SM192, **MASSEY FERGUSON:** Trator MF291 / MF330 / MF440 / MF445 / MF455 / MF460 / MF875 / MF4320 / MF4325 / MF4335 / MF4345 / MF4355 / MF4360 / MF4370 / MF5455 / MF6225, **NEW HOLLAND:** Colheitadeira / Combine CX720 / CX740 / CX760 / CX780 / CX820 / CX840 / HW300 / HW320 / HW340 / HW345 / HW365, CS 660 - Cummins L6 8.3 280cv, Trator 5610 / 5640 / 6610 / 6640 / 7010 / 7610 / 7740 / 7840 / 8010 / 8160 / 8240 / 8260 / 8340 / 8360 / 8560 / TM115 / TM125 / TM150 / TM165 / TS100 / TS115 / TS125 / TV140 / T7 / TS6, **VOLVO:** Pá carregadeira EW140C

Magneti Marelli Equivalente / Replace

UF - 4.424 Tipo / Type:

Equivalente / Replace:

Partida / Starter: **MT** 67 / 68 / 71 / 72, **06321672** 5010 / 6010 / 7010, 063216731010, **06321674** 0010 / 1010 / 7010, **06321680** 0010 / 15010 / 25010 / 26010 / 27010 / 31010 / 51010 / 76010 / 84010, **0632171** 26010 / 47010, **0632172** 01010 / 25010 / 26010, MT62BA, **MT67A** / AA / AB / AD / CA / CB, **MT68A** / AA / AB / AC / AD / LB / LC / PA / Q / QA / RA, **MT71A** / AA / AB / D / DA / DB / E / T / TA / Z, **MT72A** / AA / AB, MT74L

Aplicação / Application: **AGRIFUL, CARRARO, NEW HOLLAND, RUGERINI, SIMIT, SLANZ, FIAT ALLIS:** 65, 70, 75, Escavadeira EX215, Pá carregadeira 645B, **IVECO:** 79-14, Daily 35-8, EuroCargo 60 E10 / E12, EuroCargo 100 E15, **LAMBORGHINI:** Trator 115, **RENAULT:** Master 2.4 antiga, Trafic 2.5 antiga

Mitsubishi Equivalente / Replace

UF - 4.421 Tipo / Type:

Equivalente / Replace: MD611223, M864X09771

Partida / Starter: M000T32071ZC, M000T32071, M0T32071, M0T32071ZC, PM6R M1T 60081, M000T34071ZC, M000T81181, M000T82081, MD328235, **CHRYSLER:** 05034555AA, 5034555AA

Aplicação / Application: **CHRYSLER:** Sebring (07-09), **DODGE:** Avenger (08-09), Caliber (07-09), Journey 2009, **ISUZU:** C-240 Diesel Engines, **MAZDA:** Empilhadeira / Forklift, **MITSUBISHI:** Empilhadeira / Forklift, Pajero, Space Runner 1.8, **PEUGEOT:** 405, **JEEP:** Compass (07-09), Patriot (07-09), PATRIOT L4 (07-09), **MERCURY, SUBARU, SUZUKI, YALE:** Empilhadeira / Forklift, **HYUNDAI:** Coupé (Tiburon/Tuscani), Elantra, Lantra II, Tucson, Trajet, **KIA:** Carens II, Cerato I, Colt III, Spectra, Sportage,

Mitsubishi Equivalente / Replace

UF - 4.437 Tipo / Type:

Equivalente / Replace:

Partida / Starter: M2T87671, **RENAULT:** 7700300522, 7700313447

Aplicação / Application: **OPEL:** Movano 2.5 D / 2.8 dTi, **RENAULT:** Master Chassi 2.8td, Master Van 2.8td, Master Chassi 2.5td, Master Van 2.5td

Mitsubishi Equivalente / Replace

UF - 4.447 Tipo / Type:

Equivalente / Replace:

Partida / Starter: **MITSUBISHI:** M000T25171ZC, **MOPAR:** 56029712AB

Aplicação / Application: **FIAT:** Toro, **JEEP:** Compass 2.4,

Mitsubishi Equivalente / Replace

UF - 4.448 Tipo / Type:

Equivalente / Replace:

Partida / Starter: 12673600, 695085118, BZ1634929378 17MC

Aplicação / Application: **CHEVROLET-GM:** Cruze, Tracker, **OPEL:** Astra

Mitsubishi Equivalente / Replace

UF - 4.449 Tipo / Type:

Equivalente / Replace:

Partida / Starter: **FORD:** 9E5T-11000-AC, **MITSUBISHI:** M000T1627ZC

Aplicação / Application: **FORD:** Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010)

Mitsubishi Equivalente / Replace

UF - 4.420 Tipo / Type:

Equivalente / Replace:

Partida / Starter: CGP 25, M0T80081, M0T80381, M0T80881, M0T80981, M0T81081, M000T80081, M000T80381, M000T80881, M000T80981, M000T81081

Aplicação / Application: **CHEVROLET-GM, CLARK, YALE, KIA:** Rio, Shuma II, **MAZDA:** 323 V / VI, 626 IV / V, 929 III, Demio, MPV I / II, MX-3, MX-5 II, MX-6, Premacy, Xedos 6 / 9

Mitsubishi Equivalente / Replace

UF - 4.435 Tipo / Type:

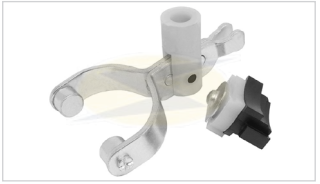
Equivalente / Replace:

Partida / Starter: M9T62572ZA, M9T62671, M009T66171, M9T61671

Aplicação / Application: **IVECO:** Eurostar 190 / 260 / 440, Eurotech 190 / 260 / 440, Eurotrakker 190 / 260 / 340 / 380 / 400 / 410 / 440 / 720, Stralis 190 / 260 / 400 / 440, Stralis L 190 / 260 / 440, Trakker 190 / 260 / 340 / 380 / 400 / 410 / 440 / 720, Trakker N 190 / 260 / 340 / 380 / 400 / 410 / 440 / 720, **FORD:** L6000 / 7000 / 8000 / 9000 C/ Motor Cummins Ism De 1985 A 1999, **FREIGHTLINER:** C/ Motor Caterpillar De 1999 A 2007, **VOLVO:** Vhd Series De 1998 A 2003 Cummins Ism, Vnm Series De 1997 A 2003 Cummins Ism, Wa / Wc / Wg / Wh / Wi / Wx Series De 1997 A 2001 Cummins Ism, 9700 / 9900, B 12 B / Fh 12 340 / 12 380 / 12 420 / 12 460 / 12 500, Fh 380 / 400 / 420 / 440 / 460 / 480 / 500 / 520 / 540, Fm 12 340 / 12 420, Fm 360 / 380 / 400 / 420 / 440 / 460 / 480 / 500, **VOLKSWAGEN:** 13-180 / 15-180 / 17-210 / 17-240 / 17-260 / 26-260 / 31-260 / 24-280, Constellation, **RENAULT:** Kangoo 1.6i

Mitsubishi Equivalente / Replace

UF - 4.436 Tipo / Type:



Equivalente / Replace:

Partida / Starter: M9T82171, M9T80472

Aplicação / Application: **MERCEDES-BENZ:** AXOR 2035 / 2040 / 2044 / 2540 / 2544 / 2640 / 2644 / 3340 / 3344, ACTROS 1832 / 1846 / 1850 / 1854 / 1858 / 2032 / 2046 / 2050 / 2054 / 2532 / 2546 / 2550 / 2554 / 2558 / 2632 / 2646 / 2650 / 2654 / 2658 / 3232 / 3246 / 3332 / 3346 / 3350 / 3354 / 3358 / 4146 / 4150, Actros Bluetec 1832 / 1836 / 1841 / 1844 / 1846 / 1848 / 1851 / 1855 / 1860 / 2032 / 2036 / 2041 / 2044 / 2046 / 2048 / 2051 / 2055 / 2532 / 2536 / 2541 / 2544 / 2546 / 2548 / 2551 / 2555 / 2560 / 2632 / 2636 / 2641 / 2644 / 2646 / 2648 / 2651 / 2655 / 3232 / 3236 / 3241 / 3244 / 3246 / 3248 / 3332 / 3336 / 3341 / 3344 / 3346 / 3348 / 3351 / 3355 / 3360 / 4141 / 4144 / 4146 / 4148 / 4151, Actros 1861 Black Edition, Ls 1634, O 345 G, O 500 Ma, O 500 Rs-Rsd, O 530 Gn3 (Citaro), O 530 Cn3 Uestra (Citaro), O 530 Gnue3 (Citaro), O 530 N3 (Citaro), O 530 N3 Lang (Citaro), O 580 Rhd-17 (Travego), Tourismo 15 Rhd/Shd, **VOLVO:** FH12/340 / 12/380 / 12/420 / 12/460 / 12/500, FM12/340 / 12/380 / 12/420, B12

Motorcraft Equivalente / Replace

UF - 4.425 Tipo / Type: **PMGR**

Equivalente / Replace: SZ-847, E90Z11067A, F75U11070AA, **FORD:** E9OZ 11067 A

Partida / Starter: **FORD:** E90F11000AA / BA, E9SF11000AA / BA, F07U11000AAA / ABA, F17U11000AB, F1VU11000AA, 1024508, 1027928, 1057652 / 54 / 61, 1058429, 1063999, 1064000, 1067622, 1073093, 1073108, 1076141, 1085273, 1087280, 1093471, 1104965, 1105310, 1118336, 1120214, 1120215, 1126987, 1133994, 1140110, 1140757, 1151641, 1197912, 1214371, 1218885, 1231963, 1233277, 1237323, 1251700, 1300504, 1351989, 1366986, 1376305, 1379702, 1379703, 1385784, 1386127, 1387062, 1387091, 1387092, 1449615, 1465010, 1465115, 1469721, 1477482, 1480550, 1541002, 3852582, 4078768, 4424968, 4509615, 4520765, 4529404, 4635595, 4742541, 5026497, 5029143, 6775703, 6775704, 7177333, 1L2U-11000AA, 1S4U11000AA, 1S4U11000AB, 1S7U11000AA / AB / AC / AD / AE / AF / BA / BB / BC, 2S6U11000EA / EB / EC / ED / EE, 2S7T11000DA / DB / DC, 2T1411000CB / CC, 3M5T11000AB / AC / AD / AE / DB / DC, 3S7T11000AC / AD, 4M5T11000FA / FB / FC / FD, 6G9N11000AA / BB / EB / EC / FA / JA / JB, 6S4T11000AA, 93BB11000HB / HC / JB / JC / KB / KD, 96BB11000AA / AB, 97BB11000B3D, 97BB11000BB / BC, 97VB11000AA / AB, 98AB11000AC / AD / BB / BC / BD / CB / CC / CD, 98VB11000B3B, E98F11000AA / BA, E9SF11000AB, E9SZ11002A / 2B, F02F11000AA, F07U11000AA / BA, F0CF11000AA / BA, F0OU11000AA, F13U11000AA, F3TU11131AA, F7PU-11000DA, F7PZ11002DA, F7RU11000AA, F7SU11000AA, F87U11000, F87U11000DD, R93BB11000AC, XL1U-11000AA, XS7U11000C4A, XS7U11000CB, YC1U11000AB / AC / AD / AE / AF, YS4U11000AA / AB / BA

Aplicação / Application: **FORD:** B-Max 1.6 TDCi, C-Max 1.8 / 2.0, Ecosport, Ka, Bronco, Courier 1.8 D, Escort V / VI, Explorer, F1000, Fiesta III / IV / V / VI, Focus I / II, Fusion, Galaxy II, Maverick, Mondeo I / II / IV, Mustang, Ranger, Tourneo, Transit, S-Max, **JAGUAR:** X-Type, **MAZDA:** 2, 121 III, Tribute, **VOLVO:** C30 C70 II, S40 II, S60, S80 II, V40 II, V50

Motorcraft Equivalente / Replace

UF - 4.429 Tipo / Type: **PMGR**

Equivalente / Replace:

Partida / Starter: PMGR - (Mancal de acionamento curto / *Noseless Starter*)

Aplicação / Application: **VOLKSWAGEN:** Gol, Parati, Saveiro

Prestolite Equivalente / Replace

UF - 4.413 Tipo / Type: **M93/100, Com Mola**

Equivalente / Replace: K01401 (Delphi / Indiel / Lucas), 352 58 639

Partida / Starter: M93-12V, M100 12 / 24V, 352 58 490, 352 58 540, 352 58 580, 352 58 620, 352 58 660, 352 58 690, 352 58 710, 352 58 880, 352 58 910, 352 58 940, 352 58 950, 352 58 960, 352 58 970, 352 58 980, 352 59 030, 352 59 040, 352 59 050, 352 59 130, 352 59 140, 352 59 150, 352 59 170, 352 59 180, 352 59 210, 352 59 240, 352 59 300, 352 59 310, 352 59 330, 352 59 390, 352 59400, 352 59 430, 352 59 440, 352 59 460, 352 59 570, 352 59 590, 352 59 600, 352 59 620, 352 59 630, 352 59 640, 352 59 650, 352 59 660, 352 59 670, 352 59 680, 352 59 690, 352 59 710, 352 59 720, 352 59 750, 352 59 760, 352 59 770, 352 59 780, 352 59 870, 352 59 880, 352 59 890, 352 59 900, 352 60 828, 352 60 940, 352 60 950, 352 61 000, 352 61 020, 352 61 070, 352 61 120, 352 61 130, 352 61 155, 352 61 175, 352 61 185, 352 61 305, 352 61 355, 352 61 360, 352 61 395, 352 61 425, 352 61 740, 352 61 760, 352 61 770, 352 61 900, 352 62 010, 352 62 020, 352 62 130, 352 62 710

Aplicação / Application: **AGRALE:** 7500, 8000, 8500, 9200, Marruá, Trator 4100 / 4100.4 / 5075 / 5075.4 / 5085 / 5085.4, **CHEVROLET-GM:** Blazer 2.5 (c/ motor Maxion HS 4 cil.), Blazer (c/ motor Cummins 5.9), D20 4.1 (c/ motor Maxion S4 4 cil.) / 4.2 (c/ motor MWM 6 cil.), Grand Blazer 4.2 (c/ motor MWM 6 cil.), S10 2.5 (c/ motor Maxion HS 4 cil.), Silverado 4.2 (c/ motor Maxion S4 4 cil.), Silverado 4.2 (c/ motor MWM 6 cil.), **CUMMINS:** Motor 6BTAA 5.9 / B 5.9 / B eletrônico 5.9, **FIAT:** Ducato 1.9 /2.5 / 2.8 Diesel, **FORD:** Cargo 815 / 1217 / 1416 / 1417 / 1421 / 1617 / 1621 / 1716, F4000, F7000, F12000, F14000, F16000, F100, F100 (c/ motor Cummins 3.9 4 cil.), F100 (c/ motor MWM 6 cil.), F150, F150 (c/ motor Cummins 3.9 4 cil.), F250, F350, F1000 2.5 (c/ motor Maxion HS 4 cil.), F1000 (c/ motor Cummins 3.9 4 cil.), Ranger 2.5 Diesel (c/ motor Maxion HS 4 cil.) / 2.8 Diesel (c/ motor Maxion HS 4 cil.) / 3.0 Diesel, Transit Diesel, B7000, **IVECO:** Daily Turbo Diesel, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450, Trator 7500, **LAND ROVER:** Defender 2.5, Discovery 2.5, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Trator MF250X / MF265 / MF275 / MF283 / MF290 / MF292 / MF297 / MF299 / MF640 / MF650 / MF660 / MF680 / MF5275 / MF5285 / MF5300 / MF5310 / MF5320, **MERCEDES-BENZ:** Sprinter 2.5 (c/ motor Maxion HS 4 cil.), MB180D (c/ motor 4 cil.), O371, OF1215, OF1315, OH1316, OH1318, OH1320, **NEW HOLLAND:** Trator TL65E / TL75E / TL85E / TL95E, **PEUGEOT:** 404 Diesel, 504 Diesel, 505 Diesel, **VOLKSWAGEM:** 710, 8120, 8150, 13150, 13180, 13190, 15180, 15190, 17210, 17250E, 23210, 26250E, B8150, B9150, B16210, B17210, B17240,

Valeo Equivalente / Replace

UF - 4.419 Tipo / Type:

Equivalente / Replace: 233001105R, 186826, 594289

Partida / Starter: D7E- 34, 12V, D7E- 43, 12V27H4.116 FS, 05L5.068 WAL-F, FS10B3, 432685, 438081, 438093, 438110, 438126, 438128, 438129, 438180, 438182, 455722, 455950, 455962, 455974, 726003, 726053, BD7E17, D7E1, D7E11, D7E15, D7E16, D7E19, D7E23, D7E24, D7E33, D7E37

Aplicação / Application: **CHEVROLET-GM:** Celta 1.0 OHC / 1.4 OHC, Corsa 1.0 EFi OHC / 1.0 MPFi OHC / 1.0 MPFi VHC / 1.4 EFi OHC / 1.4 MPFi OHC / 1.6 EFi OHC / 1.6 MPFi OHC, **CITROEN:** Berlingo 1.1i / 1.4 / 1.4i / 1.6i 16V, C2 1.1i / 1.4i / 1.4i 16V / 1.6i 16V, C3 1.1i / 1.4i / 1.4i 16V / 1.4i GNV / 1.6i 16V, C4 1.6i 16V, Nemo 1.4i, Saxo 1.0i / 1.1i / 1.4i / 1.6i / 1.6i 16V, Xsara 1.4i / 1.6i / Picasso 1.6i, **FORD:** Courier 1.0 / 1.6 Zetec RoCam, EcoSport 1.0 Supercharger Zetec RoCam / 1.0 Zetec RoCam / 1.6 Zetec RoCam, Escort 1.6 Zetec RoCam, Fiesta 1.0 Supercharger Zetec RoCam / 1.0 Zetec RoCam, Ka 1.0 / 1.6 Zetec RoCam, **PEUGEOT:** 106 1.0i / 1.1 / 1.1i / 1.4 / 1.4i / 1.6i / 1.6i 16V, 206 1.0 16V / 1.1i / 1.4 / 1.4i / 1.4i 16V / 1.6 / 1.6 16V / 1.6i / 1.6i 16V, 306 1.1i / 1.4 / 1.4i / 1.6i, 307 1.4i / 1.4i 16V / 1.6i / 1.6i 16V, Partner 1.1i / 1.4 / 1.4i / 1.6i 16V, **RENAULT:** Clio 1.0 / 1.0 16V / 1.0i / 1.0i 16V / 1.2i / 1.2i 16V / 1.4i 16V / 1.6 / 1.6 16V / 1.6i / 1.6i 16V, Kangoo 1.0 / 1.0 16V / 1.6 / 1.6 16V, / 1.6i 16V, Logan 1.2 16V / 1.4 MPi / 1.6 MPi / 1.6i / 1.6i 16V, Mégane 1.4i / 1.4i 16V / 1.6 / 1.6 16V / 1.6i 16V, Modus 1.2i 16V / 1.5 dCi, R9 1.6 / 1.7, R11 1.6, R12 1.6, R19 1.6 / 1.8, Sandero 1.4 MPi, Scénic 1.6 / 1.6 16V / 1.6i 16V, Thalia 1.2i 16V / 1.4i / 1.4i 16V / 1.6i 16V, Twingo 1.0 / 1.2 / 1.2i / 1.2i 16V, **VOLKSWAGEN, FIAT :** Stilo e Palio 1.8

Prestolite Equivalente / Replace

UF - 4.412 Tipo / Type: **M74R, Com Mola**

Equivalente / Replace: K01331 (Delphi / Indiel / Lucas), 352 58 191, 352 58 656

Partida / Starter: 352 58 270, 352 58 370, 352 58 400, 352 58 420, 352 58 430, 352 58 460, 352 58 470, 352 58 640, 352 58 720, 352 58 730, 352 58 740, 352 58 760, 352 58 780, 352 58 840, 352 58 850, 352 59 060, 352 59 220, 352 59 250, 352 59 570, 352 59 860, 352 60 890, 352 61 250, 352 61 260, 352 61 295, 352 61 640, 352 61 810

Aplicação / Application: **AGRALE:** Trator 4100 / 4100.4 / 4230 / 4230.4, **CHEVROLET-GM:** C20 4.1, Corsa 1.4 Powertech / 1.6 Powertech, **CITROEN:** Berlingo 1.8, **FIAT:** Duna 1.7 Diesel, Fiorino 1.7 Diesel, Palio 1.7 Turbo Diesel, Siena 1.7 Turbo Diesel, Uno 1.7 Diesel, **FORD:** Courier 1.8 Diesel, Escort 1.6 AP / 1.8 AP / 1.8 Diesel / Zetec, Fiesta 1.8 Diesel, Focus 1.8 Diesel / 2.0 / Zetec, Mondeo Zetec, Ranger 2.3, Verona 1.6 AP / 1.8 AP, **PEUGEOT:** 205 1.6 / 1.9 Diesel, 306 1.6 / 1.9 Diesel, 405 1.6 / 1.9 Diesel, Boxer 1.9 Diesel, Partner 1.6, **RENAULT:** R19 1.7 / 1.9 Diesel, **SEAT:** Inca 1.6 / 1.9D, **VOLKSWAGEM:** Gol 1.6 Diesel / 1.9 Diesel, Golf 1.8, Logus 1.6 / 1.8, Pointer 1.6 / 1.8, Polo 1.9 Diesel, Quantum 1.8 AP / 2.0 AP, Santana 1.8 AP / 2.0 AP, Saveiro 1.6 Diesel / 1.9 Diesel

Prestolite Equivalente / Replace

UF - 4.414 Tipo / Type: **M93/100, Sem Mola**

Equivalente / Replace: K01190 (Delphi / Indiel / Lucas)

Partida / Starter: M93-12V, M100 12/24V

Aplicação / Application: **AGRALE, FORD,CHEVROLET, CUMMINS, VOLKSWAGEM, MERCEDESBENZ, PEUGEOT, JOHN DEERE, MAXION**

Valeo Equivalente / Replace

UF - 4.418 Tipo / Type:

Equivalente / Replace: 556551, 594455

Partida / Starter: D7E56 12V, D7ES6 12V, 2415.198 ED.T, 438179, **VW:** 02t911023Q

Aplicação / Application: **FORD, CHEVROLET-GM:** Corsa, **VOLKSWAGEN:** Bora 1.6 (2002-2005), Fox 1.2 (2005-2010), Fox 1.4 (2005->), Lupo 1.6 GTi (2000-2005), New Beetle 1.4 (2001-2010), Polo 1.2 (2001->), Polo 1.4 (2001-2003), Polo 1.4 16V (2001->), Polo 1.4 FSi (2002->), Fox 1.0L 16V / 1.6L, Gol 1.0L / 1.6L, Golf 1.6L, Polo 1.0L 16V / 1.6L, Polo sedan 1.0L 16V / sedan 1.6L, Saveiro 1.0L / 1.6L, SpaceFox 1.0L / 1.6L, Voyage 1.0L / 1.6L, **AUDI:** A2 1.6 FSi (2002-2005), **SEAT:** Cordoba 1.2 (2002->), Cordoba 1.4 16V (2002->), Cordoba 1.6 (2003->), Ibiza 1.2 (2002->), Ibiza 1.4 16V (2004-2007), Ibiza 1.6 (2003->), **SKODA:** Fabia 1.2 (2001->), Fabia 1.2 Praktik (2003->), Fabia 1.4 16V (1999->), Fabia 1.4 Praktik (2004-2007), **RENAULT:** Sandero

Valeo Equivalente / Replace

UF - 4.423 Tipo / Type:

Equivalente / Replace: 594255, 594259, 594422

Partida / Starter: D6RA65 165, D6RA85 185, 432622, 432631, 432633, 432636, 436060, 436079, 436090, 438014, 455512, 455736, 726001, 726017, D6RA82, D6RA133, D6RA141, D6RA511, D6RA661

Aplicação / Application: **CHEVROLET-GM:** Astra 2.0, Calibra, Corsa, Omega Suprema, Vectra, **CITROEN:** Berlingo 1.8i, BX, Evasion, Jumper, Synergie, Visa 1.6i, Xantia, XM, Xsara, ZX, **FIAT:** Ducato 2.0 / 2.0i, Ulysse, **PEUGEOT:** 205, 305, 306, 309, 405, 406, 605, 806, Boxer 2.0 / 2.0i, Expert 1.8i, Partner 1.8i, **RENAULT:** Clio 1.2i / 1.4i / 1.8 / 1.8i, Espace 2.0i, Express 1.4i, Extra 1.4, Kangoo 1.4i, Laguna 1.8 / 1.8i / 2.0 / 2.0i, Master 2.2i, Mégane 1.4i / 1.6 / 1.6i / 1.9 dTi / 2.0

Valeo Equivalente / Replace

UF - 4.426 Tipo / Type:

Equivalente / Replace: 585598, 594466, 595620

Partida / Starter: 438151, 438166, 438170, 458166, 458185, 458210, D7G3, D7G4, D7G11B, TS22E9B, TS22E20, TS24E6, TS24E7, **VALEO:** D7G11

Aplicação / Application: **BMW:** 118d 16V, 120d 16V, 318d, 320d, 520d 16V, X3 2.0D, **CITROEN:** Berlingo 1.6 HDi / 1.6 HDi 16V, C1 1.4 HDi, C2 1.4 HDi, C3 1.4 HDi / 1.4 HDi 16V / 1.6 HDi 16V / 1.6 HDi 16V Picasso, C4 1.6i 16V / 1.6i Bioflex 16V / 1.6 HDi 16V / 1.6 HDi 16V Picasso, C5 1.6 HDi 16V /.2 HDi 16V, DS3 1.4 HDi / 1.6 HDi, DS4 1.6 HDi, Xsara Picasso 1.6 HDi 16V, **OPEL:** Movano 2.2 DTi 16V / 2.5 CDTi 16V / 2.5 DTi 16V, **PEUGEOT:** 107 1.4 HDi, 206 1.4 HDi, 207 1.4 HDi / 1.6 HDi / HDi 16V, 208 1.4 HDi / 1.6 HDi, 307 1.6 HDi 16V, 308 1.6 HDi 16V, 407 1.6 HDi 16V, 508 1.6 HDi, 1007 1.4 HDi / 1.6 HDi 16V, 3008 1.6 HDi 16V, 5008 1.6 HDi 16V, Bipper 1.4 HDi, Partner 1.6 HDi 16V, **RENAULT:** Master II 2.2 dCi / 2.5 dCi, Master 2.5 / 2.8 2006 diesel eletrônico **TOYOTA:** Aygo 1.4D, **VAUXHALL:** Movano 2.2 DTi 16V / 2.5 CDTi 16V / 2.5 DTi 16V, **VOLKSWAGEN:** Polo VII 1.0i / 1.6i.

Valeo Equivalente / Replace

UF - 4.438 Tipo / Type:

Equivalente / Replace: 595633, 595719

Partida / Starter: **VALEO:** TS12ER15, TS12ER15M, 438243, 438273, 458411, 458431, TS22ER12, TS22ER13, **VOLKSWAGEN:** 2H0911023C, 2H0911023G, 2H0911023A , 2H0911023F, 2H0911023AX, 2H0911023

Aplicação / Application: **VOLKSWAGEN:** Amarok 2.0 Tdi 122 Cv, Amarok 2.0 Bi Turbo TDI 180 Cv, Crafter 2.0 BiTDi

Valeo Equivalente / Replace

UF - 4.439 Tipo / Type:

Equivalente / Replace:

Partida / Starter: 36100 4A200, 1202355, 1206997, **GM:** 24585283

Aplicação / Application: **KIA:** Bongo K2500 TCI, **HYUNDAI:** H-1 2.5 CRDi, Porter Pickup 2.5 CRDi, HR100, **CHEVROLET-GM:** Blazer (2015->), S10 (2015->)

Valeo Equivalente / Replace

UF - 4.430 Tipo / Type: **D7R**

Equivalente / Replace: 594262, 594281, 594390, 594369, 594473

Partida / Starter: 0041518901, 004151890180, 0041519201, 004151920180, 0041519701, 004151970180, 0051511301, 005151130180, 005151130187, 102013, 188839, 432582, 432613 / 30 / 37 / 44 / 66 / 68 / 72 / 74 / 84, 433323, 436044 / 51, 438012 / 13 / 19 / 25 / 30 / 53 / 65 / 68 / 69 / 75 / 76 / 77 / 85 / 88 / 90 / 95 / 96, 438148 / 58 / 62 / 65 / 69 / 86 / 93, 438200 / 01 / 05 / 06, 439638, 455513 / 14 / 48 / 50, 455672 / 87 / 91 / 95 / 98, 455719 / 20 / 27 / 35 / 41 / 45 / 49, 455873 / 95 / 99, 455927 / 28 / 29 / 30 / 43 / 54 / 57 / 59 / 71 / 72, 458041, 458118 / 72 / 78 / 80 / 92, 458249 / 89 / 90, D7R1 / 2 / 3 / 4 / 5 / 7 / 8 / 9 / 11 / 12 / 13 / 14 / 15 / 16 / 18 / 19 / 20 / 22 / 23 / 24 / 25 / 26 / 27 / 28 / 33 / 34 / 35 / 40 / 41 / 42 / 43 / 44 / 46 / 47 / 48 / 49 / 53 / 56 / 57 / 61 / 64 / 70 / 71 / 127 / 151 / 281, D7RP204, D7RS29 / 30 / 31 / 129 / 130 / 131 / 291 / 301, D8R1 / 27 / 28 / 29 / 49, D8R49B, TM000A34101, TM000A36101

Aplicação / Application: **HYUNDAI:** HR, H100, **ALFA ROMEO:** AR8 2.4 D, **AUDI:** A2 1.4 TDi, A3 1.9 TDi, S3 1.8i Turbo 20V, **CITROEN:** AX 1.4 D / 1.5 D, Berlingo 1.4i / 1.6i 16V / 1.8 D / 1.9 D / 2.0 HDi, C4 2.0 HDi 16V / Picasso 1.6 HDi / Picasso 2.0 HDi 16V, C5 2.0 HDi / 2.2 HDi 16V, C6 2.2 HDi 16V, C8 2.0 HDi 16V / 2.2 HDi 16V, C15 1.1 / 1.3, C-Crosser 2.2 HDi 16V 4WD, DS4 2.0 HDi 16V, DS5 2.0 HDi 16V, Evasion 1.8i / 1.9 TD / 2.0 HDi / 2.0 HDi 16V / 2.0i / 2.0i Turbo / 2.1 TD 12V, Jumper 1.9 D / 1.9 TD / 2.0 HDi / 2.5 D / 2.5 TD / 2.5 TDi / II 2.0 HDi, Jumpy (Dispatch) 1.6 HDi 16V / 1.9 D / 1.9 TD / 2.0 HDi / 2.0 HDi 16V, Saxo 1.5 D, Xantia 1.9 D / 1.9 TD / 2.1 TD / 2.1 TD 12V / II 1.9 TD / II 2.0 HDi / II 2.1 TD 12V, XM 2.1 D / 2.1 TD Turbo / 2.5 TD Turbo, Xsara 1.5 D / 1.8 D / 1.9 D / 1.9 TD / 2.0 HDi / Picasso 2.0 HDi, ZX 1.4 D / 1.5 D / 1.8 D / 1.9 D / 1.9 TD, **FIAT:** Ducato 1.9 D / 1.9 TD / 2.0 JTD / 2.0i / 2.3 JTD / 2.5 D / 2.5 TD / 2.8 JTD, Scudo 1.9 D / 1.9 TD / 2.0 JTD / 2.0 JTD 16V, Ulysse 1.9 TD / 2.0 JTD / 2.0 JTD 16V / 2.1 TD, **FORD:** Fiesta IV 1.9 TDi, Focus 1.8 TDi, Galaxy 1.9 TDi / 2.3i 16V / 2.8i VR6, Transit II 2.5 D / III 2.5 D / IV 2.5 D / IV 2.5 TD / V 2.5 D / V 2.5 TD, **IVECO:** Daily I 2.4 D / I 2.4 TD / I 2.5 TD / II 2.5 D / II 2.5 TD / III 2.5 D / III 2.5 TD / III 2.8 D / III 2.8 TD, **KIA:** Bongo K2500 2.5 TCi, **MERCEDES-BENZ:** Sprinter 208 2.2 CDi / 208 2.3 CDi / 209 2.2 CDi / 210 2.9 / 211 2.2 CDi / 213 2.2 CDi / 215 2.2 CDi / 216 2.7 CDi / 308 2.2 CDi / 308 2.3 CDi / 309 2.2 CDi / 311 2.2 CDi / 312 2.9 / 313 Cdi / 315 2.2 CDi / 316 2.7 CDi / 408 2.3 CDi / 410 2.9 / 411 2.2 / 412 2.9 / 416 2.7 CDi / 509 2.2 CDi / 511 2.2 CDi / 515 2.2 CDi / 616 2.7 CDi, 190 2.0 / 2.5 / 2.5 Turbo, Classe C 200 2.0 / 200 2.1 CDi / 200 2.1 CDi 16V / 200 2.2 CDi / 220 2.1 CDi / 220 2.1 CDi 16V / 250 2.5 D / 250 2.5 TD / 270 2.7 CDi, Classe CLC 200 2.1 CDi 16V / 220 2.1 CDi 16V, Classe CLK 220 2.2 CDi 16V / 270 2.7 CDi 20V, Classe E 250 2.5 D / 250 2.5 TD / 270 2.7 CDi 20V / 280 3.2 CDi 24V / 300 2.0 D / 300 3.0 D / 300 3.0 TD / 300 3.0i / 320 3.2 CDi 24V, Classe G 270 2.7 CDi / 300 3.0 TD, Classe S 300 3.0 TD / 320 3.2 CDi / 350 3.5 TD, Classe V 200 2.2 CDi / 220 2.2 CDi / 230 2.3 TD, Classe W124 200 2.0 D / 250 2.5 / 250 2.5 TD Turbo / 300 3.0 D / 300 3.0 TD Turbo, Classe W140 300 3.5 TD, Viano 2.0 CDi / 2.0 CDi 4matic / 2.2 CDi / 2.2 CDi 4matic / 3.7i, Vito 108 2.2 CDi / 110 2.2 CDi / 112 2.2 CDi / 2.2 CDi 16V / 2.3 D / 2.3 TD / 3.7i V6 24V, **MITSUBISHI:** L200, Katana, Carisma 1.9 TD, **NISSAN:** Interstar, Primastar, Primera 1.9 dCi, **OPEL:** Movano 2.2 dTi 16V /.5 CDTi 16V / 2.5 dTi 16V, **PEUGEOT:** 106 1.4 D / 1.5 D, 206 1.9 D / 2.0 HDi, 306 1.8 D / 1.9 D / 1.9 TD / 2.0 HDi, 307 2.0 HDi, 308 2.0 HDi 16V, 405 1.7 D / 1.7 TD / 1.9 D / 1.9 TD, 406 1.9 TD / 2.0 HDi / 2.1 TD, 407 2.0 HDi 16V / 2.2 HDi 16V, 508 2.0 HDi 16V / 2.2 HDi 16V, 605 2.1 D / 2.1 TD Turbo / 2.5 TD, 607 2.0 HDi / 2.2 HDi 16V, 806 1.9 TD / 2.0 HDi / 2.0 HDi 16V / 2.1 TD, 807 2.0 HDi 16V / 2.2 HDi 16V, 3008 2.0 HDi 16V, 4007 2.2 HDi 16V 4WD, 5008 2.0 HDi 16V, Boxer 1.9 D / 1.9 TD / 2.0 HDi, Expert 1.8 D / 1.9 D / 1.9 TD / 2.0 HDi / 2.0 HDi 16V, **RENAULT:** MASTER 2010 -), Clio 1.9 D / II 1.9 dTi / III 1.5 dCi, Espace III 1.9 dTi / III 2.2 dT / IV 1.9 dCi, Express 1.6 D / II 1.6 D / II 1.9 D, Extra 1.6 D / 1.9 D, Kangoo 1.9 D / 1.9 dTi, Laguna 1.9 dCi / 1.9 dTi / 2.2 dT, Master 1.9 dTi / 2.4 D / 2.5 D / 2.5 TD / II 1.9 dCi, Mégane 1.4i / 1.9 D / 1.9 dT / 1.9 dTi, Modus 1.5 dCi, R9 1.6 D, R11 1.6 D, R19 1.7 / 1.7i / 1.8i 16V / 1.9 D / 1.9 TD, R21 1.7 / 1.9 D / 2.0, Safrane 2.2 TD, Scénic 1.9 dTi, Super 5 1.6 D / 1.7, Thalia 1.5 dCi, Trafic 2.5 D, **SEAT:** Alhambra 1.9 TDi, Arosa 1.4 TDi, Cordoba 1.9 D / 1.9 TD / 1.9 TDi, Ibiza 1.9 D / 1.9 TD / 1.9 TDi, Inca 1.7 SDi / 1.9 D / 1.9 SDi, Leon 1.9 SDi / 1.9 TDi, Toledo 1.9 D / 1.9 TD / 1.9 TDi, **SKODA:** Fabia 1.4 TDi / 1.9 SDi / 1.9 TDi, Octavia 1.9 SDi / 1.9 TDi, **SSANGYOUNG:** Musso 2.3 D, **SUZUKI:** Grand Vitara 1.9 DDiS, Vitara 1.9 TD, **VAUXHALL:** Movano 2.2 dTi 16V / 2.5 CDTi 16V / 2.5 DTi 16V, Vivaro 1.9 Di / 1.9 DTi, **VOLKSWAGEN:** Beetle 1.9 TDi, Bora 1.9 SDi / 1.9 TDi / TDI 4Motion / 2.3i V5 20V / 2.3i V5 20V 4Motion, Golf 1.5 D / 1.6 D / 1.6 TD / II 1.6 D / II 1.6 TD / II 1.9 TDi / III 1.9 D / III 1.9 TD / III 1.9 TDi / III 2.8 VR6 / III 2.9i VR6 / IV 1.9 SDi / IV 1.9 TDi / IV 1.9 TDi 4Motion / IV 2.3i VR5 20V / IV 2.3i VR5 20V 4Motion, Jetta 1.6 D / 1.6 TD / II 1.6 D / II 1.6 TD, Passat III 1.9 D / III 1.9 TD / III 2.8i / III 2.8i V6 / III 2.8i VR6 / IV 1.9 TDi / IV 2.8i VR6 / IV 2.9i / IV 2.9i VR6 / V 2.3i VR5 20V / V 2.3i VR5 20V 4Motion, Polo V 1.9 SDi / V 1.9 TDi / VI 1.9 SDi / VI 1.9 TDi / VII 1.9 TDi, Transporter 1.9 D / 1.9 TD / 2.0 / 2.4 D / 2.5 / 2.5 TDi / 2.5i / 2.8i V6 24V / 2.8i VR6, **VOLVO:** 340 1.6 D, 360 1.6 D, S40 1.9 TD / 1.9 TDCi / 1.9 TDi, V40 1.9 TD / 1.9 TDi

Bosch Equivalente / Replace

R - 4.411

Tipo / Type: **DA, DW, DM**

Equivalente / Replace:

Partida / Starter: F 000 AL0 401, 9000081003, 0 001 115 079, 0 001 107 007, 0 001 107 015, 0 001 107 016, 0 001 107 018, 0 001 107 019, 0 001 107 020, 0 001 107 021, 0 001 107 022, 0 001 107 043, 0 001 107 045, 0 001 107 054, 0 001 107 059, 0 001 107 063, 0 001 107 066, 0 001 107 068, 0 001 107 075, 0 001 108 048, 0 001 108 080, 0 001 108 085, 0 001 108 094, 0 001 108 176, 0 001 108 213, 0 001 109 018, 0 001 109 405, 0 001 110 017, 0 001 112 025, 0 001 112 041, 0 001 113 009, 0 001 113 010, 0 001 121 007, 0 001 121 008, 0 001 121 009, 0 001 121 017, 6 004 AA0 020, 9 000 081 001, 9 000 081 004, 9 000 081 005, 9 000 081 006, 9 000 081 007, 9 000 081 008, 9 000 081 009, 9 000 081 010, F 000 AL0 100, F 000 AL0 101, F 000 AL0 102, F 000 AL0 103, F 000 AL0 104, F 000 AL0 300, F 000 AL0 301, F 000 AL0 302, F 000 AL0 304, F 000 AL0 305, F 000 AL0 306, F 000 AL0 309, F 000 AL0 310, F 000 AL0 313, F 010 AL0 301, 0 001 108 115, 0 001 110 072,

Aplicação / Application: **VOLKSWAGEM:** Gol, Parati Geração 2 e 3 com motores 1.0 Mi; 16V e Turbo à partir de Setembro/2001, PARTIDAS DW E DM; Beetle 2.0, Bora 1.6 / 2.0 / 2.0 TotalFlex, Gol 1.8 / 2.0 GTi / II 1.8 Mi / II 1.8i / II 2.0 Mi / II 2.0 Mi 16V / II 2.0i / III 1.6 Mi / III 1.8 Mi / III 2.0 Mi, Golf 1.8 / II 1.8 / III 1.8 / III 2.0 Syncro / IV 1.4 / IV 1.8 / IV 1.8 4Motion / IV 1.8 GTi Turbo / IV 2.0 / IV 2.0i, Logus 1.6 / 1.6i / 1.8 / 1.8i / 2.0 / 2.0 Mi, Parati 1.6 / 1.8 / II 1.8 Mi / II 1.8i / II 2.0 Mi / II 2.0i / II 2.0i 16V / III 1.8 Mi / III 2.0 Mi, Passat 1.8 / 1.8 Turbo / 2.0, Pointer 1.8 / 1.8i / 2.0 / 2.0 Mi, Polo Classic 1.8 Mi, Quantum 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Santana 1.8 Mi / 1.8i / 2.0 Mi / 2.0i, Saveiro 1.8 / II 1.6 Mi / II 1.8 Mi / II 2.0 Mi / III 1.6 Mi / III 1.8 Mi / III 2.0 Mi, Voyage 1.8, **ALFA ROMEO:** Alfa 164 2.0 / 2.0 V6 Turbo / 3.0 V6 12V / 3.0 V6 24V / 3.0i.e., Spider 3.0 V6 12V, **AUDI:** 80 1.8 Quattro / 2.0, A3 1.6 / 1.8 / 1.8T / 3.2, A4 1.8 / 1.8T, A6 2.0, TT Coupé 1.8, **CHEVROLET GM:** Astra 1.8 MPFi / 1.8i / 2.0 MPFi / 2.0i / 2.0i 16V / Sedan 1.8 MPFi / Sedan 1.8i / Sedan 2.0 MPFi / Sedan 2.0i / Sedan 2.0i 16V, Blazer 2.2 EFi, C20 4.1 MPFi / 4.1 Powertech, Ipanema 2.0 MPFi, Kadett 2.0 MPFi, Omega 2.0 MPFi / 2.0i / 2.2 MPFi / 2.2i / 3.0 MPFi / 3.0i / 4.1i / Suprema 2.0 MPFi / Suprema 2.0i / Suprema 2.2 MPFi / Suprema 2.2i / Suprema 3.0 MPFi / Suprema 3.0i / Suprema 4.1i, S10 EFi / MPFi, Silverado 4.1 Powertech, Vectra 2.0 / 2.0 16V / 2.0 GSi 16V / 2.2 MPFi, Zafira 2.0 MPFi / 2.0i SFi 16V, **CITROEN:** Berlingo 1.8i, Evasion 2.0i, Evasion 2.0i Turbo, Jumper 2.0i, Xantia 1.6i / 1.8i / 1.8i 16V / 2.0i / 2.0i 16V / 2.0i Turbo, XM 2.0i 16V / 2.0i 16V Turbo, Xsara 1.8i / 1.8i 16V / 2.0i 16V / Picasso 2.0 16V, ZX 1.8i, **FIAT:** Brava 1.6 MPi 16V / 1.8 MPi 16V, Ducato 2.0 / 2.0i.e., Linea 1.8 16V Flex / 1.9 16V Flex, Marea 1.6 MPi 16V / 1.8 MPi 16V / 2.0 20V / 2.0 MPi 20V / 2.0 MPi 20V Turbo / 2.0i 20V SW / 2.4 MPi 20V / Weekend 1.6 MPi 16V / Weekend 1.8 MPi 16V / Weekend 2.0 MPi 20V / Weekend 2.0 MPi 20V Turbo / Weekend 2.4 MPi 20V, Palio 1.6 16V / Adventure 1.6 MPi 16V / Weekend 1.6 16V / Weekend 1.6 MPi 16V, Siena 1.6 MPi 16V, Strada 1.6 MPi 16V / 1.7 TDS, Tempra 2.0 8V / 2.0 MPI 16V / 2.0 SPi 8V / 2.0i.e. SW / Turbo 2.0 MPi 8V, Tipo 1.8i.e. / 2.0i.e. / 2.0i.e. 16V, Ulysse 1.8i.e. / 2.0i.e. / 2.0i.e. Turbo, **FORD:** Escort 1.6i / 1.8i / 1.8i Zetec / 2.0i, Mondeo 2.0i, Royale 1.8i / 2.0 / 2.0i, Verona 1.8i / 2.0i, Versailles 1.8i / 2.0 / 2.0i, **MERCEDES-BENZ:** Classe A 190, **OPEL:** Astra 2.0i, Calibra 2.0i 16V / 2.0i Turbo, Omega 1.8i / 2.0i / 2.4i / 2.6i / 3.0i / 3.6i, Vectra 2.0i 16V, **PEUGEOT:** 205 1.9i, 306 1.8i / 1.8i 16V / 1.9D / 2.0i / 2.0i 16V, 405 1.6i / 1.8i / 1.9D / 2.0i, 605 2.0i 16V, 806 2.0i / 2.0i Turbo, Partner 1.8i, **SEAT:** Alhambra 1.8 Turbo / 2.0 CityGolf 1.6, Cordoba 1.6 / 1.8 / 1.8 16V / 2.0, Ibiza 1.8, Inca 1.6i EFi, Vario 1.6, **TOYOTA:** Corolla 1.6i 16V / Hatchback 1.6i 16V / Sedan 1.6i 16V / 1.8i 16V, **BMW:** 530i 3.0 (1992-1995), 530i Touring 3.0 (1992-1996), 535i 3.5 (1996-2003), 540i 4.0 (1992-1995), 540i 4.4 (1996-2003), 540i 4.0 Touring (1993-1996), 540i Touring 4.4 (1997-2004), 730i/iL 3.0 (1991-1996), 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003)

Aplicação / Application: **UF-4.411**

Bosch Equivalente / Replace

R - 4.415

Tipo / Type: **DW, DM**

Equivalente / Replace:

Partida / Starter: 0 001 218 159, 0 001 218 168, 0 001 218 174, 6 033 AB1 J00, 9 000 331 419, 9 000 331 432, 9 000 331 433

Aplicação / Application: **CHEVROLET - GM, NISSAN, TROLLER, FIAT:** Ducato 2.5 D / 2.5 TD, **FORD:** F250, **IVECO:** Daily 10 / 35-12, **LAND ROVER:** Defender 2.5 Turbo Diesel, Discovery 2.5 TDi, Range Rover 2.5 TDi, **MARCOPOLO:** Volare, **MERCEDES-BENZ:** Sprinter 310 D / 312 D / 412 D, **PEUGEOT:** Boxer 2.8 Diesel

Aplicação / Application: **UF-4.415**

Bosch Equivalente / Replace

R - 4.416

Tipo / Type: **EV**

Equivalente / Replace:

Partida / Starter: 0 001 223 505, 0 001 223 003, 0 001 223 010, 0 001 231 003, F 002 G20 904, F 042 002 135, BC45-11001-BA, 0 001 230 007, 0 001 230 011, 0 001 230 023, 0 001 230 030, 0 001 231 002, 0 001 231 033, 0 001 223 504, 0 001 241 001, 0 001 260 026, 0 001 261 002, 0 001 261 026, 0 001 262 006, 0 001 262 034, 0 001 263 047

Aplicação / Application: **CASE (máquinas):** Trator JX90, **FORD (caminhões):** Cargo 1317 / 1517 / 1717 / 1722 / 2422 / 2428 / 2622 / 2623 / 2629 / 816 / 1119 / 1319 / 1519 / 1719 / 1729 / 1723 / 2423 / 2429 / 2623 / 2629 / 1317 / 1517 / 1717 / 1722 / 2422 / 2626 / 2628 / 2622 / 2626, MOTOR CUMMINS ELETRÔNICO 24V MOTOR ISC 4.5L E 6.7L (→2010), F4000, F12000, F14000, F16000, **FORD (carros):** F250, F350, **IVECO (caminhões):** Daily 35 C9 / C11 / C13 / S9 / S11 / S13, **MASSEY FERGUSON (máquinas):** Colheitadeira MF9690ATR, **MERCEDES-BENZ (caminhões):** 712 C, 814 LO, 914 C, 914 LO, 915 E, 1117, 1215 C, 1218 L, 1317, 1418 L, 1520, 1618 L, 1618 M, 1622 L, 1718 M, 1728, 2423, 2428, Accelo 915 C, Atego 1315 / 1418 / 1518 / 1718 / 1725 / 2425, Axor 1933 / 2533, Unimog U500 / U2150, **MERCEDES-BENZ (ônibus):** O500 M / R / U, O530 (Citaro), O915 L, OF1417, OF1418, OF1722, OH1418, **NEW HOLLAND (máquinas):** Trator TL70 / TL80 / TL90 / TL100, **SCANIA (caminhões):** G380, G420, P230, P270, P310, P340, P380, P420, P470, R230, R270, R310, R340, R380, R420, R470, R480, T340, T380, T420, T470, **SCANIA (ônibus):** K270, K310, K340, K380, K420, L94, **FIAT:** Ducato

Aplicação / Application: **UF-4.416**

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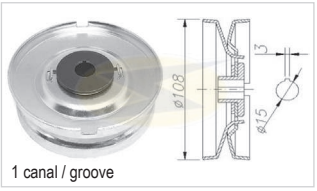
Bosch Equivalente / Replace — UF - 3.301

Equivalente / Replace: 4 090 031 095



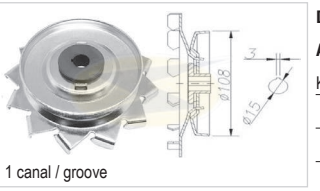
1 canal / groove

Dínamo / Dynamo: **WAPSA**

Aplicação / Application: **VOLKSWAGEN:** Sedan, Brasília e Kombi

Bosch Equivalente / Replace — UF - 3.302

Equivalente / Replace: 4 090 031 096



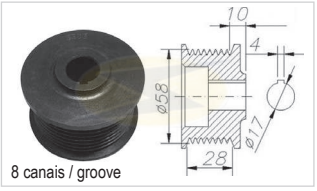
1 canal / groove

Dínamo / Dynamo: **WAPSA**

Aplicação / Application: **VOLKSWAGEN:** Sedan, Brasília e Kombi

Bosch Equivalente / Replace — UF - 3.303

Equivalente / Replace: 404 053, 404 059, 9 121 450 566, 9 121 450 940



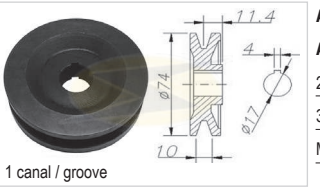
8 canais / groove

Alternador / Alternator: **WAPSA:** 9 121 450 014

Aplicação / Application: **VOLKSWAGEN:** Caminhões 13210 / 15210 / 22210 - C/ Motor / W/ Engine Cummins, Série C Exportação, Caminhões 16170 / 14170 / 16210 - C/ Cummins / W/ Engine Série C, 14210 / 22210 C/ Cummins Série C.

Bosch Equivalente / Replace — UF - 3.304

Equivalente / Replace: 465 145



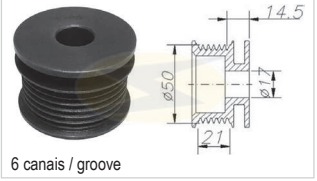
1 canal / groove

Alternador / Alternator: **WAPSA:** 9 120 080 114

Aplicação / Application: **VOLVO:** Caminhões E Ônibus, N10 258 / 270 / 275 / 290 / 300, N12 330 / 385, NL10 280 / 300 / 310 / 340, NL12 360 / 380 / 400 / 410, B7 R, B10 M, B12, B58 E

Bosch Equivalente / Replace — UF - 3.305

Equivalente / Replace: 1 126 601 524



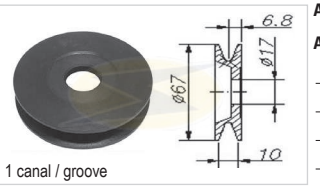
6 canais / groove

Alternador / Alternator: 0 120 335 010, 0120 485 046, 0 123 310 001, 0 123 310 002, 0 123 310 007, 0 123 310 019, 0 123 310 020, 0 123 315 001, 0 123 315 002, 0 123 320 001, 0 123 320 002, 0 123 320 003, 0 123 320 006, 0 123 320 007, 0 123 320 009, 0 123 325 005, 0 123 340 001, 0 123 340 002, 0 123 340 003, 0 123 505 005, 0 123 505 011, 0 123 510 001, 0 123 510 006, 0 123 510 008, 0 123 510 009, 0 123 510 054, 0 123 515 011, 0 123 515 014, 0 123 540 001, 0 124 325 043, 0 124 325 061, 9 120 080 502

Aplicação / Application: **AUDI:** Cabrio 1.9 Tdi, 801.9 Tdi, A6 1.9 Tdi, **FORD:** Galaxi 1.9 Tdi, **MERCEDES-BENZ:** C180t 1.8, Alternador Kc (R) 14v 90a, **SEAT:** Alhambra 2.0 / 1.9, Arosa 1.0 / 1.4, City Golf 1.6, Cordoba 1.0 / 1.4 / 1.6 / 1.8 / 1.9 / 2.0, Ibiza 1.9 / 1.8 / 1.6 / 1.4 / 2.0, Inca 1.4 / 1.6 / 1.9, Toledo 2.0 / 1.9 / 1.8 / 1.6, **SKODA:** Felicia 1.6 Mpfi, Pick-Up 1.6 Mpfi, **VOLKSWAGEN:** California 1.9 / 2.5 / 2.0, Caddy 1.4 / 1.6 / 1.6, Pick-Up / 1.9 Sdi, Caravelle 1.9 / 2.5 / 2.0 / 1.9 Turbo, Corrado 2.0, Eurovan 2.5, Gol 1.0 Mi, Golf Cabriolet 1.9 / 1.8 / 1.6 / 2.0 / 1.9 Tdi, Golf Iii 1.4 / 1.6 / 1.8 / 1.9 / 2.0 / Tdi / Variant / Syncro / Turbo, Jetta 1.8 / 1.9 / 2.0 Tdi, Multivan 1.9 / 2.0 / D / Turbo, Parati 1.0 Mi 16v (1996→1997), Passat 1.6 / 1.8 / 1.9 / 2.0 / D / Syncro / Tdi, Polo 1.0 / 1.3 / 1.4 / 1.6 / 1.8 / 1.9 / Classic / 1.05, Polo Variant 1.4 / 1.6 / 1.9 / Tdi / Classic, Sharan 1.9 / 2.0 / Tdi, Transporter 1.9 / 2.0 / 2.5 / Syncro, Vento 1.4 / 1.6 / 1.8 / 1.9 / 2.0/ Sdi / Tdi / Turbo

Bosch Equivalente / Replace — UF - 3.307

Equivalente / Replace: 9 123 080 009



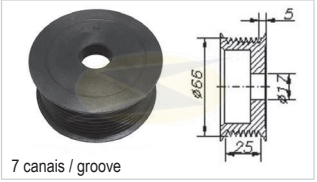
1 canal / groove

Alternador / Alternator: 9 120 080 500, F 000 LD0 500

Aplicação / Application: **CHEVROLET-GM:** Corsa 1.0

Bosch Equivalente / Replace — UF - 3.306

Equivalente / Replace: 9 123 080 070, F 000 LD1 371



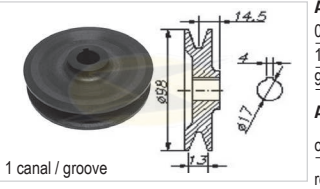
7 canais / groove

Alternador / Alternator: 9 000 083 068, 9 120 080 212, 9 120 080 226, 9 120 080 230, F 000 LD0 100, F 000 LD0 102, F 000 LD0 114, F 000 LD0 115, F 000 LD0 109, F 000 LD0 112, F 000 LD0 116, F 000 LD0 119, F 000 LD0 120

Aplicação / Application: **CHEVROLET-GM:** S10 2.5 C/ Motor Maxion, Alternador K1 (R) 14v 30, 85a, Blazer 2.5 **FORD:** F1000 Hsd 2.5 C/ Motor / W/ Engine Maxion, F1000 T 4.0, Ranger 2.5 C/ Motor / W/ Engine Mwm Alternador K1 (R) 14v 28 70a, Ranger 2.5 / 2.8 Diesel **MERCEDES-BENZ:** Sprinter 2.5, Ano (09/1996) C/ Motor / W/ Motor Om 014a, Alternador K1(R) 14v 30, 85ª, Sprinter 310 D / 312 D / 412 D

Bosch Equivalente / Replace — UF - 3.308

Equivalente / Replace: 9 121 080 137



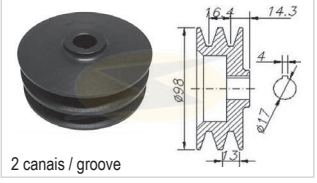
1 canal / groove

Alternador / Alternator: 9 120 080 020, 9 120 080 058, 9 120 080 084, 9 120 080 101, 9 120 080 104, 9 120 080 112, 9 120 080 126, 9 120 080 159, 9 120 080 166, 9 120 080 181, 9 120 080 183

Aplicação / Application: **AGRALE-DEUTZ:** Caminhões / Trucks - Tx1600, Tratores - 4200 / 440 / 4400, **CASE:** Pá Carregadeira - W18 / W20, **CBT:** Tratores - 1065 / 1105 / 2080 / 2105 / 2600, **CLARK:** Pá Carregadeira - Michigan 55a / 65r / 75iii, **KOMATSU:** Trator Esteira D30e / D50a / D50p, **MASSEY-FERGUSON:** Colheitadeira MF1630, Trator MF235 / MF265 / MF265/4 / MF272 / MF275 / MF275/4 / MF283 / MF290 / MF290/4 / MF292 Turbo / MF292/4 Turbo / MF295/4, Combine, Motor Industrial, **MAXION:** Trator 9110 / 9130, **MERCEDES-BENZ:** Caminhão 608 L / 610 L / 708 L / 1111 L / 1113 L / 1113 LA / 1114 L / 1118 L / 1313 L / 1313 LA / 1313 LS / 1314 LA / 1316 L / 1316 LA / 1317 L / 1318 L / 1319 L / 1419 L / 1513 L / 1513 LA / 1516 L / 1518 L / 1518 LS / 1519 L / 1520 L / 1520 LA / 1525 L / 1525 LS / 1625 LS / 1630 LS / 1924 L / 1924 LS / 1929 LS / 1932 LS / 1933 LS / 1934 LS / 1935 LS / 1941 LS / 2013 L / 2013 LA / 2014 L / 2016 L / 2019 L / 2020 L / 2213 L / 2213 LA / 2214 L / 2215 LK / 2216 L / 2217 L / 2218 LB / 2218 LK / 2219 L / 2219 LK / 2220 L / 2624 L / 2635 L, Ônibus O370 R / O370 RS / O370 RSD / O371 R / O371 RS / O371 RSD / OF1318 / OH1315 G / OH1318 / OH1520, Caminhões / Trucks, Micro-Ônibus, Ônibus, Chassi P/ Ônibus, Motores Industrial E Marítimo Série Om, **TOYOTA:** Bandeirante 4x4, **YANMAR:** Trator 1030 / 1040 / 1050

Bosch Equivalente / Replace — UF - 3.309

Equivalente / Replace: 9 121 080 151



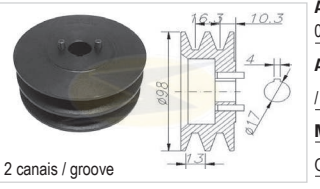
2 canais / groove

Alternador / Alternator: 9 120 080 022, 9 120 080 091, 9 120 080 102, 9 120 080 119, 9 120 080 140, 9 120 080 160, 9 120 080 183, 9 120 080 126

Aplicação / Application: **MASSEY FERGUSON:** Colheitadeira MF1630 / MF5650 / MF5650 Turbo, Trator MF296 / MF296/4 / MF297 / MF297/4 / MF299 / MF299/4, **MAXION:** Trator 9110 / 9130, **MERCEDES-BENZ:** Caminhão 709 / 710 / 712 / 809 LO / 812 LO / 814 LO / 912 / 914 / 1113 L / 1114 L / 1313 L / 1313 LA / 1316 L / 1316 LA / 1419 L / 1513 L / 1513 LA / 1516 L / 1519 L / 1525 L / 2013 L / 2019 L / 2213 L / 2213 LA / 2216 L / 2219 L / 2635

Bosch Equivalente / Replace — UF - 3.310

Equivalente / Replace: 9 121 080 179

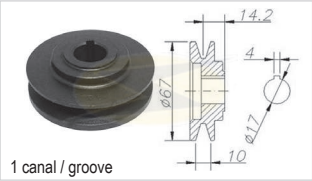


2 canais / groove

Alternador / Alternator: 9 120 080 031, 9 120 080 083, 9 120 080 113, 9 120 080 182

Aplicação / Application: **MASSEY-FERGUSON:** Colheitadeira / Combine - Mf 5650, **MAXION:** Trator 9150 / 9170 Perkins, **MERCEDES-BENZ:** Chassi P/ Ônibus -Of1113 / 1313 / 1316, Oh 1113 / 1313 / 1316 / 1318 / 1419 / 1517, Ônibus - O364 / O365, Caminhão 610 L / 1013 L / 1113 L / 1113 La / 1113 Lpo / 1114 L / 1116 L / 1117 L / 1117 La / 1214 L / 1219 Lp / 1313 L / 1313 La / 1316 L / 1317 L / 1319 L / 1320 L / 1414 L / 1418 L / 1419 Lp / 1516 L / 1517 L / 1520 L / 1520 La / 1525 L / 1618 L / 1621 L / 1825 Lg / 2020 L / 2215 Lk, Ônibus O355 / Of1114 / Of1314 / Oh355 / Oh1314

Bosch Equivalente / Replace



1 canal / groove

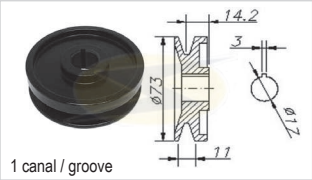
UF - 3.315

Equivalente / Replace: 9 121 080 897

Alternador / Alternator: 9 120 080 096, 9 120 080 098, 9 120 080 169

Aplicação / Application: **CHEVROLET-GM:** Monza 1.6 / 1.8 / 2.0 / 2.0i.

Bosch Equivalente / Replace



1 canal / groove

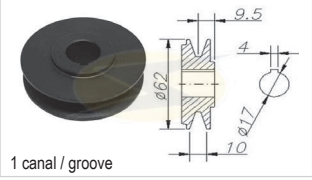
UF - 3.319

Equivalente / Replace: 404 025, 9 121 450 510

Alternador / Alternator: **WAPSA:** 9 120 450 044, 9 120 450 071

Aplicação / Application: **AGRALE:** Motor Estacionário - M790, Tratores - T4100 / T4200, **FORD:** Caminhões / Trucks - F100 / F350 / F600 À Gasolina, Belina Ii, Corcel Ii, Del Rey, Galaxie, Jeep, Landau, Ltd, Maverick, Pampa, Pic k-Up, Rural, Scala

Bosch Equivalente / Replace



1 canal / groove

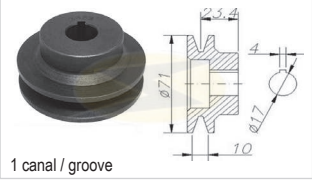
UF - 3.321

Equivalente / Replace: 404 043, 9 121 450 502

Alternador / Alternator: **WAPSA:** 9 120 450 018, 9 120 450 084, 9 120 450 088, 9 120 450 502

Aplicação / Application: **FORD:** Del Rey - C/ Ar Condicionado, Escort - Ghia / Gl / Gls / Xr3 - Todos / All (→07/1986)

Bosch Equivalente / Replace



1 canal / groove

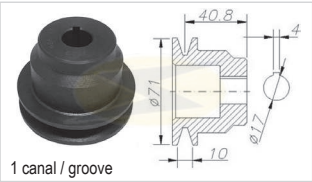
UF - 3.323

Equivalente / Replace: 9 121 080 808

Alternador / Alternator: 9 120 080 089, 9 120 080 120, 9 120 080 221, 9 120 080 056

Aplicação / Application: **FIAT:** 147 1050 / 1300 / C / Europa / Fiorino (→09/1979), Fiorino1300 / Pick-Up 1050 / Pick-Up 1300 / Pick-Up City 1300 / Rallye 1300, Elba 1.3 / 1.5, Fiorino furgão 1.0 / 1.3 / 1.5 / 1.0 / 1.3 / 1.5, Oggi 1050 / 1300, Panorama 1050 / 1300, Prêmio 1.3 / 1.5, Spazio 1.3, Uno 1050 / 1300 / 1.3 / 1.5 / Mille 1.0 / Mille Eletronic 1.0

Bosch Equivalente / Replace



1 canal / groove

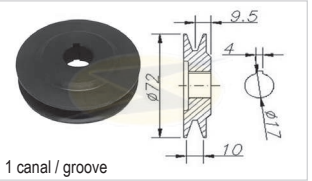
UF - 3.325

Equivalente / Replace: 1 126 600 488, 9 121 080 743

Alternador / Alternator: 0 120 468 082, 0 120 468 083, 0 120 469 586, 0 120 469 599, 0 120 469 633, 0 120 469 676, 0 120 469 677, 0 120 469 690, 0 120 469 698, 0 120 469 714, 0 120 469 719, 0 120 469 724, 0 120 469 729, 0 120 469 739, 0 120 469 813, 0 120 469 814, 0 120 469 833, 0 120 469 834, 0 120 469 873, 0 120 469 885, 0 120 469 971, 0 120 469 972, 0 120 489 003, 0 120 489 009, 0 120 489 013, 0 120 489 017, 0 120 489 081, 0 120 489 082, 0 120 489 083, 0 120 489 196, 0 120 489 198, 0 120 489 199, 0 120 489 228, 0 120 489 229, 0 120 489 246, 0 120 489 247, 0 120 489 248, 0 120 489 249, 0 120 489 361, 0 120 489 363, 0 120 489 365, 0 120 489 368, 0 120 489 370, 0 120 489 433, 0 120 489 435, 0 120 489 495, 0 120 489 496, 0 120 489 499, 0 120 489 532, 0 120 489 535, 0 120 489 581, 0 120 489 614, 0 120 489 622, 0 120 489 655, 0 120 489 657, 0 120 489 699, 0 120 489 714, 0 120 489 732, 0 120 489 747, 0 120 489 755, 0 120 489 772, 0 120 489 774, 0 120 489 800, 0 120 489 813, 0 120 489 814, 0 120 489 815, 0 120 489 817, 0 120 489 821, 0 120 489 860, 0 120 489 864, 0 120 489 866, 0 120 489 873, 0 120 489 893, 0 120 489 960, 0 120 489 961, 0 120 489 967, 0 120 489 975, 0 120 489 981, 9 120 080 093, 9 120 080 095, 9 120 080 099, 9 120 080 100, 9 120 080 108, 9 120 080 115, 9 120 080 116, 9 120 080 118, 9 120 080 127, 9 120 080 129, 9 120 080 131, 9 120 080 152, 9 120 080 161, 9 120 080 167, 9 120 080 175, 9 120 080 176, 9 120 080 177, 9 120 080 178

Aplicação / Application: **AUDI:** 80 2.0, **FORD:** F11000, F12000, Belina II 1.8, Del Rey 1.8, Escort 1.6i / 1.8 / 1.8i / 2.0 / 2.0i XR3, Pampa 1.6 / 1.8 / 1.8i, Royale 1.8 / 1.8i / 2.0 / 2.0i, Verona 1.8 / 1.8i / 2.0 / 2.0i, Versailles 1.8 / 1.8i / 2.0 / 2.0i, **GURGEL:** Carajás 1.8, **VOLKSWAGEN:** Apollo 1.8, Logus 1.6i / 1.8 / 1.8i / 2.0 / 2.0i, Pointer 1.8 / 1.8i / 2.0 / 2.0i, Saveiro 1.6 / 1.6 D / 1.8, Voyage 1.5 / 1.6 / 1.8, Gol - Cl / Gl / Gt / Gti / Gts / Kombi - 1.6 A Diesel, Parati - Cl / Gl / Gls, Passat - 1.5 / 1.6 / Gts 1.8, Quantum - Cl / Gl / Gls, Santana - Cl / Gl / Ls

Bosch Equivalente / Replace



1 canal / groove

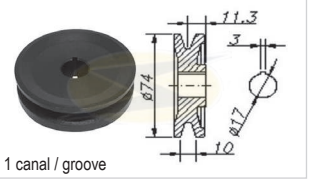
UF - 3.318

Equivalente / Replace: 404 049, 9 121 450 506

Alternador / Alternator: **WAPSA:** 9 120 450 086, 9 120 450 087, 9 120 450 089, 9 120 450 125, 9 120 450 126, 9 120 450 506

Aplicação / Application: **FORD:** Del Rey - C/ Ar Condicionado E Direção Hidráulica Até (06/1987) (14v 55a), Escort - Todos / All

Bosch Equivalente / Replace



1 canal / groove

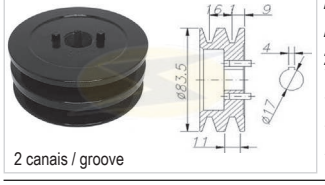
UF - 3.320

Equivalente / Replace: 404 019, 9 121 450 490

Alternador / Alternator: **WAPSA:** 9 120 450 076, 9 120 450 077, 9 120 450 116, 9 120 450 118

Aplicação / Application: **FORD:** Caminhões / Trucks - F1000 / F11000 / F13000 / F14000 / F19000 / F2000 / F22000 / F4000 - Todos C/ Motor / W/ Engine Mwm 4 E 6 Cil

Bosch Equivalente / Replace



2 canais / groove

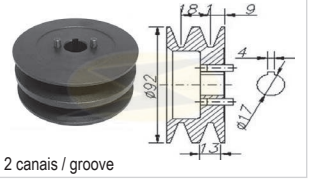
UF - 3.322

Equivalente / Replace: 9 121 080 254

Alternador / Alternator: 9 120 080 040

Aplicação / Application: **FIAT:** Caminhões / Trucks - 180 / 210cm (→11/1975)

Bosch Equivalente / Replace



2 canais / groove

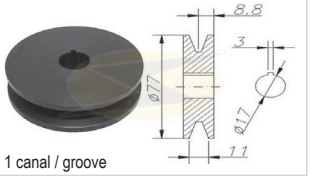
UF - 3.324

Equivalente / Replace: 9 121 080 127

Alternador / Alternator: 9 120 080 062, 9 120 080 144

Aplicação / Application: **MASSEY-FERGUSON:** Trator / Trator - Mf4780 C/ Motor / W/ Engine Scania Dn 11, **SCANIA:** Caminhões / Trucks - L140 / LS140 / R112 / L110 / 111 / Lk140 / 141 / Lks140 / 141 / Ls110 / 111 / Lt110 / 111 / Lts110 / 111 / T112m, Ônibus - B111 / B1115, BR116

Bosch Equivalente / Replace



1 canal / groove

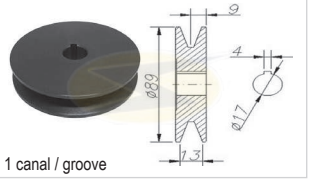
UF - 3.326

Equivalente / Replace: 404 023, 9 121 450 492

Alternador / Alternator: **WAPSA**

Aplicação / Application: **VOLKSWAGEN:** Caminhões / Trucks E11 / E13 / E21 / Vw 6.140 - A Álcool, **DODGE:** Caminhões / Trucks - D100 / D400 / D700 / D900, Charger / Dart Se / Gran Group / Rt / Sedan

Bosch Equivalente / Replace



1 canal / groove

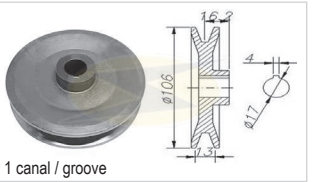
UF - 3.327

Equivalente / Replace: 404 026, 9 121 450 499

Alternador / Alternator: **WAPSA:** 9 120 450 130

Aplicação / Application: **FORD:** Tratores 4610 / 5610 / 6610 / 7610 e outros, **NEW HOLLAND:** Trator 4600 / 5600 / 6600

Bosch Equivalente / Replace



1 canal / groove

UF - 3.328

Equivalente / Replace: 9 101 080 024

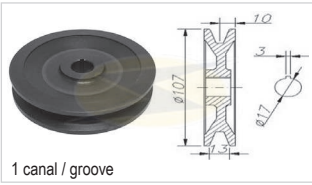
Dínamo / Dynamo: **WAPSA**

Aplicação / Application: **MASSEY-FERGUSSON:** Tratores / Tractors MF50X, MF55X, MF65R, MF65X, MF85X, MF95, MF95I

Bosch Equivalente / Replace

UF - 3.329

Equivalente / Replace: 116019



1 canal / groove

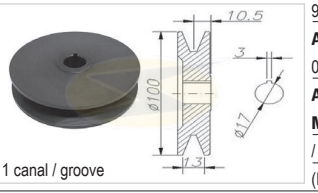
Alternador / Alternator: **WAPSA**

Aplicação / Application: **MASSEY-FERGUSSON:** Colheitadeira / Combine MF220, Tratores MF235, MF250, MF252, MF265, MF275, MF285, MF290, MF50X, MF55X, MF65X, MF95I, MF95X

Bosch Equivalente / Replace

UF - 3.330

Equivalente / Replace: 404 029, 9 121 450 494



1 canal / groove

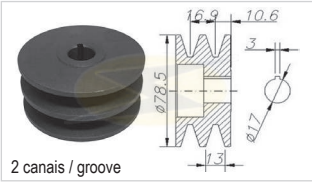
Alternador / Alternator: **WAPSA:** 9 120 450 052, 9 120 450 058, 9 120 450 494, 9 120 450 990

Aplicação / Application: **CLARK:** Pá-Carreg. Mini Bob Cat, **MASSEY-FERGUSON:** Tratores / Tractors - Mf235 / Mf250 / Mf265 / Mf275 / Mf285 / Mf290 / Mf290 (Álcool) / Mf290ra (Mot. Perkins Ae-4.236) / Mf85x / Mf95x - Tds C/ Alt. Wapsa (07/1978→), **MERCEDES BENZ:** Caminhões / Trucks, Micro-Ônibus, Motor Marítimo, Ônibus-Tds C/ Motores / W/ Engine Om 314 / 321 / 326 / 352 / 352a / 355-6 / 355-S, Caminhão 1111 L

Bosch Equivalente / Replace

UF - 3.331

Equivalente / Replace: 404 037, 9 121 450 500



2 canais / groove

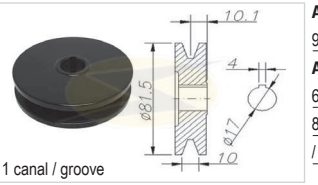
Alternador / Alternator: **WAPSA:** 9 120 450 053

Aplicação / Application: **MASSEY-FERGUSSON:** Tratores / Tractors - MF265 / MF270 / MF296, Colheitadeira MF5650 Turbo

Bosch Equivalente / Replace

UF - 3.332

Equivalente / Replace: 9 121 080 399



1 canal / groove

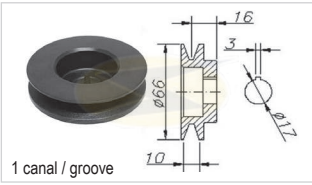
Alternador / Alternator: 9 120 080 045, 9 120 080 057, 9 120 080 107

Aplicação / Application: **VALMET:** Trator / Tractor - 110ID / 621D / 651D / 851D / 118 / 138/4 / 88 / 68, **CASE:** Escavadeira 80 CR / P, **CBT:** Trator 8440, **MWM:** Motor D225-3 / D225-4 / D225-6 / D229-3 / D229-4 / D229-6 / TD229-4 / TD229-6

Bosch Equivalente / Replace

UF - 3.336

Equivalente / Replace: 9 122 080 236



1 canal / groove

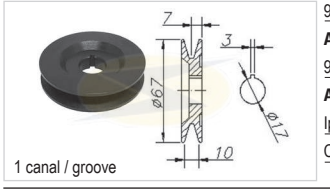
Alternador / Alternator: 9 120 080 153

Aplicação / Application: **FIAT:** Fiorino 1.6, Elba - 1.6, Prêmio - 14v 22, 55a, Uno - 14v 23, 55a

Bosch Equivalente / Replace

UF - 3.337

Equivalente / Replace: 9 122 080 702, 9 122 080 703



1 canal / groove

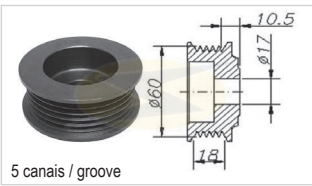
Alternador / Alternator: 9 120 080 169, 9 120 080 180, 9 120 080 203

Aplicação / Application: **CHEVROLET-GM:** Blazer 2.2, Ipanema 1.8 / 2.0 / GS, S10 2.2 / 2.4, Kadett 1.8 / 2.0 C/ Ar Condicionado GS 2.0, Monza 1.8 / 2.0 / 2.0i

Bosch Equivalente / Replace

UF - 3.338

Equivalente / Replace: 9 122 080 409



5 canais / groove

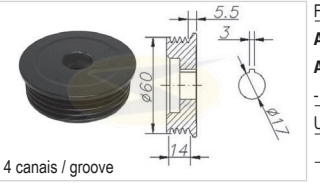
Alternador / Alternator: 9 120 080 168, 9 120 080 172

Aplicação / Application: **CHEVROLET-GM:** Blazer 2.2 / 2.4, Ipanema 2.0, 1.8 C/ Ar Condicionado / GS, Kadett 1.8 / 2.0, GS / GSi, S10 2.2 / 2.4, Monza 1.8 / 2.0, Classic Mpfi, S10 2.2 / 2.4, Vectra 2.2.

Bosch Equivalente / Replace

UF - 3.339

Equivalente / Replace: 9 122 080 693, F 000 LD1 687



4 canais / groove

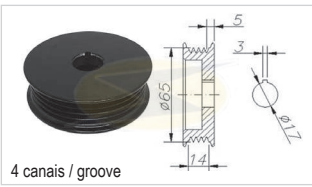
Alternador / Alternator: 9 120 080 165

Aplicação / Application: **FIAT:** Duna 1.6 SPi, Fiorino 1.6, Elba - 1.6, Álcool / Gasolina, Com Ar Condicionado, Prêmio 1.6, Uno 1.6r / Mpi, Mille ELX / EP / SX

Bosch Equivalente / Replace

UF - 3.341

Equivalente / Replace: 9 122 080 420



4 canais / groove

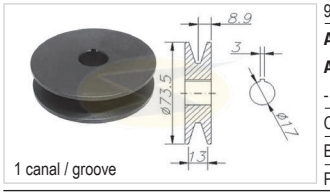
Alternador / Alternator: 9 120 080 170, 9 120 080 171

Aplicação / Application: **CHEVROLET-GM:** Ipanema 1.8 C/ Ar Condicionado, Kadett 1.8 / 2.0, Monza - Classic Mpfi, **FIAT:** Tempra 2000 16v 2.0i Turbo - Série Ouro / Prata

Bosch Equivalente / Replace

UF - 3.342

Equivalente / Replace: 404 001, 9 121 450 488



1 canal / groove

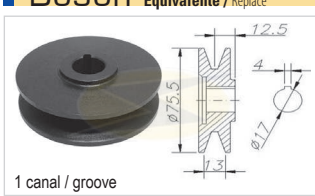
Alternador / Alternator: **WAPSA:** 9 120 450 098

Aplicação / Application: **CLARK:** Empilhad. Cfy20 / Cfy25 - C/ Motor / W/ Engine Perkins 6 Cil., Empilhad. Chy100 / Chy120 / Chy140 / Chy60 / Chy70 / Chy80, Mini Pá Carreg. Bob Cat, **FORD:** Aero Willys E Itamaraty - (1973→), Jeep, Pick-Up, Rural - 6 Cil - (1973→)

Bosch Equivalente / Replace

UF - 3.343

Equivalente / Replace: 9 121 080 286



1 canal / groove

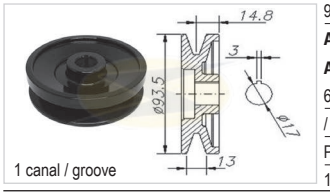
Alternador / Alternator: 9 120 080 054, 9 120 080 107

Aplicação / Application: **AGRALE:** Caminhão 1100 TX / 8000 TDX / 8500 TDX, Tratores - 4200 / 4300 / 440 / 4400 - Todos Até (08/1985), **TOYOTA:** Utilitário Bandeirante - (Mbb-Om314) (→12/1987), **YANMAR:** Micro Trator - Ns11, Motor Bt 83 / 22 (→12/1986), Motor BT33 / BTD22 / BTD33

Bosch Equivalente / Replace

UF - 3.344

Equivalente / Replace: 404 066, 9 121 450 487



1 canal / groove

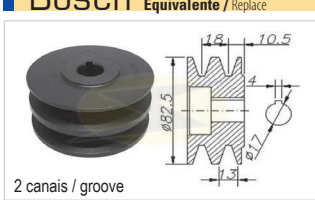
Alternador / Alternator: **WAPSA:** 9 120 450 112, 9 120 450 991

Aplicação / Application: **CLARK:** Pá Carregadeira Michigan - 65r / 75a / 75ii / 75iii, **FORD:** Caminhões / Trucks - F11000 / F12000 / F13000 / F600 / F750 C/ Motor / W/ Engine Perkins 4 E 6 Cil., **HYSTER:** Empilhadeira / Forklift - 110j / 130j / 150j - Todos C/ Motor / All W/ Engines Perkins 4236

Bosch Equivalente / Replace

UF - 3.346

Equivalente / Replace: 404 055, 9 121 450 898



2 canais / groove

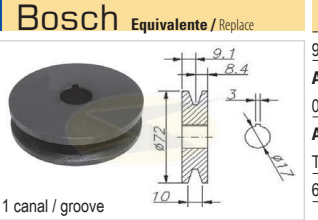
Alternador / Alternator: 9 120 450 005, 9 120 450 006, 9 120 450 124

Aplicação / Application: **FORD:** Cargo - 1113 / 1114 /1117 / 1215 / 1218 / 1313 / 1314 / 1317 / 1415 / 1418 / 1419 / 1514 / 1517 / 1615 / 1618 / 1619 / 2215 / 2218 / 2319 / 35300 / 3224 / F6000 / F7000 / FTO - TC / HTA / NA / TC / TCA / TCP, **NEW HOLLAND:** FTO-TCP / T-Série TF42/ TR86 / 96 / TX30 / TX32 / 34 / 36, **WILLYS OVERLAND:** Rural

Bosch Equivalente / Replace

UF - 3.347

Equivalente / Replace: 404 036, 9 121 450 496

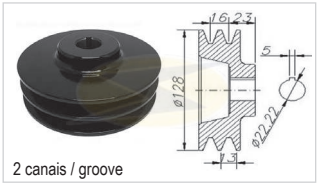


1 canal / groove

Alternador / Alternator: **WAPSA:** 9 120 450 015, 9 120 450 020, 9 120 450 090

Aplicação / Application: **VOLKSWAGEN:** Caminhões / Trucks 12140 - C/ Motor / W/ Engine Mwm, 6 Ton. 14v 35a / 6.90 / 7.90 / 7110 / 11140

Bosch **Equivalente /** Replace



2 canais / groove

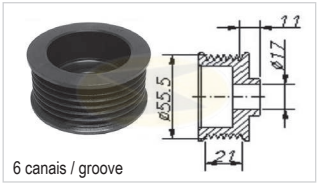
UF - 3.348

Equivalente / Replace: 9 121 456 184

Alternador / Alternator: 9 120 456 040

Aplicação / Application: **MERCEDES-BENZ:** Ônibus C/ Motor / W / Engine Série Br400, OF1620, OF1721, OH1621, OH1623, **EL DETALLE:** OA101

Bosch **Equivalente /** Replace



6 canais / groove

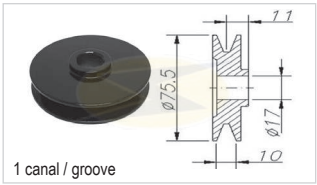
UF - 3.350

Equivalente / Replace: 9 122 080 925

Alternador / Alternator: 9 120 080 215, 9 120 080 231

Aplicação / Application: **RENAULT:** Clio - 1.6l - AS , R9 - AM / AS, R11 - AM / AS, R19 1.6l - AM / AS / BR, R21

Bosch **Equivalente /** Replace



1 canal / groove

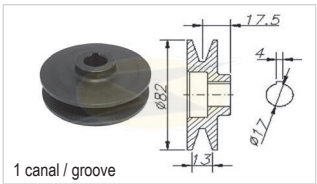
UF - 3.352

Equivalente / Replace: 9 122 080 604

Alternador / Alternator: 9 120 080 192, 9 120 080 195

Aplicação / Application: **CHEVROLET-GM:** D20 - 4.1 LTS. - 14V 21, 23, 55, 75A - (03/1992→), Bonanza, C20, Veraneio

Bosch **Equivalente /** Replace



1 canal / groove

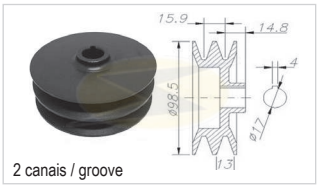
UF - 3.355

Equivalente / Replace: 9 122 080 030

Alternador / Alternator: 9 120 080 130, 9 120 080 157, 9 120 080 188

Aplicação / Application: **VALMET:** Tratores / Tractors - 68 / 68 Especial / 78 S / 78 VE / 110 ID / 138 Turbo / 138-4 Turbo / 148 4x4 / 148 Turbo / 685 / 785 / 980 4x4 Turbo / 985 / 985 4x4 / 1280 / 1280 4x4,118 / 138 / 78 / 88 / 128 / 128 4x / 68 / 68 Café / 880 / 880 4x, **MWM:** Motor D229-3 / D229-4 / D229-6 / TD229-6

Bosch **Equivalente /** Replace



2 canais / groove

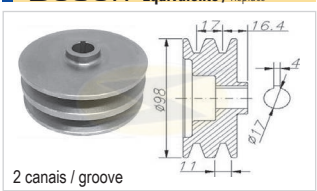
UF - 3.358

Equivalente / Replace:

Alternador / Alternator: 9 120 080 147, 9 120 080 181

Aplicação / Application: **CASE:** Pá carregadeira W18 D / W18 E / W20 D / W20 E, **MERCEDES-BENZ:** L1214 / 1218 / 1414 / 1418 / 1614 / LS1625 / 1630 / LS1935 / LS1941 1217 L, 1519 L, 1618 L, 1924 L, 1924 LS A, 1929 LS, 1934 LS, 2219 LK, 2624 L A, O370 R, O370 RS, O370 RSD, O371 R, O371 RS, O371 RSD, O371 U, OF1115, OF1315, OF1620, OH1315, OH1318, OH1520

Bosch **Equivalente /** Replace



2 canais / groove

UF - 3.361

Equivalente / Replace: 3 431 557 116

Alternador / Alternator:

Aplicação / Application: **MERCEDES-BENZ**

Bosch **Equivalente /** Replace

9 canais / groove

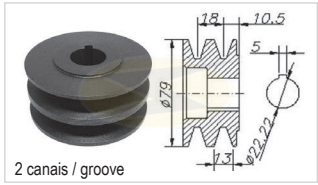
UF - 3.365

Equivalente / Replace: 0 101 549 124, 1 126 601 100

Alternador / Alternator: 0 120 469 116, 6 033 GB3 019

Aplicação / Application: **MERCEDES-BENZ:** Caminhões / Trucks 1938 S / 1938 LS, 1944 LS, 2638 LS, 2646, Actros

Bosch **Equivalente /** Replace



2 canais / groove

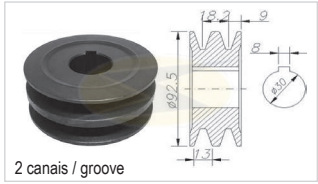
UF - 3.349

Equivalente / Replace: 404 054, 9 121 456 137

Alternador / Alternator: **WAPSA:** 9 120 456 005, 9 120 456 025, 9 120 456 004, 9 120 456 008, 9 120 456 011, 9 120 456 013, 9 120 456 024, 9 120 456 027

Aplicação / Application: **FORD:** Caminhões / Trucks Cargo - 1113 / 1114 / 1117 / 1215 / 1218 / 1313 / 1314 / 1317 / 1415 / 1418 / 1419 / 1514 / 1517 / 1615 / 1618 / 1619 / 2215 / 2218 / 2218t / 2319 / 3224 Turbo / 3530, Todos C/ 14v 90a, Caminhões / Trucks 1419 / 1619 / 2319 Todos / All (→1987) C/ 14v 90a, **MÜLLER:** Trator / Tractor Agric.Tm 31 (14v 90a), **VOLVO:** Ônibus B58 E B10m (28v 75a)

Bosch **Equivalente /** Replace



2 canais / groove

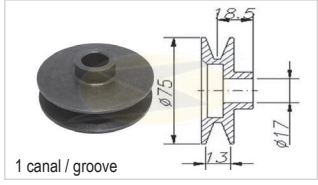
UF - 3.351

Equivalente / Replace: 9 121 456 033

Alternador / Alternator: 9 120 456 003, 9 120 456 014, 9 120 456 016, 9 120 456 002, 9 120 456 045

Aplicação / Application: **SCANIA:** Chassis P/ Ônibus - F112HL / 113HL / K113CL / K113TL / L113CL / S113AL / S113CL, F112/203 HL, F112/305 HL, F113/203, F113/220, F113/310, K113/203, K113/250, K113/303, K113/310, K113/310 TL, K113/320, K113/343, K113/354, K113/360, K113/362, K113/380, L113/203, L113/220, L113/257, S113/203 AL, S113/204 CL, S113/303 AL, S113/303 CL, S113/310 CL

Bosch **Equivalente /** Replace



1 canal / groove

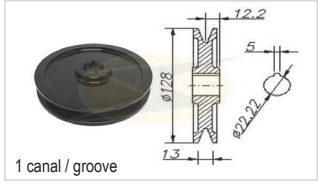
UF - 3.353

Equivalente / Replace: 9 122 080 633

Alternador / Alternator: 9 120 080 196, 9 120 080 197

Aplicação / Application: **CHEVROLET-GM:** D20 / D40 / D6000 / Bonanza / Veraneio - Com E Sem Ar Condicionado, À Diesel (03/1992→), Caminhão D11000 / D12000 / D13000 / D14000 / D19000 / D21000 / D22000, Silverado 4.1 Diesel, **GMC:** 6100

Bosch **Equivalente /** Replace



1 canal / groove

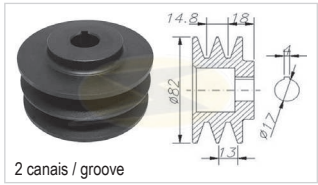
UF - 3.356

Equivalente / Replace: 9 121 456 162

Alternador / Alternator: 9 120 456 031

Aplicação / Application: **MERCEDES-BENZ:** Ônibus - C/ Motor / W/ Engine M36, O371 Rs, Plataforma - O371 Rs A, O371 Rsd, O371 Up, O400 RS / RSD / RSL, OH1315 G

Bosch **Equivalente /** Replace



2 canais / groove

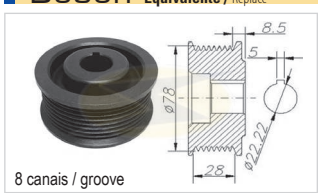
UF - 3.360

Equivalente / Replace: 9 122 080 295

Alternador / Alternator: 9 120 080 157, 9 120 080 188

Aplicação / Application: **VALMET:** Tratores / Tractors - 980 /1580 / 1780 - C/ Motor / W/ Motor Mwm, **MWM:** Motor D225-3 / D225-4 / D225-6 / D229-3 / D229-4 / D229-6 / TD229-4 / TD229-6, **VALTRA:** Tratores

Bosch **Equivalente /** Replace



8 canais / groove

UF - 3.363

Equivalente / Replace: 9 121 456 155

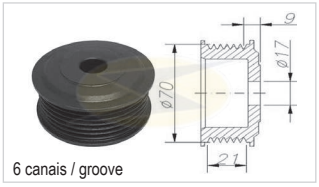
Alternador / Alternator: 9 120 456 026, 9 120 456 030, 9 120 456 032, 9 120 456 036, 9 120 456 038, 9 120 456 039

Aplicação / Application: **FORD:** Cargo 1618, B1618, B1621 **RANDOM:** Caminhão - Fora De Estrada / Truck - Off Road, **VALMET:** Trator 1180, Tratores / Tractors, Caminhão / Truck, **VOLKSWAGEN:** Caminhões / Trucks - 22.210/23.210 - C/ Motor / W/ Motor Cummins Eq. Comercial E Prim. Rio, Chassi P/ Ônibus – Volksbus, **VALTRA:** Tratores

Bosch Equivalente / Replace

UF - 3.368

Equivalente / Replace: F 000 LD1 373, 9 123 080 121



6 canais / groove

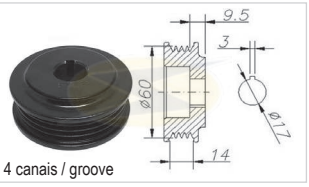
Alternador / Alternator: 9 120 080 232, F 000 LD0 117, F 000 LD0 101, F 000 LD0 114, F 000 LD0 118

Aplicação / Application: **FORD:** F1000, Ranger 2.5, **CHEVROLET-GM:** Grand Blazer 4.2 Diesel, S10 2.8, D 6150, Silverado 6.07 T/Dlx - C/ Ar Condicionado / 4.2 Diesel, **GMC:** 3500 HD, 6150, **SCANIA:** Chassi P/ Ônibus C/ Motor / W/ Engine Dn11 / Ds11 / Ds11.34 / Dsc 11.18, **MERCEDES-BENZ:** Sprinter 310 / 312 / 412

Bosch Equivalente / Replace

UF - 3.369

Equivalente / Replace: 9 122 080 929



4 canais / groove

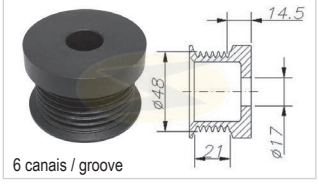
Alternador / Alternator: 9 120 080 216

Aplicação / Application: **FIAT:** Duna 1.6 SPi, Fiorino 1.6 MPi, Uno 1.6, Premio 1.6, Elba 1.6 - Todos Com Direção Hidráulica / *All With Hydraulic Steering*

Bosch Equivalente / Replace

UF - 3.371

Equivalente / Replace: F 00M 991 149



6 canais / groove

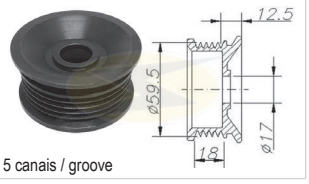
Alternador / Alternator: 0 124 215 006, 0 124 215 008, 0 124 215 009, 0 124 225 032, 0 124 225 040

Aplicação / Application: **VOLKSWAGEN:** Parati II / III 1.0, Gol 1.000, Santana 16V

Bosch Equivalente / Replace

UF - 3.372

Equivalente / Replace:



5 canais / groove

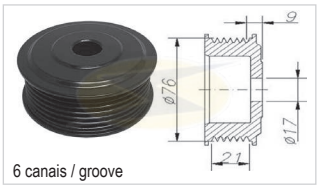
Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Corsa, Kadett, Monza

Bosch Equivalente / Replace

UF - 3.373

Equivalente / Replace:



6 canais / groove

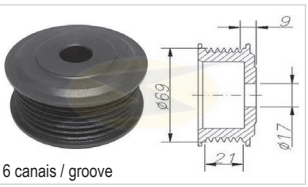
Alternador / Alternator:

Aplicação / Application: **FORD:** F250 4,2 MWM 6 CC - 90A - 14V

Bosch Equivalente / Replace

UF - 3.374

Equivalente / Replace:



6 canais / groove

Alternador / Alternator:

Aplicação / Application: **FORD:** F250 3.9 Cummins 4 CC - 90A - (1999→)

Bosch Equivalente / Replace

UF - 3.375

Equivalente / Replace: F 00M 991 073

5 canais / groove

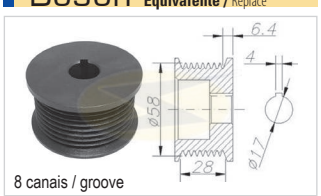
Alternador / Alternator: 0 124 415 012, 0 124 325 058, 0 124 415 011

Aplicação / Application: **FIAT:** Brava 1.6, Doblò 1.6 MPi, Palio 16V (Todos / All) 1.6, Palio Weekend 1.6, Siena 1.6, Strada 1.6 MPi

Bosch Equivalente / Replace

UF - 3.376

Equivalente / Replace:



8 canais / groove

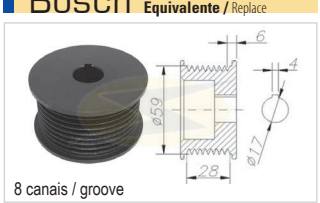
Alternador / Alternator: 9 120 080 136

Aplicação / Application: **VOLKSWAGEN:** Caminhões / Trucks 16270 / 16210 / 14170 / 14210 C/ Motores / W/ Engines Cummins K1 65 A - 14v, **CUMMINS:** Motor 6C 8.3 / 6CT 8.3, **FORD:** Cargo C 1216 / 1422 / 2425 / 2630 / 3224 / 3530 / 4030, **VOLMET:** Trator 1180

Bosch Equivalente / Replace

UF - 3.377

Equivalente / Replace: 404 053, 9 121 450 940



8 canais / groove

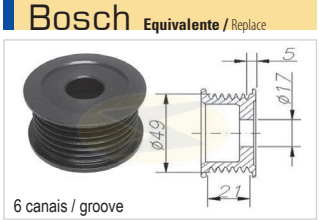
Alternador / Alternator: **WAPSA:** 9 120 450 137

Aplicação / Application: **VOLKSWAGEN:** Caminhões / Trucks 16170 / 16220, **FORD:** Cargo, **AGRALE:** 7000 TDX

Bosch Equivalente / Replace

UF - 3.379

Equivalente / Replace: 1 126 600 975



6 canais / groove

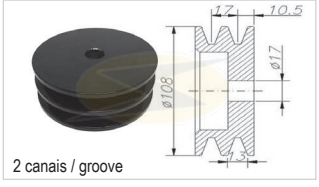
Alternador / Alternator: F 00M 991 60, 70 e 120A, 0 120 335 008, 0 123 100 001, 0 123 110 006, 0 123 110 007, 0 123 115 008, 0 123 115 010, 0 123 120 001, 0 123 320 050, 0 123 320 067, 0 123 500 008, 0 123 505 001, 0 123 505 002, 0 123 510 043, 0 123 510 063, 0 123 510 089

Aplicação / Application: **CHEVROLET-GM:** Omega, Tigra, Astra, Corsa, Vectra, **AUDI:** A6 1.8 Turbo, **FORD:** Fiesta 1.3i, Galaxy 1.9 TDi, Ka 1.3i, **NISSAN:** Micra 1.0i / 1.3i, **OPEL:** Astra 1.4i / 1.6 / 1.6i / 1.8i / 2.0 GSi / 2.0i, Calibra 2.0i / 2.0i 4x4 / 2.0i 4x4 Turbo, Combo 1.2i / 1.4 / 1.4i / 1.6 GSi / 1.6i, Frontera 2.0i Sport / 2.2 TDi / 2.2i, Omega 2.0 TD / 2.0 TDi / 2.0i / 2.2i, Tigra 1.4i / 1.6i, Vectra 1.6i / 1.8i / 2.0 GT / 2.0 GT 4x4 / 2.0 GTi / 2.0 TD / 2.0i / 2.0i 4x4 / 2.0i 4x4 Turbo / 2.0 Diesel / 2.0 TDi, **SEAT:** Alhambra 1.9 TDi, Cordoba 1.9 TDi, Ibiza 1.9 TDi, Toledo 1.9 TDi, **VOLKSWAGEN:** Golf III 1.9 TDi, Golf IV 1.9 TDi, Jetta 1.9 TDi, Passat 1.9 TDi, Polo 1.9 TDi, **VOLVO:** S70 2.3

Bosch Equivalente / Replace

UF - 3.380

Equivalente / Replace:



2 canais / groove

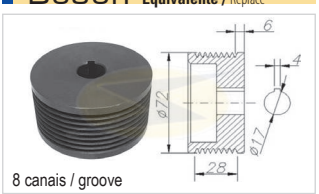
Alternador / Alternator:

Aplicação / Application: **CATERPILLAR:** Pá - Carregadeira 938

Bosch Equivalente / Replace

UF - 3.381

Equivalente / Replace:



8 canais / groove

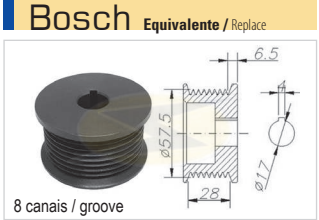
Alternador / Alternator: 0 120 468 131, 0 120 468 132, F 042 301 011

Aplicação / Application: **SCANIA:** T-114 / 114340 / 124360 / 124400 / 124420 / HTN / 144460 / 144530, R-114 / 144460 / 144530 / 164480 / TR-124360 / 124400 / 124420 / 124420-HTI, L94, L220, L260, L310, P94, P114, P124, P124 HPi, P220, P260, P322, P340, P360, P400, P420, P420 HPi, R114, R124, R124 HPi, R144, R164, R320, R340, R360, R400, R420, R420 HPi, R460, R480, R530, R580, T114, T124, T124 HPi, T144, T320, T340, T360, T400, T420, T420 HPi, T460, T530, F94, F220, F310, K94, K124, K310, K360, K420

Bosch Equivalente / Replace

UF - 3.382

Equivalente / Replace: 9 122 080 533

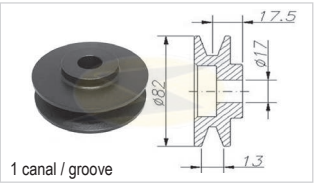


8 canais / groove

Alternador / Alternator: F 000 LD0 106, 9 120 080 184, 9 120 080 187, 9 120 080 202, F 000 LD0 113, DJD903015A, TJG903015A, XC4510300DA

Aplicação / Application: **CASE:** Série 580h, Sh4x2, Sh 4x4, Tds 3.9l E Mot. Cummins, Alt.K1-14v 23 / 65a, **VOLKSWAGEN:** 7110, 7120, 8100, 8120, 8140 CE, 8140 CO, 8150, 8150 OD, 9150 OD, 12180, 13150, 13170, 13180, 13190, 14150, 14180, 14220, 15170, 15180, 15190, 16170 BT, 16200, 16210, 16220, 16300, 17210, 17210 OD, 17220, 17300, 17310, 23210, 23220, 23310, 24220, 24250, 26220, 26260, 26300, 26310, 31260, 31310, 35300, 40300, L80, Worker 13180 / 15180 / 17180 / 17220 / 24220 / 26220, 7.100 (4.0), 8.140 Turbo (4.3), 12.140 (4.3), 12.170, 14.170, 16.170/200, **FORD:** Cargo 2324 / C 712 / C 814 / C 815 / C 915 / C 1215 / C 1217 / C 1317 / C 1415 / C 1416 / C 1417 / C 1421 / C 1422 / C 1517 / C 1521 / C 1617 / C 1621 / C 1622 / C 1630 / C 1717 / C 1721 / C 1722 / C 1731 / C 2322 / C 2422 / C 2425 / C 2622 / C 2626 / C 2630 / C 2631 / C 3222 / C 3224 / C 3530 / C 4030 / C 4031 / C 4031 Max Ton / C 4331, F4000, F12000, F14000, F1000 T

Bosch Equivalente / Replace



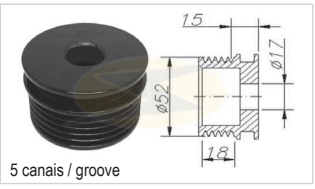
1 canal / groove

UF - 3.387 **Equivalente /** Replace:

Alternador / Alternator:

Aplicação / Application: **KIA:** Besta GS

Bosch Equivalente / Replace



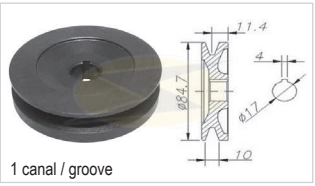
5 canais / groove

UF - 3.390 **Equivalente /** Replace: F 00M 991 060

Alternador / Alternator: 0 124 325 023

Aplicação / Application: **MERCEDES-BENZ:** Classe A 160

Bosch Equivalente / Replace



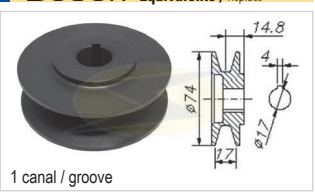
1 canal / groove

UF - 3.395 **Equivalente /** Replace:

Alternador / Alternator: 1087962, **VOLVO:** 420433

Aplicação / Application: **VOLVO:** EDC, NL10, NL12, B12

Bosch Equivalente / Replace



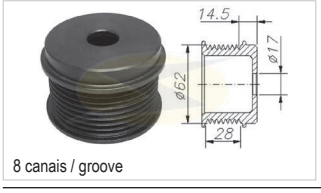
1 canal / groove

UF - 3.401 **Equivalente /** Replace:

Alternador / Alternator:

Aplicação / Application: **FORD:** F1000 Com Alternador / W/ Alternator Bosch

Bosch Equivalente / Replace



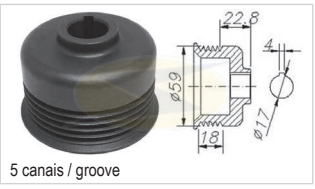
8 canais / groove

UF - 3.406 **Equivalente /** Replace: F 00M 991 338, F 00M 147 893, F 00M 991 253

Alternador / Alternator: 0 124 555 009, 0 124 555 038, 0 124 655 102

Aplicação / Application: **VOLVO:** FH12 380, FH12 420, FH12 460, FH16 750, FM12 340, FM12 380, FM12 420, NH12 420, B7 R, B9 SALF, B10 M eletrônico, B12 B eletrônico, Globo Trato, B10 M (Eletrônico), B12 B (Eletrônico), FH12, FM, NH12

Bosch Equivalente / Replace



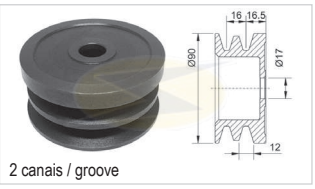
5 canais / groove

UF - 3.408 **Equivalente /** Replace: 9 122 080 456

Alternador / Alternator: 9 120 080 173, 9 120 080 213, 7669850

Aplicação / Application: **FIAT:** Elba 1.5 SPi, Fiorino furgão 1.0 SPi / 1.5 SPi, Fiorino pick-up 1.0 SPi / 1.5 SPi, Prêmio 1.5 SPi, Uno 1.5 SPi / 1.0 SPi

Bosch Equivalente / Replace



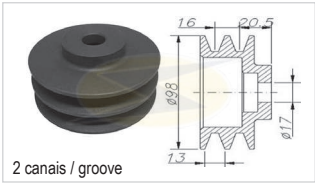
2 canais / groove

UF - 3.422 **Equivalente /** Replace: F 00M 991 169, F 00M 991 103

Alternador / Alternator: 1721- 0124555011, 1620 - 0 124 325 098, 0 124 515 103, 0 124 555 046

Aplicação / Application: **MERCEDES-BENZ:** 1218, 1622, 1632 LS, 1635, 2428, Atron, **VOLKSWAGEN:** Titan Tractor **SCANIA:** Ônibus Série P/G/R/T, Caminhões Série 4/5

Bosch Equivalente / Replace



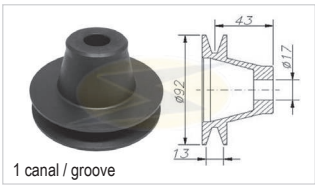
2 canais / groove

UF - 3.388 **Equivalente /** Replace:

Alternador / Alternator:

Aplicação / Application: **MERCEDES-BENZ:** Com Alternadores / W/ Alternators 120 A

Bosch Equivalente / Replace



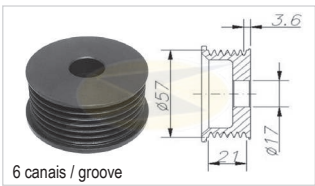
1 canal / groove

UF - 3.392 **Equivalente /** Replace: 9 123 080 080

Alternador / Alternator: 9 129 080 207

Aplicação / Application: **IVECO:** Caminhões / Trucks - 120E / 150E / 150T / 160E

Bosch Equivalente / Replace



6 canais / groove

UF - 3.396 **Equivalente /** Replace: F 00M LD1 313, F 00M 991 148

Alternador / Alternator: 0 124 315 018, 0 124 315 020, 0 124 315 021, 0 124 315 022, 0 124 325 041, 0 124 325 042, 0 124 325 076, 0 124 325 034, 0 124 325 066, 0 269 0301 546, 0 489 030 17

Aplicação / Application: **VOLKSWAGEN:** Gol Ii 1.0i / 1.6i / 1.6 Mi / 1.8 I / 1.8 Mi / 2.0 Mi / 2.0 Mi 16v, Logus 1.6i / 1.8 / 1.8i / 2.0 / Mi, Parati Ii - 1.6i / 1.6mi / 1.8i / 1.8mi / 2.0i / 2.0 Mi / 2.0 Mi 16v / Parati Iii - 1.6 Mi / 1.8 Mi / 1.9 D / 2.0 Mi, Pointer 1.8 / 1.8i / 2.0 / 2.0 Mi, Quantum 1.8 / 1.8i / 1.8 Mi / 2.0i / 2.0 Mi, Santana 1.8 / 1.8i / 1.8mi / 2.0i / 2.0mi, Saveiro Ii - 1.6mi / 1.8mi / 2.0mi / Saveiro Iii - 1.6mi / 1.8mi / 1.9d / 2.0mi

Bosch Equivalente / Replace

8 canais / groove

UF - 3.402 **Equivalente /** Replace:

Alternador / Alternator:

Aplicação / Application: **MERCEDES-BENZ:** Modelos Leves De Até 4 Ton

Bosch Equivalente / Replace

2 canais / groove

UF - 3.407 **Equivalente /** Replace: F 00M 991 198

Alternador / Alternator: 0 124 325 118, 0 124 325 098

Aplicação / Application: **CHEVROLET:** S10 2.8 Diesel, **MERCEDES-BENZ:** 610 LO, 710, 712 E, 812 L, 1114 L, 1214 C, O812 L, Motor BR300, Caminhões / Trucks

Bosch Equivalente / Replace

8 canais / groove

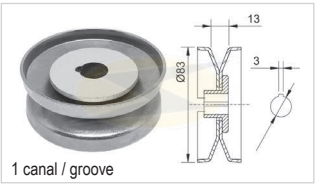
UF - 3.420 **Equivalente /** Replace:

Alternador / Alternator: 1516503R, 475885, 0120689562 - 140 A – 24V

Aplicação / Application: **SCANIA:** 124, Série: 114 (K 124 1997→), 93 (F94 – L94 – K94 1998→), K310, K360, K420, L220, L260, L310

Bosch Equivalente / Replace

UF - 3.424 Equivalente / Replace: 409031095



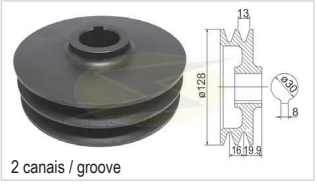
1 canal / groove

Dínamo / Dynamo:

Aplicação / Application: **FIAT:** Uno, **CHEVROLET:** Chevette, **VOLKSWAGEN:** Sedan, Brasília E Kombi (Para Veículos Que Trafegam Em Áreas Urbanas, Que Necessitam De Recarga Mais Rápida Para A Bateria) Utilizar Correia 10x888

Bosch Equivalente / Replace

UF - 3.426 Equivalente / Replace: 9 121 456 199



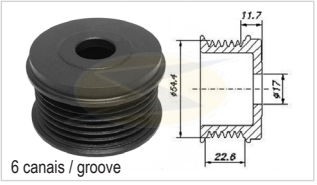
2 canais / groove

Alternador / Alternator: 9 120 456 003 140A, 9 120 456 044, 9 120 456 046, 9 120 456 047, 9 120 456 048, 9 120 456 049, 9 120 456 050, 9 120 456 052, F 000 LD0 200, F 000 LD0 208

Aplicação / Application: **SCANIA:** F 112 HL, K 113, K 113 CL, K 113 CL / TL, K 113 HL, K 113 TL, K 113 AL, K 113 AL / CL, S 113CL, S 113, **MERCEDES-BENZ:** O 400 RS, O 400 RSD, 0 400 RSL, OHL 1628L, OHL 1635, Equipamentos De Refrigeração, 1620 L, 1728, 2423, 2428, Motor BR400 / BR450 eletrônico, O400 UP / UPA, O500 M / R / RS / RSD / U, OHL1365, OHL1624, OHL1625, OHL1628, OHL1630

Bosch Equivalente / Replace

UF - 3.428 Equivalente / Replace: F00M 991321, F 00M 991 127, F 00M 991 147



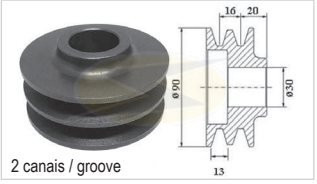
6 canais / groove

Alternador / Alternator: 0 124 515 100

Aplicação / Application: **FIAT:** Ducato, Daily, **CITROEN:** Jumper

Bosch Equivalente / Replace

UF - 3.435 Equivalente / Replace:



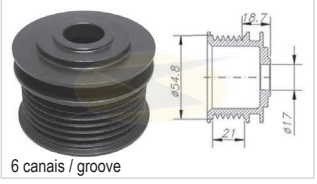
2 canais / groove

Alternador / Alternator: 0 120 689 571, 9 120 456 053, F 000 LD0 212

Aplicação / Application: **MERCEDES-BENZ:** Séries 14t, 18t, 20t, 25t, 26t, 33t, 41t, O, OH, 1422 L, Actros 1835 AK / 1840 / 1840 AK / 1840 L / 2031 / 2031 A / 2035 A / 2040 / 2040 A / 2531 / 2531 L / 2535 L / 2540 / 2540 L / 2543 / 2631 / 2631 L / 2635 / 2635 L / 2640 / 2640 L / 2643 / 2643 L / 3231 / 3235 / 3240 / 3243 / 3331 / 3331 A / 3335 / 3340 / 3340 A / 3343 / 3343 A / 4140 / 4140 A / 4143 / 4143 A, O345, O345 G, O350 Tourismo, O402, O402 F, O404, O405, O405 E, O405 G, O405 GN, O405 GNTD, O405 GT, O405 GTD, O405 N, O405 N1, O407, O408, O530 GN3, O530 GN3 UESTRA, O530 GNG3 UESTRA, O530 GNUE3, O530 N3, O530 N3 Lang, O530 N3 uestra, O530 NUE3, O550 Euro 3, O560 Euro 2, O580 RH15, O580 RHD15, O580 RHD17, OH1421 L, OH1628 L, **CLIMABUSS:** Sistemas De Ar-Condicionado/ Air-Conditioning System (Alternadores T1 / Alternators T1 140 Amp)

Bosch Equivalente / Replace

UF - 3.437 Equivalente / Replace: F000BL1515



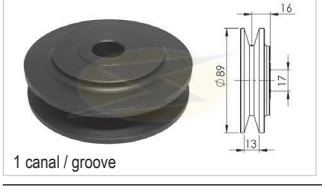
6 canais / groove

Alternador / Alternator: F000BL0408, F 000 BL0 4E9, 23 100 7633 R

Aplicação / Application: **RENAULT:** Duster 1.6 16 Hi-Flex, Logan 1.6 16V Hi-Flex / 1.6 Hi-Power Flex / 1.6 Hi-Torque Flex, Mégane II 1.6 16V Hi-Flex / Grandtour 1.6 16V Hi-Flex, Sandero 1.6 16V Hi-Flex / 1.6 Hi-Power / 1.6 Hi-Power Flex / 1.6 Hi-Torque Flex, Symbol 1.6 16V Hi-Flex / 1.6 Hi-Torque Flex, Clio, Kangoo 1.6 16v (2010→)

Bosch Equivalente / Replace

UF - 3.438 Equivalente / Replace:



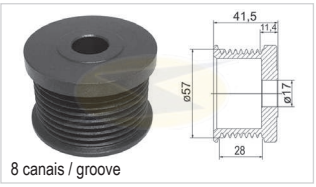
1 canal / groove

Alternador / Alternator: 0 124 325 110, F 00M 991 209

Aplicação / Application: **FIAT-ALLIS:** Retroescavadeira FB80.2 / FB100.2, **NEW HOLLAND:** TC 55 / 57 UTILITY / S7630 / S8030, Colheitadeira TC55 / TC57, Trator 4630 / 5030 / 5630 / 6630 / 7630 / 7830 / 8030

Bosch Equivalente / Replace

UF - 3.425 Equivalente / Replace: F 00M 991 177, F 00M 991 233, F 00M 991 237



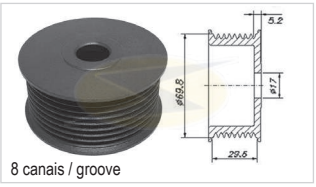
8 canais / groove

Alternador / Alternator: 0124555016, 0124555007, 0 124 555 023, 0 124 555 042, 0 124 555 044, 0 124 555 087, 0 125 515 111

Aplicação / Application: **FORD:** Cargo (Cummins), **AGRALE:** MA8.5 E-tronic, MT12.0 LE E-tronic, MT12.0 SB E-tronic, **IVECO:** EuroCargo 170 E21, **MERCEDES-BENZ:** 916 LO, Accelo 815 / 1016, Atego 1419 / 1719 / 1726 / 1728 / 1729 / 2426 / 2428 / 2429, Atron 1319 / 1719 / 2324 / 2729, Axor 1933 / 2533 / 2826 / 2831, Motor BR900, O500 M / R / U, OF1219, OF1519, OF1519 R, OF1721, OF1724, OH1519, OH1621 L, **VOLKSWAGEN:** 8150 / 9150 / 15190 / 17210 / 17230 EOD Eletronic, 16210 CO, 18330 OT, 26330 OTA, Constellation 13180 / 15180 / 17250 / 17330 / 19320 Titan / 19330 / 19370 / 19390 / 24250 / 24280 / 24330 / 25320 / 25370 / 25390 / 26260 / 26280 / 26390 / 31260 / 31280 / 31320 / 31330 / 31370 / 31390, Worker 9150 / 13170 / 13180 / 15170 / 15180 / 15190 / 17250 / 23250 / 24250 / 26260 / 31260E Eletronic, Com Cummins / With Cummins

Bosch Equivalente / Replace

UF - 3.427 Equivalente / Replace: F 00M 991 101, F 00M 991 154



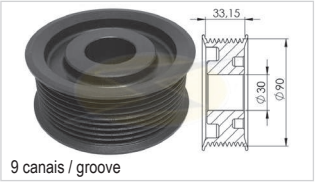
8 canais / groove

Alternador / Alternator: 0 124 325 136, 0 124 325 211, 0 124 325 064

Aplicação / Application: **FORD:** F-250, F-350, F-4000, Cargo C 815 E / C 816 / C 1119 / C 1317 E / C 1517 E / C 1717 E / C 1722 E / C 2422 E / C 2428 E / C 2622 E / C 2628 E, F12000, F14000, F16000

Bosch Equivalente / Replace

UF - 3.430 Equivalente / Replace: F000LD1 429



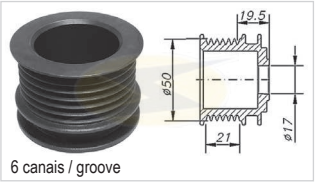
9 canais / groove

Alternador / Alternator: F 00LD0 T1 28V 140AMP, F 000 LD0 205

Aplicação / Application: **MERCEDES-BENZ:** 1938 LS, 1944 S, 2638, Motor BR450 eletrônico, O500 MA / MDA / RS / RSD / RSDD / UA / UDA

Bosch Equivalente / Replace

UF - 3.436 Equivalente / Replace: F 000 BL1 031, F 000 BL1 301



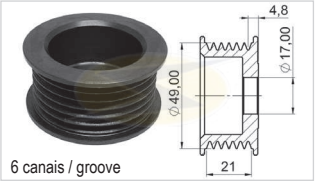
6 canais / groove

Alternador / Alternator: F 000 BL0 418, F 000 BL0 300, F 000 BL0 301, F 000 BL0 400, F 000 BL0 4C0

Aplicação / Application: **VOLKSWAGEN:** CrossFox 1.6 TotalFlex, Fox 1.0 TotalFlex / 1.6 TotalFlex, Gol 1.6 TotalFlex, Gol II 1.0 Mi / 1.0 Mi Special, Gol III 1.0 Mi / 1.0 Mi Turbo / 1.0 Mi TotalFlex, Gol IV 1.0 / 1.0 Ecomotion / 1.0 TotalFlex, Gol V 1.0 TotalFlex / 1.6 TotalFlex, Gol VI 1.6 TotalFlex, Golf III 2.0 Mi, Parati II 1.0 Mi, Parati III 1.0 Mi / 1.0 Mi Turbo, Polo 1.6 TotalFlex, Saveiro 1.6 TotalFlex, SpaceCross 1.6 TotalFlex, SpaceFox 1.6 TotalFlex, Voyage 1.0 Flex / 1.0 TotalFlex / 1.6 Flex / 1.6 TotalFlex, Passat, Polo, Suran (Todo / All S G5 1.6 Alternador 90a)

Bosch Equivalente / Replace

UF - 3.441 Equivalente / Replace: F 000 BL1 288, F 000 BL9 017, F 00M 991 007, F 00M 991 160

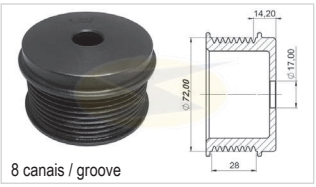


6 canais / groove

Alternador / Alternator: 0 124 515 023, 0 124 225 028, 0 124 225 029, 0 124 225 034, 0 124 515 082, 0 124 515 186, 0 124 525 015, 0 124 525 040, F 000 BL0 425, F 000 BL0 4A0, 12785605, 54705513, 93359978, 93359979, 94721926, 04C903023A

Aplicação / Application: **CHEVROLET-GM:** Astra 1.8 DOHC / 1.8 MPFi / 1.8 SOHC / 1.8i / 2.0 DOHC / 2.0 MPFi / 2.0 MPFi Flexpower / 2.0 MPFi Multipower / 2.0 SFi 16V / 2.0 SOHC / 2.0i / 2.0i 16V, Celta 1.0 MPFi / 1.0 VHC / 1.0 VHC Flexpower / 1.0i / 1.4 MPFi, Classic 1.0 VHC / 1.0 VHC Flexpower / 1.0 VHCe Flexpower, Corsa 1.0 MPFi / 1.6 EFi / 1.6 MPFi / 1.6 MPFi 16V, Vectra 1.8i / 2.0 / 2.0 DOHC / 2.0 Flexpower / 2.0 GSi 16V / 2.0 MPFi / 2.0 SFi 16V / 2.0 SOHC / 2.0i / 2.0i 16V / 2.2 / 2.2 16V / 2.2 DOHC / 2.2 SFi 16V / 2.2 SOHC / 2.4 16V Flexpower / 2.4 DOHC / 2.4 SOHC, Zafira 2.0 MPFi / 2.0 MPFi Flexpower / 2.0 MPi / 2.0 SFi 16V / 2.0i SFi 16V, Blazer, **FIAT:** Palio 1.0 MPi 8V / 1.0 MPi 8V 6 Marchas / 1.5 MPi 8V / 1.6 MPi 8V / 1.6 SPi 8V, Palio Weekend 1.0 MPi 8V 6 Marchas / 1.6 MPi 8V, Siena 1.0 MPi 8V 6 Marchas / 1.6 MPi 8V, Strada 1.6 MPi 8V, **VOLKSWAGEN:** CrossFox, Fox, Gol V, Parati V, Up!, Saveiro V, SpaceCross, SpaceFox, Voyage V.

Bosch Equivalente / Replace — UF - 3.443



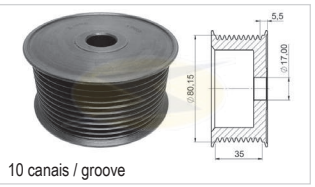
8 canais / groove

Equivalente / Replace: F 00M 991 182, P39418

Alternador / Alternator: 0 124 555 017, 0 124 555 036, 204 663 15, 208 493 50, 208 502 36, 214 297 81, 214 297 82

Aplicação / Application: **VOLVO:** FH12 / NH12 / FM / B10M / B12B / B7R, FH12/400 / 440 / 480 / 520 / 750, FH16/400 / 440 / 480 / 520 / 750

Bosch Equivalente / Replace — UF - 3.448



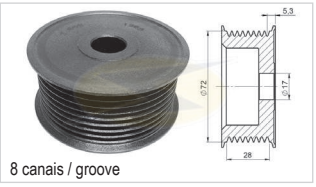
10 canais / groove

Equivalente / Replace: 2129404

Alternador / Alternator: 0 124 655 347, 0 124 655 348, 2324156

Aplicação / Application: **SCANIA:** P124 série 5 / série 6, R124 série 5 / série 6, T124 série 5 / 6.

Bosch Equivalente / Replace — UF - 3.449



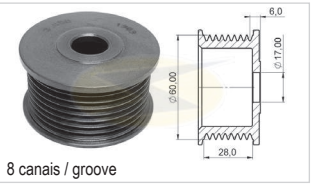
8 canais / groove

Equivalente / Replace: F 00M 991 135

Alternador / Alternator: 0 124 555 008, 0 124 555 034, 0 124 655 007, 0 124 655 026

Aplicação / Application: **SCANIA:** G480, P114, P322, R114, R124, R580, T113, T124, F113 HL, K124

Bosch Equivalente / Replace — UF - 3.450



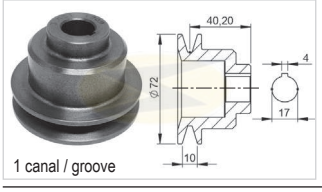
8 canais / groove

Equivalente / Replace: F 00M 991 207

Alternador / Alternator: 0 124 325 115, 0 124 355 001

Aplicação / Application: **CASE:** Motoniveladora 845 B / 865 B / 885 B, Pá carregadeira W20 E, **CUMMINS:** Motores estacionários, **KOMATSU:** Escavadeira PC150SE, Motoniveladora A835 (Dresser) / A855 (Dresser) / GD523A / GD523R / GD623A / GD623R, Pá carregadeira WA180 / WA320, Trator de esteiras D41A / D41E / D41P

Bosch Equivalente / Replace — UF - 3.451



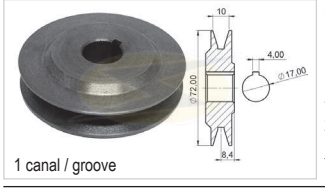
1 canal / groove

Equivalente / Replace: 9 121 450 493, **WAPSA**: 404031

Alternador / Alternator: 9 120 400 000, 9 120 450 041, 9 120 450 110

Aplicação / Application: **KUBOTA:** Máquinas diversas, **VOLKSWAGEN:** Gol, Kombi, Parati, Passat, Saveiro, Voyage

Bosch Equivalente / Replace — UF - 3.452



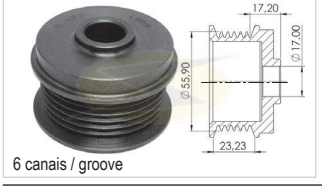
1 canal / groove

Equivalente / Replace: 9 122 080 347

Alternador / Alternator: 9 120 080 163, 9 120 080 164, 9 120 080 185, 9 120 080 206, 9 120 080 214

Aplicação / Application: **FORD:** Belina II 1.6, Corcel II 1.6, Del Rey 1.6, Escort 1.6, Escort Hobby 1.0 / 1.6, Pampa 1.6 / 1.6 4x4, Verona 1.6, **VOLKSWAGEN:** Gol 1.0 / 1.6, Gol II 1.0i, Logus 1.6, Parati I 1.6, Saveiro I 1.6

Bosch Equivalente / Replace — UF - 3.453



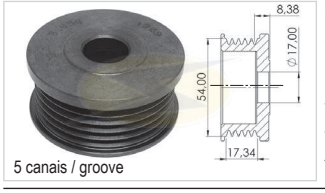
6 canais / groove

Equivalente / Replace:

Alternador / Alternator:

Aplicação / Application: **FIAT:** Ducato 2.8 TD

Bosch Equivalente / Replace — UF - 3.454



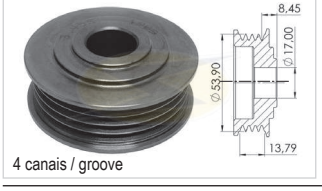
5 canais / groove

Equivalente / Replace:

Alternador / Alternator:

Aplicação / Application: **FIAT:** Palio 1.8, Siena 1.8, Strada 1.8

Bosch Equivalente / Replace — UF - 3.455



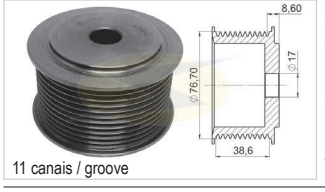
4 canais / groove

Equivalente / Replace:

Alternador / Alternator: **DENSO:** 1210411920, **FIAT:** 5100084

Aplicação / Application: **FIAT:** Palio, Siena, Strada, Uno

Bosch Equivalente / Replace — UF - 3.456



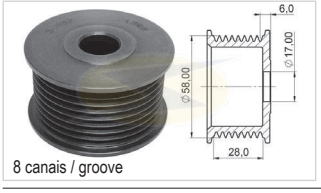
11 canais / groove

Equivalente / Replace: **BOSCH:** F 00M 147 743, F 00M 991 120, **DELCO:** 19070112, **MBB:** A0001500260

Alternador / Alternator: **BOSCH:** 0 124 555 004, 0 124 555 022, 0 124 655 004, **DELCO:** 19070009, 19070015

Aplicação / Application: **MERCEDES-BENZ:** Actros, Atego, Axor

Bosch Equivalente / Replace — UF - 3.457



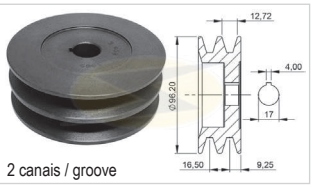
8 canais / groove

Equivalente / Replace: F 00M 991 199, F 00M 991 161

Alternador / Alternator: **BOSCH:** 0 124 325 067, 0 124 325 107, 0 124 325 109

Aplicação / Application: **FORD:** Cargo C 712 / 815 / 915 / 1317 / 1517 / 1521 / 1717 / 1721 / 1722 / 1731 / 2422 / 2622 / 2626 / 2631 / 2831 / 3222 / 4031 / 4031 Max Ton / 4331 / 4331 S Max Ton / 5031, F12000, F14000, F16000, **VOLKSWAGEN:** 8120 OD, 15210, 23210, Delivery 5140 / 5140 E / 7110 / 7120 / 8120 / 8150 / 8150 E / 13150 / 13180 / 15180 / 17180, Worker 8120, B5140, B7110, B7120, B8120, B8150, B13150, B13180, B15180, B17180, VolksBus 5140 EOD, VolksBus 8120 OD.

Bosch Equivalente / Replace — UF - 3.458



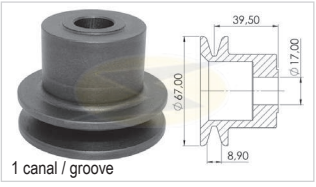
2 canais / groove

Equivalente / Replace:

Alternador / Alternator:

Aplicação / Application: **MERCEDES-BENZ:** Caminhões diversos

Bosch Equivalente / Replace — UF - 3.461



1 canal / groove

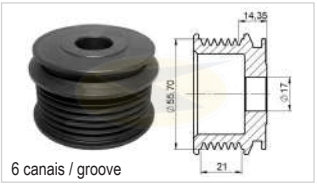
Equivalente / Replace: 6 033 GD5 060, **VW:** 049903119L

Alternador / Alternator: 0 120 469 729, 0 120 489 370, 0 120 489 760

Aplicação / Application: **AUDI:** 4000, **VOLKSWAGEN:** Fox, Gol 2.0 GTi, Gol II 2.0i, Golf II 1.8, Parati II 2.0i, Passat 1.6 / 2.0, Quantum 2.0 / 2.0i, Santana 2.0 / 2.0i.

Bosch Equivalente / Replace

UF - 3.462 Equivalente / Replace: **BOSCH:** F 00M 991 004, F 00M 991 358, **VW:** 038903119B, **CARGO:** 139932



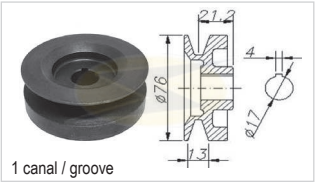
6 canais / groove

Alternador / Alternator: 0 123 510 065, 0 124 315 003, 0 124 315 004, 0 124 315 005, 0 124 315 007, 0 124 315 008, 0 124 315 00E, 0 124 315 030, 0 124 315 031, 0 124 315 035, 0 124 315 036, 0 124 325 003, 0 124 325 016, 0 124 325 050, 0 124 325 051, 0 124 325 056, 0 124 325 057, 0 124 325 061, 0 124 325 074, 0 124 325 075, 0 124 325 094, 0 124 325 097, 0 124 325 111, 0 124 325 125, 0 124 325 138, 0 124 515 012

Aplicação / Application: **AUDI:** A3 1.9 TDi 8V (1996-2002), **SEAT:** Alhambra 1.8 Turbo 20V (1998-2010), **SKODA:** Octavia 1.9 SDi 8V (1997-2003), Octavia 1.9 TDi 8V (1996-2010), **VW:** Golf 1.9 SDi 8V (1997-2004), Golf 1.9 TDi 8V (1997-2005), Golf 2.3 VR5 10V (1997-2001), Golf 2.3 VR5 syncro 10V (1998-2000), Golf Estate Variant 1.9 SDi 8V (1997-2006), Golf Estate Variant 1.9 TDi 8V (1999-2006), Golf Estate Variant 2.3 VR5 10V (1999-2001), Golf Estate Variant 2.3 VR5 syncro 10V (1999-2001), Golf Van Hatchback 1.9 TDi 8V (1997-2004), Golf Van Variant 1.9 TDi 8V (1999-2006), New Beetle 1.9 TDi 8V (1998-2005), Sharan 1.8 Turbo 20V (1997-2010).

Delco Equivalente / Replace

UF - 3.312 Equivalente / Replace: 7320683



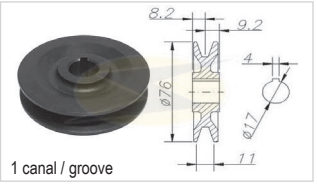
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Pick-Up C10 - 6 Cil. - 67 A 81, Caminhões / Trucks - A14c / C14c

Delco Equivalente / Replace

UF - 3.314 Equivalente / Replace: 7332366



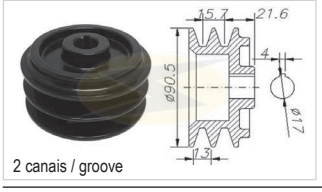
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Chevette (1973→) Opala (1975→)

Delco Equivalente / Replace

UF - 3.317 Equivalente / Replace: 94648532



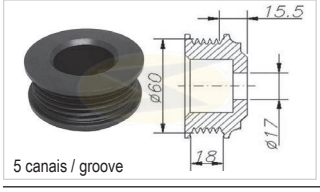
2 canais / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** A10 / C10 / D20 / D40 - Todos C/ / All W/ Direção Hidráulica

Delco Equivalente / Replace

UF - 3.340 Equivalente / Replace: 93205378



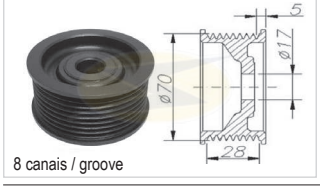
5 canais / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Kadett (1991→) C/ Direção Hidráulica, Monza, C20

Ford / Motorcraft Equivalente / Replace

UF - 3.393 Equivalente / Replace: F5TU-AA



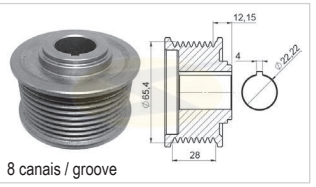
8 canais / groove

Alternador / Alternator: AC F6HU-AA, 98111216

Aplicação / Application: **FORD:** F250 C/ Alternador / W/ Alternator Motorcraft

Case Equivalente / Replace

UF - 3.466 Equivalente / Replace: 87452704



8 canais / groove

Alternador / Alternator:

Aplicação / Application: **CASE:** Colheitadeira 2366 -2377-2388, Modelos MX215, MX245, MX275, MX305, (MX210, MX230, MX255, MX285, STX325, STX275), **VW**

Delco Equivalente / Replace

UF - 3.311 Equivalente / Replace: 7331171

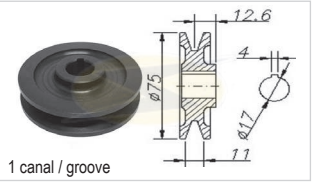
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Pick-up D10 - (1979→)

Delco Equivalente / Replace

UF - 3.313 Equivalente / Replace: 7322421



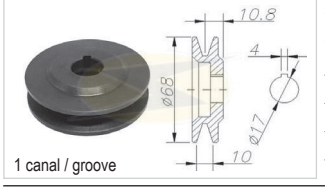
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Opala (1969→ 1974), Pick-up - A10 / C10 - 4 CIL. (1976→)

Delco Equivalente / Replace

UF - 3.316 Equivalente / Replace: 94632531



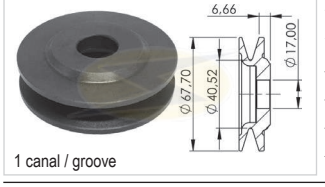
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Monza

Delco Equivalente / Replace

UF - 3.439 Equivalente / Replace:



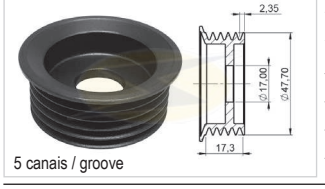
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Opala, D-20

Delco Equivalente / Replace

UF - 3.442 Equivalente / Replace:



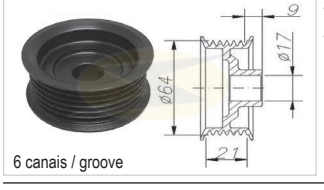
5 canais / groove

Alternador / Alternator: 94751297

Aplicação / Application: **CHEVROLET-GM:** Onix, Sonic, Prisma

Ford / Motorcraft Equivalente / Replace

UF - 3.399 Equivalente / Replace: F07U A2A



6 canais / groove

Alternador / Alternator: F6TU97081905 (14V - 105A)

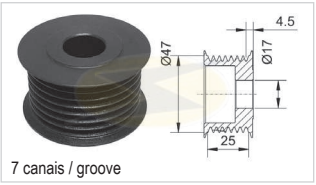
Aplicação / Application: **FORD:** Ranger 4.0 V6 Gas

Magneti Marelli Equivalente / Replace

UF - 3.421 **Equivalente /** Replace: 540226610, 540226611

Alternador / Alternator:

Aplicação / Application: **LAND ROVER:** Discovery (1998 - 2012), Freelander (1998 - 2012), Range Rover (1998 - 2012)



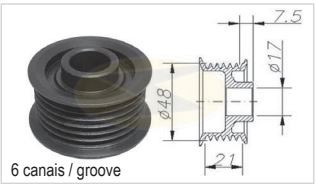
7 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.398 **Equivalente /** Replace: XS6U A2A

Alternador / Alternator: XS6110300AA, 2S6TFC

Aplicação / Application: **FORD:** Courier 1.0 SOHC / 1.0 Zetec RoCam / 1.3i / 1.6 SOHC / 1.6 Zetec RoCam / 1.6i / 1.6i Flex, Courier Van 1.6i / 1.6i Flex, EcoSport 1.0i Supercharger / 1.6i Zetec RoCam, Escort 1.6 SOHC / 1.6 SW Zetec RoCam, Fiesta - C/ Motor / W/ Engine Rocam 16v, Alternador / Alternator 14v 75, Fiesta 1.0 SOHC / 1.0 Zetec RoCam / 1.0i / 1.0i Flex / 1.3i / 1.6 SOHC / 1.6 Zetec RoCam / 1.6i / 1.6i Flex, Fiesta Sedan 1.0i / 1.0i Flex / 1.6i / 1.6i Flex, Focus 1.6i, Ka 1.0 SOHC / 1.0 Zetec RoCam / 1.0i / 1.0i Flex / 1.3i / 1.6 SOHC / 1.6 Zetec RoCam / 1.6i / 1.6i Flex.



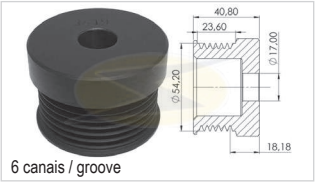
6 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.419 **Equivalente /** Replace:

Alternador / Alternator:

Aplicação / Application: **CATERPILLAR:** 320



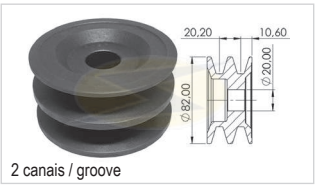
6 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.434 **Equivalente /** Replace:

Alternador / Alternator: A4TU3586, A4T66785, A4TU3521, A4TU7686

Aplicação / Application: **CATERPILLAR:** 320, 50A, 24V, Escavadeira 320 E 320L, 50A 24V



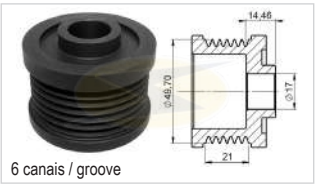
2 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.464 **Equivalente /** Replace: **CARGO:** 333 065, **INA:** 354541, F557045, F55704501, **LESTER:** 79033027, **LUK:** 535014610, **MELCO:** A252C55075, **NISSAN:** 23151EL010, 23151JD20A, **RUVILLE:** 59943, **SKF:** VKM06203.

Alternador / Alternator: **LESTER:** 11343, 11413, 11436, 13258, **MITSUBISHI:** A002TG0881ZC, A002TG1581, A002TG1581AC, A002TJ0281, A002TJ0281ZE, A002TJ0581, A002TJ1381, A2TG0881ZC, A2TG1581, A2TG1581AC, A2TJ0281, A2TJ0281ZE, A2TJ0581, A2TJ1381, **NISSAN:** 23100 1FC1A, 23100 1KM1A, 23100 1KM1B, 23100 EM01B, 23100 JD200, 23100 JD21A, 23100 ZW40A, 23100 ZW40B

Aplicação / Application: **NISSAN:** Qashqai 2.0 (2007->), Sentra L4 2.0 (2007-2010), Tiida 1.8 (2007->), Versa L4 1.8 (2007-2009, X-Trail 2.0 (103kW-Hitachi alt) (2008->), X-Trail 2.0 (104kW-Hitachi alt) (2007->).



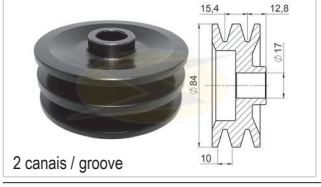
6 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.465 **Equivalente /** Replace:

Alternador / Alternator: **LUCAS:** LRA01995, LRA02205 , LRA1995, LRA2205, **MITSUBISHI:** A002TN1199, A002TN1199AT, A003T15099, A003TN0299, A003TN0399, A003TN0499, A2TN1199, A2TN1199AT, A3T15099, A3TN0299, A3TN0399, A3TN0499, MD306834, MD313940, MD313942.

Aplicação / Application: **HYUNDAI:** H-1 2.5 (2000-2009), HR 2.5L Motor D4BH - 8V (2007-2012), **MITSUBISHI:** L 200 2.5 D Turbo GLS (2004-2007), L 200 2.5 D Turbo GLS Outdoor (2009-2011), L 200 2.5 D Turbo HPE (2004-2007), L 200 2.5 D Turbo HPE Outdoor (2009-2011), L 200 2.5 Diesel 2WD (1995-2001), L 200 2.5 Diesel 4WD (1996-2001), L 200 2.5 Diesel Turbo Intercooler 2WD (1996-2007), L 200 2.5 Diesel Turbo Intercooler 4WD (1996-1998), L 200 Diesel (1996-2001), Pajero 2.5 Diesel Turbo 4WD (1990-1997), Pajero Sport 2.5 TD (1998-2009), Pajero Sport 2.5 TD+ (2006-2009), Challenger 2.5 TD (K94W) (1998-2002), Challenger 2.5 TD 4WD (K94W) (1997-1998)



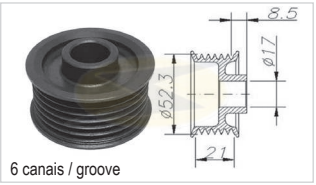
2 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.397 **Equivalente /** Replace:

Alternador / Alternator: A 005 TA 2591, A 002 T8 2091, 96 MF 10300 DC

Aplicação / Application: **FORD:** Courier C/ Motor / W/ Engine Zetec, Alternador / Alternator Mitsubishi - 14v 70a E Alternador Hitachi - 14v 70A / 1.4, Fiesta 1.4, Ka, Ecosport, **HONDA:** Civic, Fit, Jazz



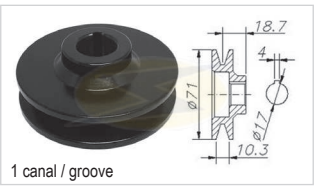
6 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.404 **Equivalente /** Replace:

Alternador / Alternator:

Aplicação / Application: **MITSUBISHI:** Empilhadeira / Forklift Com Alternador Mitsubishi



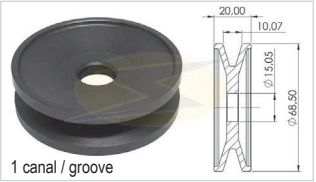
1 canal / groove

Mitsubishi Equivalente / Replace

UF - 3.423 **Equivalente /** Replace:

Alternador / Alternator: 23100 – 50K 10 A 7 T 03371 A – 12V, A007T03371A

Aplicação / Application: **NISSAN:** Empilhadeiras / Forklift



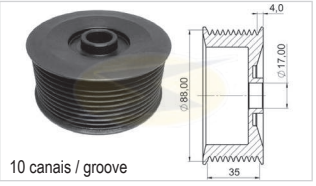
1 canal / groove

Mitsubishi Equivalente / Replace

UF - 3.447 **Equivalente /** Replace:

Alternador / Alternator: **MITSUBISHI:** A004TR5691, A004TR5691ZT, A004TR5491, **ZM:** 90 302 01, 90 302 02, **SCANIA:** 1884268, 1888010, 573015, SC0573015

Aplicação / Application: **SCANIA:** G 440 1633 12.7L motor DC 13.10 (2008), G 480 motor DC13.07 12742ccm (2008-2015), P 480 motor DC13.07 12742ccm (2008-2015), R 480 motor DC13.07 12742ccm (2008-2015), Serie 5 (2010), Serie 6 (2010)



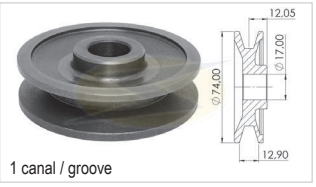
10 canais / groove

Mitsubishi Equivalente / Replace

UF - 3.459 **Equivalente /** Replace:

Alternador / Alternator: **MITSUBISHI:** A007T03277

Aplicação / Application: **BOBCAT:** Empilhadeira, **CLARK:** Empilhadeira, **HANGCHA:** Empilhadeira, **HYSTER:** Empilhadeira, **MAZDA:** Empilhadeira, **CATERPILLAR:** Empilhadeira DP25N 3.3 (2005->), **MITSUBISHI:** FG20 (1980-1987), FG25 (1980-1987), FG30 2.4 (1980-1987)



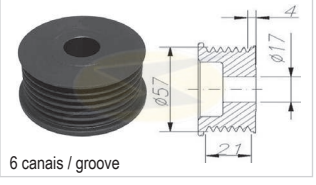
1 canal / groove

Nippondenso Equivalente / Replace

UF - 3.366 **Equivalente /** Replace: 1 126 601 535

Alternador / Alternator: ER / IF, IR, IF (90A), 0 123 310 025, 0 123 320 019, 0 123 505 012, 0 123 505 013, 0 123 510 027

Aplicação / Application: **CHEVROLET-GM, CHRYSLER, DODGE, EAGLE, JEEP, LEXUS, PLYMOUTH, TOYOTA, VOLKSWAGEN:** Gol 1.8 GL, Golf III 1.9 D Turbo / SDi / TDi, Passat 1.9 TDi



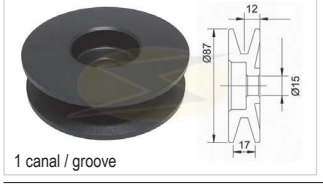
6 canais / groove

Nippondenso Equivalente / Replace

UF - 3.410 **Equivalente /** Replace: 10 12 11/2671

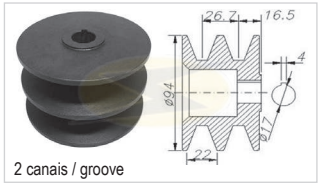
Alternador / Alternator:

Aplicação / Application: **TOYOTA:** Bandeirantes, Jipe, Picape C/ Motor / W/ Engine Toyota 14b 3.7l (Diesel)



1 canal / groove

Prestolite (Delphi/Indiel/Lucas) Equivalente / Replace — UF - 3.333



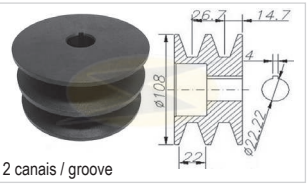
2 canais / groove

Equivalente / Replace: 2Y4213

Alternador / Alternator:

Aplicação / Application: **CATERPILLAR:** Caterpillar - Furo Pequeno

Prestolite (Delphi/Indiel/Lucas) Equivalente / Replace — UF - 3.334



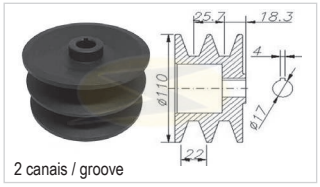
2 canais / groove

Equivalente / Replace: 2Y8924

Alternador / Alternator:

Aplicação / Application: **CATERPILLAR:** Caterpillar - Furo Grande

Prestolite (Delphi/Indiel/Lucas) Equivalente / Replace — UF - 3.359



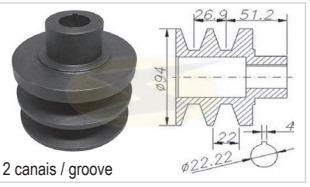
2 canais / groove

Equivalente / Replace: 2Y 4206

Alternador / Alternator:

Aplicação / Application: **CATERPILLAR:** Motoniveladora 120 B, Motor 3306

Prestolite (Delphi/Indiel/Lucas) Equivalente / Replace — UF - 3.362



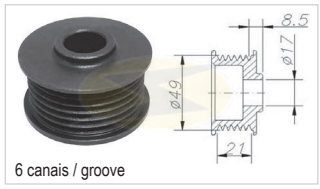
2 canais / groove

Equivalente / Replace: 2P6265, 4N8090

Alternador / Alternator:

Aplicação / Application: **CATERPILLAR:** Com Alternador Prestolite / W/ Prestolite Alternator

Valeo Equivalente / Replace — UF - 3.378



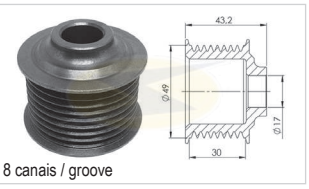
6 canais / groove

Equivalente / Replace: 593714

Alternador / Alternator: 439427, 2542273, 436752, A13VI 193, SG10B012

Aplicação / Application: **CHEVROLET-GM:** Astra 1.8 / 2.0 / 2.0 16V / 2.0 MPFi, Corsa 1.0 OHC / 1.0 16V OHC / 1.4 OHC / 1.6 16V OHC / 1.6 OHC, Corsa Pick-Up 1.6 OHC / 1.6 16V OHC, Corsa Sedan 1.0 OHC / 1.0 16V OHC / 1.6 OHC / 1.6 16V OHC, Corsa Wagon 1.0 16V OHC / 1.6 16V OHC / 1.6 OHC, Omega 3.0 / 4.1, S10 2.0 DLX, Suprema 3.0 / 4.1, Vectra 2.0 / 2.2 / CD 2.2 16V / GLS 2.0 / GSi 2.0 16V / Todos C/ / All W/ Alt. Valeo 100a

Prestolite (Delphi/Indiel/Lucas) Equivalente / Replace — UF - 3.440



8 canais / groove

Equivalente / Replace: **JOHN DEERE:** RE515328, 352 15 304, K01325

Alternador / Alternator: 35214895, 35215304

Aplicação / Application: **JOHN DEERE:** 7505, 7515, 6405, 6415, 6605, 6615, 6 CC

Valeo Equivalente / Replace — UF - 3.405

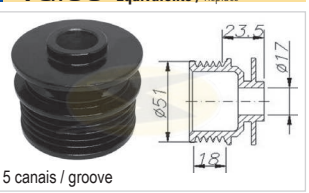
8 canais / groove

Equivalente / Replace:

Alternador / Alternator: A14N183M

Aplicação / Application: **VOLVO:** FH, NH / Globo Trato, C/ Alternador / W/ Alternator Valeo, FH12, FH16, FL12, FM7, FM9, FM10, FM12, B12

Valeo Equivalente / Replace — UF - 3.391



5 canais / groove

Equivalente / Replace: 2542347-A

Alternador / Alternator:

Aplicação / Application: **MERCEDES-BENZ:** Classe A 160 1.7 CDi / Classe A - C/ Alternador / W/ Alternator Valeo

Valeo Equivalente / Replace — UF - 3.411

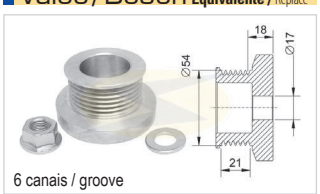
6 canais / groove

Equivalente / Replace: 593518

Alternador / Alternator: 437393, 439430, A11VI94, SG7S010, SG7S071

Aplicação / Application: **RENAULT:** Clio II 1.4i / 1.4i 16V / 1.6i / 1.6i 16V / 1.6i GNV, Kangoo 1.4i / 1.6i / 1.6i 16V, Laguna 1.6i 16V, Logan 1.4 MPi / 1.6 MPi / 1.6i, Mégane 1.4i / 1.4i 16V / 1.6 e / 1.6i / 1.6i 16V, Sandero 1.4 MPi / 1.6 MPi, Scénic 1.4i 16V / 1.6i 16V, Thalia 1.4i / 1.4i 16V / 1.6i 16V

Valeo/Bosch Equivalente / Replace — UF - 3.409



6 canais / groove

Equivalente / Replace: **VALEO:** SG9 B047, **BOSCH:** 0124250310

Alternador / Alternator: 8200 103726 90A, 8200 727051B, 0 986 042 720, 0 986 042 770, 0 124 325 024, 0 124 325 031, 0 124 415 013, 0 124 415 014, 0 124 415 038, 0 124 415 040, 0 124 415 041, 2542548A, SG9B047

Aplicação / Application: **RENAULT:** Logan, Espace, Sandero, Clio II, Kangoo, Laguna, Mégane, Scénic, **CITROEN**

Valeo Equivalente / Replace — UF - 3.413

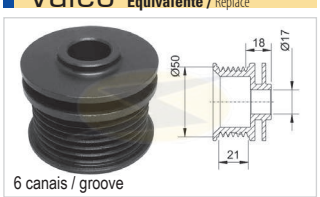
6 canais / groove

Equivalente / Replace: 493813, 555 493

Alternador / Alternator: 43 9466, B2220079, B2220093, SG9B051, SG9B056, SG9B092, SG9B096, 1S6510300AB, 1S6510300BA, 1S6510300BB, 7S6510300AA, 7S6510300AB

Aplicação / Application: **FORD:** Courier 1.0 / 1.6, Escort 1.6 / 1.6 Sw, Fiesta 1.0 / 1.6 / Sedan, Ka 1.0 / 1.6, Novo Fiesta 1.0 / 1.6, EcoSport

Valeo Equivalente / Replace — UF - 3.412



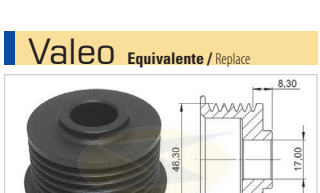
6 canais / groove

Equivalente / Replace: 592920

Alternador / Alternator: 436363, 436364, 436442, 437170, 437392, 437398, 437399, 437403, 437404, 439000, 439001, 439003, 439439, 439444, 439445, 439669, 746053, 746057, 2542279, 2542282, A11VI22, A11VI36, A11VI64, A11VI66, A11VI95, A13VI124, A13VI293, SG8B017, SG8B018, SG9B023, SG9B024, SG12B127, 037903023G, 037903025G, 037903025M

Aplicação / Application: **AUDI:** 80 1.9 TDi, A2, A3, A4, A6, S3, TT, **FORD:** Galaxy 1.9 TDi, **SEAT:** Alhambra, Arosa, Cordoba, Cordoba II, Ibiza I / II / III / IV / V, Inca, Leon, Toledo, **SKODA:** Felicia, Octavia II, Roomster, **VOLKSWAGEN:** Beetle, Fox, Golf II / III / IV / V, Passat III / IV, Polo V / VI / VII / IX, Transporter

Valeo Equivalente / Replace — UF - 3.415



6 canais / groove

Equivalente / Replace: 493807

Alternador / Alternator: 439465, SG9B051

Aplicação / Application: **FORD:** EcoSport 1.0 L Supercharger / 1.6 L Zetec RoCam, Fiesta 1.0 L Supercharger, Fiesta Sedan 1.0 L Supercharger

Valeo Equivalente / Replace — UF - 3.414

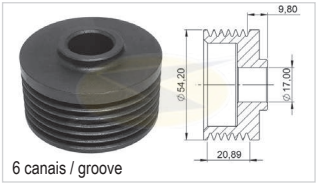
6 canais / groove

Equivalente / Replace: 493802

Alternador / Alternator: 439513, 2548416, SG7S018, 93333653

Aplicação / Application: **CHEVROLET - GM:** Celta 1.0 L OHC / 1.0 L VHC / 1.4 L VHC

Valeo Equivalente / Replace



6 canais / groove

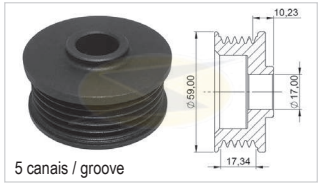
UF - 3.416

Equivalente / Replace: 493804

Alternador / Alternator: 439515, 439521, SG9B043, SG9B044, SG12S051, SG12S055

Aplicação / Application: **CITROEN:** Berlingo 1.4 / 1.4i / 1.6, C4 2.0, C5 1.8, C8 2.0 / 2.2, Picasso 2.0, Xsara 1.4i / 1.6 / 1.8, **FIAT:** Fiorino 1.3, Ulysse 2.0, **PEUGEOT:** 206 1.1 / 1.1i / 1.4i / 1.6i, 307 2.0, 406 1.8, 607 2.0, Partner 1.4 / 1.6

Valeo Equivalente / Replace



5 canais / groove

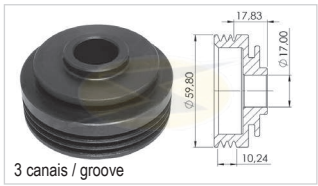
UF - 3.417

Equivalente / Replace: 493800

Alternador / Alternator: 439512, 2542568, SG7S017, 517058640, 93259928

Aplicação / Application: **CHEVROLET:** Corsa, Corsa Pick-Up, Corsa Sedan, Corsa Wagon, **FIAT:** Doblò 1.8 SOHC, Palio 1.8 SOHC, Strada 1.8 SOHC

Valeo Equivalente / Replace



3 canais / groove

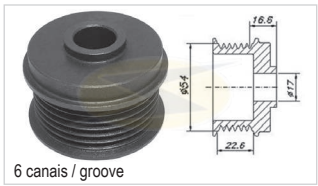
UF - 3.418

Equivalente / Replace: 593623, 593768

Alternador / Alternator: 437323, 437428, 439429, 2542540, A11VI110, SG7S012, SG7S070, 8200064344, 9647983680

Aplicação / Application: **PEUGEOT:** 206 1.0 L D4D, **RENAULT:** Clio 1.0 C1C / 1.0 16V C1C, Kangoo 1.0 C1C

Valeo Equivalente / Replace



6 canais / groove

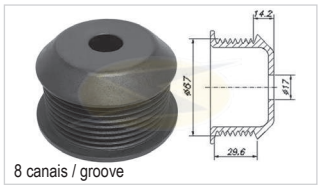
UF - 3.429

Equivalente / Replace: 593701

Alternador / Alternator: A13VI179, 436635, 436636, 436706, 436743, 439064, 439065, 439182, 746067, 2541678, 2541678B, 2541678C, 2541679, 2541679C, 2541927, 2541928, 2542855, 2543561, 2543561A, A11VI81, A13VI72, A13VI73

Aplicação / Application: **CITROEN:** Jumper, **FIAT:** Croma, Ducato, **OPEL:** Arena, Movano, **RENAULT:** Grand Scénic, Master, Iveco, Mégane, Sandero

Valeo Equivalente / Replace



8 canais / groove

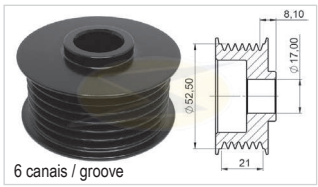
UF - 3.432

Equivalente / Replace: 1636242

Alternador / Alternator: 439231, 437352, A14N183M, A14N 207M, A14N208M

Aplicação / Application: **VOLVO:** FH12, Globetrotter, NH12

Valeo Equivalente / Replace



6 canais / groove

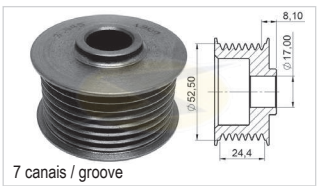
UF - 3.444

Equivalente / Replace: 27411 OY260

Alternador / Alternator: FG9T014 / FG9T017

Aplicação / Application: **TOYOTA:** Etios 1.3 e 1.5 (2012 à 2016)

Valeo Equivalente / Replace



7 canais / groove

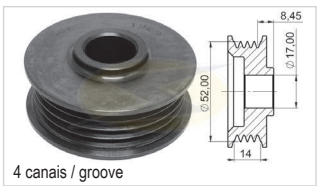
UF - 3.445

Equivalente / Replace: 27411 OY110

Alternador / Alternator:

Aplicação / Application: **TOYOTA:** Etios e Yaris 1.3 / 1.5 (2016 ->)

Valeo Equivalente / Replace



4 canais / groove

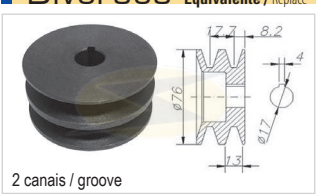
UF - 3.446

Equivalente / Replace: 2712598

Alternador / Alternator: NRG7S013 / 2712616

Aplicação / Application: **RENAULT:** Kwid, Megane, Clio, Scenic, Sandero, Kangoo

Diversos Equivalente / Replace



2 canais / groove

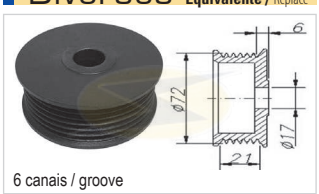
UF - 3.335

Equivalente / Replace: 625/0333653

Alternador / Alternator:

Aplicação / Application: **SCANIA:** Motores / Engines (04/1987→)

Diversos Equivalente / Replace



6 canais / groove

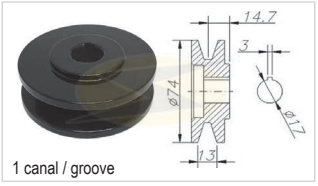
UF - 3.345

Equivalente / Replace: 7 079 314

Alternador / Alternator:

Aplicação / Application: **FIAT:** Palio

Diversos Equivalente / Replace



1 canal / groove

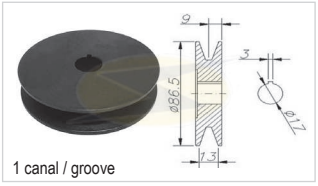
UF - 3.354

Equivalente / Replace: 9 121 450 952

Alternador / Alternator: 9 120 450 143, 9 120 450 987

Aplicação / Application: **MAZDA, MERCURY, MITSUBISHI, FORD:** F4000, F12000, F14000, F1000

Diversos Equivalente / Replace



1 canal / groove

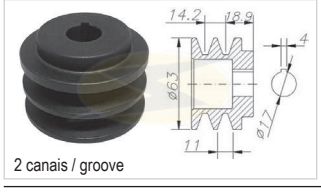
UF - 3.357

Equivalente / Replace: 9 121 450 498

Alternador / Alternator:

Aplicação / Application: **VOLKSWAGEN:** Sedan - Todos C/ / All W/ Dínamo 6v, **MERCEDES-BENZ:** 915, 1417, 2638

Diversos Equivalente / Replace



2 canais / groove

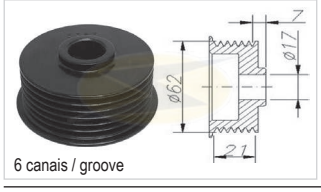
UF - 3.364

Equivalente / Replace:

Alternador / Alternator:

Aplicação / Application: **VALMET:** SÉRIE 1795, **VALTRA:** Tratores

Diversos Equivalente / Replace



6 canais / groove

UF - 3.367

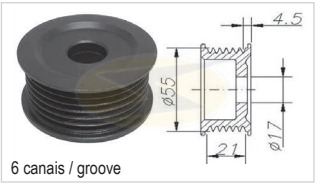
Equivalente / Replace: 593745

Alternador / Alternator: 436613, 436668, 439056, 746006, 746021, A13VI94, A13VI95

Aplicação / Application: **PEUGEOT:** 405, 406, 306, 605, 806, Expert, Partner, **CITROEN:** Berlingo, Evasion, Jumper, Jumpy (Dispatch), Synergie, Xantia, XM, Xsara, ZX, **FIAT:** Scudo, Ulysse

Diversos Equivalente / Replace

UF - 3.370 Equivalente / Replace:



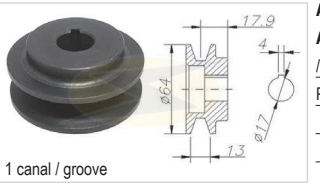
6 canais / groove

Alternador / Alternator:

Aplicação / Application: **RENAULT, CITROEN, PEUGEOT**

Diversos Equivalente / Replace

UF - 3.383 Equivalente / Replace:



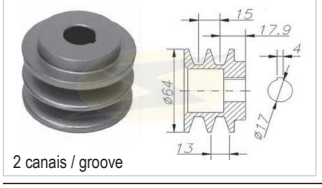
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **VALMET:** Tratores / Tractors - 1780 / 1280 - C/ Motor / W/ Engine Mwm (Painel Digital / Digital Paner), **VALTRA:** Tratores.

Diversos Equivalente / Replace

UF - 3.384 Equivalente / Replace: 82610900



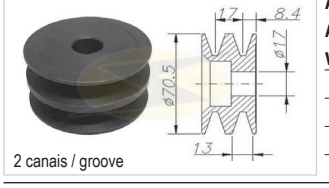
2 canais / groove

Alternador / Alternator:

Aplicação / Application: **VALMET:** Tratores / Tractors - 1780 / 1280 - C/ Motor / W/ Engine Mwm (Painel Digital / Digital Panel), **VALTRA:** Tratores

Diversos Equivalente / Replace

UF - 3.385 Equivalente / Replace: 82024500



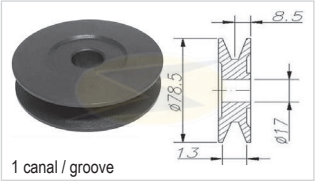
2 canais / groove

Alternador / Alternator:

Aplicação / Application: **VALMET:** Tratores - BH180 / BH140, **VALTRA:** Tratores

Diversos Equivalente / Replace

UF - 3.386 Equivalente / Replace: 82024400



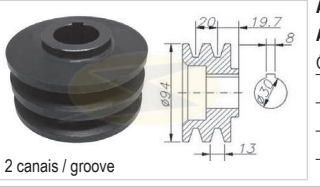
1 canal / groove

Alternador / Alternator: 9 120 080 204

Aplicação / Application: **AGRALE:** 1600 TX, 7500 TDX, Trator 4230 / 4230.4 / 4230.4 S, **VOLMET:** Tratores / Tractors - Bm110 / Bm985, 885 4x4 / 885 S / 980 / 985 S / 1180 / 1380 S / 1680 S / 1780 / 1800 / 1880 S, **VALTRA:** Tratores, **VOLKSWAGEN:** Gol 1.6, Parati 1.6, Saveiro 1.6, Voyage 1.6

Diversos Equivalente / Replace

UF - 3.389 Equivalente / Replace:



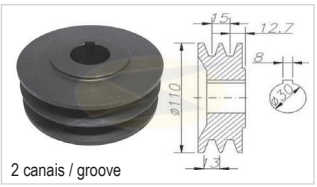
2 canais / groove

Alternador / Alternator:

Aplicação / Application: **OUTRAS:** Condicionador De Ar Para Ônibus / Air Conditioning System For Bus

Diversos Equivalente / Replace

UF - 3.394 Equivalente / Replace:



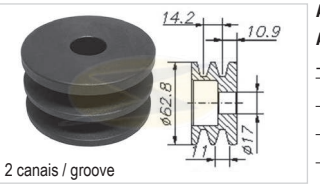
2 canais / groove

Alternador / Alternator:

Aplicação / Application: **SCANIA:** Com Ar Condicionado - Alternador 105A

Diversos Equivalente / Replace

UF - 3.400 Equivalente / Replace:



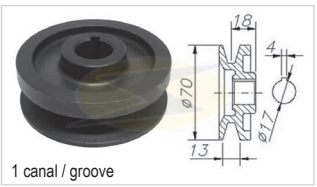
2 canais / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Vectra C/ Ar-Condicionado 120a, **MARCOPOLO:** Micro Ônibus Volare

Diversos Equivalente / Replace

UF - 3.403 Equivalente / Replace:



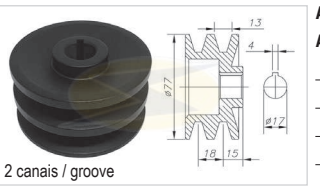
1 canal / groove

Alternador / Alternator:

Aplicação / Application: **CHEVROLET-GM:** Pick-Up C 10 - 6 Cil. (1967→1981), Caminhões / Trucks A14c / C14c

Diversos/ZM Motores Equivalente / Replace

UF - 3.431 Equivalente / Replace:



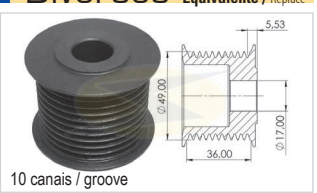
2 canais / groove

Alternador / Alternator: ZM 9010501

Aplicação / Application: **GREEN HORSE:** Tratores Agrícolas

Diversos Equivalente / Replace

UF - 3.433 Equivalente / Replace:



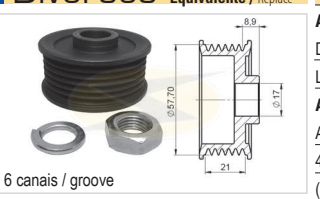
10 canais / groove

Alternador / Alternator:

Aplicação / Application: **VOLVO:** Empilhadeira Linde / Forklift

Diversos Equivalente / Replace

UF - 3.460 Equivalente / Replace:



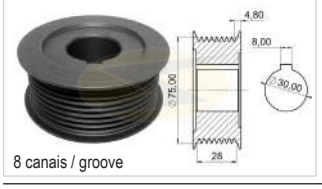
6 canais / groove

Alternador / Alternator: **BOSCH:** 0 986 UR6 300, **DELCO:** DRA1349, **HYUNDAI/KIA:** 37300-2E400, **PRESTOLITE:** LRA03935, **VALEO:** 600230, 612741.

Aplicação / Application: **HYUNDAI:** HB20 Alternadores de 90 A e 120 A, IX 35 2.0 GDi [G4NC] (2013->), IX 35 2.0 GDi 4WD [G4NC] (2013->), Tucson (2015->), Tucson 2.0 AWD (2015->), **KIA:** Sportage 2.0 [G4NC] GDi / 4WD (2014->)

Diversos/Valtra Equivalente / Replace

UF - 3.463 Equivalente / Replace: 392541001



8 canais / groove

Alternador / Alternator:

Aplicação / Application: **VALTRA:** Colhedora de Cana BE1035E e BE1035E TIER 3

Wapsa Equivalente / Replace

UF - 5.505 Equivalente / Replace:

Dínamo / Dynamo: (WAPSA)

Alternador / Alternator:

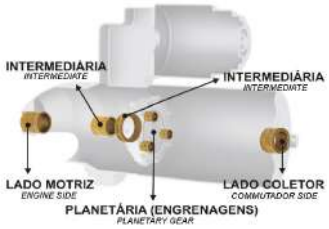
Aplicação / Application: **VOLKSWAGEN:** Sedan, Brasília e Kombi.

POLIAS: 3.301, 3.302 e 3.424

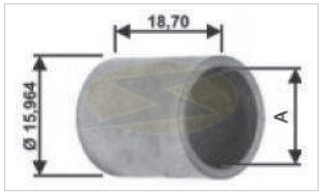
Observação / Notes: 100 peças por pacote / *100 pieces per package*

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM

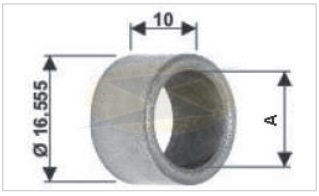


BC1-0001-00 **STD** A = Ø 12,764
BC1-0001-02 **2X** A = Ø 12,635
BC1-0001-03 **3X** A = Ø 12,513

Aplicação / Application: **WILLYS OVERLAND:** Jeep, Rural, **FORD:** F75 Motor WAPSA, F100, F350, F600 após 1970 Motor WAPSA MP 41A e MZ 40A

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / LC

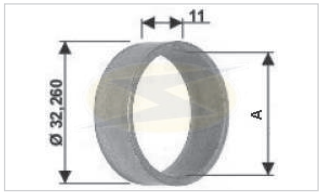


BC1-0002-00 **STD** A = Ø 12,548
BC1-0002-02 **2X** A = Ø 12,426
BC1-0002-03 **3X** A = Ø 12,299

Aplicação / Application: **DODGE:** DP 500, 600 e 800 c/ Perkins - Motor LUCAS, **FIAT:** Tempra 2.0 SPI e MPI 8 e 16V. Turbo 2.0 MPI 8V, **FORD:** Fiesta 1.0 / 1.3 / 1.4, Escort Verona - Motor WAPSA LC, Escort Motor BOSCH, **CHEVROLET- GM:** Corsa 1.0 e 1.4, Omega 2.0, 2.2 e 3.0 Powertech, Vectra 2.0 e 2.2 Powertech Motor BOSCH, **MERCEDES BENZ:** Classe A 160, **PEUGEOT:** 105 1.0i, 205 1.4i, 206 1.6i, 306 1.6i, 306 1.8i 16V, Partner 1.4i, **SCANIA:** Caminhões, **VOLKSWAGEN:** Logus e Pointer - Motor WAPSA - LM

Observação / Note: Caixa com 10 peças / Box with 10 pieces (BOSCH: JF)

LM

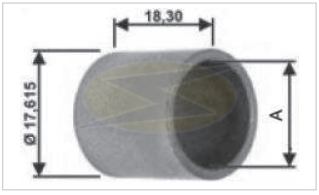


BC1-0003-00 **STD** A = Ø 28,385
BC1-0003-02 **2X** A = Ø 28,285
BC1-0003-03 **3X** A = Ø 28,155

Aplicação / Application: **AUDI:** A3 1.6 / 1.8T, S3 1.8 T Quattro, TT Coupé 1.8 T Quattro / Roadster, **FORD:** Escort 1.6 / 1.8 / 2.0I, Verona 1.8i / 2.0i, Fiesta 1.0 / 1.3 / 1.4, **PORSCHE:** Boxter 2.5i, **SEAT:** Cordoba 1.0 / 1.4 / 1.6 - 8V e 16V, Ibiza 1.6 / 1.8, Vario 1.6 , Inca 1.6, **VOLKSWAGEN:** Gol Cli 1.6 (sem ar) e 1.8 (com ar), Voyage, Parati e Santana todos 2.0 e Golf GTI 2.0, Logus 1.8 / 2.0, Pointer, Pólo 1.6 / 1.0 16V, Pólo Sedan, Pólo Classic ate 01/2000, Fox 1.0 / 1.6 após 05, Beetle (New) 2.0, Golf Geração IV 1.8 / GTI Turbo / 2.0i, **VOLVO:** S80 2.8 T6, S80 2.9

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

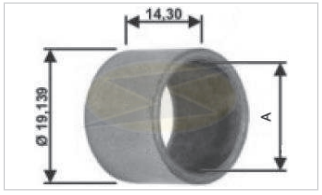


BC1-0004-00 **STD** A = Ø 14,288
BC1-0004-02 **2X** A = Ø 14,160
BC1-0004-03 **3X** A = Ø 14,037

Aplicação / Application: **AGRALE:** Trator T-4200, T-4300 motor M-790, **BOBCAT:** Pás carregadeiras, **CBT:** Trator 1100 com Perkins 4 cil. após 1971, **FORD:** Pás carregadeiras, **CLARK:** Pás carregadeiras, **MASSEY FERGUSON:** Tratores 235, 250 e 265 Motor WAPSA e Tratores 55, 65X, 235, 250 e 265 Motor WAPSA MP.B 17/18. Tratores 55, 65RX Motor WAPSA MP e MF3, **MAXION:** Trator MF 50X, 55X, 65X, 65R, 235, 250 e 265 após 11/71, Trator MF 65R, 50, 55X, 65X até 1971 - 12V 22CV, **MERCEDES BENZ:** Onibus após 12/73

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

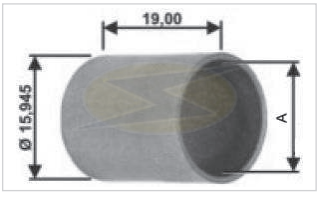


BC1-0005-00 **STD** A = Ø 15,952
BC1-0005-02 **2X** A = Ø 15,824
BC1-0005-03 **3X** A = Ø 15,702

Aplicação / Application: **MASSEY FERGUSON:** Trator MF235 / MF250 / MF265 / MF295/4 6.358A / MF295 / MF296 6.354-4A / MF296/4 6.354-4A / MF296 / MF50X / MF55X / MF65X, Tratores 55, 65RX Motor WAPSA MP e MF3. Tratores 951 e 95iX Motor WAPSA MP.B.2, **FORD:** Trator 8BR, Jeep Willys, F75, F100, F350, F600 após 1970, **CBT:** Trator 1090 até 1971, **CLARK:** Trator Michigan 75A, 11 111 até 1971, **EATON:** Pá carregadeira 250A, 1900, Empilhadeira D83P, D83C e D87P até 1971, **CHEVROLET- GM:** Caminhão Diesel com Perkins 6cil. e Pick-up Diesel com Perkins 4cil. Até 1971, **MAXION:** Trator MF 65R, 50, 55X, 65X, 95X, 951 até 1971, **MULLER:** Compressor com Motor Perkins

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

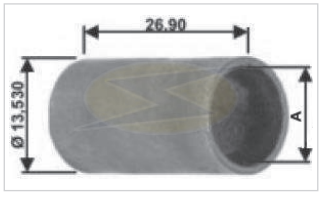


BC1-0006-00 **STD** A = Ø 14,303
BC1-0006-02 **2X** A = Ø 14,175
BC1-0006-03 **3X** A = Ø 14,052

Aplicação / Application: **CHEVROLET- GM:** A10, Opala 6cil. Após 01/81 Motor DELCO, Opala 6cil. Até 12/80 Motor DELCO 7.322.463, Caravan 4 E 6cc, C10 6c

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / I

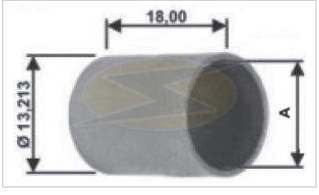


BC1-0007-00 **STD** A = Ø 11,653
BC1-0007-02 **2X** A = Ø 11,540

Aplicação / Application: **FIAT:** Tipo 1.6 / 2.0, Spazio, Uno, Fiorino, Elba, Premio 1.5 e 1.6, **PEUGEOT:** 504

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / I

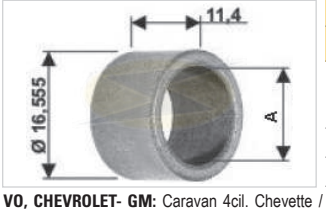


BC1-0008-00 **STD** A = Ø 11,963
BC1-0008-02 **2X** A = Ø 11,836
BC1-0008-03 **3X** A = Ø 11,709

Aplicação / Application: **CHEVROLET- GM:** A10, Opala 6cil Até 12/80 / 4cil Após 12/80, **FORD:** Escort 1.8 16V, Ka e Fiesta com motor 1.3 Endura a Gasolina

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC



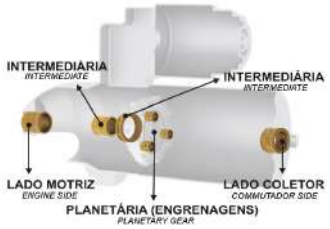
BC1-0009-00 **STD** A = Ø 12,548
BC1-0009-02 **2X** A = Ø 12,426
BC1-0009-03 **3X** A = Ø 12,299

Aplicação / Application: **GRALE, ALFA ROMEO, BMW, CBT, CHRYSLER, DODGE, CITROEN, YANMAR, GURGEL, MASSEY FERGUSON, OPEL, PEUGEOT, RENAULT, SUZUKI, VAUXHALL, LADA, MOTOR TIETÊ, SEAT, VOLVO, CHEVROLET- GM:** Caravan 4cil. Chevette / Marajó, Monza, Opala, Chevy, Ipanema 1.8, Kadett 1.8 , Omega e Suprema 2.0 3.0 e 4.1i, Silverado 4.1, Celta 1.0, Corsa 1.6, Agile 1.4 Flex, Astra 1.4, Classic 1.0, Corsa Pick-Up, Corsa Sedan, Meriva 1.4, Montana 1.4, Vectra 1.6, **FIAT:** 147, Panorama, Fiorino, Spazio, Oggi, Uno Mille, Uno, Prêmio, Elba, Tempra, Duna, Doblo, Palio, Siena, Strada, Tipo, **FORD:** Corcel II, Belina II, Del-Rey, Pampa, Scala, Escort, Verona, Versailles, F75, F100, Fiesta, Maverick 6cc, Jeep, Rural, **VOLKSWAGEN:** Apollo, Brasilia, Kombi, Variant, Fox, Gol, Fusca, Saveiro, Santana, Voyage, Parati, Passat

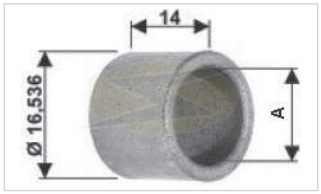
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM

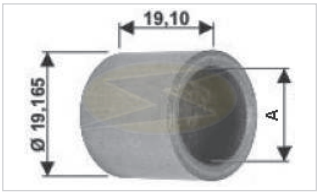


BC1-0010-00 **STD** A = Ø 12,522
BC1-0010-02 **2X** A = Ø 12,395
BC1-0010-03 **3X** A = Ø 12,268

Aplicação / Application: **AGRALE:** Motor estacionário M93 (ano até 1977), Motores Estacionários após 07/77, **CHEVROLET- GM:** Caravan, Chevette, Marajó, Monza, Opala, **VOLKSWAGEN, CBT, CLARK, VALMET**

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / LC

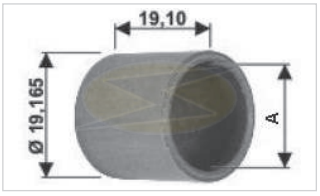


BC1-0011-00 **STD** A = Ø 14,428
BC1-0011-02 **2X** A = Ø 14,301
BC1-0011-03 **3X** A = Ø 14,200

Aplicação / Application: **CATERPILLAR:** 3114, 3116, 3176, 3304, 3306, 3406, 3408, 3412, 910, 916, 926, 926, **FORD:** Caminhões com motor Cummins série C, Cargo Modelos 1622, 1630, 2422, 2622, 2626, 2630, 2631, 3222, 4030, **CHEVROLET- GM:** 12170, 14190, 15190, 16220 com motor Caterpillar, **JOHN DEERE:** Colheitadeiras, **MERCEDES BENZ:** Todos com motor série BR-400 12 e 24V Motor, Caminhões 1633, L1632, LS1632, LS1634, L1938, S1938, L1628, L1944, L2638, OF1722, OH1628, **VOLKSWAGEN:** Caminhões com motor Cummins série C, Titan Tractor

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO REMY: 37 MT / 42MT)**

LM

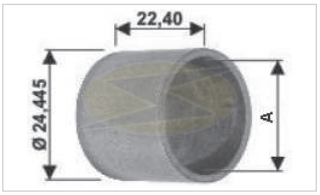


BC1-0012-00 **STD** A = Ø 16,002
BC1-0012-02 **2X** A = Ø 15,820
BC1-0012-03 **3X** A = Ø 15,770

Aplicação / Application: **CATERPILLAR:** 3406, 3408, 3412, D-320, 910, 916, 926, 926E, **FORD:** Caminhões com motor Cummins série C - 6l, 12 e 24V Motor DELCO 42MT, **JOHN DEERE:** Colheitadeiras - CHT 2500B e CHW 2500B motor Scania Motor DELCO 42MT, **MERCEDES BENZ:** Todos com motor série BR-400 12 e 24V Motor DELCO 42MT, **VOLKSWAGEN:** Caminhões com motor Cummins série C - 6l, 12 e 24V Motor DELCO 42MT

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO REMY: 42MT)**

I

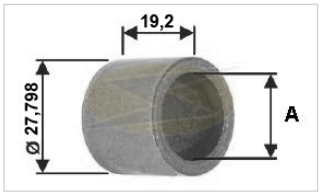


BC1-0013-00 **STD** A = Ø 21,325
BC1-0013-02 **2X** A = Ø 21,198

Aplicação / Application: **FORD:** Caminhões com motor Cummins série C - 6l, 12 e 24V, **MERCEDES BENZ:** Todos com motor série BR-400 12 e 24V, **VOLKSWAGEN:** Caminhões com motor Cummins série C - 6l, 12 e 24V **(DELCO 42MT)**

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO REMY: 42MT)**

LC

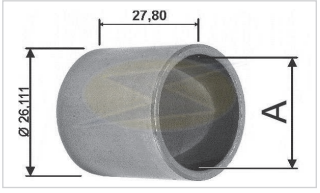


BC1-0014-00 **STD** A = Ø 12,764

Aplicação / Application: **FORD:** F-100 motor 6cc, anos 1970 até 1977, F-400, F-600, F-700

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

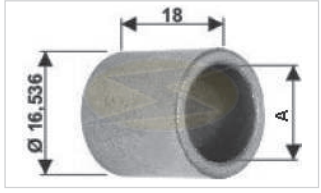


BC1-0015-00 **STD** A = Ø 22,187

Aplicação / Application: **FIAT:** Trator AD7B (MWM-D 229-6) após 08/75, FNM D9500, **HUBER-WARCO:** Motonivelladora com MBB OM 326, **KOMATSU:** Trator D50 A, OM 352-A, **MALVES:** Trator com MBB OM 352, **MERCEDES BENZ:** Malves Com

Observação / Note: Caixa com 6 peças / Box with 6 pieces **(BOSCH)**

LM / LC

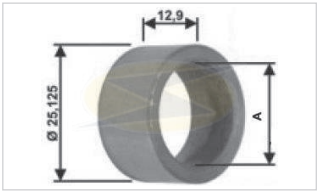


BC1-0016-00 **STD** A = Ø 12,522
BC1-0016-02 **2X** A = Ø 12,395
BC1-0016-03 **3X** A = Ø 12,268

Aplicação / Application: **AGRALE, BRASITÁLIA, CASE, CBT, CLARK, CUMMINS, CHRYSLER, DODGE, EL DETALHE, FORD, JOHN DEERE, MASSEY FERGUSON, IVECO, FIAT ALLIS, VOLKSWAGEN, CHEVROLET- GM, CASE, KOMATSU, MALVES, MAXION, MERCEDES BENZ, MULLER, POCLAIN, PUMA, SCANIA, SLC, TEMA TERRA, TOYOTA, VALMET, VIBRO, VOLVO, YANMAR**

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH: JD / JF)**

I

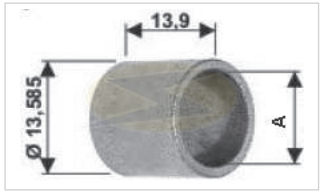


BC1-0017-00 **STD** A = Ø 19,113
BC1-0017-02 **2X** A = Ø 18,911
BC1-0017-03 **3X** A = Ø 18,834

Aplicação / Application: **TOYOTA, AGRALE:** TX 1600 (MWM-D229-3) até 12/94, **BRASITÁLIA:** Tratores 300C, 400, **CASE:** Colhetadeira 960, Pá carregadeira W-20 com MBB, MWM até 09/76, **CBT:** Trator 1105 até 09/76, **CHRYSLER, DODGE:** Caminhão D950 com MWM até 07/77, **CLARK, FIAT:** Caminhões 100 / 130 / 70, **CASE:** Tratores, **KOMATSU:** Tratores D50 A, **MALVES, MASSEY FERGUSON:** Tratores 50, 55X, 65XR, 85X, 95, 235, 250, 265, 285, **MAXION, MERCEDES BENZ:** Todos / All JD, Caminhão L 608D, Motor estacionário, industrial, gerador e marítimo OM 314 até 09/76, Caminhões 1113, 1313, 1513, 1013, 2213, 1316, 1516, 1016, 2216, de 04/75 até 09/76, chassi para ônibus OF e OH 1113 e 1313 de 04/75 até 09/76, **MULLER:** Escavadeira Hidráulica, Rolo compactador, **MWM:** Motores de 4 e 6 cilindros, **POCLAIN:** Guindaste 95 CV e 142 CV até 09/76, **TEMA TERRA:** Rolo Compactador CP 27, Vibrador CA 25, **VALMET:** Tratores 62ID e 651D / 110ID / 85ID, **VIBRO:** Rolo Compactador CP 22 / 27, Vibrador CA 25, **YANMAR:** Motores estacionários A E-1 e A E-2 até 08/77

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM



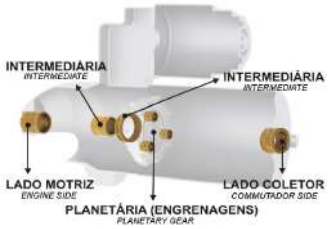
BC1-0018-00 **STD** A = Ø 11,048
BC1-0018-02 **2X** A = Ø 10,921
BC1-0018-03 **3X** A = Ø 10,794

Aplicação / Application: **VOLKSWAGEN:** Gol Motor WAPSA. Sedan 1300, 1500, 1600 4p, Kombi, Karmann Guia, Variant, TL, TC, Brasília e SP-2 após 1967 Motor WAPSA MW.V.12. e Motor BOSCH, Fusca 1300 / 1500 / 1600 / 1.3 / 1.6, Gol I 1.3 / 1.6, Karmann Ghia 1600, Kombi 1.3 / 1.5 / 1.6, Saveiro I 1.6, Variant II 1600, **GURGEL:** BR800, Tocantins 1.6 L / TR, **TIETÊ:** Motor RD900 / RD900L / RD950 / RD950L, **FORD:** Aero Willys Motor WAPSA, Jeep, Rural, Pick-Up F75, Maverick 4 e 6 Cil

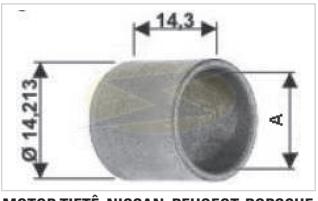
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM

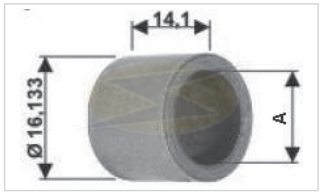


BC1-0020-00	**STD**	A = Ø 12,063
BC1-0020-02	**2X**	A = Ø 11,938
BC1-0020-03	**3X**	A = Ø 11,813

Aplicação / Application: **AGRALE, LUCAS INDIEL, YANMAR, ALFA ROMEO, AUDI, BMW, CBT, CHRYSLER, DODGE, CITROEN, FIAT, FORD, CHEVROLET- GM, GURGEL, JAGUAR, LADA, LAND ROVER, MERCEDES BENZ, MOTOR TIETÊ, NISSAN, PEUGEOT, PORSCHE, RENAULT, SEAT, SUZUKI, TOYOTA, VOLKSWAGEN:** Beetle (New), Golf, Passat, Parati, Quantum, Santana, Saveiro, Voyage, Pointer, Polo, Orion...

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

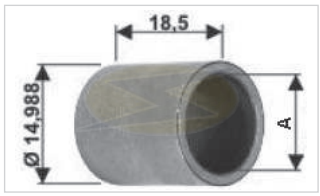


BC1-0019-00	**STD**	A = Ø 12,063
BC1-0019-02	**2X**	A = Ø 11,936
BC1-0019-03	**3X**	A = Ø 11,809

Aplicação / Application: **AUDI:** A6, **BMW:** 316, 318, 320, 323, 518, 1502, 1600, 1602, 1802, **FORD:** Escort, Corcel e Corcel II, Belina e Belina II, Pampa, Del-Rey **CHEVROLET-GM:** Caravan 4cil, Chevette / Marajo, Chevy, Ômega, Silverado, Opala, Vectra, Corsa, Astra, Vectra, Zafira, S10, Blazer, Meriva, **MERCEDES BENZ:** MB 180D - Furgão, Sprinter, **PEUGEOT:** 106, 205, 206, 306, Partner, **VOLKSWAGEN:** Gol GTI / GTS / MI 16V

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

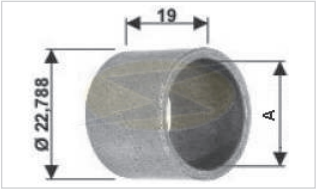


BC1-0021-00	**STD**	A = Ø 11,998
BC1-0021-02	**2X**	A = Ø 11,873
BC1-0021-03	**3X**	A = Ø 11,748

Aplicação / Application: **FORD:** Aero Willys, Itamaraty, Rural, Jeep 12V, Galaxie, Landau, Maverick 8cil, F-100, 350 e 600, **YALE:** Empilhadeira GL83C / GL83P / GL87P, **HYSTER:** Guindaste KF até 07/70, **EATON, CHRYSLER, DODGE:** Dodge Dart, Charger, Sedan, Gran Coupé, Caminhões D100, 400, 900 8cil. Gasolina, E11, E13, E21 álcool, **CLARK:** Empilhadeira CHY 40/50 após 1971, **VOLKSWAGEN:** 1200 até 1966

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

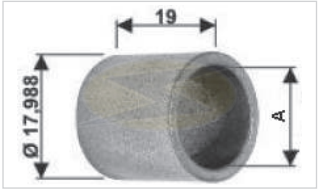


BC1-0022-00	**STD**	A = Ø 18,830
BC1-0022-02	**2X**	A = Ø 18,690
BC1-0022-03	**3X**	A = Ø 18,563

Aplicação / Application: **CBT:** Caminhões / Trucks, Trator 1090, 1100, **CHEVROLET-GM, CLARK:** Empilhadeiras C300, HY 40 / 50 / 60, CHY 40 / 50 / 60 / 70 / 80 / 100 / 120 / 140, Trator Michigan, Caminhões Diesel, **FORD:** Aero Willys, Itamaraty, Rural, Jeep 12V, Galaxie, Landau, Maverick 8cil, F-100, 350, 600, F13000, F19000, F21000, F22000, Cargo 1113 / 1313, C1218, C1415, C1418, C1618, Caminhão F1000, 2000, 4000, 7000, 11000, 12000 e 13333, **MASSEY FERGUSON:** Plantadoras e Semeadoras, Tratores, **VOLKSWAGEN:** 690, 690 S, 790 S, 7110 S, 7110 S, 11140, 12140 H, 14140, 22140, **FIAT-ALLIS:** Retroescavadeira, **NEW HOLLAND:** Trator 4630 / 5030 / 5630 / 6630 / 7630 / 7830, **AGRALE:** Trator/ Tractor T4200, T-4300, **CASE:** Pá Carregadeira, Retroescavadeira 580E, 580CK e 580H, **CHRYSLER, DODGE:** Dodge Dart, SE, Charger, Sedan, Gran Coupé, Caminhões D100, 400, 900 8cil., **EATON:** Empilhadeira GL83P, GL83C, GL87P, Pá carregadeira 250A, 1900, Empilhadeira D83P, D83C e D87P após 1971, **HYSTER:** Guindaste KF até 07/70, Empilhadeira, **MAXION:** Trator MF 50X, 55X, 65X, 65R, 235, 250, 265, 95X e 951, 95Y, 85X, 275, 285, 290, 295, 296, 290, Colhedeira 220, **MERCEDES BENZ:** Onibus após 12/73, **VALMET:** Todos com motor MWM

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

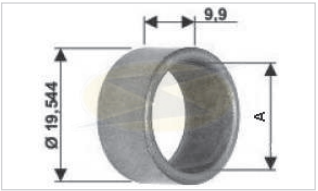


BC1-0023-00	**STD**	A = Ø 14,325
BC1-0023-02	**2X**	A = Ø 14,160
BC1-0023-03	**3X**	A = Ø 14,025

Aplicação / Application: **FORD:** Cargo C1218, C1415, C1418, C1618, 1113, 1313, Caminhão F1000, F2000, F4000, F7000, F11000, F12000, F13000, F13333, F14000, F19000, F21000, F22000, Trator 4600, 5000 e 6600 após 1971, **MASSEY FERGUSON:** Tratorers MF 95I, 95X, 95 iX, 275, 285, 290, 295, 296, 400, Plantadora e Semeadora 220, **VOLKSWAGEN:** 690, 690 S, 790 S, 7110 S, 7110 S, 11140, 12140 H, 14140, 22140, 11130, 13130, **FIAT-ALLIS:** Retroescavadeira FB80.2, **NEW HOLLAND:** Tratores 4630 / 5030 / 5630 / 6630 / 7630 / 7830, **CBT:** Trator 1090, 1100, **MWM, VALMET:** Todos com motor MWM Motor WAPSA MP.B.42, Eixo Grosso / Thick Shaft, **CASE:** Pá Carregadeira W-7 com Perkins 6cil.; Retroescavadeira 580E, 580CK e 580H, **CHRYSLER - DODGE:** Caminhões P700, P400 com Perkins, D750, 950, 1400 TD 6x4, **CLARK:** Empilhadeira CHY 60, 70, 80, 100, 120 e 140, Trator Michigan 75A, 11 111 até 1971, Trator Michigan 75A, 11, 111, Empilhadeira C300, HY 40, 50, 60, **EATON:** Empilhadeira GL83P, GL83C, GL87P, D83P, D83C, D87P, Pá carregadeira 250A, 1900, **CHEVROLET- GM:** Caminhão Diesel com Detroit / Perkins, **HYSTER:** Empilhadeira c/ Perkins 4cil. E c/ GM 4cil, **MAXION:** Trator MF 95X e 951, 95Y, 85X, 275, 285, 290, 295, 296, 290 e Alc.; Colhedeira 220, Trator MF 95X e 951 até 1971, **MULLER:** Compressor com Motor Perkins,

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

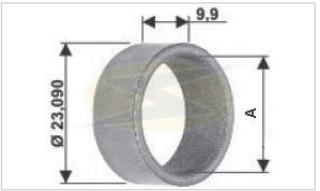


BC1-0024-00	**STD**	A = Ø 15,748
BC1-0024-02	**2X**	A = Ø 15,621
BC1-0024-03	**3X**	A = Ø 15,494

Aplicação / Application: **MERCEDES BENZ, CBT, AGRALE, CBT, CHRYSLER - DODGE, CLARK, CUMMINS, EL DETALHE, FIAT - ALLIS, FIAT, FORD, CHEVROLET- GM, IVECO, JOHN DEERE, KOMATSU, SLC, TEMA TERRA, TOYOTA, VALMET, MALVES, MASSEY FERGUSON, MAXION, MULLER, MWM, POCLAIN, PUMA:** Série 900, 914, 7900, 7900T, **SCANIA:** Ônibus e Caminhões - F, L e P 94, **CASE:** Escavadeiras de esteira 80CR, Escavadeiras de rodas 80P, Trator W18, W20, **VIBRO:** Rolo Compactador CP 22, CP 27, Vibrador CA 25, **VOLKSWAGEN:** 11130, 13130, 13190, 14170 BT, 15170, 16170, 16200, 17210 (6BTAA) Caminhão 7.140 Canavieiro 7100, 7120, 8100, 8120, 8140, 8150, CO CE 8150 OD, 9150 OD, 12180, 12140T, 13150, 13180, 14150, 14180, 14200, Caminhões 16170 BT-16200, 7140, 11130 e 13130, 7110S Turbo, Chassi para ônibus Volksbus 16180CO, 16210CO, 17210OD, 17240OT, B16180, L80 (6.10, 6.10 TCA, 4.10 TCA), Série-12t, 12170BT, 13170, 13190, 14170BT, 15170, 16170, 16170BT, 16200, 16210, 16180CO, 17210, 17210OD, 17240OT, B16180, e L80 (4.10 TCA, 6BTAA, 6.10 e 6.10TCA), **YANMAR:** Motores estacionários A E-1, A E-2, BT22, BT33, BTD22, BTD33 e Tratores 1050D, 1050D

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH: JF / JD)**

I



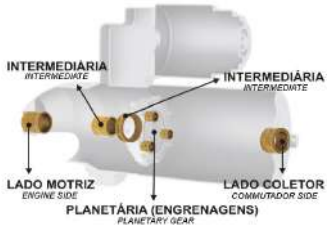
BC1-0025-00	**STD**	A = Ø 19,101
BC1-0025-02	**2X**	A = Ø 18,974
BC1-0025-03	**3X**	A = Ø 18,847

Aplicação / Application: **CASE, CHRYSLER - DODGE, CLARK, FIAT - ALLIS, FIAT, FORD, CHEVROLET- GM, IVECO, CASE, JOHN DEERE, KOMATSU, MALVES, MASSEY FERGUSON, MAXION, MULLER, MWM, POCLAIN, PUMA, SCANIA, SLC, TEMA TERRA, TOYOTA, VALMET, VIBRO, MERCEDES BENZ:** Caminhões L608D (OM314), 1113, 1313, 1513, 2013, 2213 (OM352), Motor estacionário, industrial, gerador e marítimo OM 314, OM 352, OM 352A, L608D, 709, 710, 712, L708E, LO708E, LO809, LO812, LO814, 912, 914, L1013, L1111, L1113, L1114, L1116, L1117, L1118, LA1113, LA1117, LPO1113, 1214C, L1218, LA1313, L1313A, L1314, L1316, L1316A, L1317, L1318, L1418, L1513, L1516, L1517, L1518, L1620, 1718, 1720, 1723, 1714K, 1717K, 1718K, 1721S, 1722S, L2013, L2014, L2016, LA2013, L2213, L2214, L2216, L2217, LA2213, LB2218, LK2218, L2314, L2318, LB2318, LK2318, 2418, 0364, 0365, OF1113, OF1114, OF1313, OH1313, OH1314, OH1316, OF1314, **CBT:** Tratores / Tractors, **AGRALE:** Motores Mwm Diesel, **VOLKSWAGEN:** 11130, 13130, 12170 BT, 13190, 14170 BT, 15170, 16170, 16200, 17210, **YANMAR:** Motores estacionários A E-1 e A E-2, BT22, BT33, BTD22, BTD33 e Tratores 1050D, 1050D

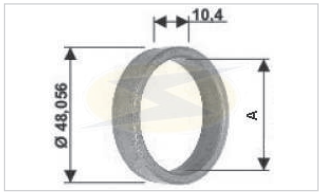
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH: JF / JD)**

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM

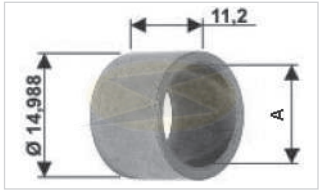


BC1-0027-00 STD A = Ø 40,093
BC1-0027-02 2X A = Ø 39,966
BC1-0027-03 3X A = Ø 39,839

Aplicação / Application: **SSB, ATLAS COPCO, CASE, CATERPILLAR, CUMMINS, EL DETALHE, FIAT - ALLIS, FIAT, HUBER-WARCO, IVECO, CASE, KOMATSU, MAFERSA, MALVES, MASSEY FERGUSON, MAXION, MERCEDES BENZ, MWM, SCANIA, VILLARES, VOLKSWAGEN, VOLVO,**

Observação / Note: Caixa com 8 peças / Box with 8 pieces **(BOSCH: KB)**

LC

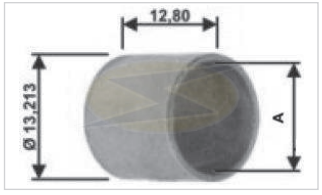


BC1-0029-00 STD A = Ø 11,998
BC1-0029-02 2X A = Ø 11,873
BC1-0029-03 3X A = Ø 11,798

Aplicação / Application: **VOLKSWAGEN:** Kombi, Passat, Gol, Voyage, Santana, Parati, Brasília, Saveiro, **FORD:** Pampa, Corcel II, Belina II, Del-Rey, Escort, Jeep, Maverick, Rural, F75, Royale, F1000, **RENAULT:** Clio 1.8i, R9 1.7, R11 1.7i, R19 1.7 / 1.7i, R21 1.7 / 1.7i, Super 5 1.7, Trafic 1.7, Laguna G.Tour, Nevada, Megane, **PEUGEOT:** 106, 205, 206, 207, 306, 309, 405, 605, Partner, **CITROEN:** AX 1.3, Berlingo, C15, Saxo, XM, Xsara, ZX, **FIAT:** 147 Fiorino / Panorama, **CHEVROLET - GM:** Caravan, Chevette, Marajó, Monza e Opala

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

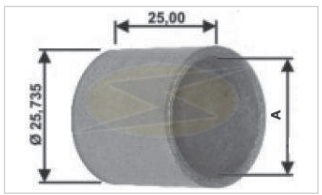


BC1-0031-00 STD A = Ø 11,963
BC1-0031-02 2X A = Ø 11,836
BC1-0031-03 3X A = Ø 11,709

Aplicação / Application: **CHEVROLET - GM:** Caravan, Opala 6cil. Após 07/81 Motor DELCO, C10 (<1982), Camaro, Lumina,

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

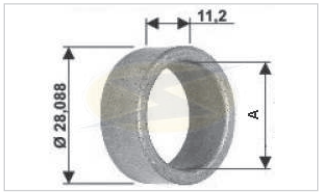


BC1-0033-00 STD A = Ø 22,615
BC1-0033-02 2X A = Ø 22,488
BC1-0033-03 3X A = Ø 22,361

Aplicação / Application: **DELCO:** 37MT, **MERCEDES BENZ:** Todos com Motor Br-400 (12 E 24v), Caminhões 1633, L1632, LS1632, LS1634, L1938, LS1938, S1938, L1628, L1944, L2638, OF1722, OH1628, Plataformas O400 RSD e SER após 06/02, **FORD:** Cummins Serie C, Caminhões c/ Cummins série C 6l, 12 e 24V Motor DELCO 37MT. Cargo modelos 1622, 1630, 2422, 2622, 2626, 2630, 2631, 3222, 4030 c/ motor Cummins 6CTAA 8.3 litros Motor DELCO 37MT 199.38.74, **VOLKSWAGEN:** 17.220, 17.310, 23.210, 23.220, 23.310, 26.220, 26.260, 26.310 c/ motor Cummins 6CTAA8.3 litros Motor DELCO 37MT 199.38.74. 18.310 Titan Tractor Motor DELCO 37MT 104.79.302. Caminhões com motor Cummins C-6l, 12 e 24V Motor DELCO 37MT, **CATERPILLAR:** 3114, 3116 E 3176 Motor DELCO 37MT 199.38.74. 3304 e 3306 Motor DELCO 37MT 199.39.10, **CHEVROLET - GM:** 12170, 14190, 15190 e 16220 com motor Caterpillar 3116/3126 Motor DELCO 37MT 199.39.63/4,

Observação / Note: Caixa com 5 peças / Box with 5 pieces

LC

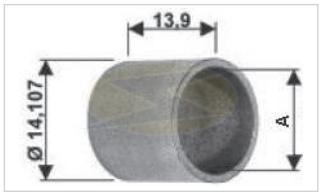


BC1-0026-00 STD A = Ø 22,128
BC1-0026-02 2X A = Ø 22,001
BC1-0026-03 3X A = Ø 21,874

Aplicação / Application: **SSB, ATLAS COPCO, CASE, CATERPILLAR, CUMMINS, EL DETALHE, FIAT - ALLIS, FIAT, HUBER-WARCO, IVECO, CASE, KOMATSU, MAFERSA, MALVES, MASSEY FERGUSON, MAXION, MERCEDES BENZ, MWM, SCANIA, VILLARES, VOLKSWAGEN, VOLVO**

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH: KB)**

LM

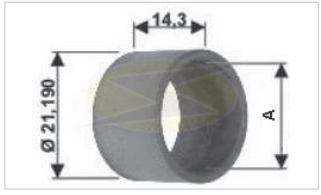


BC1-0028-00 STD A = Ø 12,088
BC1-0028-02 2X A = Ø 11,963
BC1-0028-03 3X A = Ø 11,898

Aplicação / Application: **FIAT:** 147 (Todos / All), **VOLKSWAGEN:** Gol, Saveiro, Apollo, Brasília, Kombi, Parati, Passat, Santana, Voyage, Karmann Ghia TC, Variant II, Fusca, **FORD:** Royale, Versailles, Belina, Corcel II, Del-Rey, Pampa, Escort, **CHEVROLET - GM:** Chevette, Marajó, Chevy, Omega 2.2 e 3.0, Corsa 1.0 e 1.4, Vectra 2.0 e 2.2, **SEAT:** Cordoba 1.6 e 1.8, **VOLVO:** 440 Turbo, 460 GLE, 460 Turbo

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

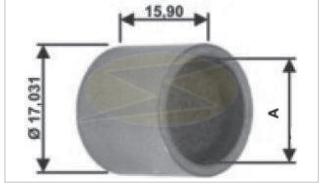


BC1-0030-00 STD A = Ø 17,903
BC1-0030-02 2X A = Ø 17,781
BC1-0030-03 3X A = Ø 17,650

Aplicação / Application: **VOLKSWAGEN:** Kombi Diesel, Brasília, Gol, Parati, Passat, Santana, Saveiro, Voyage Todos refrigerados a ar, Gol, Sedan 1300 1500 (10/81->), Kombi, Brasília e Saveiro (gasolina e álcool) após 07/82, **FIAT:** 147 (Todos / All), 147 Fiorino / Panorama, **FORD:** Corcel II, Belina II e Del-Rey, Escort, Pampa, Scala, Jeep, Maverick, Rural, F75, Royale, Ghia, F1000 6cc álcool 221 CID, **CHEVROLET - GM:** Caravan, Chevette, Marajó, Monza, Opala

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM



BC1-0032-00 STD A = Ø 14,059
BC1-0032-02 2X A = Ø 13,945

Aplicação / Application: **DELCO:** 28 MT, **KOMATSU:** Retro escavadeira PC200 c/ motor cummins 4BT3.9, 6B5.9, 6BT5.9, 6BTAA Motor DELCO 28MT 1113277, **SUZUKI:** Motor DELCO 28MT,

Observação / Note: Caixa com 10 peças / Box with 10 pieces

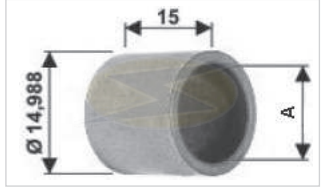
I

BC1-0034-00 STD A = Ø 14,875
BC1-0034-02 2X A = Ø 14,748
BC1-0034-03 3X A = Ø 14,621

Aplicação / Application: **DODGE:** 1800 Polara, **CLARK:** Empilhadeira CHY 20/25 com GM 4cil., Mini Pá carregadeira Bob Cat. c/ motor Agrale, **WILLYS:** Rural, Jeep, F75, **FORD:** Rural, Jeep, F100, Maverick 6cil, **WAPSA**

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM



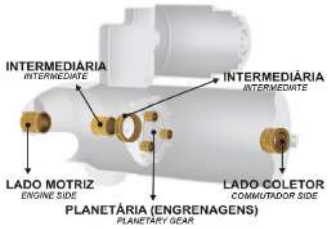
BC1-0035-00 STD A = Ø 11,998
BC1-0035-02 2X A = Ø 11,871

Aplicação / Application: **DODGE:** 1800 Polara, **CLARK:** Empilhadeira CHY 20/25 com GM 4cil., Mini Pá carregadeira Bob Cat. c/ motor Agrale, **WILLYS:** Rural, Jeep, F75, **FORD:** Rural, Jeep, F100, Maverick 6cil, **WAPSA**

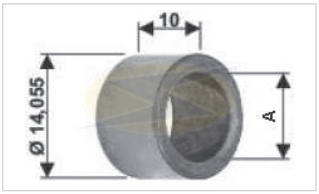
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LC

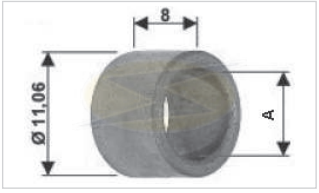


BC1-0037-00 **STD** A = Ø 10,048
BC1-0037-02 **2X** A = Ø 9,943

Aplicação / Application: **VOLKSWAGEN:** Beetle, Golf, Passat, Parati, Santana, Saveiro, Voyage, Gol, Logus, Pointer, Pólo, **CHEVROLET-GM:** Vectra, Astra, Blazer, Ipanema, Kadett, Omega, Celta, Colsa, Opala, **ALFA ROMEO, AUDI, BMW, CHRYSLER - DODGE, CITROEN, FIAT:** Bravo, Doblo, Palio, Siena, Strada, Marea, Brava, Tempra, Uno, Mobi, Argo **FORD:** Escort, Courier, EcoSport, Ka, Fiesta, Verona, Mondeo, Ranger, Corcel, Belina, Pampa, Del-Rey, **JAGUAR, LADA, LAND ROVER, MERCEDES BENZ, NISSAN, PEUGEOT, PORSCHE, RENAULT, SEAT, TOYOTA, VOLVO**

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / I

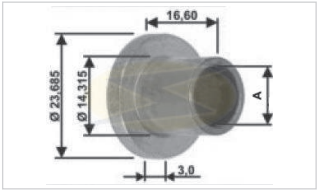


BC1-0039-00 **STD** A = Ø 8,100
BC1-0039-02 **2X** A = Ø 7,970

Aplicação / Application: **MERCEDES BENZ:** Sprinter 310D, 312D, 412D, **FIAT:** Duna, Fiorino, Palio, Siena, Uno, Strada, Ducato, **FORD:** Courier, EcoSport, Escort, Fiesta, Focus, Ka, Mondeo, Ranger, Verona, F250, F1000, Cargo modelo 1416, 1722, F14000, **CHEVROLET- GM:** C20, Corsa, Blazer, S10, **RENAULT:** Clio, Mégane, R19, **VOLKSWAGEN:** Gol, Logus, Pointer, Polo, Quantum, Santana, Saveiro, **AGRALE:** Trator 4100 / 4100.4 / 4230 / 4230 Industrial / 4230.4, **SEAT:** Inca, **CITROEN:** Berlingo, **PEUGEOT:** 205, 306, 405, Boxer, Partner, **JOHN DEERE:** Colheitadeiras, **VOLVO:** Modelos B7R D7A, B7R D7B, B7R D7C apartir de 06/97

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

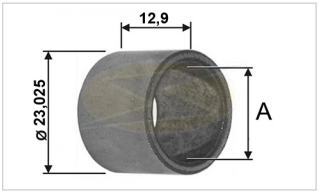


BC1-0041-00 **STD** A = Ø 11,138

Aplicação / Application: **FIAT:** Uno (1994→), **VOLKSWAGEN:** Gol, Voyage, Parati, Quantum, Santana, Saveiro, Apollo, Logus, **FORD:** Galaxy, Versailles, Pampa

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

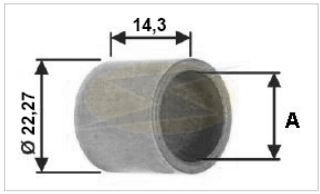


BC1-0043-00 **STD** A = Ø 19,013
BC1-0043-02 **2X** A = Ø 18,900

Aplicação / Application: **NEW HOLLAND, CASE, SCANIA:** Caminhões P 93 H94 C/D/G - P94.R124/360-400-420-420 Hpi-360-400-420-420 Hpi, Modelos BN 113 ALB. 113 CLB 1990.05 1998.08, 369.554. 571.451, F 113 HL/HR 1990.06 1998.08, F 82 CL 1981.10 1995.01, F 93 HL/HR 1990.06 1998.01, K 113 CLA/CRA. CLB 1982.05 1998.08, K 82 CL. 82 CR 1985.06 1995.12, K 92 CL. CR 1982.05 1994.12, K 93 CL. CLB. CR. CRB 1987.11 2001.12, K 94 E. 94 IB 1997.09 2000.10, L 113 CLB. CLL 1990.01 1998.08, L81 1975.05 1980.04, L 94 IB 1997.03, N 113 ALB. CLB CLL/CRL. DBR 1991.04 1998.08, N 94 UB 1997.09 2002.08, S 82 CL. 82 HR 1981.10 1983.12, **IVECO:** 110-13/110-16/120-13/130-13/130-16/60-9/75-9/80-13/80-16/90-13, **FORD:** Série TM 135, TM 150, TM 160, Case MX, MXM, Valtra BM, BH, **FIAT:** Tipo 1.6/2.0 e Uno 1.5/1.6 Motor LUCAS M93

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

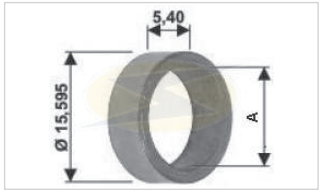


BC1-0036-00 **STD** A = Ø 18,968

Aplicação / Application: **PÁ CARREGADEIRA:** W7, **CLARK:** Empilhadeira CHY 60, 70, 80, 100, 120, 140, C300, HY 40 / 50 / 60 Trator Michigan 75A, 11 111 até 1971, **HYSTER:** Empilhadeira c/ Perkins 4cil. E c/ GM 4cil., **EATON:** Empilhadeira GL83P, GL83C, GL87P, D83P, D83C, D87P, Pá carregadeira 250A, 1900, **WAPSA, FORD:** Cargo 1114 / 1117 / 1218 / 1314 / 1317 / 1418 / 1419 / 1514 / 1517 / 1615 / 1619 / 1622 / 2215 / 2218 / 2218T / 2319, **CASE:** Pá Carregadeira W-7 com Perkins 6cil., Retroescavadeira 580E, 580CK e 580H, **JOHN DEERE:** Trator 6300, 6600 e 7500 após 1996

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

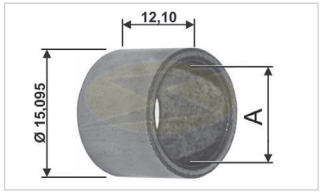


BC1-0038-00 **STD** A = Ø 12,095
BC1-0038-02 **2X** A = Ø 11,970

Aplicação / Application: **FORD:** Fiesta Turbo 1.0, 1.4, Verona, Escort Zetec, Escort, Focus, Mondeo, F150, Ranger, Ka, **CHEVROLET- GM:** Blazer, C20, Chevy MX, Corsa, **NISSAN:** Máxima, 100 NX, 200 SX, Almera, Cherry, Micra, NX, Prairie, Primera, Pulsar, Sentra, Sunny, **PEUGEOT:** Boxer, 205, 306, 405, Partner, **AGRALE:** Trator 4100 / 4100.4 / 4230 / 4230 Industrial / 4230.4, **FIAT:** Duna, Fiorino, Palio, Siena, Uno, **RENAULT:** Clio, Mégane, **SEAT:** Inca, **VOLKSWAGEN:** Gol, Logus, Pointer, Polo, Quantum, Santana, Saveiro, Golf, **CITROEN:** Berlingo

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

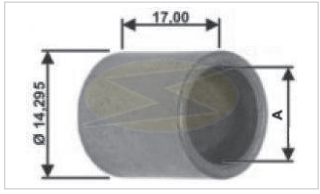


BC1-0040-00 **STD** A = Ø 12,048
BC1-0040-02 **2X** A = Ø 11,970

Aplicação / Application: **CITROEN:** Berlingo, **FIAT:** Fiorino, Elba, Uno, Prêmio, Palio, Siena, Tipo, **FORD:** Escort Guarujá, Hobby L e GL, Escort, Pampa, Fiesta, Focus, Mondeo, Orion, Verona, F150, Ranger, **CHEVROLET - GM:** Corsa, Traffic, **NISSAN:** Máxima, **PEUGEOT:** 205, 306, 405, Partner, **RENAULT:** Clio, R19, Trafic, **VOLKSWAGEN:** Apolo, Logus, Gol, Saveiro, Voyage, Parati, Quantum, Santana

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(LUCAS INDIEL)**

LC

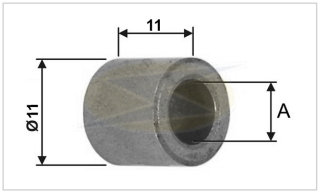


BC1-0042-00 **STD** A = Ø 11,153
BC1-0042-02 **2X** A = Ø 11,026

Aplicação / Application: **FIAT:** Uno 1.6 (1994→), Fiorino, Elba, Prêmio, Palio, Siena, Tipo, **FORD:** Escort, Pampa, Fiesta, F100, Ranger, Cargo modelo 1416 e 1722, F14000, **CHEVROLET - GM:** Blazer, S10, Traffic T352 e TA52, **VOLKSWAGEN:** Gol, Voyage, Saveiro, Apolo, Logus, Parati, **JOHN DEERE:** Colheitadeiras, **MASSEY FERGUSON, MWM, RENAULT:** Clio, R19, Trafic T352

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I



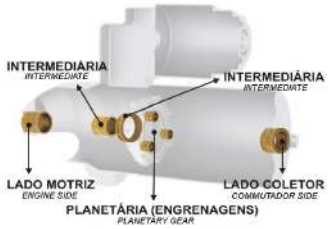
BC1-0044-00 **STD** A = Ø 5,498

Aplicação / Application: **FIAT:** Tempra Turbo, Tipo 1.6/2.0, Uno SL/CL, Fiorino, Weekend, Spazio Motor BOSCH, **RENAULT:** R21 (21 2.2) Motor BOSCH EF 9.000.082.075. R11, R12, R18, R19, R21 e Trafic gas., Motor BOSCH EF 9.000.082.075

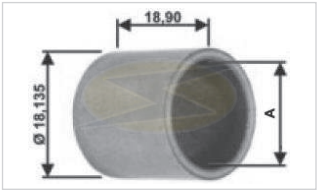
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM / LC / I

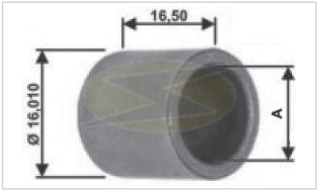


BC1-0046-00 **STD** A = Ø 15,063
BC1-0046-02 **2X** A = Ø 14,940
BC1-0046-03 **3X** A = Ø 14,785

Aplicação / Application: **CHEVROLET- GM:** D20, Traffic Diesel TA12, TA52, T312, T352, **FORD:** F100, F1000, F150, F250, F4000, **JOHN DEERE:** Trator 6300, 6600, 7500, Motoniveladora, Pá Carregadeira, Retro escavadeira, **MERCEDES BENZ:** Caminhões 608, 911, L1112, L1114, L709, 710, 912, 913, 1114, 1215, 1615, 1620, 1622, O364, OF1214, 1320, OH1315, O371, 1316, 1319, 1420, 1419, **MWM:** Motores de 4 e 6 cilindros, **PEUGEOT:** 504

Observação / Note: Caixa com 8 peças / Box with 8 pieces **(LUCAS INDIEL)**

LM / LC

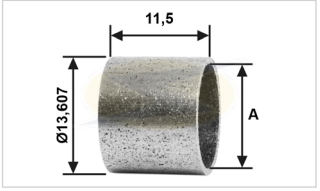


BC1-0048-00 **STD** A = Ø 12,010
BC1-0048-02 **2X** A = Ø 11,883
BC1-0048-03 **3X** A = Ø 11,756

Aplicação / Application: **BMW:** 320, 518, 520, 525, 1500, 1600, 1602, 1802, 2002, 2500, 2800, **FIAT:** Tipo, Spazio, Uno, Fiorino, Elba, prêmio, **PEUGEOT:** 504, **FORD:** F1000

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I / LM

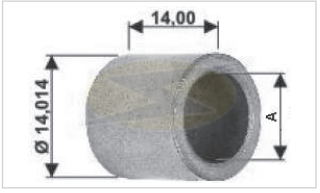


BC1-0050-00 **STD** A = Ø 12,090

Aplicação / Application: **CHEVROLET:** S10, Omega, Suprema, **PEUGEOT:** 205, 306, 405, **RENAULT:** R19, **SEAT:** Cordoba, Ibiza, **VOLKSWAGEN:** Gol, Golf, Passat

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH EV)**

LM

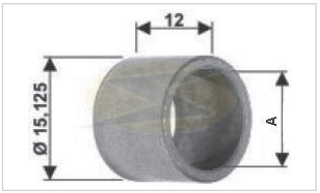


BC1-0052-00 **STD** A = Ø 10,060
BC1-0052-02 **2X** A = Ø 9,933
BC1-0052-03 **3X** A = Ø 9,806

Aplicação / Application: **FIAT:** Palio Weekend, Siena, Strada, Tipo, Tempra, 500, 600, Brava, Bravo, Doblò, Fiorino, Marea, Palio, Punto, Scudo, Stilo, Uno, **CITROEN:** Jumpy, **RENAULT:** Trafic

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

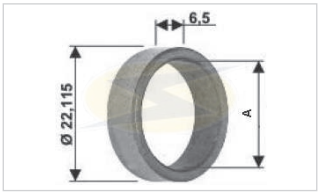


BC1-0054-00 **STD** A = Ø 12,080
BC1-0054-02 **2X** A = Ø 11,950

Aplicação / Application: **FORD:** F-250, F-350, Ranger, Escort, **FIAT:** Ducato, Uno, **MERCEDES BENZ:** Sprinter, **VOLKSWAGEN:** Gol, Parati, saveiro, **MASSEY FERGUSON:** Tratores 1075, 1078, 1088, 1175, 1185, 1215T, Tratores 1095, 1098 e 1195, 150, 155, 165, 255, 265, **CHEVROLET - GM:** Silverado, **IVECO:** 619

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

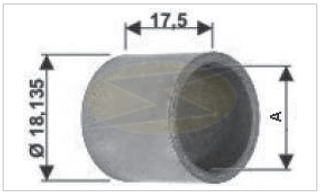


BC1-0045-00 **STD** A = Ø 18,015
BC1-0045-02 **2X** A = Ø 17,885
BC1-0045-03 **3X** A = Ø 17,765

Aplicação / Application: **FORD:** Escort, Verona, F250, Sprinter, Mondeo, F150, Ranger, Fiesta, Focus, Ka, Corcel, Belina, Pampa, Del-Rey, **CITROEN:** AX, Berlingo, Saxo, XM, Xsara, ZX, **PEUGEOT:** 106, 205, 206, 207, 306, 309, 405, 605, Partner, **RENAULT:** Clio, R9, R11, R19, R21, Super 5, Trafic, **AUDI:** A3, S3, TT, **FIAT:** Ducato, **CHEVROLET - GM:** Corsa, Omega, Vectra, Opala e Caravan, **MERCEDES BENZ:** 180D, Sprinter, **NISSAN:** Máxima, **PORSCHE:** Boxter, **SEAT:** Cordoba, Ibiza, **VOLKSWAGEN:** Beetle, Golf, Parati, Quantum, Santana, Saveiro, Pólo, Pointer, Orion, Gol, **VOLVO:** S80

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

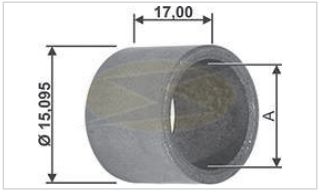


BC1-0047-00 **STD** A = Ø 15,063
BC1-0047-02 **2X** A = Ø 14,940

Aplicação / Application: **CHEVROLET-GM:** D20, Trafic, **FORD:** F100, F1000, F150 e F250, F4000, **JOHN DEERE:** Trator 6300, 6600 e 7500 após 1996, **MASSEY FERGUSON:** Motores MAXION IOCHPE D, **MERCEDES BENZ:** Caminhões L709, 710, 912, 913, 1114, 1215, 1615, 1620, 1622, O364, OF1214, 1320, OH1315, O371, 1316, 1319, 1420, 1419, 608, 1112, **MWM:** Motores de 4 e 6 cilindros

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / LC

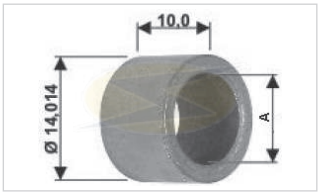


BC1-0049-00 **STD** A = Ø 12,088
BC1-0049-02 **2X** A = Ø 11,890
BC1-0049-03 **3X** A = Ø 11,765

Aplicação / Application: **FORD:** F300, F350, F600, F700, F1000, F100, Ranger, Cargo 1416, 1722, **CHEVROLET - GM:** Blazer, S10, Silverado, Caminhão C400, **JOHN DEERE:** Colheitadeiras, **MASSEY FERGUSON, MWM**

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

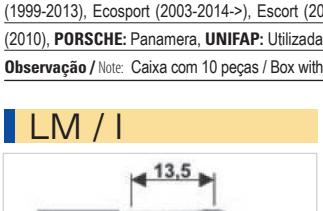


BC1-0051-00 **STD** A = Ø 10,060
BC1-0051-02 **2X** A = Ø 9,933

Aplicação / Application: **FIAT:** Uno Vivace (2017), Argo 1.0 (2017), Strada, Tempra, Tipo, Palio, Mobi, Furgão, Palio Weekend, 500, 600, Brava, Bravo, Doblò, Fiorino, Marea, Punto, Scudo, Siena, Stilo, Toro, **CITROEN:** Jumpy 1.6 / 1.6i, **CHEVROLET- GM:** Prisma, Celta Classic, Agile, Spin, Montana, Onix, Cobalt, Astra, Corsa, Meriva, Cruze 1.4 turbo 2017 Start –Stop, Tracker, **MITSUBISHI:** L-200, **RENAULT:** Clio 1.0 (1999-2016), Logan 1.0 (2007-2018), Sandero 1.0 (2007-2018), **TOYOTA:** Corolla 2.0, **NISSAN:** Versa, March 1.0 (2012>), **JEEP:** Compass 2.4, **FORD:** Fusion 3.0L V6 (2010), Ka (2014->), Courier (1999-2013), Ecosport (2003-2014->), Escort (2000-2002), Fiesta (1999-2014->) **MERCURY:** Milan 3.0L V6 (2010), **PORSCHE:** Panamera, **UNIFAP:** Utilizada nas Planetárias: 13.120, 13.121, 13.122, 15.101

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM / I



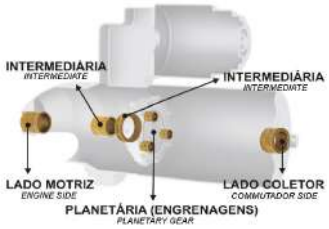
BC1-0053-00 **STD** A = Ø 11,215
BC1-0053-02 **2X** A = Ø 11,088
BC1-0053-03 **3X** A = Ø 10,961

Aplicação / Application: **FIAT:** Fiorino, Ducato, Uno, Tipo, Premio, Elba, Prêmio, Tipo, **MERCEDES BENZ:** OF1316, OH1316, OH1318, OH1320, O371, OF215, OF1315 6cil, O371, OF215, 1315, OH1316, 1318, 1320, Ônibus OH Todos 6cil., 1214, 1414, 1418, 1614, Sprinter, **VOLKSWAGEN:** Gol, Parati e Saveiro, Caminhões, 17.22, 23.22, 26.22, 26.26, 17.31, 18.31, 23.31, 26.31, Titan 17.310, 18.310, 23.310, 26.310, 26.250E, **AGRALE, MWM, CHRYSLER - DODGE:** Dodge Ram, **CUMMINS, FORD:** F350, F1000, Ranger, Escort Hobby e Guarujá, F250, F350, F4000, **CHEVROLET - GM:** Silverado, **VALTRA:** Trator BH 140 160,180, BL77 e 88, BM100, 110 e 120, Trator Leve 685C, 785C - Trator pesado 1280, 1580, 1780, **VOLVO:** VM 17 23

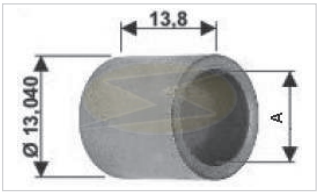
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM

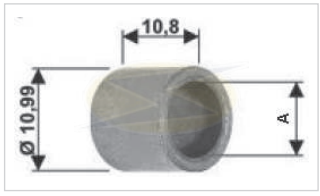


BC1-0056-00 **STD** A = Ø 10,050
BC1-0056-02 **2X** A = Ø 9,930

Aplicação / Application: **VOLKSWAGEN:** 17.220, 23.220, 26.220, 26.260, Titan 17.310, 18.310, 23.310, 26.310, Caminhão Pesado 26.250E, **MWM:** Motores De Partida / Starter Engines M100R 12 E 24V, **CUMMINS:** Motor 6B TA/6BT, **FORD:** Cargo 1622 / 2422 / 2425 / 2425 Mixer / 2630, **MERCEDES BENZ:** OF1214, OF1215, OF1414, OF1418, OF1614, O371, OF215, 1315, OH1316, 1318, 1320, Ônibus OH Todos 6cil., Ônibus 1214, 1414, 1418, 1614, **AGRALE:** Marruá, **JOHN DEERE:** Colheitadeira 1550, Motoniveladora 570 / 570A, Trator 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 4420 / 4530 / 5320N / 5520N / 5410 / 5600 / 5700 / 6300 / 6600 / 6605 / 7505 / 7820, **CHRYSLER - DODGE:** Dodge Ram, **CLARK:** Empilhadeira, **FORD:** Caminhões, **CHEVROLET-GM:** Celta, Corsa, Meriva, **HYSTER:** Empilhadeira, **MITSUBISHI:** Empilhadeira, **VALTRA:** Trator BH 140 160 e 180, BL77 e 88, BM100 110 e 120, 685C, 785C, 1280, 1580, 1780, **VOLVO:** VM 17 23

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

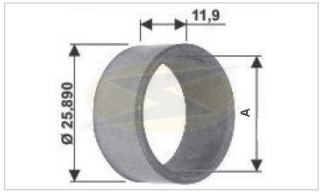


BC1-0055-00 **STD** A = Ø 8,000
BC1-0055-02 **2X** A = Ø 7,880

Aplicação / Application: **FORD:** F350, F1000, Ranger, Fiesta, Escort, Corcel, Belina, Pampa, Del-Rey, F100, F150, F250, Transit Diesel, Ônibus B7000, F4000, **CHEVROLET- GM:** Silverado, Omega, Vectra, Corsa, Opala, Caravan, Astra, Blazer, Celta, S10, Meriva, **VOLKSWAGEN:** Gol, Santana, Saveiro, Parati, Beetle, Golf, Pólo, Transporter, Caminhões 710 / 7100 / 8120 / 8150 / 13150 / 13180 / 13190 / 15180 / 15190 / 17210 / 23210, Ônibus B8150 OD / B9150 / B16210 / B17210 OD / B17240 OT, **AGRALE:** 7500, 8000, 8500, 9200, Trator 5075 / 5075.4 / 5085 / 5085.4, **CUMMINS:** Motor 6B 5.9 / 6BT 5.9 / 6BTAA 5.9 / B 5.9 / B 5.9 Aftercooler / B 5.9 eletrônico, **DODGE:** D1000, **FIAT:** Palio, Stilo, Tempra, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450, Trator 7500, **LAND ROVER:** Defender, Discovery, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Trator MF250X / MF297 / MF299 / MF640 / MF650 / MF660 / MF680 / MF5320, **MERCEDES BENZ:** Sprinter, **NEW HOLLAND:** Trator TL65E / TL75E / TL85E / TL95E, **PEUGEOT:** 404 Diesel, 504 Diesel, 505 Diesel, **AUDI:** A3, TT, **PORSCHE:** Boxter, **SEAT:** Cordoba, Ibiza, Vario, **VOLVO:** S80

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

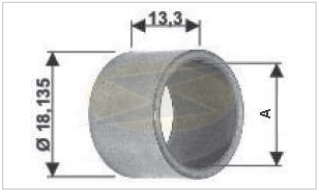


BC1-0057-00 **STD** A = Ø 21,840
BC1-0057-02 **2X** A = Ø 21,720

Aplicação / Application: **VOLKSWAGEN:** 17.220, 23.220, 26.220, 26.260, Titan 17.310, 18.310, 23.310, 26.310, 26.250E, Miniônibus, **MWM:** Motores De Partida / Starter Engines M100R 12 E 24V, **CUMMINS:** Motor 6B TA/6BT, B 5.9, C 8.3, C6CT, CTA 8.3, ISB02 5.8, **FORD:** Cargo 1622 / 2422 / 2425 / 2425 Mixer / 2630, **MERCEDES BENZ:** OF1214, OF1215, OF1414, OF1418, OF1614, O371, OF215, 1315, OH1316, 1318, 1320, Ônibus 1214, 1414, 1418, 1614, **AGRALE:** Marruá, **JOHN DEERE:** Colheitadeira 1550, Motoniveladora 570 / 570A, Trator 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 4420 / 4530 / 5320N / 5520N / 5410 / 5600 / 5700 / 6300 / 6600 / 6605 / 7505 / 7820, **CHRYSLER - DODGE:** Dodge Ram, **VALTRA:** Trator BH 140 160 e 180, BL77 e 88, BM100 110 e 120, 685C, 785C, 1280, 1580, 1780, **VOLVO:** VM 17 23

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

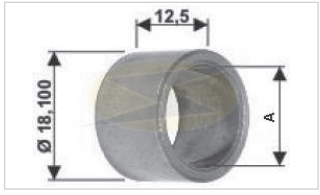


BC1-0058-00 **STD** A = Ø 15,063
BC1-0058-02 **2X** A = Ø 14,925

Aplicação / Application: **VOLKSWAGEN:** 17.220, 23.220, 26.220, 26.260, Titan 17.310, 18.310, 23.310, 26.310, 26.250E, **MWM:** Motores De Partida / Starter Engines M100R 12 E 24V, **CUMMINS:** Motor 6B TA/6BT, B 5.9, C 8.3, C6CT / CTA 8.3, ISB02 5.8, **FORD:** Tractor, Cargo 1622 / 2422 / 2425 / 2425 Mixer / 2630, **MERCEDES BENZ:** OF1214, OF1215, OF1414, OF1418, OF1614, O371, OF215, 1315, OH1316, 1318, 1320, Ônibus 1214, 1414, 1418, 1614, **AGRALE:** Marruá, **JOHN DEERE:** Colheitadeira 1550, Motoniveladora 570 / 570A, Trator 1420 / 2140 / 2330 / 2420 / 2530 / 2730 / 2850 / 3140 / 3350 / 3420 / 3530 / 3540 / 4420 / 4530 / 5320N / 5520N / 5410 / 5600 / 5700 / 6300 / 6600 / 6605 / 7505 / 7820, **CHRYSLER - DODGE:** Dodge Ram, **VALTRA:** Trator BH 140 160 e 180, BL77 e 88, BM100 110 e 120, 685C, 785C, 1280, 1580, 1780, **VOLVO:** VM 17 23

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

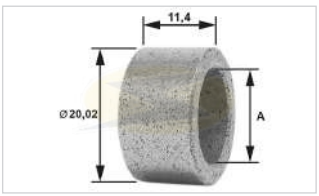


BC1-0059-00 **STD** A = Ø 14,100
BC1-0059-02 **2X** A = Ø 13,973

Aplicação / Application: **FORD:** Cargo 815 e 815VUC, 1217, 1417, 1421, 1617, 1621, 6BT 5.9, 6BTAA 5.9, 4BT 3.9, F4000, F1000, F100 F150, F350, **MERCEDES-BENZ:** Sprinter, **MASSEY FERGUSON:** Colheitadeiras MF3640, 5650, MF86HS, MF96HS, Trator MF 150, 155, 165, 255, 265, 275, 283, 290, 292, 297, 299, 640, 650, 660, 680, 1095, 1098, 1195, 1075, 1078, 1088, 1175, 1185, 1215T, 1250 e 5160, 5272, 5275, 5285, 52902, 5300, 5310, 5320, 6.354, 6.305, 3.152, 4.203 - 5.8, 5.0, 2.5, 3.3, 3.152 2.5, **IVECO:** Daily Turbo Diesel, **CHEVROLET-GM:** Gran Blazer, D20, Silverado, **LAND ROVER:** Defender, Discovery, **MITSUBISHI:** L200, Pajero, **MWM:** Séries X10 e 229

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

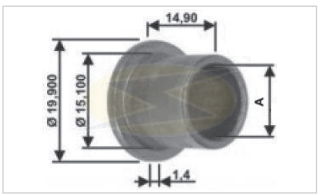


BC1-0060-00 **STD** A = Ø 14,000

Aplicação / Application: **VOLKSWAGEN:** Caminhões, **MERCEDES BENZ:** Sprinter **FORD:** F100, F150, F1000, Cargo Modelos 815 e 815VUC, 1217, 1417, 1421, 1617, 1621, **CHEVROLET-GM:** Gran Blazer, D20, Silverado, **IVECO:** Daily Turbo Diesel, **LAND ROVER:** Defender, Discovery, **MASSEY FERGUSON:** Colheitadeiras MF86HS, MF96HS, MF3640, MF5650, Trator MF 265, 275, 283, 290, 292, 5272, 5275, 5285, 52902, 5300, 5310, MF297, 299, 640, 650, 660, 680, 5320, 150, 155, 165, 255, 265, 1095, 1098, 1195, 1075, 1078, 1088, 1175, 1185, 1215T, 1250, 5160, 6.354, 6.305, 3.152, 4.203 - 5.8, 5.0, 2.5, 3.3, MF250X, **MWM:** Séries X10 e 229,

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I



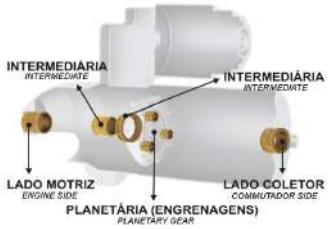
BC1-0061-00 **STD** A = Ø 12,070

Aplicação / Application: **MERCEDES BENZ:** Sprinter 310D, 312D, 412D (OM014 LA e OM014 A) **FIAT:** Ducato, **FORD:** F100, F1000, F150 e F250, **CHEVROLET - GM:** Pick-Up Diesel c/ Maxion após 1994, **MASSEY FERGUSON:** Motores MAXION IOCHPE D

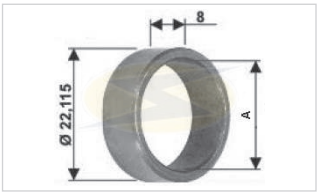
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



PLAN. / LC

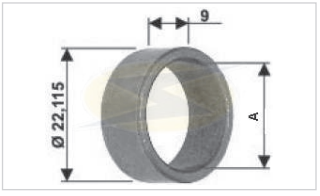


BC1-0063-00 **STD** A = Ø 18,015
BC1-0063-02 **2X** A = Ø 17,880

Aplicação / Application: **FORD:** F1000, F100 F150, F350, F4000, Ranger, Cargo Modelos 815 e 815VUC, 1217, 1417, 1421, 1617, 1621, **CHEVROLET-GM:** Gran Blazer, D20, Silverado, **IVECO:** Daily, **LAND ROVER:** Defender, Discovery, **MASSEY FERGUSON:** Colheitadeiras MF3640, MF5650, MF86HS, MF96HS, Tratores MF, **MERCEDES BENZ:** Sprinter, **MITSUBISHI:** L-200, **MWM:** Séries X10 e 229, **TOYOTA:** Hilux 3.0 16V, **PORSCHE:** Panamera, **UNIFAP:** PLANETÁRIAS 11.025, 11.059, 11.104, 12.147, 12.149, 12.212, 12.219, 12.221, 12.222, 12.343, PL-006, R=0061 / 0062 / 0086 / 0087

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN.

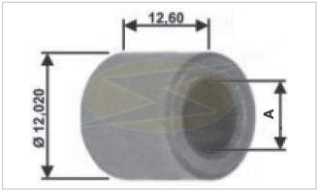


BC1-0066-00 **STD** A = Ø 18,015

Aplicação / Application: **FIAT:** Tempra, Tipo, **CHEVROLET--GM:** Omega, Suprema, **VOLKSWAGEN:** Golf 1.8, Passat 2.0, **AUDI, ALFA ROMEO, CHRYSLER, UNIFAP:** Planetárias 11.307, PL-004, R=0057/0081.

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN.

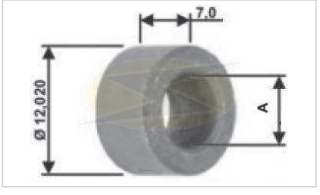


BC1-0070-00 **STD** A = Ø 7,040

Aplicação / Application: **FORD:** Escort, Fiesta, Ka, **CHEVROLET-GM:** Astra, Vectra, Zafira, S10, Blazer 1.8 ltr 8 e 16v, 2.0, 2.2 e 2.4 ltr 8v, 2.0 2.2 ltr 8 e 16v, Novo Corsa, Meriva 1.8 ltr 8 e 16v, **UNIFAP:** Utilizada na Planetária: 13.119

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN. / I

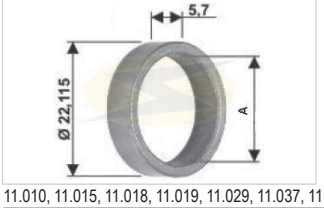


BC1-0072-00 **STD** A = Ø 7,040

Aplicação / Application: **FORD:** Fiesta, Orion, Verona, Escort Zetec, Verona Zetec, F-250, Focus, Ka, Mondeo, Ranger, **MERCEDES- BENZ:** Sprinter, **FIAT:** Palio 1.0 Turbo, 1.5 / 1.6, **UNIFAP:** Utilizada na Planetária: 14.368

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN. / I

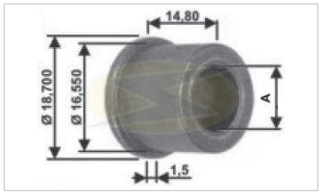


BC1-0074-00 **STD** A = Ø 18,015

Aplicação / Application: **TOYOTA:** Corolla 1.8/2.0, **FIAT:** Doblò 1.8, Grand Siena 1.6, Idea 1.4 / 1.6 / 1.8, Palio 1.6 / 1.8 / Weekend 1.6, Punto 1.4 / 1.6 / 1.8, Siena 1.6, Strada 1.6 / 1.8, Bravo, Linea, **AUDI:** A6, A8, **RENAULT:** Laguna, Nevada, R19, Megane, **UNIFAP:** Utilizada nas Planetárias: 11.010, 11.015, 11.018, 11.019, 11.029, 11.037, 11.088, 11.099,11.117, 11.118, 11.122, 11.126, 11.128, 11.143, 11.145, 11.161, PL-001, PL-002, PL-003, PL-011, PL-019, R=0056/0080, R=0060/0085, R=0058/0083

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

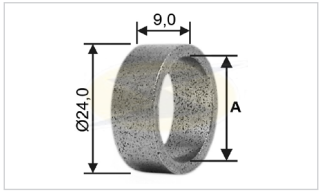


BC1-0062-00 **STD** A = Ø 10,050
BC1-0062-02 **2X** A = Ø 9,930
BC1-0062-03 **3X** A = Ø 9,810

Aplicação / Application: **CHEVROLET-GM:** Blazer, S10, **FORD:** F-1000, F250, F12000, F14000, F16000, F4000, **FIAT:** Ducato, **JEEP:** Grand Cherokee, **DODGE:** Dakota 2.5 D, **MERCEDES BENZ:** Sprinter, **IVECO:** Daily, **BMW:** 750 i e iL, 850 Ci Csi i Ci, **LAND ROVER:** Defender 2.5 Turbo Diesel, Discovery 2.5 Tdi, Range Rover 2.5 Tdi, **MARCOPOLO:** Volare 4.07 TCA, **PEUGEOT:** Boxer, **RENAULT:** Express Diesel, **SSANGYONG:** Musso 2.3 e 2.9 D

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN.

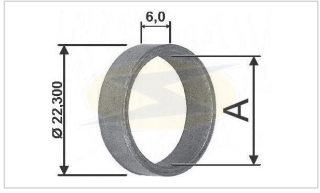


BC1-0064-00 **STD** A = Ø 19,100

Aplicação / Application: **CLARK, HYUNDAI, MITSUBISHI:** Empilhadeira, **UNIFAP:** Utilizada no Reparo R-0066

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

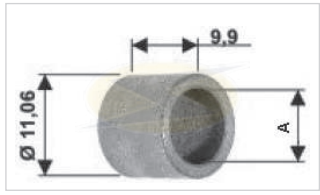


BC1-0068-00 **STD** A = Ø 19,030

Aplicação / Application: **FORD:** Fiesta, Focus, Ka, Mondeo, Ranger, Escort, F1000, Maverick, Transit, **VOLKSWAGEN:** Polo Classic, Pointer, **UNIFAP:** Utilizada nas Planetárias: 13.119, PL-005, R=0059/0084,

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN. / LC

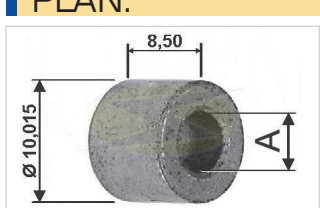


BC1-0071-00 **STD** A = Ø 8,020

Aplicação / Application: **FIAT:** Uno, Mobi, Argo, Doblò 1.8, Grand Siena 1.6, Idea 1.4 / 1.6 / 1.8, Palio 1.6 / 1.8 / Weekend 1.6, Punto 1.4 / 1.6 / 1.8, Siena 1.6, Strada 1.6 / 1.8, Bravo, Linea, **MERCEDES-BENZ:** Série - 7T, 9T, 12T, 14T, 16T, 24T, O, **AUDI:** A2 1.6 FSi (2002-2005), A6, A8, **FORD:** F250, F350, Fiesta, Ka, Courrier, **CHEVROLET-GM:** Celta, **VOLKSWAGEN:** Bora 1.6 (2002-2005), Fox 1.2 (2005-2010), Fox 1.4 (2005->), Lupo 1.6 GTi (2000-2005), New Beetle 1.4 (2001-2010), Polo 1.2 (2001->), Polo 1.4 (2001-2003), Polo 1.4 16V (2001->), Polo 1.4 FSi (2002->),Fox, Golf, Pointer, **SEAT:** Cordoba 1.2 (2002->), Cordoba 1.4 16V (2002->), Cordoba 1.6 (2003->), Ibiza 1.2 (2002->), Ibiza 1.4 16V (2004-2007), Ibiza 1.6 (2003->), **SKODA:** Fabia 1.2 (2001->), Fabia 1.2 Praktik (2003->), Fabia 1.4 16V (1999->), Fabia 1.4 Praktik (2004-2007), **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa, **LAND ROVER:** Discovery 3 2.7 (2012), Range Rover Diesel, **BMW:** 530i, 540i, 730i/iL, 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003), **PORSCHE:** Panamera, **UNIFAP:** Utilizada nas Planetárias: 11.003, 11.010, 11.015, 11.018, 11.019, 11.025, 11.029, 11.037, 11.056, 11.059, 11.067, 11.073, 11.088, 11.090, 11.099, 11.104, 11.117, 11.118, 11.122, 11.126, 11.128, 11.143, 11.145, 11.161, 11.307, 11.509, 12.147, 12.149, 12.212, 12.219, 12.221, 12.222, 12.343, 14.150, 14.910, 15.100, 15.101

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN.



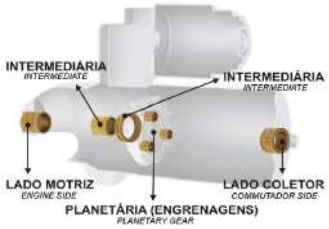
BC1-0073-00 **STD** A = Ø 5,015

Aplicação / Application: **MERCEDES-BENZ:** C 180 T-Modell 200/220/230, CLK 230 K.P, E230, ML230, SLK 230 K.R, **RENAULT:** Laguna 2.0, **CHRYSLER:** Dodge Dakota 2.5 D, Grand Caravan 2.5, Voyager 2.5 / 3.3 / 3.6, **UNIFAP:** Utilizada nas Planetárias: 11.059, 11.161

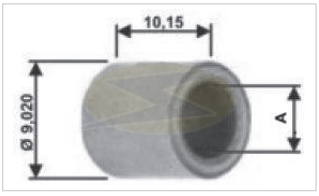
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



PLAN.

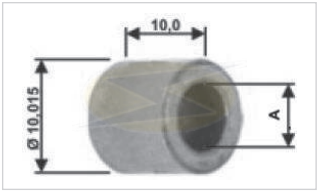


BC1-0076-00 STD A = Ø 6,020

Aplicação / Application: **AGRALE, GM, CUMMINS, JOHN DEERE, MASSEY- FERGUSON, MAXION, MB, PERKINS, VW, LAND ROVER, FORD:** Fiesta (2014->), Ka (2014->), Ecosport (2014->), **CITROEN:** C3 (2010->), C4 (2010->), **PEUGEOT:** 207 (2010->), 208(2010->), **BMW:** 530i 3.0 (1992-1995), 530i Touring 3.0 (1992-1996), 535i 3.5 (1996-2003), 540i 4.0 (1992-1995), 540i 4.4 (1996-2003), 540i 4.0 Touring (1993-1996), 540i Touring 4.4 (1997-2004), 730i/iL 3.0 (1991-1996), 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003), **UNIFAP:** Utilizada nas Planetárias: 12.147, 12.149, 12.212, 12.219, 12.221, 12.222, 12.343, 14.150.

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MOTOR DE PARTIDA: PRESTOLITE M93R, DELCO: PG150S)**

PLAN.

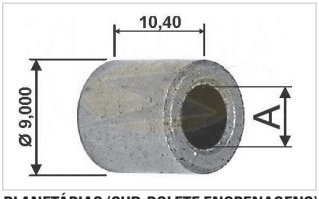


BC1-0080-00 STD A = Ø 6,020

Aplicação / Application: **FIAT:** Ducato, **IVECO:** Daily, **FORD:** F100, F150, F-250, F350, F1000, Ranger, Transit Diesel, Cargo 815 / 1217 / 1416 / 1417 / 1421 / 1617 / 1621 / 1716 / 1722, F7000, F12000, F14000, F16000, Ônibus B7000, **AGRALE:** Caminhões 7500, 8000, 8500, 9200, Trator 5075, 5075.4 / 5085 / 5085.4, **CHEVROLET- GM:** Blazer, D20, S10, Silverado, **CUMMINS:** Motor 6B 5.9 / 6BT 5.9 / 6BTAA 5.9 / B 5.9 / B 5.9 Aftercooler / B 5.9 eletrônico, **DODGE:** D1000, **JOHN DEERE:** Colheitadeira 1165/ 1175/ 1450, Trator 7500, **LAND ROVER:** Defender 2.5, Discovery 2.5, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Trator MF250X / MF297 / MF299 / MF640 / MF650 / MF660 / MF680 / MF5320, **MERCEDES BENZ:** Sprinter 2.5, Ônibus diversos, **NEW HOLLAND:** Trator TL65E / TL75E / TL85E / TL95E, **PEUGEOT:** 404 Diesel, 504 Diesel, 505 Diesel, **VOLKSWAGEN:** 710, 7100, 8120, 8150, 13150, 13180, 13190, 15180, 15190, 17210, 23210, Ônibus B8150 OD / B9150 / B16210 / B17210 OD / B17240 OT, Transporter T4 2.4 Diesel, Gol, Parati, Santana, **UNIFAP:** Utilizada na Planetária: 11.003

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN.



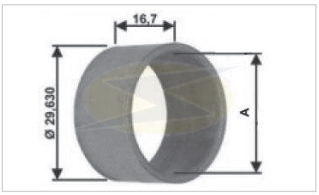
BC1-0082-00 STD A = Ø 5,060

Aplicação / Application: **MERCEDES-BENZ:** 180D, Sprinter 310D, 312D, 412D, **UNIFAP:** Utilizada nas Planetárias: 11.025, 11.056, 11.067, 11.073, 11.088, 11.099, 11.117, 11.118, 11.122, 11.126, 11.143, 11.590

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLANETÁRIAS (SUB-ROLETE ENGRENAGENS)

I

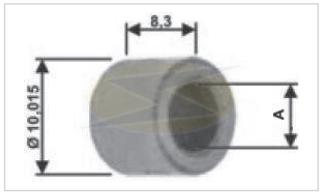


BC1-0084-00 STD A = Ø 26,130
BC1-0084-02 2X A = Ø 26,020
BC1-0084-03 3X A = Ø 25,880

Aplicação / Application: **FORD:** F100, **IVECO:** 619, **JOHN DEERE:** Motoniveladora, Pá Carregadeira e Retro escavadeira, **MERCEDES BENZ:** Caminhões L709, 710, 912, 913, 1114, 1215, 1615, 1620, 1622, O364, OF1214, 1320, OH1315, O371, 1316, 1319, 1420, 1419 4-6cil., 608, 911, L1112, L1114, **MASSEY FERGUSON:** Tratores 1075, 1078, 1088, 1175, 1185, 1215T, **PEUGEOT:** 504 diesel XD2 após 95,

Observação / Note: Caixa com 5 peças / Box with 5 pieces **(DELCO)**

PLAN.

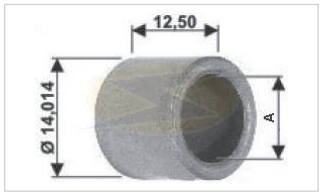


BC1-0075-00 STD A = Ø 6,020

Aplicação / Application: **CHEVROLET-GM:** Agile (2009-2015), Celta (2000-2015), Cobalt (2011-2013), Corsa Classic (2003-2015), Corsa (1994-2014), Montana (2007-2013), Pick-up Corsa (1995-2002), Prisma (2006-2014), Astra, Blazer, Ipanema, Kadett, Omega, S-10, Vectra, Zafira, **FORD:** Escort, Verona, Fiesta, Ka, **FIAT:** Uno Vivace (2017), Argo (2017), Mobi, Strada, Siena, Fiorino, Doblo, Punto, Croma, Tempra, Palio / Weekend, **VOLKSWAGEN:** Logus, Pointer, Gol, Parati, Quantum, Santana, Saveiro, Voyage, Golf GII / GIII, Passat Importado, **ALFA ROMEO:** 145-, Alfa 155 / 156 / 164 / 166 / Spider, **AUDI:** 100, 200, **CITROEN:** Berlingo, Xantia, XM, Xsara, **LAND ROVER:** Land Rover, Range Rover I e II, Discovery 3 (2012), Range Rover Diesel, **PEUGEOT:** 306, 405, 605, 806, Partner, **TOYOTA:** Corolla, **SEAT:** Inca, Alhambra, City Golf, Cordoba, Ibiza, **BMW, UNIFAP:** Utilizada nas Planetárias: 11.003, 11.010, 11.015, 11.018, 11.019, 11.029, 11.037, 11.090, 11.104, 11.128, 11.145, 11.307, 13.119, 14.368

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MOTORCRAFT, DELCO, LUCAS)**

PLAN.

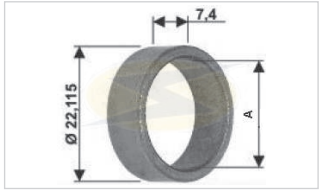


BC1-0079-00 STD A = Ø 10,044

Aplicação / Application: **CHEVROLET-GM:** Blazer / S10 Vortec V6 4.3, **UNIFAP:** Utilizada na Planetária: 14.890

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN.

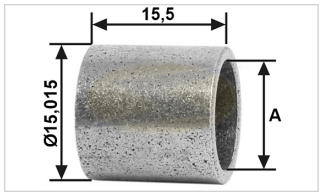


BC1-0081-00 STD A = Ø 18,015

Aplicação / Application: **CHEVROLET-GM:** Astra, Blazer, S10, Vectra, **FORD:** F250 MWM 4.2 6CC, **FIAT, VOLKSWAGEN, UNIFAP:** Utilizada nas Planetárias: 11.003, 11.010, 11.056, 11.067, 11.073, 11.090, 11.590

Observação / Note: Caixa com 10 peças / Box with 10 pieces

PLAN. / LC

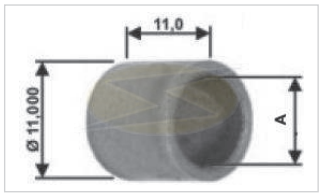


BC1-0083-00 STD A = Ø 12,015
BC1-0083-02 2X A = Ø 11,895
BC1-0083-03 3X A = Ø 11,765

Aplicação / Application: **PEUGEOT:** 504, 505, **RENAULT:** Dauphine Gordini, Trafic

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I



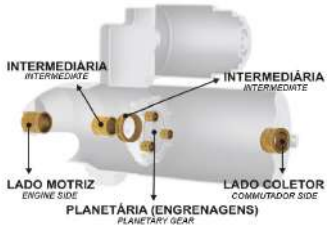
BC1-0086-00 STD A = Ø 8,465
BC1-0086-02 2X A = Ø 8,338

Aplicação / Application: **FIAT:** Bravo, Doblo, Palio, Siena, Strada, Marea, Uno, Prêmio, Elba, Fiorino, Duna, **FORD:** Courier, Escort, Mondeo, Fiesta, Ka, Versailles, **CHEVROLET - GM:** Astra, Blazer, Ipanema, Kadett, Omega, Vectra, Zafira, Calibra, Celta, Corsa, **VOLKSWAGEN:** Fusca, Beetle, Golf, Passat, Fox, Kombi, Gol, Variant, Parati, Quantum, Santana, Saveiro, Voyage, **ALFA ROMEO:** 145, 155, 156, 164, 166, **AUDI:** A3, TT, A4, A6, RS4, A8, S8, S6, **BMW:** 325i, 525i, 540i, M5, 530i, 540i, X5, M3, **CHRYSLER - DODGE:** Jeep Cherokee, **CITROEN:** Berlingo, Xantia, XM, Xsara, ZX, Berlingo, **GURGEL:** BR 800 / Tocantins L. TR, **JAGUAR:** XJ 6, **LADA:** Samara, **MERCEDES BENZ:** 190E, 230E, 500, 420, S 500, SL 500, CLK 230, E230, SLK 230, 200E, NL 230, C 240, C 280, C 280, C 43 AMG, CLK 430, E 320, E 430, ML 320, ML 430, S 280, SL 280, S 500, SL 500, E 55 AMG, **NISSAN:** Frontier, Xterra, Sentra, **PEUGEOT:** 205, 306, 405, 605, 806, Partner, **PORSCHE:** 911, **RENAULT:** Clio, Scénic, Laguna, Megane, Twingo, **SEAT:** Cordoba, **SUZUKI:** Samurai, Vitara, **TOYOTA:** Corolla, **VOLVO:** 940, 960, S40T4, S70, V70, S40

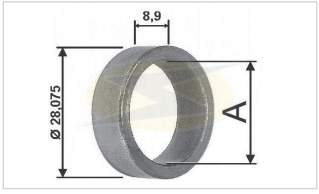
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO)**

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



LM

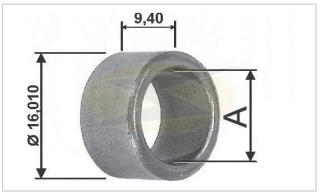


BC1-0087-00 **STD** A = Ø 22,115

Aplicação / Application: **FIAT:** Stilo, Palio, Siena, Doblo, Strada, **CHEVROLET-GM:** Astra, Blazer, S-10, Vectra e Zafira, Novo Corsa, Meriva, Montana

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO REMY PG-260D)**

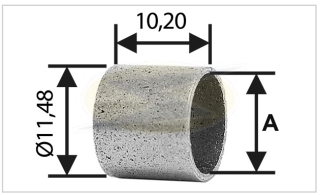
LM



BC1-0088-00 **STD** A = Ø 12,040

Aplicação / Application: **FORD:** Mondeo, Ranger, F250, F350, F1000, F4000, F12000, F14000, F16000, **NEW HOLLAND:** Série TL 70, TL 80, TL 90, TL 100, **FIAT:** Ducato, **CHEVROLET-GM:** Blazer, S10, **TOYOTA:** Hilux, **MERCEDES BENZ:** 600, C 270 CD, CLK 270, E270, ML270, E320, S320, Sprinter 140 / 216 CDI / 310 D / 316 CDI / 312D / 412D / 416 CDI, SL 600, S600, 600SEL, 600SEC, **IVECO:** 35.10 E 49.10, **BMW:** 750, 850, **CHRYSLER - DODGE:** Dakota 2.5D, Jeep Grand Cherokee, **IVECO:** Daily, **LAND ROVER:** Defender 2.5 Turbo Diesel, Discovery 2.5 Tdi, Range Rover 2.5 Tdi, **MARCOPOLO:** Volare 4.07 TCA, **PEUGEOT:** Boxer, **RENAULT:** Express Diesel, **SSANGYONG:** Musso 2.3 e 2.9 D

Observação / Note: Caixa com 10 peças / Box with 10 pieces

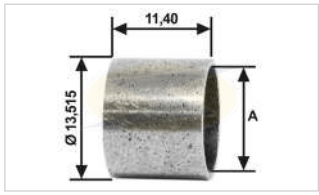


BC1-0090-00 **STD** A = Ø 10,060

Aplicação / Application: **FIAT:** Uno

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(Limpador de pára-brisa)**

LM

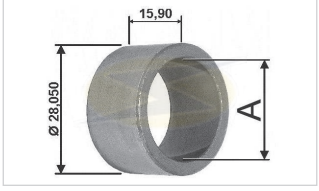


BC1-0089-00 **STD** A = Ø 12,015
BC1-0089-02 **2X** A = Ø 11,885
BC1-0089-03 **3X** A = Ø 11,765

Aplicação / Application: **MERCEDES BENZ:** CLK 270, E270, E320, ML270, S320, Sprinter 140 / 216 / 310 / 312 / 316 / 412 / 416, SL600, S600, 600SEL, 600SEC, **MARCOPOLO:** Volare 4.07 TCA, **LAND ROVER:** Defender 2.5 Turbo Diesel, Discovery 2.5 TDi, Range Rover 2.5 Tdi, Range Rover II 2.5 DT-DSE, **IVECO:** Daily, **CHEVROLET - GM:** Blazer, S10, **FORD:** Escort, Mondeo, F250, F350, F4000, Ranger, **NEW HOLLAND:** Série TL 70, TL 80, TL 90, TL 100, **FIAT:** Ducato, **DODGE:** Jeep Grand Cherokee, **ALFA ROMEO:** 155, 164, **RENAULT:** Express Diesel, **SSANGYONG:** Musso 2.3 e 2.9 D

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

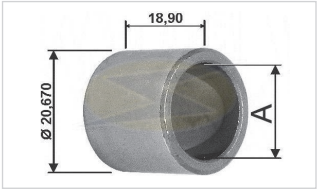


BC1-0091-00 **STD** A = Ø 21,920
BC1-0091-02 **2X** A = Ø 21,790

Aplicação / Application: **FORD:** Cargo C 4030 / 1722, **MERCEDES BENZ:** Caminhões, Ônibus, **CASE:** Série W, **CUMMINS:** Série CT, **DECAROLI:** Arbus 714 / 784, **SCANIA:** Caminhões, **VOLKSWAGEN:** Caminhões 14.170, 14.210, 16.170, 16.210, 16.220, 24.220, HT, Série 16T, **PETERBILT:** Série 13.210 / 22.210,

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSH JE)**

LM / LC

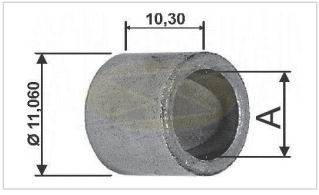


BC1-0092-00 **STD** A = Ø 15,900
BC1-0092-02 **2X** A = Ø 15,770
BC1-0092-03 **3X** A = Ø 15,650

Aplicação / Application: **FORD:** Cargo 1722 / 2324 / 3224 ATAC / C 4030, **MERCEDES BENZ:** Caminhões Série ACTROS / 16TL / 19TL / 26TL / O / OH / OHL, **SCANIA:** Caminhões DS11-P, R, T 124, **VOLKSWAGEN:** Caminhões 14.170, 14.210, 16.170, 16.210, 16.220, 24.220, HT - Série 16T, **CASE:** Série W - W36B, **CUMMINS:** Série CT, **DECAROLI:** Arbus 714 - OM449A / 784 TI/2 - OM447LA / NG4TI - OM447LA, **PETERBILT:** Série 13.210 / 22.210 / 23.210

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH JE)**

I

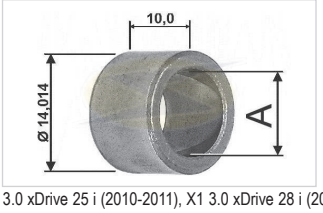


BC1-0093-00 **STD** A = Ø 8,100

Aplicação / Application: **TOYOTA:** Hilux 3.0 16V D´ 05 R78--M55 12V (R), **MITSUBISHI:** L-200 Motor BOSCH F 000 AL0 111

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSH)**

I

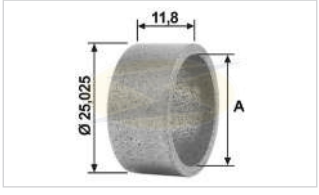


BC1-0094-00 **STD** A = Ø 10,015

Aplicação / Application: **TOYOTA:** Corolla 1.8 / 2.0, Hilux 3.0 16V, **BMW:** 116, 118, 120, 125, 130, 135, 316, 318, 320, 323, 325, 325, 330, 335, 520, 523, 525, 530, 535, 630 3.0 i (2004-2010), 730 3.0 i (2005-2015), 730 3.0 Li (2005-2015), 740 3.0 i (2008-2012), 740 3.0 Li (2008-2012), X1 3.0 xDrive 25 i (2010-2011), X1 3.0 xDrive 28 i (2009-2011), X3 2.5 Si (2006-2008), X3 2.5 xDrive 25 i (2008-2010), X3 3.0 Si (2006-2008), X3 3.0 xDrive 28 i (2011-2012), X3 3.0 xDrive 30 i (2008-2010), X3 3.0 xDrive 35 i (2010-2017), X5 3.0 Si (2006-2008), X5 3.0 xDrive 30 i (2008-2010), X5 3.0 xDrive 35 i (2010-2013), X6 3.0 xDrive 35 i (2008-2014), Z4 2.5 i (2005-2009), Z4 2.5 sDrive 23 i (2009-2011), Z4 2.5 Si (2006-2008), Z4 3.0 sDrive 30 i (2009-2011), Z4 3.0 sDrive 35 i (2009-2016), Z4 3.0 sDrive 35 is (2010-2016), Z4 3.0 Si (2006-2008).

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**

I

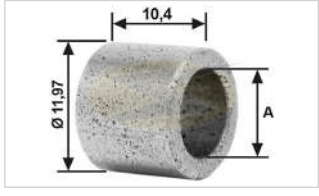


BC1-0095-00 **STD** A = Ø 21,045

Aplicação / Application: **MERCEDES BENZ:** Série 7t / 9t / 12t / 14t / 16t / 24t / O, **VOLVO:** Série B7R, Modelos B7R D7A, B7R D7B, B7R D7C

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSH EV)**

I



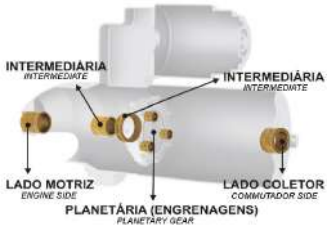
BC1-0096-00 **STD** A = Ø 8,100

Aplicação / Application: **FIAT:** Stilo, Palio, Siena, Doblo, Strada, **CHEVROLET- GM:** Astra, Monza, S10, Vectra, Zafira, Blazer, Novo Corsa, Meriva, Montana

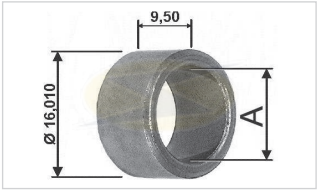
Observação / Note: Caixa com 10 peças / Box with 10 piece

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



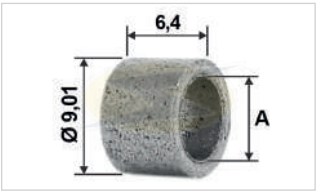
LC



BC1-0097-00 STD A = Ø 12,010

Aplicação / Application: **FIAT:** Stilo, Palio, Siena, Doblo, Strada, **CHEVROLET-GM:** Astra, Agile (2009-2015), Celta (2000-2015), Cobalt (2011-2013), Corsa Classic (2003-2015), Corsa (1994-2014), Montana (2007-2013), Novo Corsa (2007-2014), Pick-up Corsa (1995-2002), Prisma (2006-2014), Blazer, S-10, Vectra, Zafira, Blazer, Meriva

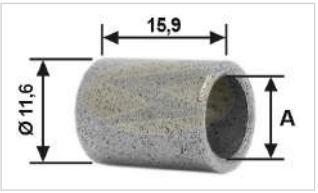
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCOREMY PG-260D)**



BC1-0098-00 STD A = Ø 6,310

Aplicação / Application: **CHEVROLET-GM:** D-20, Monza, opala

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(Limpador de pára-brisa)**

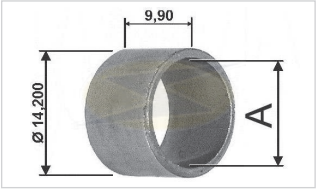


BC1-0099-00 STD A = Ø 8,700

Aplicação / Application: **CHEVROLET-GM:** D-20, Monza, opala

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(Limpador de pára-brisa)**

LM / LC

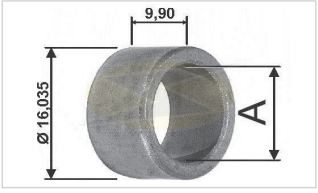


BC1-0100-00 STD A = Ø 12,075

Aplicação / Application: **FORD:** Escort, F1000, Maverick, Mondeo, Transit, Fiesta, Focus, Ka, Ranger, F250, F350, F4000

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH EV)**

LC / I

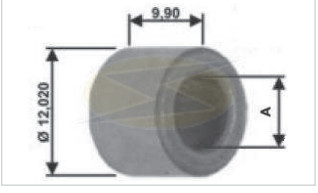


BC1-0101-00 STD A = Ø 11,930
BC1-0101-02 2X A = Ø 11,805

Aplicação / Application: **MITSUBISHI:** L-200, **FORD:** Escort, Ka, Fiesta

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MOTORCRAFT, BOSCH)**

LM

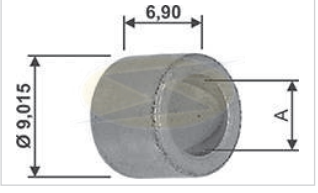


BC1-0102-00 STD A = Ø 7,040
BC1-0102-02 2X A = Ø 6,905

Aplicação / Application: **FORD:** Escort, Ka, Fiesta, **FIAT:** Ducato

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO)**

LM

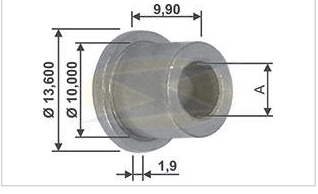


BC1-0103-00 STD A = Ø 6,020

Aplicação / Application: **RENAULT:** Laguna, Nevada, R19, Megane, Clio, R9, R11, R21, Super 5, Trafic 1.7 **CITROEN:** AX, Berlingo, C15, Saxo, XM, Xsara, ZX, **PEUGEOT:** 106, 207, 306, 309, 405, 605, Partner

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

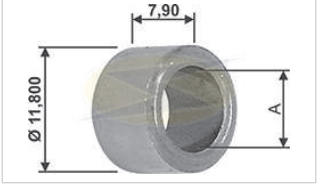


BC1-0104-00 STD A = Ø 6,025

Aplicação / Application: **CITROEN:** AX, Berlingo, C15, Saxo, XM, Xsara, ZX, **PEUGEOT:** 106, 205, 206, 207, 306, 309, 405, 605, Partner, **RENAULT:** Clio, R9, R11, R19, R21, Super 5, Trafic, Laguna, Nevada, Megane

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM

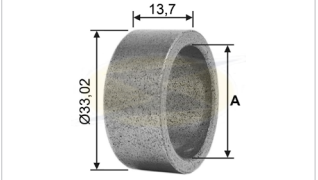


BC1-0105-00 STD A = Ø 8,020

Aplicação / Application: **VOLKSWAGEN:** Gol, Saveiro, Polo, Polo sedan, SpaceFox, Voyage, Fox, Golf

Observação / Note: Caixa com 10 peças / Box with 10 pieces

LC

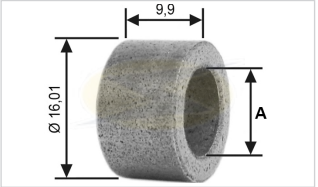


BC1-0106-00 STD A = Ø 26,020

Aplicação / Application: **VOLKSWAGEN:** Bora 1.6 (2002-2005), Fox 1.0 / 1.2 / 1.4 / 1.6, Lupo 1.6 GTi (2000-2005), New Beetle 1.4, Polo 1.2 / 1.4 / 1.6, Polo Sedan 1.0 / 1.6, Saveiro, SpaceFox 1.0 / 1.6, Golf 1.6 2.0 8V (1999 - 2007), Golf GLX 2.0 8V (1996 - 1999), Golf GTI 1.8L 20V (1998 - 1999), Golf GTI 2.8 12V V6 (2003 - 2004), Golf Mi 1.6 8V (1998 - 1999), Golf NOVO 1.6 2.0 8V (2007 - 2008), Golf NOVO GTI TURBO 2.0 8V (2007 - 2008), Golf TURBO 1.8 20V (2004 - 2007), **AUDI:** A2 1.6 FSi (2002-2005), **SEAT:** Cordoba 1.2 / 1.4 / 1.6, Ibiza 1.2 / 1.4 / 1.6, **SKODA:** Fabia 1.2 / 1.4, **RENAULT:** Sandero

Observação / Note: Caixa com 10 peças / Box with 10 pieces

I



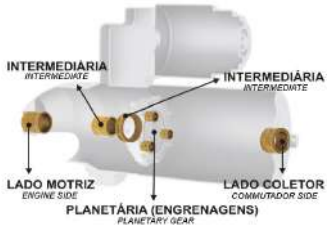
BC1-0107-00 STD A = Ø 10,015

Aplicação / Application: **MERCEDES BENZ:** Séries: 9t / 7t / 12t / 14t / 16t / 24t / O, **VOLVO:** Modelos B7R D7A, B7R D7B, B7R D7C, **FORD:** F1000, F250, F350, Cargo C 1317 / 1319 / 1517 / 1519 / 1717 / 1719 / 1722 / 1723 / 2422 / 2423 / 2428 / 2429 / 2622 / 2623 / 2628 / 2629

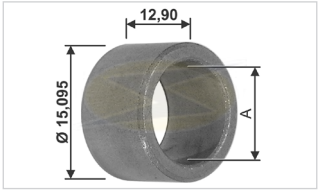
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



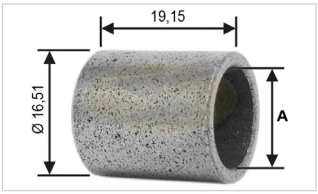
LC



BC1-0108-00 **STD** A = Ø 10,015

Aplicação / Application: **MITSUBISHI, YALE, HISTER, CLARK:** Empilhadeira Motor Mitsubishi, **CHEVROLET-GM:** Celta, Corsa Classic, Corsa, Meriva
Observação / Note: Caixa com 10 peças / Box with 10 pieces

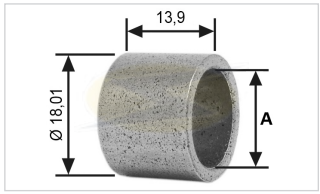
LC



BC1-0109-00 **STD** A = Ø 12,820

Aplicação / Application: **NEW HOLLAND:** Séries TM 135, TM 150, TM 160, **CASE:** MX, **VALTRA**
Observação / Note: Caixa com 10 peças / Box with 10 pieces

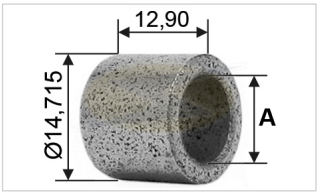
LC



BC1-0110-00 **STD** A = Ø 14,005

Aplicação / Application: **NEW HOLLAND:** Série TM 135, TM 150, TM 160, **CASE:** MX, MXM, **VALTRA:** BM, BH
Observação / Note: Caixa com 10 peças / Box with 10 pieces

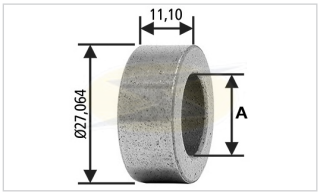
I / LC



BC1-0111-00 **STD** A = Ø 10,015

Aplicação / Application: **MITSUBISHI:** L200, Pajero
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(LUCAS INDIEL - M93R)

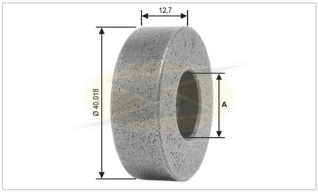
I / LC



BC1-0112-00 **STD** A = Ø 15,913

Aplicação / Application: **HYSTER:** (todos) Motor 375248-7
Observação / Note: Caixa com 10 peças / Box with 10 pieces

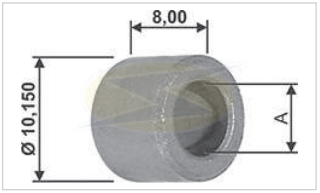
I



BC1-0113-00 **STD** A = Ø 17,069

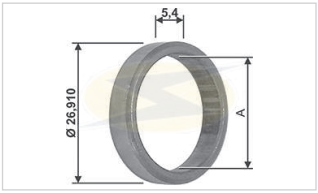
Aplicação / Application: **CHEVROLET-GM:** Opala 1968/1978
Observação / Note: Caixa com 5 peças / Box with 5 pieces

PT



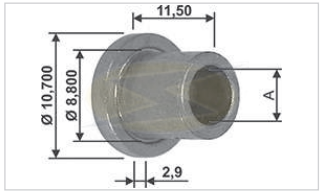
BC1-0114-00 **STD** A = Ø 6,105

Aplicação / Application: **FORD:** MOTORCRAFT Bucha para planetária (Sub-rolete engrenagens) Motor BOSCH DW.
Observação / Note: Caixa com 10 peças / Box with 10 pieces



BC1-0115-00 **STD** A = Ø 22,260

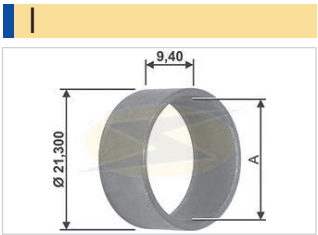
Aplicação / Application: **CHEVROLET-GM:** Astra, Vectra, Zafira, S10, Blazer, Corsa, Meriva
Observação / Note: Caixa com 10 peças / Box with 10 pieces



BC1-0116-00 **STD** A = Ø 6,025

Aplicação / Application: **CHEVROLET-GM:** Astra, Agile 1.0/1.4/1.6 (2009-2015), Celta 1.0/1.4/1.6 (2000-2015), Cobalt 1.0/1.4/1.6 (2011-2013), Corsa Classic 1.0/1.4/1.6 (2003-2015), Corsa 1.0/1.4/1.6 (1994-2014), Montana 1.0/1.4/1.6 (2007-2013), Novo Corsa 1.0/1.4/1.6 (2007-2014), Pick-up Corsa 1.0/1.4/1.6 (1995-2002), Prisma 1.0/1.4/1.6 (2006-2014), Vectra, Zafira, S10, Blazer, Meriva, **FIAT:** Stilo.
Observação / Note: Caixa com 10 peças / Box with 10 pieces

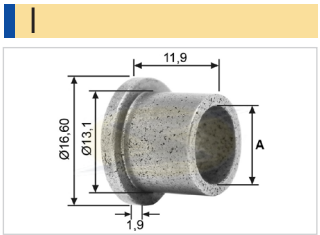
I



BC1-0117-00 **STD** A = Ø 19,115

Aplicação / Application: **MITSUBISHI, HISTER, CLARK:** Bucha para partida de Empilhadeira, Empilhadeira Motor Mitsubishi, **CHEVROLET- GM:** Omega 4.1 CD
Observação / Note: Caixa com 10 peças / Box with 10 pieces

I

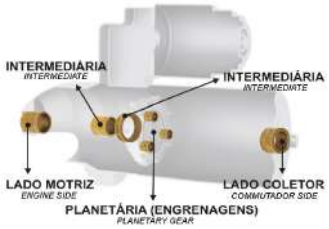


BC1-0118-00 **STD** A = Ø 10,015

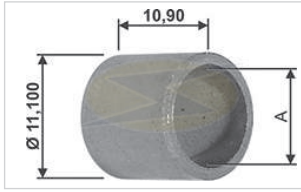
Aplicação / Application: **CHEVROLET-GM:** S10, Cruze 1.4 turbo 2017 Start –Stop, Tracker, **KIA:** Rio I 1.3 / I 1.5, **MARCOPOLO:** Volare, **MAZDA:** 323 VI 1.4 16V / 1.5 16V, 626 V 1.8 / 2.0, MPV II 2.0 16V, MX-5 II 1.6i / 1.8i, Premacy 1.8 / 2.0, **MITSUBISHI, HYSTER, CLARK:** Bucha para partida de Empilhadeira, Empilhadeira Motor Mitsubishi, **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa, **FIAT:** Toro, **JEEP:** Compass 2.4, **FORD:** Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010)
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



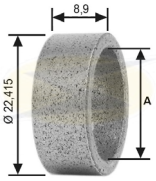
LM



BC1-0119-00 STD A = Ø 9,025

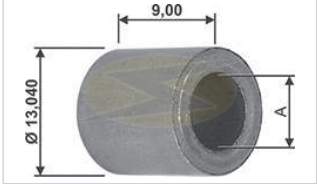
Aplicação / Application: **CHEVROLET-GM:** Celta 1.0 1.4, Corsa Classic 1.0 8V, Corsa modelo novo 1.8 8V, Corsa modelo antigo GL 1.4 8V SOHC 1994 a 2001, Corsa GL WIND Gsi, Corsa JOY/MAXX e PREMIUM 1.0 1.4 1.8 8V
Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM



BC1-0120-00 STD A = Ø 17,815

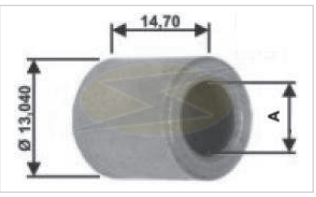
Aplicação / Application: **MITSUBISHI:** L200, Pajero
Observação / Note: Caixa com 10 peças / Box with 10 pieces



BC1-0121-00 STD A = Ø 10,015

Aplicação / Application: **MERCEDEZ BENZ, SCANIA**
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(Limpador de parabrisa)

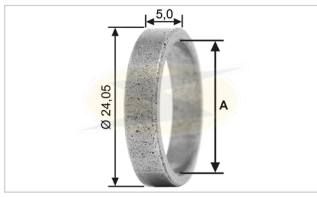
PLAN.



BC1-0122-00 STD A = Ø 8,020

Aplicação / Application: **CUMMINS:** ISB02 5.8, C 8.3, B, **DODGE:** Ram 2.500, **FORD:** Cargo 2422, 2425, 2425, 2630, **VOLKSWAGEN:** Ônibus MWM, **JOHN DEERE:** Trator 6Cil, **MERCEDES BENZ:** O371, OG215, Ônibus 1214 / 1414 / 1418 / 1614, **MWM:** 4 e 6cil, X10, 229, **AGRALE:** Marruá MWM SPRINT 4.07, **VALTRA:** Trator BH140, BH160, BH180 SISU, BL77 SISU, BI88 SISU, BM100, BM120 SISU, 685C, 785C, 1280, 1580, **VOLVO:** VM17 / X10 / 229, VM23 / X10 / 229, **CATERPILLAR, CHRYSLER, FREIGHTLINER, GRADALL, INTERNATIONAL NAVISTAR, UNIFAP:** Planetária UF-12.100
Observação / Note: Caixa com 10 peças / Box with 10 pieces

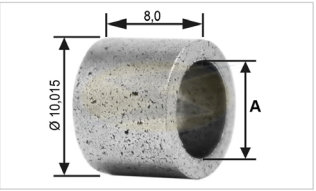
I



BC1-0124-00 STD A = Ø 20,010

Aplicação / Application: **HYUNDAI:** HR, Accent 1.5 CRDI, **KIA:** Bongo, CEE'D 1.5, Sorento 2.5 Turbo Diesel, K2700, **MERCEDES BENZ:** Sprinter, **UNIFAP:** Utilizada na Planetária: 16.101 (3 eng.)
Observação / Note: Caixa com 10 peças / Box with 10 pieces

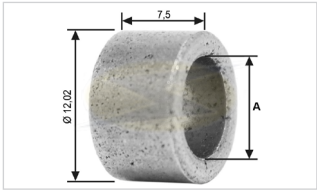
I



BC1-0125-00 STD A = Ø 7,040

Aplicação / Application: **KIA:** Bongo, CEE'D 1.5, Sorento 2.5 Turbo Diesel, **MERCEDES BENZ:** Sprinter 311 CDi / 313 CDi, **HYUNDAI:** H100, HR, Accent 1.5, **FIAT:** Ducato, **RENAULT:** Master, **VOLKSWAGEN:** Amarok 2.0 TDi, **UNIFAP:** Utilizada na Planetária: 16.101 (3 eng.)
Observação / Note: Caixa com 10 peças / Box with 10 pieces

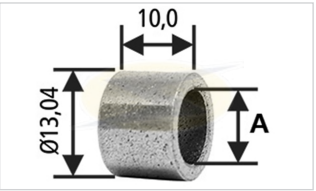
LC



BC1-0126-00 STD A = Ø 8,020

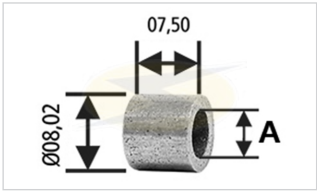
Aplicação / Application: **FIAT:** Uno Vivace, Palio Fire 1.4
Observação / Note: Caixa com 10 peças / Box with 10 pieces

LM



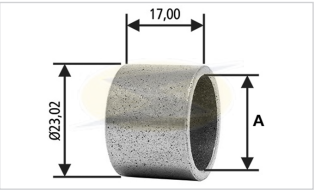
BC1-0127-00 STD A = Ø 9,040

Aplicação / Application: **FIAT:** Uno Vivace, Palio Fire 1.4
Observação / Note: Caixa com 10 peças / Box with 10 pieces



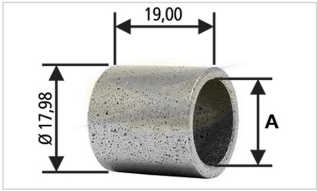
BC1-0129-00 STD A = Ø 5,060

Aplicação / Application: **RENAULT:** Megane, Senic, Clio, Laguna
Observação / Note: Caixa com 10 peças / Box with 10 pieces



BC1-0130-00 STD A = Ø 19,040

Aplicação / Application: **VALMET E VALTRA Moderno**
Observação / Note: Caixa com 10 peças / Box with 10 pieces

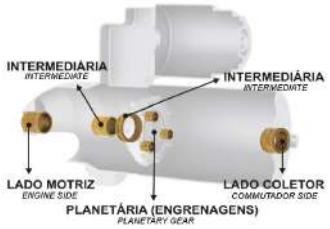


BC1-0131-00 STD A = Ø 14,070

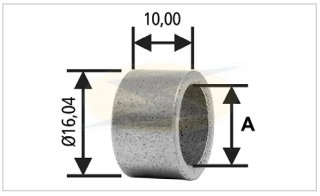
Aplicação / Application: **VALMET E VALTRA Moderno**
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*



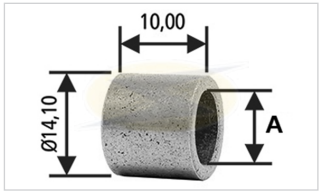
LM



BC1-0133-00 **STD** A = Ø 12,010

Aplicação / Application: **FORD:** Ranger, **FIAT:** Ducato, **PEUGEOT:** Boxer, **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**

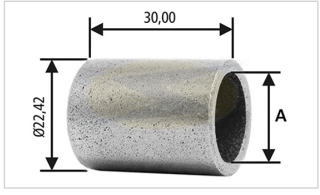


BC1-0135-00 **STD** A = Ø 10,000

Aplicação / Application: **HYSTER, CLARK, YALLE, MITSUBISHI:** Empilhadeira, **CHEVROLET- GM:** S10, **KIA:** Rio I 1.3 / I 1.5, **MARCOPOLO:** Volare, **MAZDA:** 323 VI 1.4 16V / 1.5 16V, 626 V 1.8 / 2.0, MPV II 2.0 16V, MX-5 II 1.6i / 1.8i, Premacy 1.8 / 2.0

Observação / Note: Caixa com 10 peças / Box with 10 pieces

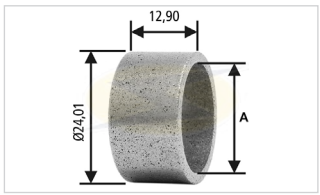
LC



BC1-0137-00 **STD** A = Ø 17,330

Aplicação / Application: **CATERPILLAR:** D8

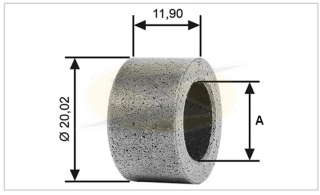
Observação / Note: Caixa com 5 peças / Box with 5 pieces **(DELCO)**



BC1-0139-00 **STD** A = Ø 20,000

Aplicação / Application: **IVECO:** Caminhões, **NEW HOLLAND:** colheitadeira TC 55, TC 57,

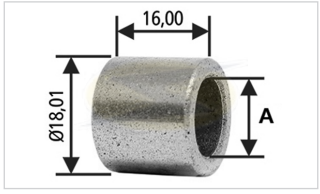
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MAGNETI MARELLI)**



BC1-0141-00 **STD** A = Ø 12,700

Aplicação / Application: **IVECO:** Caminhões, **NEW HOLLAND:** colheitadeira TC 55, TC 57,

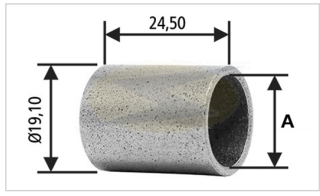
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MAGNETI MARELLI)**



BC1-0132-00 **STD** A = Ø 12,040

Aplicação / Application: **FORD:** F-250, Sprint 6cc

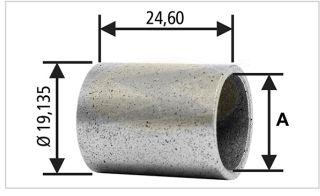
Observação / Note: Caixa com 10 peças / Box with 10 pieces



BC1-0134-00 **STD** A = Ø 16,000

Aplicação / Application: **CATERPILLAR:** D8

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO)**

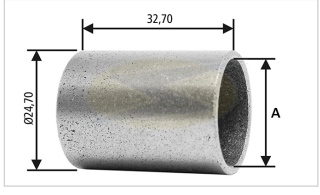


BC1-0136-00 **STD** A = Ø 15,953

Aplicação / Application: **CATERPILLAR:** D4

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO)**

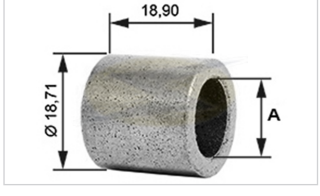
I



BC1-0138-00 **STD** A = Ø 21,100

Aplicação / Application: **CATERPILLAR:** D4, D8

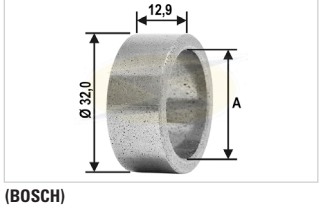
Observação / Note: Caixa com 5 peças / Box with 5 pieces **(DELCO)**



BC1-0140-00 **STD** A = Ø 12,500

Aplicação / Application: **IVECO:** Caminhões, **NEW HOLLAND:** Colheitadeira TC 55, TC 57

Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MAGNETI MARELLI)**



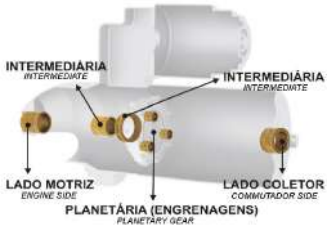
BC1-0142-00 **STD** A = Ø 25,000

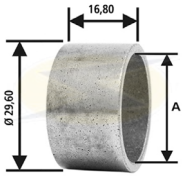
Aplicação / Application: **VOLKSWAGEN:** Golf TSI 1.4 **AUDI:** A3 TSI, **DAF:** XF105.460, XF105.510, **SCANIA:** P230, P270, P310, P340, P380, P420, P470, R230, R270, R310, R340, R380, R420, R470, T340, T380, T420, T470, K310

Observação / Note: Caixa com 5 peças / Box with 5 pieces **(BOSCH)**

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*

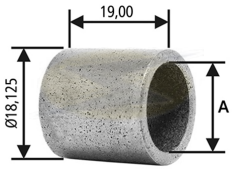




BC1-0143-00 STD A = Ø 25,170

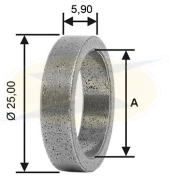
Aplicação / Application: **PEUGEOT:** 504 **RENAULT:** R18, R21, R25 trafic
Observação / Note: Caixa com 5 peças / Box with 5 pieces **(LUCAS INDIEL)**

LM



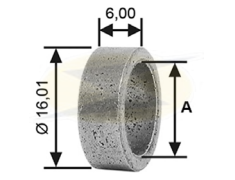
BC1-0144-00 STD A = Ø 14,040
BC1-0144-02 2X A = Ø 13,950

Aplicação / Application: **PEUGEOT:** 504, 505, XT2, **RENAULT:** R18, R21, R25, trafic, Master Diesel
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(LUCAS INDIEL)**



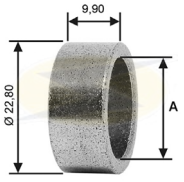
BC1-0145-00 STD A = Ø 19,500

Aplicação / Application: **HYUNDAI:** HR
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(VALEO)**



BC1-0146-00 STD A = Ø 12,050

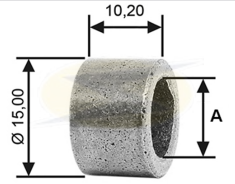
Aplicação / Application: **VOLKSWAGEN:** Golf TSI 1.4, **AUDI:** A3 TSI
Observação / Note: Caixa com 10 peças / Box with 10 pieces



BC1-0147-00 STD A = Ø 17,500

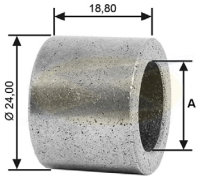
Aplicação / Application: **JEEP, CHEVROLET- GM:** S10 2.8 Diesel (c/ motor MWM), **TROLLER:** T4 (c/ motor MWM)
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MITSUBISHI)**

LC



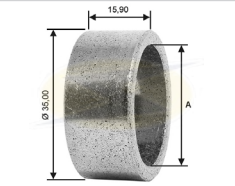
BC1-0148-00 STD A = Ø 10,000

Aplicação / Application: **JEEP, CHEVROLET- GM:** S10 2.8 Diesel (c/ motor MWM), **TROLLER:** T4 (c/ motor MWM)
Observação / Note: Caixa com 10 peças / Box with 10 pieces



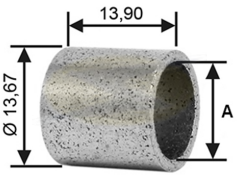
BC1-0149-00 STD A = Ø 15,900

Aplicação / Application: **JOHN DEERE:** Colheitadeira, **MERCEDES BENZ:** Actros 2553, **SCANIA:** P114, P124, P322, P340, P360, P400, R114, R320, R322, R340, R360, T114, T320, T322, T340, T360
Observação / Note: Caixa com 10 peças / Box with 10 pieces



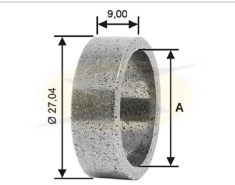
BC1-0150-00 STD A = Ø 28,000

Aplicação / Application: **VOLKSWAGEN:** CrossFox, Fox, Gol, Golf, Parati, Polo, Santana, Saveirox, SpaceCross, SpaceFox, Voyage
Observação / Note: Caixa com 5 peças / Box with 5 pieces **(BOSCH)**



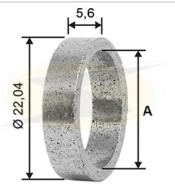
BC1-0151-00 STD A = Ø 11,040

Aplicação / Application: **VOLKSWAGEN:** Fusca, Brasilia, Gol, Kombi Com bloco gasto
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**



BC1-0152-00 STD A = Ø 22,020

Aplicação / Application: **VALTRA e VALMET** (moderno)
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(ISKRA)**

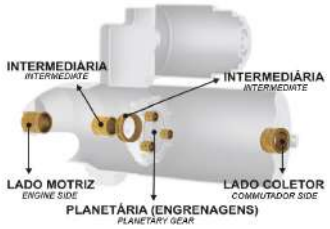


BC1-0153-00 STD A = Ø 18,000

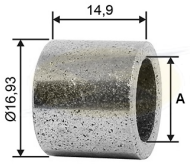
Aplicação / Application: **IVECO:** Daily 55c16, **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*

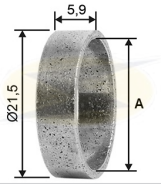


BC1-0154-00 STD A = Ø 12,020



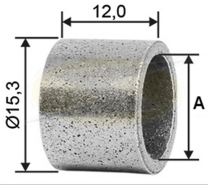
Aplicação / Application: **FORD:** F-250, F-350 MWM, **CHEVROLET-GM:** Astra, Meriva, Zafira, Montana, Bazer, S-10, **YALE, CLARK, HYSTER**
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**

BC1-0155-00 STD A = Ø 19,000



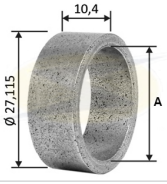
Aplicação / Application: **FORD:** Ranger, Explorer, Mondeo V6, Mustang V6, Taurus
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MOTORCRAFT)**

BC1-0156-00 STD A = Ø 12,000



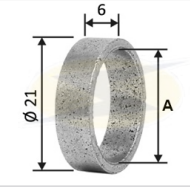
Aplicação / Application: **FORD:** Ranger, Explorer, Mondeo V6, Mustang V6, Taurus
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MOTORCRAFT)**

BC1-0157-00 STD A = Ø 21,860



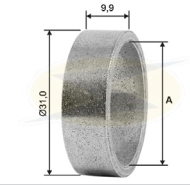
Aplicação / Application: **CHALLENGER:** Colheitadeira 652C / 660B / 670B / 672C, Pulverizador (gafanhoto) RoGator RG635B / RG645B / RG655B / RG1100 / RG1300, Trator TerraGator TG845, Trator de esteiras MT665D / MT685D / MT745D / MT755D / MT755E / MT765D / MT765E / MT775E, **BOBCAT:** Mini pá carregadeira 975, **CASE:** Tratores CS / CVX / JX / JXU / Maxxum / MXU / MXM / Puma / Quantum, **JOHN DEERE:** Colheitadeiras, Retroescavadeira 210C / 210LE / 300B/D / 310C/B/D/E/G / 315C/D/CH/G / 410C/E/G / 610C / JD310 / JD350A / JD400A / JD450A/B/C, Tratores, **KOMATSU:** Retroescavadeira WB97S-5, **MAN:** Caminhões 6100 / 8100 / 8113 / 8150 / 8153 / 8163 / 8185 / 8220 / 8223 / 8224 / 9150 / 9153 / 9163 / 9185 / 9223 / 9224 / 10145 / 10150 / 10153 / 10163 / 10220 / 10223 / 10224 / 11150 / 11190 / 11220 / 11230 / 12152 / 12162 / 12163 / 12192 / 12222 / 12224 / 12232 / 12255 / 12262 / 12264 / 12272 / 12284 / 12285 / 13220 / 13230 / 14152 / 14162 / 14163 / 14192 / 14220 / 14222 / 14224 / 14232 / 14262 / 14264 / 14272 / 14282 / 15163 / 15224 / 15264 / 15284 / 17192 / 17222 / 17232 / 17272 / 18192, 18220 / 18222 / 18224 / 18232 / 18262 / 18264 / 18272 / 18284 / 20224 / 20264 / 20284 / 24192 / 24222 / 24232 / 24262 / 24272 / 25224 / 26225 / 26285 / LE160C / LE180C / LE220C / ME220B / ME250B / ME280B, Ônibus NM152 / NM182 / NM192 / NM222 / NM223 / SM152 / SM192, **MASSEY FERGUSON:** Tratores, **MERCEDES-BENZ:** Vario, Ônibus O520 (Cito) / O530 (Citaro), **NEW HOLLAND:** Colheitadeira HW300 / HW320 / HW340, Tratores T6 / T7 / TB / TM / TS / TV, **VALMET:** Tratores, **VALTRA:** Tratores, **ZETOR:** Tratores, **CATERPILLAR:** Máquinas Challenger diversas
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(ISKRA)**

BC1-0158-00 STD A = Ø 17,550



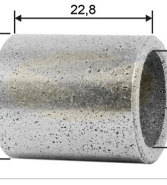
Aplicação / Application: **CHEVROLET:** Captiva, tracker, Omega australiano, **MITSUBISHI:** Pajero Tr4, **SUZUKI:** Vitara
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MITSUBISHI)**

BC1-0159-00 STD A = Ø 26,000



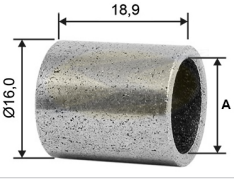
Aplicação / Application: **VOLKSWAGEN:** Fox G4/G5, Golf, Voyage
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(VALEO)**

BC1-0160-00 STD A = Ø 14,310



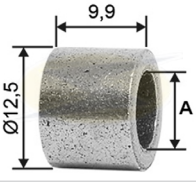
Aplicação / Application: **CATERPILLAR:** D-4, D-6
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(DELCO)**

BC1-0161-00 STD A = Ø 12,600



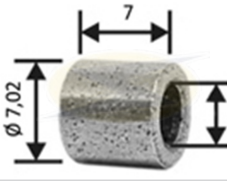
Aplicação / Application: **VALMET:** Moderno, **NEW HOLLAND:** TC-59 Colheitadeira
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(ISKRA)**

BC1-0162-00 STD A = Ø 8,000



Aplicação / Application: **FORD:** Fiesta Street 1.0, Ka, Currier, Taurus, Ranger, Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010), **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa, **LAND ROVER:** Discovery 3 2.7 (2012), Range Rover Diesel
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MOTORCRAFT)**

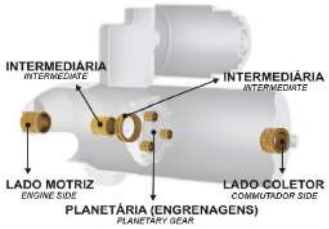
BC1-0163-00 STD A = Ø 4,025

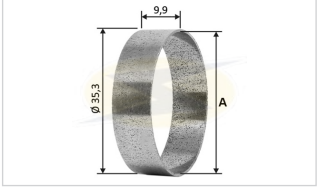


Aplicação / Application: **PLANETARIA CHEVROLET:** Astra, Corsa
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(VALEO)**

Legenda:

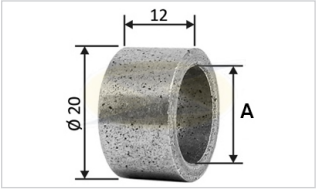
LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*





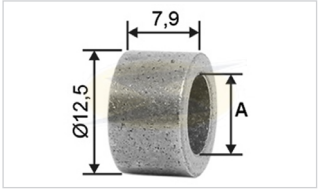
BC1-0164-00 STD A = Ø 34,000

Aplicação / Application: **CATERPILLAR, VOLVO**
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MITSUBISHI)**



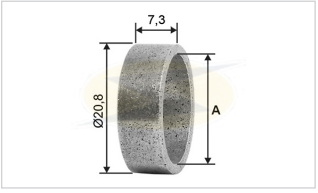
BC1-0165-00 STD A = Ø 14,600

Aplicação / Application: **CATERPILLAR, VOLVO**
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MITSUBISHI)**



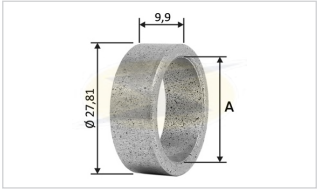
BC1-0166-00 STD A = Ø 8,000

Aplicação / Application: **FIAT:** Uno vivace, Palio fire 1.4
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**



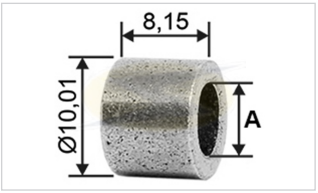
BC1-0167-00 STD A = Ø 17,500

Aplicação / Application: **SUZUKI:** Grand Vitara 4x4 após 2012, **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa, **FIAT:** Toro, **JEEP:** Compass 2.4, **FORD:** Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010)
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MITSUBISHI)**



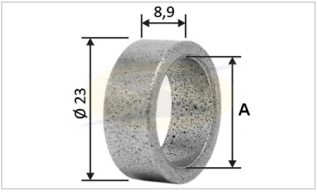
BC1-0168-00 STD A = Ø 22,005

Aplicação / Application: **CHALLENGER:** Colheitadeira 652C / 660B / 670B / 672C, Pulverizador (gafanhoto) RoGator RG635B / RG645B / RG655B / RG1100 / RG1300, Trator TerraGator TG845, Trator de esteiras MT665D / MT685D / MT745D / MT755D / MT755E / MT765D / MT765E / MT775E, **BOBCAT:** Mini pá carregadeira 975, **CASE:** Tratores CS / CVX / JX / JXU / Maxxum / MXU / MXM / Puma / Quantum, **JOHN DEERE:** Colheitadeiras, Retroescavadeira 210C / 210LE / 300B/D / 310C/B/D/E/G / 315C/D/CH/G / 410C/E/G / 610C / JD310 / JD350A / JD400A / JD450A/B/C, Tratores, **KOMATSU:** Retroescavadeira WB97S-5, **MAN:** Caminhões 6100 / 8100 / 8113 / 8150 / 8153 / 8163 / 8185 / 8220 / 8223 / 8224 / 9150 / 9153 / 9163 / 9185 / 9223 / 9224 / 10145 / 10150 / 10153 / 10163 / 10220 / 10223 / 10224 / 11150 / 11190 / 11220 / 11230 / 12152 / 12162 / 12163 / 12192 / 12222 / 12224 / 12232 / 12255 / 12262 / 12264 / 12272 / 12284 / 12285 / 13220 / 13230 / 14152 / 14162 / 14163 / 14192 / 14220 / 14222 / 14224 / 14232 / 14262 / 14264 / 14272 / 14282 / 15163 / 15224 / 15264 / 15284 / 17192 / 17222 / 17232 / 17272 / 18192, 18220 / 18222 / 18224 / 18232 / 18262 / 18264 / 18272 / 18284 / 20224 / 20264 / 20284 / 24192 / 24222 / 24232 / 24262 / 24272 / 25224 / 26225 / 26285 / LE160C / LE180C / LE220C / ME220B / ME250B / ME280B, Ônibus NM152 / NM182 / NM192 / NM222 / NM223 / SM152 / SM192, **MASSEY FERGUSON:** Tratores, **MERCEDES-BENZ:** Vario, Ônibus O520 (Cito) / O530 (Citaro), **NEW HOLLAND:** Colheitadeira HW300 / HW320 / HW340, Tratores T6 / T7 / TB / TM / TS / TV, **VALMET:** Tratores, **VALTRA:** Tratores, Bh180 moderno, **ZETOR:** Tratores, **CATERPILLAR:** Máquinas Challenger diversas
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(ISKRA)**



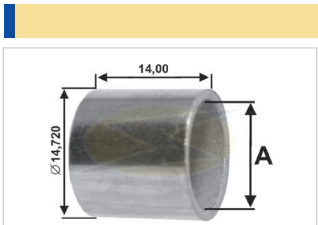
BC1-0169-00 STD A = Ø 6,130

Aplicação / Application: **PLANETÁRIA - CHEVROLET-GM:** Astra, Omega, Zafira, **FORD:** Fiesta, Escort, Ka
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH / MOTORCRAFT)**



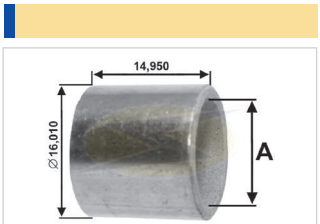
BC1-0171-00 STD A = Ø 17,500

Aplicação / Application: **MITSUBISHI:** Empilhadeira
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(MITSUBISHI)**



BC1-0187-00 STD A = Ø 12,060

Aplicação / Application: **CHEVROLET-GM**: Omega V6 3.8 (1999-2004)
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(BOSCH)**

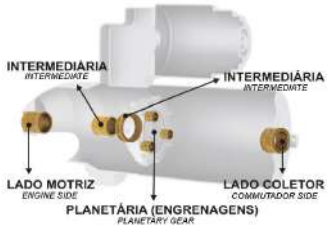


BC1-0189-00 STD A = Ø 12,560

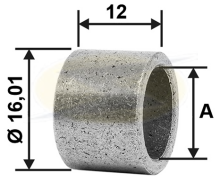
Aplicação / Application: **NISSAN:** Livina, Sentra, Tida, **RENAULT:** Fluence
Observação / Note: Caixa com 10 peças / Box with 10 pieces **(HITACHI)**

Legenda:

LM: Lado Motriz / *Engine Side*
LC: Lado Coletor / *Commutador Side*
I: Intermediária / *Intermediate*
PLAN.: Planetária / *Planetary Gear*

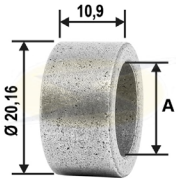


BC1-0191-00 STD A = Ø 12,050



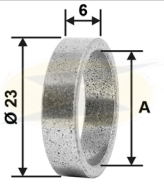
Aplicação / Application: **TOWNER:** Antiga, **FORD:** F250 (c/ motor Cummins eletrônico), F350 (c/ motor Cummins eletrônico), F4000 (c/ motor Cummins eletrônico), **TOYOTA:** Hilux 2.5 / 2.8 / 3.0, SW4 D4D
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(BRIGHT)

BC1-0192-00 STD A = Ø 14,050



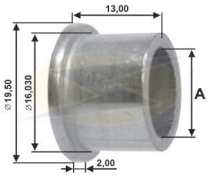
Aplicação / Application: **NEW HOLLAND:** TC 59
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(ISKRA)

BC1-0194-00 STD A = Ø 19,000



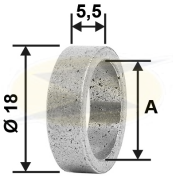
Aplicação / Application: **JEEP:** Cherokee, **CHEVROLET-GM:** S10, Blazer, **TROLLER:** T4, **MITSUBISHI:** TR4
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(MITSUBISHI)

BC1-0196-00 STD A = Ø 12,050



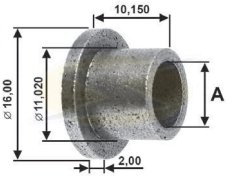
Aplicação / Application: **HYSTER:** Empilhadeiras
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(MITSUBISHI)

BC1-0197-00 STD A = Ø 14,000



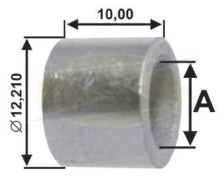
Aplicação / Application: **CITROEN:** Picasso
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(VALEO)

BC1-0199-00 STD A = Ø 8,050



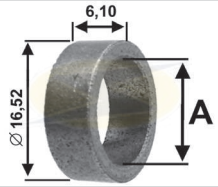
Aplicação / Application: **RENAULT:** Clio 1.0 (1999-2016), Logan 1.0 (2007-2015), Sandero 1.0 (2007-2015), Symbol, Duster, **PEUGEOT:** 206, **NISSAN:** March 1.0 (2012>), **FORD:** Courier (1999-2013), Ecosport (2003-2012), Escort (2000-2002), Fiesta (1999-2013)
Observação / Note: Caixa com 10 peças / Box with 10 pieces

BC1-0203-00 STD A = Ø 8,050



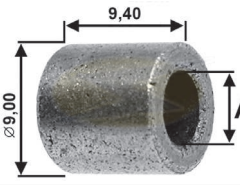
Aplicação / Application: **CHEVROLET-GM:** S10 Diesel 2.8 (2011 - 2014), TrailBlazer Diesel 2.8 (2011 - 2014)
Observação / Note: Caixa com 10 peças / Box with 10 pieces
(VALEO)

BC1-0206-00 STD A = Ø 12,560



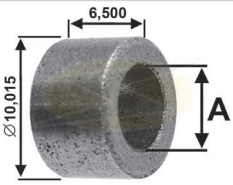
Aplicação / Application: **FIAT:** Doblò 1.8 MPi 16V Flex, Grand Siena 1.6 Flex, Idea 1.4 / 1.6 / 1.8, Palio 1.6 / 1.8 / Weekend 1.6, Punto 1.4 / 1.6 / 1.8, Siena 1.6 MPi 16V Flex, Strada 1.6 / 1.8, Bravo, Linea, **TOYOTA:** Corolla 1.8 / 2.0
Observação / Note: Caixa com 10 peças / Box with 10 pieces

BC1-0211-00 STD A = Ø 5,060



Aplicação / Application: **ACURA:** Tsx 2.4 L, **HONDA:** New Fit (2015 ->), New City (2015 ->), New Civic (2012 ->), CRV (2012 ->), Accord 2.4l, Civic Si, Ex, Lx (2007-2013), Crv 2.4l, Element, **FIAT:** Toro, Argo, Novo Uno, Mobi, Ducato 2.8 Diesel, **JEEP:** Renegade, **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)
Observação / Note: Caixa com 10 peças / Box with 10 pieces

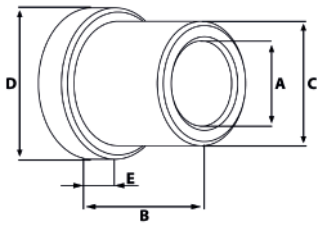
BC1-0213-00 STD A = Ø 6,060



Aplicação / Application: **VOLKSWAGEN:** Up, Gol G6, Voyage G6
Observação / Note: Caixa com 10 peças / Box with 10 pieces

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



PRESTOLITE Equivalente / Replace

KT-0001-00 STD
KT-0001-02 2X

Composição / *Composition:*
1 BC1-0053-00 (A=11,215 x B=13,5 x C=14,325)
1 BC1-0056-00 (A=10,050 x B=13,8 x C=13,040)
1 BC1-0057-00 (A=21,840 x B=11,9 x C=25,890)
1 BC1-0058-00 (A=15,063 x B=13,3 x C=18,135)
1 BC1-0053-02 (A=11,088 x B=13,5 x C=14,325)
1 BC1-0056-02 (A=9,93 x B=13,8 x C=13,040)
1 BC1-0057-02 (A=21,720 x B=11,9 x C=25,890)
1 BC1-0058-02 (A=14,925 x B=13,3 x C=18,135)

Aplicação / Application: **VOLKSWAGEN:** Caminhões c/ motores Cummins 24v 5.9 e 8.3, **FORD:** Power Stroke c/ motor Navistar V8 7.3 **(INDIEL PRESTOLITE M100R)**

WAPSA Equivalente / Replace

KT-0002-00 STD
KT-0002-02 2X
KT-0002-03 3X

Composição / *Composition:*
1 BC1-0022-00 (A=18,830 x B=19 x C=22,788)
1 BC1-0023-00 (A=14,325 x B=19 x C=17,988)
1 BC1-0022-02 (A=18,690 x B=19 x C=22,788)
1 BC1-0023-02 (A=14,160 x B=19 x C=17,988)
1 BC1-0022-03 (A=18,563 x B=19 x C=22,788)
1 BC1-0023-03 (A=14,025 x B=19 x C=17,988)

Aplicação / Application: **CASE:** Pá carregadeira W7, **CBT:** Trator 1090, Trator 1100, **CLARK:** Trator Michigan 75A, Trator Michigan II / III, **EATON:** Pá carregadeira 250A, Pá carregadeira 1900, **FIAT-ALLIS:** Retro-escavadeira FB80.2, **FORD:** Cargo 1113 / 1313, F2000, F4000, F7000, F11000, F12000, F13000, F19000, F21000, F22000, com motores Perkins e MWM - Eixo grosso, **MASSEY FERGUSON:** Trator MF95I, Trator MF95X, **NEW HOLLAND:** Trator 4630 / 5030 / 5630 / 6630 / 7630 / 7830, **VOLKSWAGEN:** 690, 690 S, 790 S, 7110 S, 11130, 11140, 12140 H, 13130, 14140, 22140

BOSCH Equivalente / Replace

KT-0003-00 STD
KT-0003-02 2X
KT-0003-03 3X

Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0003-02 (A=28,285 x B=11,00 x C=32,260)
1 BC1-0009-02 (A=12,42 x B=11,40 x C=16,555)
1 BC1-0003-03 (A=28,155 x B=11,00 x C=32,260)
1 BC1-0009-03 (A=12,299 x B=11,40 x C=16,555)

Aplicação / Application: **VOLKSWAGEN:** Gol Bolinha MI, Parati Mi, Fox 1.0/1.6, Polo 1.6 após 05, Saveiro V 1.6 Total Flex, SpaceCross 1.6 Total Flex, SpaceFox 1.6 Total Flex, Voyage 1.0/1.6 Flex **(BOSCH: DA)**

BOSCH / ROHER Equivalente / Replace

KT-0004-00 STD
KT-0004-02 2X
KT-0004-03 3X

Composição / *Composition:*
1 BC1-0016-00 (A=12,522 x B=18 x C=16,536)
1 BC1-0024-00 (A=15,748 x B=9,9 x C=19,544)
1 BC1-0025-00 (A=19,101 x B=9,9 x C=23,090)
1 BC1-0016-02 (A=12,39 x B=18 x C=16,536)
1 BC1-0024-02 (A=15,621 x B=9,9 x C=19,544)
1 BC1-0025-02 (A=18,974 x B=9,9 x C=23,090)
1 BC1-0016-03 (A=12,26 x B=18 x C=16,536)
1 BC1-0024-03 (A=15,494 x B=9,9 x C=19,544)
1 BC1-0025-03 (A=18,847 x B=9,9 x C=23,090)

Aplicação / Application: **AGRALE, CBT, MAXION:** S4 / S4T c/ motor, MWM D-229/3 após 09/94, **FORD:** Série F e Cargo, **MERCEDES BENZ:** OM352, 314, 364, 364A, 366LA, 366C

BOSCH / DELCO Equivalente / Replace

KT-0005-00 STD
KT-0005-02 2X
KT-0005-03 3X

Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0028-00 (A=12,088 x B=13,90x C=14,107)
1 BC1-0009-02 (A=12,426 x B=11,40 x C=16,555)
1 BC1-0028-02 (A=11,963 x B=13,90x C=14,107)
1 BC1-0009-03 (A=12,299 x B=11,40 x C=16,555)
1 BC1-0028-03 (A=11,898 x B=13,90x C=14,107)

Aplicação / Application: **VOLKSWAGEN:** Fusca, Gol 1.3 1.5 e 1.6 até 12/93 (álcool e gasolina), Kombi 1.6 (álcool e gasolina) de 08/82 até 12/93, Brasília, 1.3 e 1.6 (BK e BN) de 10/74 até 12/81 e Passat, **FORD:** Corcel, Belina II e Del-Rey até 1982

BOSCH Equivalente / Replace

KT-0006-00 STD

Composição / *Composition:*
1 Bucha BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 Bucha BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 Bucha BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 Bucha BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)

Aplicação / Application: **VOLKSWAGEN:** Pólo 1.6 e 1.0 16v e Pólo Sedan após 2002 (ARA, BAH), Pólo 2.0 e Pólo Sedan 2.0 após 2002 (BBX), **VOLVO:** S80 2.8 T6, S80 2.9 (B 6284 T, B6304 S3)

MAGNETI MARELLI Equivalente / Replace

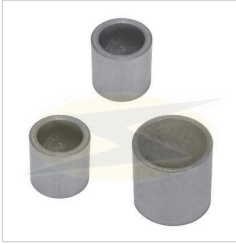
KT-0007-00 STD
KT-0007-02 2X
KT-0007-03 3X

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0052-00 (A=10,060 x B=14,00 x C=14,014)
1 BC1-0051-02 (A=9,933 x B=10,00 x C=14,014)
1 BC1-0052-02 (A=9,933 x B=14,00 x C=14,014)
1 BC1-0051-03 (A=9,806 x B=10,00 x C=14,014)
1 BC1-0052-03 (A=9,806 x B=14,00 x C=14,014)

Aplicação / Application: **FIAT:** Palio, Siena e Palio Weekend com motor 1.6 16v, Tipo

DELCO Equivalente / Replace

KT-0008-00 STD
KT-0008-02 2X
KT-0008-03 3X



Composição / *Composition:*
2 BC1-0011-00 (A=14,428 x B=19,10 x C=19,165)
1 BC1-0033-00 (A=22,615 x B=25 x C=25,735)
2 BC1-0011-02 (A=14,301 x B=19,10 x C=19,165)
1 BC1-0033-02 (A=22,488 x B=25 x C=25,735)
2 BC1-0011-03 (A=14,200 x B=19,10 x C=19,165)
1 BC1-0033-03 (A=22,361 x B=25 x C=25,735)

Aplicação / Application: **FORD:** com motor Cummins série C61, 12 e 24V, Cummins 6CTAA 8.3 litros, **MERCEDS BENZ e VOLKSWAGEN** com motor Cummins 6CTAA 8.3 litros e **VOLKSWAGEN** Titan Tractor **(DELCO 37MT)**

BOSCH Equivalente / Replace

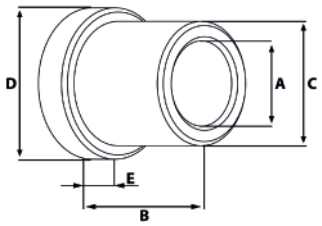
KT-0009-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,155)
1 BC1-0061-00 (A=12,070 x B=14,90 x C=15,100 x D=19,90 x E=1,4)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,70 x E=1,5)

Aplicação / Application: **MERCEDES BENZ:** Sprinter 310D, 312D, 412D (OM014 LA e OM014 A), **FORD:** F250, **FIAT:** Ducato **(BOSCH: EV)**

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



PRESTOLITE Equivalente / Replace

KT-0010-00 STD
KT-0010-02 2X

Composição / *Composition:*
1 Bucha BC1-0053-00 (A=11,215 x B=13,5 x C=14,325)
1 Bucha BC1-0055-00 (A=8,00 x B=10,8 x C=10,99)
1 Bucha BC1-0059-00 (A=14,100 x B=12,5 x C=18,100)
1 Bucha BC1-0063-00 (A=18,015 x B=8 x C=22,115)
1 Bucha BC1-0053-02 (A=11,088 x B=13,5 x C=14,325)
1 Bucha BC1-0055-02 (A=7,880 x B=10,8 x C=10,99)
1 Bucha BC1-0059-02 (A=13,973 x B=12,5 x C=18,100)
1 Bucha BC1-0063-02 (A=17,880 x B=8 x C=22,115)

Aplicação / Application: **JOHN DEERE, AGRALE, VOLKSWAGEN, FORD:** F1000, F350, F4000

PRESTOLITE Equivalente / Replace

KT-0011-00 STD
KT-0011-02 2X

Composição / *Composition:*
1 BC1-0053-00 (A=11,215 x B=13,50 x C=14,325)
1 BC1-0054-00 (A=12,080 x B=12,00 x C=15,125)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0053-02 (A=11,088 x B=13,50 x C=14,325)
1 BC1-0054-02 (A=11,955 x B=12,00 x C=15,125)
1 BC1-0055-02 (A=7,880 x B=10,80 x C=10,99)
1 BC1-0063-02 (A=17,880 x B=8,00 x C=22,115)

Aplicação / Application: **MERCEDES-BENZ:** Sprinter, **CHEVROLET-GM:** Silverado, **FORD:** Ranger

BOSCH Equivalente / Replace

KT-0012-00 STD
KT-0012-02 2X
KT-0012-03 3X

Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0020-00 (A=12,063 x B=14,30 x C=14,213)
1 BC1-0009-02 (A=12,426 x B=11,40 x C=16,555)
1 BC1-0020-02 (A=11,938x B=14,30 x C=14,213)
1 BC1-0009-03 (A=12,299 x B=11,40 x C=16,555)
1 BC1-0020-03 (A=11,813 x B=14,30 x C=14,213)

Aplicação / Application: **FIAT:** Uno Mille, Fiorino, Elba e Prêmio 1.3 e 1.5, 147, 147 Europa, Oggi, Panorama, Pick-Up, Rally, Spazio, Spazio Racing, **FORD:** Corcel, Del-Rey e Belina

BOSCH / WAPSA Equivalente / Replace

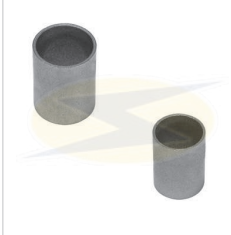
KT-0013-00 STD
KT-0013-02 2X
KT-0013-03 3X

Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0018-00 (A=11,048 x B=13,90 x C=13,585)
1 BC1-0009-02 (A=12,426 x B=11,40 x C=16,555)
1 BC1-0018-02 (A=10,921 x B=13,90 x C=13,585)
1 BC1-0009-03 (A=12,299 x B=11,40 x C=16,555)
1 BC1-0018-03 (A=10,794 x B=13,90 x C=13,585)

Aplicação / Application: **VOLKSWAGEN:** Sedan 1300 1500 e 1600 4p, Kombi, Karmann Guia, Variant, TL, TC, Brasília e SP-2 após 1967, **FORD:** Maverick 6cc, Jeep, Rural e F75 - Willys motor 6cc

DELCO Equivalente / Replace

KT-0014-00 STD
KT-0014-02 2X
KT-0014-03 3X

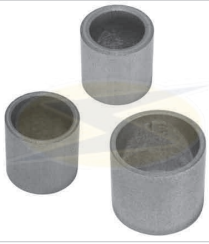


Composição / *Composition:*
1 BC1-0006-00 (A=14,303 x B=19,00 x C=15,945)
1 BC1-0008-00 (A=11,963 x B=18,00 x C=13,213)
1 BC1-0006-02 (A=14,175 x B=19,00 x C=15,945)
1 BC1-0008-02 (A=11,836 x B=18,00 x C=13,213)
1 BC1-0006-03 (A=14,052 x B=19,00 x C=15,945)
1 BC1-0008-03 (A=11,709 x B=18,00 x C=13,213)

Aplicação / Application: **CHEVROLET-GM:** Opala e Caravan 4 e 6cc, C10 6cc

DELCO Equivalente / Replace

KT-0015-00 STD
KT-0015-02 2X



Composição / *Composition:*
1 BC1-0011-00 (A=14,428 x B=19,10 x C=19,165)
1 BC1-0012-00 (A=16,002 x B=19,10 x C=19,165)
1 BC1-0013-00 (A=21,325 x B=22,40 x C=24,445)
1 BC1-0011-02 (A=14,301 x B=19,10 x C=19,165)
1 BC1-0012-02 (A=15,820 x B=19,10 x C=19,165)
1 BC1-0013-02 (A=21,198 x B=22,40 x C=24,445)

Aplicação / Application: **FORD:** Caminhões c/ Cummins S C 61, 12 e 24V, **MERCEDES BENZ:** Motores série BR-400 12 e 24V, **VOLKSWAGEN:** Caminhões com motor Cummins série C 12 e 24V

MOTORCRAFT Equivalente / Replace

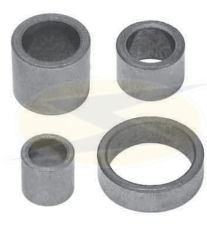
KT-0016-00 STD

Composição / *Composition:*
1 BC1-0038-00 (A=12,095 x B=5,40 x C=15,595)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
2 BC1-0072-00 (A=7,040 x B=7,00 x C=12,020)

Aplicação / Application: **FORD:** Escort 1.8 16V com motor Zetec, Fiesta, Focus, Ka, Mondeo e Ranger, Ka e Fiesta com motor 1.3 Endura a gasolina

BOSCH Equivalente / Replace

KT-0017-00 STD



Composição / *Composition:*
1 BC1-0019-00 (A=12,063 x B=14,10 x C=16,133)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)

Aplicação / Application: **ALFA ROMEO:** 164 2.0 / 3.0, Spider 3.0, **AUDI:** 80 1.8 / 2.0, A4 1.8, A6 2.0, **CHEVROLET - GM:** Vectra 2.0, Zafira 2.0i, Omega 2.2 / 3.0, Vectra, Corsa, **OPEL:** Astra 2.0i, Calibra 2.0i, **VOLKSWAGEN:** Gol II 2.0 Mi, Gol III 1.6 / 1.8 / 2.0 Mi, Gol GTI, Parati II 2.0i, Passat 1.8 Variant

LUCAS Equivalente / Replace

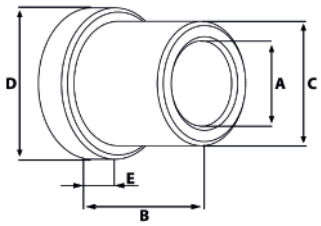
KT-0018-00 STD
KT-0018-02 2X

Composição / *Composition:*
1 BC1-0046-00 (A=15,063 x B=18,90 x C=18,135)
1 BC1-0047-00 (A=15,063 x B=17,5 x C=18,135)
1 BC1-0046-02 (A=14,940 x B=18,90 x C=18,135)
1 BC1-0047-02 (A=14,940 x B=17,5 x C=18,135)

Aplicação / Application: **FORD:** F-1000, F-4000 MWM 4cc, D-20, Traffic, **JOHN DEERE:** Trator 6300, 6600, 7500 (1996->), **SLC:** Colheitadeiras

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH Equivalente / Replace

Composição / *Composition:*
1 BC1-0026-00 (A=22,128 x B=11,2 x C=28,088)
1 BC1-0027-00 (A=40,093 x B=10,4 x C=48,056)
1 BC1-0026-02 (A=22,001 x B=11,2 x C=28,088)
1 BC1-0027-02 (A=39,966 x B=10,4 x C=48,056)
1 BC1-0026-03 (A=21,874 x B=11,2 x C=28,088)
1 BC1-0027-03 (A=39,839 x B=10,4 x C=48,056)

KT-0019-00 STD
KT-0019-02 2X
KT-0019-03 3X

Aplicação / Application: **MERCEDES BENZ, FIAT:** Caminhões, **SCANIA:** Séries F, K, L, N, S, BN

BOSCH Equivalente / Replace

Composição / *Composition:*
2 BC1-0016-00 (A=12,522 x B=18 x C=16,536)
1 BC1-0017-00 (A=19,113 x B=12,9 x C=25,125)
2 BC1-0016-02 (A=12,395 x B=18 x C=16,536)
1 BC1-0017-02 (A=18,911 x B=12,9 x C=25,125)
2 BC1-0016-03 (A=12,268 x B=18 x C=16,536)
1 BC1-0017-03 (A=18,834 x B=12,9 x C=25,125)

KT-0020-00 STD
KT-0020-02 2X
KT-0020-03 3X

Aplicação / Application: **AGRALE, MERCEDES BENZ, TOYOTA** com motores OM352 **(BOSCH: JD)**

BOSCH Equivalente / Replace

Composição / *Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0037-00 (A=10,148 x B=10,00 x C=14,055)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 BC1-0028-02 (A=11,963 x B=13,90 x C=14,107)
1 BC1-0037-02 (A=9,943 x B=10,00 x C=14,055)
1 BC1-0045-02 (A=17,885 x B=6,50 x C=22,115)
1 BC1-0055-02 (A=7,880 x B=10,80 x C=10,99)

KT-0021-00 STD
KT-0021-02 2X

Aplicação / Application: **VOLKSWAGEN:** Gol GII (Bola), Santana, Parati, Saveiro, BMW: 530i 3.0 (1992-1995), 530i Touring 3.0 (1992-1996), 535i 3.5 (1996-2003), 540i 4.0 (1992-1995), 540i 4.4 (1996-2003), 540i 4.0 Touring (1993-1996), 540i Touring 4.4 (1997-2004), 730i/iL 3.0 (1991-1996), 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003)

BOSCH Equivalente / Replace

Composição / *Composition:*
1 BC1-0002-00 (A=12,548 x B=10,00 x C=16,555)
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0002-02 (A=12,426 x B=10,00 x C=16,555)
1 BC1-0028-02 (A=11,963 x B=13,90 x C=14,107)
1 BC1-0002-03 (A=12,299 x B=10,00 x C=16,555)
1 BC1-0028-03 (A=11,898 x B=13,90 x C=14,107)

KT-0022-00 STD
KT-0022-02 2X
KT-0022-03 3X

Aplicação / Application: **CHEVROLET-GM:** Omega 2.2 e 3.0, Corsa 1.0 e 1.4, Vectra 2.0 e 2.2 Powertech

LUCAS / INDIEL Equivalente / Replace

Composição / *Composition:*
2 BC1-0049-00 (A=12,088 x B=17,00 x C=15,095
2 BC1-0049-02 (A=11,890 x B=17,00 x C=15,095

KT-0023-00 STD
KT-0023-02 2X

Aplicação / Application: **CHEVROLET-GM:** C 10 Custom Deluxe / Silverado, **FORD:** F350, F600, Fairlane Motores / Pick Up F 100 6 E 8 Cil. (1969/77) / Falcon / Ranchero 3.0 (71/77), F 350-600-700 (Desde 1977), **FIAT:** Spazio

BOSCH / DELCO Equivalente / Replace

Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0019-00 (A=12,063 x B=14,10 x C=16,133)
1 BC1-0009-02 (A=12,426 x B=11,40 x C=16,555)
1 BC1-0019-02 (A=11,936 x B=14,10 x C=16,133)
1 BC1-0009-03 (A=12,299 x B=11,40 x C=16,555)
1 BC1-0019-03 (A=11,809 x B=14,10 x C=16,133)

KT-0024-00 STD
KT-0024-02 2X
KT-0024-03 3X

Aplicação / Application: **CHEVROLET-GM:** Caravan 4cil, Chevete e Marajó (álcool e gasolina) até 01/81, Chevete 1.4 e Marajó 1.4 (álcool e gasolina) de 02/75 até 07/77

BOSCH Equivalente / Replace

Composição / *Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0028-02 (A=11,963 x B=13,90 x C=14,107)
1 BC1-0037-02 (A=9,943 x B=10,00 x C=14,055)

KT-0025-00 STD
KT-0025-02 2X

Aplicação / Application: **VOLKSWAGEN:** Gol bola MI1.6 (sem ar) e 1.8 (com ar), Santana, Parati, Saveiro

LUCAS Equivalente / Replace

Composição / *Composition:*
1 BC1-0040-00 (A=12,048 x B=12,10 x C=15,095)
1 BC1-0041-00 (A=11,138 x B=16,60 x C=14,315 x D=23,685 x E=3,0)

KT-0026-00 STD

Aplicação / Application: **VOLKSWAGEN:** Gol, Santana, Logus e Parati após 1992, **FORD:** Versalles e Pampa c/ motor AP após 1992, Escort com motor CHT após 94, Uno 1.6 após 94

GAREF Equivalente / Replace

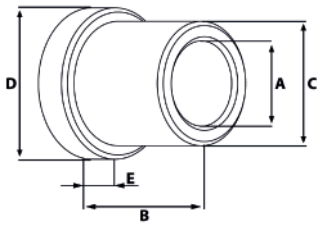
Composição / *Composition:*
1 BC1-0007-00 (A=11,653 x B=26,90 x C=13,530)
1 BC1-0048-00 (A=12,010 x B=16,50 x C=16,010)
1 BC1-0007-02 (A=11,540 x B=26,90 x C=13,530)
1 BC1-0048-02 (A=11,883 x B=16,50 x C=16,010)

KT-0027-00 STD
KT-0027-02 2X

Aplicação / Application: **FIAT:** Tipo 1.6 / 2.0, Uno, Fiorino

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



LUCAS **Equivalente /** Replace

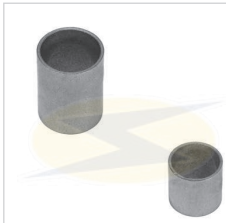
KT-0028-00 STD
KT-0028-02 2X

Composição /*Composition:*
1 BC1-0053-00 (A=11,215 x B=13,50 x C=14,325)
1 BC1-0054-00 (A=12,080 x B=12,00 x C=15,125)
1 BC1-0053-02 (A=11,088 x B=13,50 x C=14,325)
1 BC1-0054-02 (A=11,955 x B=12,00 x C=15,125)

Aplicação / Application: **VOLKSWAGEN:** Gol, Parati e Saveiro, **FORD:** Escort Hobby e Guarujá, **FIAT:** Uno 1.6

DELCO **Equivalente /** Replace

KT-0029-00 STD
KT-0029-02 2X
KT-0029-03 3X



Composição /*Composition:*
1 BC1-0006-00 (A=14,303 x B=19,00 x C=15,945)
1 BC1-0031-00 (A=11,963 x B=12,80 x C=13,213)
1 BC1-0006-02 (A=14,175 x B=19,00 x C=15,945)
1 BC1-0031-02 (A=11,836 x B=12,80 x C=13,213)
1 BC1-0006-03 (A=14,052 x B=19,00 x C=15,945)
1 BC1-0031-03 (A=11,709 x B=12,80 x C=13,213)

Aplicação / Application: **CHEVROLET-GM:** Opala e Caravan 4 e 6cc, C10 6cc (moderno)

LUCAS / WAPSA **Equivalente /** Replace

KT-0030-00 STD
KT-0030-02 2X

Composição /*Composition:*
1 BC1-0002-00 (A=12,548 x B=10,00 x C=16,555)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0002-02 (A=12,426 x B=10,00 x C=16,555)
1 BC1-0037-02 (A=9,943 x B=10,00 x C=14,055)

Aplicação / Application: **VOLKSWAGEN:** Logus, Pointer

WAPSA **Equivalente /** Replace

KT-0031-00 STD
KT-0031-02 2X
KT-0031-03 3X

Composição /*Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0029-00 (A=11,998 x B=11,20 x C=14,988)
1 BC1-0028-02 (A=11,963 x B=13,90 x C=14,107)
1 BC1-0029-02 (A=11,873 x B=11,20 x C=14,988)
1 BC1-0028-03 (A=11,898 x B=13,90 x C=14,107)
1 BC1-0029-03 (A=11,798 x B=11,20 x C=14,988)

Aplicação / Application: **VOLKSWAGEN:** Passat, Gol, Santana, **FORD:** Escort, Pampa

WAPSA **Equivalente /** Replace

KT-0032-00 STD
KT-0032-02 2X
KT-0032-03 3X

Composição /*Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0029-00 (A=11,998 x B=11,20 x C=14,988)
1 BC1-0030-00 (A=17,903 x B=14,30 x C=21,190)
1 BC1-0028-02 (A=11,963 x B=13,90 x C=14,107)
1 BC1-0029-02 (A=11,873 x B=11,20 x C=14,988)
1 BC1-0030-02 (A=17,781 x B=14,30 x C=21,190)
1 BC1-0028-03 (A=11,898 x B=13,90 x C=14,107)
1 BC1-0029-03 (A=11,798 x B=11,20 x C=14,988)
1 BC1-0030-03 (A=17,654 x B=14,30 x C=21,190)

Aplicação / Application: **VOLKSWAGEN:** Kombi Diesel e todos refrigerados a ar, Gol, Sedan 1300 e 1500, Kombi, Brasilia e Saveiro (gasolina e álcool) após 07/82.

WAPSA **Equivalente /** Replace

KT-0033-00 STD
KT-0033-02 2X
KT-0033-03 3X

Composição /*Composition:*
1 BC1-0004-00 (A=14,288 x B=18,30 x C=17,615)
1 BC1-0005-00 (A=15,952 x B=14,30 x C=19,139)
1 BC1-0004-02 (A=14,160 x B=18,30 x C=17,615)
1 BC1-0005-02 (A=15,824 x B=14,30 x C=19,139)
1 BC1-0004-03 (A=14,037 x B=18,30 x C=17,615)
1 BC1-0005-03 (A=15,702 x B=14,30 x C=19,139)

Aplicação / Application: **MASSEY FERGUSON:** Trator MF235 / MF250 / MF265 / MF295/4 6.358A / MF295 / MF296 6.354-4A / MF296/4 6.354-4A / MF296 / MF50X / MF55X / MF65X, Tratores 55, 55, 65RX, Trator MF 65R, 50, 55X, 65X até 1971

BOSCH **Equivalente /** Replace

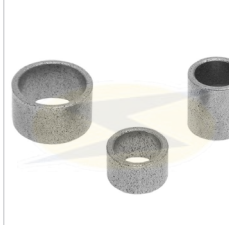
KT-0034-00 STD
KT-0034-02 2X

Composição /*Composition:*
1 BC1-0002-00 (A=12,548 x B=10,00 x C=16,555)
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 BC1-0002-02 (A=12,426 x B=10,00 x C=16,555)
1 BC1-0003-02 (A=28,285 x B=11,00 x C=32,260)
1 BC1-0045-02 (A=17,885 x B=6,50 x C=22,115)
1 BC1-0055-02 (A=7,880 x B=10,80 x C=10,99)

Aplicação / Application: **FORD:** Fiesta 1.0 / 1.3 / 1.4 GSG, TLB, JBC, J6B CVH14 / PTE, Escort

BOSCH **Equivalente /** Replace

KT-0035-00 STD
KT-0035-02 2X



Composição /*Composition:*
1 BC1-0002-00 (A=12,548 x B=10 x C=16,555)
1 BC1-0016-00 (A=12,522 x B=18 x C=16,536)
1 BC1-0043-00 (A=19,013 x B=12,9 C=23,025)
1 BC1-0002-02 (A=12,426 x B=10 x C=16,555)
1 BC1-0016-02 (A=12,395 x B=18 x C=16,536)
1 BC1-0043-02 (A=18,90 x B=12,9 C=23,025)

Aplicação / Application: **SCANIA:** Séries F, K, L, N, S, BN, CN **(BOSCH - JF)**

VALEO **Equivalente /** Replace

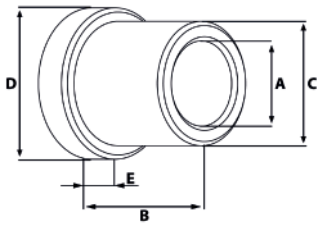
KT-0036-00 STD
KT-0036-02 2X

Composição /*Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0037-02 (A=9,943 x B=10,00 x C=14,055)
1 BC1-0039-02 (A=7,970 x B=8,00 x C=11,06)

Aplicação / Application: **FORD:** EcoSport 1.0 / 1.6 , Courier 1.0 / 1.6, Ka, Fiesta 1.0, 1.0 Supercharger e 1.6 Zetec Rocam, Novo Fiesta 1.0 e 1.6 Zetec Rocam, Escort 1.6 Zetec Rocam após 07/99

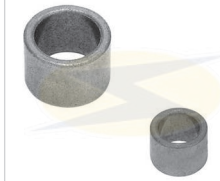
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH Equivalente / Replace

KT-0037-00 STD
KT-0037-02 2X



Composição /*Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0009-02 (A=12,426 x B=11,40 x C=16,555)
1 BC1-0039-02 (A=7,970 x B=8,00 x C=11,06)

Aplicação / Application: **FIAT:** Palio, Siena, Strada 1.0 e 1.4 8V Fire 178 (03/2000) **(BOSCH: DM)**

BOSCH Equivalente / Replace

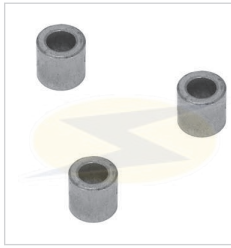
KT-0038-00 STD

Composição /*Composition:*
1 BC1-0019-00 (A=12,063 x B=14,10 x C=16,133)
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,70 x E=1,50)

Aplicação / Application: **MERCEDES BENZ:** MB180D (04/94→), Furgão, Sprinter. **(BOSCH: EV)**

LUCAS Equivalente / Replace

KT-0039-00 STD



Composição /*Composition:*
3 BC1-0080-00 (A=6,020 x B=10,00 x C=10,015)

Aplicação / Application: **PERKINS, MAXION, AGRALE:** 7500, 8000, 8500, 9200, Trator 5075, Trator 5075.4 / 5085 / 5085.4, **CHEVROLET-GM:** Blazer, D20 4.1, S10 2.5, Silverado 4.1, **DODGE:** D1000, **FORD:** F-250, F-350, Cargo 815 / 1217 / 1416 / 1417 / 1421 / 1617 / 1621 / 1716 / 1722, F7000, F12000, F14000, F16000, F100, F150, F250, F350, F1000 2.5, Ranger, Transit Diesel, B7000, **JOHN DEERE:** Colheitadeira 1165 / 1175 / 1450, Trator 7500, **LAND ROVER:** Defender 2.5, Discovery 2.5, **MASSEY FERGUSON:** Colheitadeira MF3640 / MF5650, Trator MF250X / MF297 / MF299 / MF640 / MF650 / MF660 / MF680 / MF5320, **MERCEDES-BENZ:** Sprinter 2.5, Ônibus, **NEW HOLLAND:** Trator TL65E / TL75E / TL85E /TL95E, **PEUGEOT:** 404 Diesel, 504 Diesel, 505 Diesel, **VOLKSWAGEN:** 710, 7100, 8120, 8150, 13150, 13180, 13190, 15180, 15190, 17210, 23210, Transporter T4 2.4 Diesel, B8150 OD, B9150, B16210, B17210 OD, B17240 OT

LUCAS Equivalente / Replace

KT-0040-00 STD

Composição /*Composition:*
4 BC1-0080-00 (A=6,020 x B=10,00 x C=10,015)

Aplicação / Application: **FORD:** F-250, F-350, **PERKINS, MAXION**

BOSCH Equivalente / Replace

KT-0041-00 STD

Composição /*Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 Retentor para bucha BC1-0003

Aplicação / Application: **VOLKSWAGEN:** Gol, Parati, Santana, Logus 1.8 e 2.0, Pointer, Golf GTI 2.0, **FORD:** Fiesta 1.4, Escort 1.6

BOSCH Equivalente / Replace

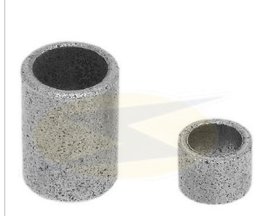
KT-0042-00 STD
KT-0042-02 2X

Composição /*Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 Retentor para bucha BC1-0003
1 BC1-0003-02 (A=28,285 x B=11,00 x C=32,260)
1 BC1-0009-02 (A=12,426 x B=11,40 x C=16,555)
1 Retentor para bucha BC1-0003

Aplicação / Application: **VOLKSWAGEN:** Apollo, Beetle (New) 2.0, Golf, Passat, Brasilia, Karmann Ghia, Kombi, Variant, Parati, Santana, Saveiro, Voyage, Fox, Gol, Pólo, Fusca, Quantum, Logus

ARNO Equivalente / Replace

KT-0043-00 STD



Composição /*Composition:*
1 BC1-0098-00 (A=6,310 x B=6,40 x C=9,01)
1 BC1-0099-00 (A=8,70 x B=15,90 x C=11,60)

Aplicação / Application: **CHEVROLET-GM:** D-20, Monza, Opala (Limpador para brisas)

BOSCH Equivalente / Replace

KT-0044-00 STD

Composição /*Composition:*
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0088-00 (A=12,040 x B=9,40 x C=16,010)
1 BC1-0093-00 (A=8,10 x B=10,30 x C=11,060)
1 BC1-0094-00 (A=10,015 x B=10,0 x C=14,014)

Aplicação / Application: **TOYOTA:** Hilux 3.0 16V D´05 R78-M55 12V

BOSCH Equivalente / Replace

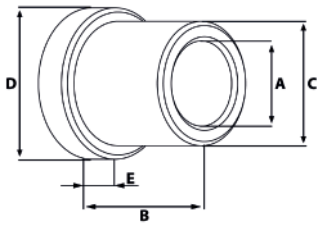
KT-0045-00 STD

Composição /*Composition:*
1 BC1-0016-00 (A=12,522 x B=18,00 x C=16,536)
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0095-00 (A=21,045 x B=11,80 x C=25,025)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)

Aplicação / Application: **JOHN DEERE:** Trator 5090M, Tratores diversos, **MERCEDES-BENZ:** Atego, Axor, O500R (Série 9t 914 C/LO OM904LA - após 10/98, 915 OM915 A - após 02/98, Série 7t - 712C OM904 LA - Após 10/98, Série 12t - 1215 C OM904 LA - após 05/99, L1218 OM904 LA - após 07/01)

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*

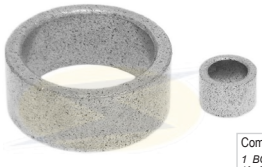


VALEO Equivalente / Replace — KT-0046-00 STD

Composição /*Composition:*
1 BC1-0029-00 (A=11,998 x B=11,20 x C=14,988)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,60 x E=1,90)

Aplicação / Application: **RENAULT:** Clio 1.8, R9 1.7, Laguna, Mégane, Scénic, R21, Super 5, Trafic 1.7, **CHEVROLET - GM:** Corsa Efi 1.0 / Mpfi 1.0, **CITROEN:** Ax, Bx, Xsara, Xm, Berlingo, C15, Saxo, ZX, **PEUGEOT:** 106, 205, 206, 207, 306, 309, 405, 605 3.0i V6, Partner

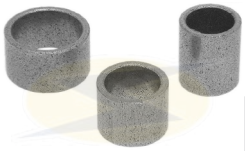
VALEO Equivalente / Replace — KT-0047-00 STD



Composição /*Composition:*
1 BC1-0105-00 (A=8,020 x B=7,90 x C=11,800)
1 BC1-0106-00 (A=26,020 x B=13,70 x C=33,02)

Aplicação / Application: **VOLKSWAGEN:** Fox 1.0/1.6, Golf 2.0 8V 1996 a 1999, Golf GTI 1.8 20V DOHC 1998 a 1999, Golf GTI VR6, Golf MI 1.6 8V SOHC 1998 a 1999, Gol G5 1.0 / 1.6, Polo 1.0 / 1.6, Saveiro 1.0 / 1.6, SpaceFox 1.0 / 1.6, Voyage 1.0 / 1.6

ISKRA / BOSCH Equivalente / Replace — KT-0048-00 STD



Composição /*Composition:*
1 BC1-0043-00 (A=19,013 x B=12,90 x C=23,026)
1 BC1-0109-00 (A=12,820 x B=19,15 x C=16,51)
1 BC1-0110-00 (A=14,005 x B=13,90 x C=18,01)

Aplicação / Application: **NEW HOLLAND:** Série TM 135, TM 150, TM 160, **CASE:** MX, MXM, **VALTRA:** BM, BH

MOTORCRAFT Equivalente / Replace — KT-0049-00 STD

Composição /*Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0068-00 (A=19,030 x B=6,00 x C=22,300)
1 BC1-0100-00 (A=12,075 x B=9,90 x C=14,200)
1 Rolamento 608 ZZ

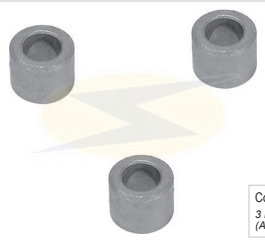
Aplicação / Application: **FORD:** Ka, Escort, F1000 (c/ motor Maxion), Fiesta, Focus, Maverick, Mondeo, Ranger (c/ motor Maxion), Transit

DELCO Equivalente / Replace — KT-0050-00 STD

Composição /*Composition:*
1 BC1-0087-00 (A=22,115 x B=8,90 x C=28,075)
1 BC1-0096-00 (A=8,10 x B=10,40 x C=11,97)
1 BC1-0097-00 (A=12,010 x B=9,50 x C=16,010)
1 Rolamento 608 ZZ

Aplicação / Application: **CHEVROLET - GM:** Astra, Vectra, Zafira, Meriva, Corsa, S10 e Blazer motores SOHC 1.8 8v/6v, 2.0/2.2/2.4 8v, DOHC 2.0/2.2 16v **FIAT:** Stilo, 1.8 8v/16v, Palio e Siena 1.8 8v

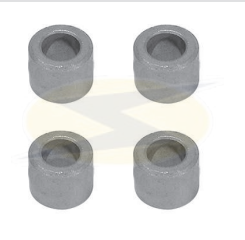
BOSCH Equivalente / Replace — KT-0051-00 STD



Composição /*Composition:*
3 BC1-0114-00 (A=6,105 x B=8,00 x C=10,150)

Aplicação / Application: **BOSCH DW**

MOTORCRAFT Equivalente / Replace — KT-0052-00 STD



Composição /*Composition:*
4 BC1-0114-00 (A=6,105 x B=8,00 x C=10,150)

Aplicação / Application: **MOTORCRAFT, FORD:** Ranger Diesel, Fiesta, Ka, Focus e Mondeo - Kit Bucha Planetária **(sub-rolete engrenagens)**

DELCO / REMY Equivalente / Replace — KT-0053-00

Composição /*Composition:*
1 BC1-0019-00 (A=12,063 x B=14,10 x C=16,133)
1 BC1-0070-00 (A=7,040 x B=12,60 x C=12,020)
1 BC1-0115-00 (A=22,260 x B=5,40 x C=26,910)
1 BC1-0116-00 (A=6,025 x B=11,50 x C=8,800 x D=10,70 x E=2,90)

Aplicação / Application: **CHEVROLET- GM:** Omega Gls (1995->1998), Omega Cd 6cc 4.1 Mpfi, Suprema Cd 6cc 4.1 Mpfi, Agile, Astra, Blazer 1.8 ltr 8 e 16v, 2.0 2.2 e 2.4 ltr 8v, 2.0 2.2 ltr 8 e 16v, Celta, Cobalt 1.0 / 1.4 / 1.6, Corsa / Pickup, Novo Corsa, Corsa Classic, Montana, Prisma, S10, Vectra - Ii(Sohc) 1.8 / 2.0/ 2.2 8v (03/2001->) / Ii(Dohc) 2.0 / 2.2 16v, Zafira, Meriva 1.8 ltr 8 / 16v, **FIAT:** Stilo SOHC 1.8 ltr 8 / 16v

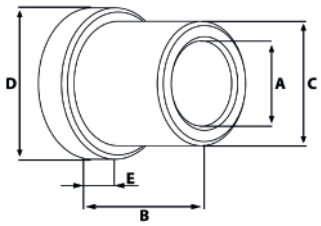
MITSUBISHI Equivalente / Replace — KT-0054-00 STD

Composição /*Composition:*
1 BC1-0056-00 (A=10,050 x B=13,8 x C=13,040)
1 BC1-0108-00 (A=10,015 x B=12,90 x C=15,095)
1 BC1-0117-00 (A=19,115 x B=9,40 x C=21,300)
1 BC1-0118-00 (A=10,015 x B=11,9 x C=13,1 D=16,60 x E=1,9)

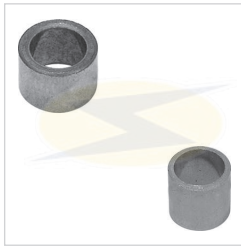
Aplicação / Application: **MITSUBISHI, YALE, HISTER E CLARK:** Empilhadeira (sem fuci-nho)

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



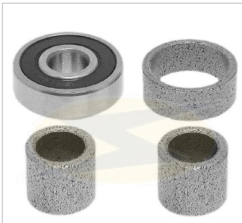
VALEO **Equivalente /** Replace — KT-0055-00 STD



Composição / *Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0119-00
(A=9,025 x B=10,90 x C=11,100)

Aplicação / Application: **CHEVROLET - GM:** Celta 1.0 1.4, Colsa Classic 1.0 8V, Corsa modelo novo 1.8 8V, Corsa modelo antigo GL 1.4 8V SOHC 1994 a 2001, Corsa GL WIND Gsi, Corsa JOY/MAXX e PREMIUM 1.0 1.4 1.8 8V

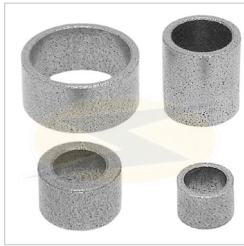
MITSUBISHI **Equivalente /** Replace — KT-0056-00 STD



Composição / *Composition:*
2 BC1-0111-00
(A=10,015 x B=12,90 x C=14,715)
1 BC1-0120-00
(A=17,815 x B=8,90 x C=22,415)
1 Rolamento 629 RS

Aplicação / Application: **MITSUBISHI:** L200, Pajero, **FORD:** Ranger, **DODGE:** Ram 50

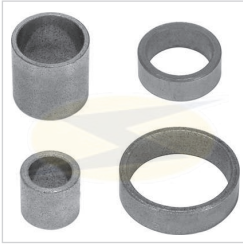
BOSCH **Equivalente /** Replace — KT-0057-00 STD



Composição / *Composition:*
1 BC1-0016-00
(A=12,522 x B=18 x C=16,536)
1 BC1-0039-00
(A=8,100 x B=8 x C=11,06)
1 BC1-0095-00
(A=21,045 x B=11,8 x C=25,025)
1 BC1-0107-00
(A=10,015 x B=9,9 x C=16,01)

Aplicação / Application: **IVECO:** EuroCargo 75 E12 / E13 / E14 / E15 / E17 / E18, EuroCargo 80 E15 / E17 / E18 / E21, EuroCargo 90 E17 / E18 / E21, EuroCargo 100 E17 / E18 / E21, EuroCargo 120 E17, EuroCargo 140 E18 / E24, EuroCargo 150 E24 / E28, EuroCargo 180 E21 / E24 / E28,**VOLVO:** Série B7R; Modelos B7R D7A, B7R D7B, B7R D7C apartir de 06/97

LUCAS INDIEL **Equivalente /** Replace — KT-0058-00 STD



Composição / *Composition:*
1 BC1-0028-00
(A=12,088 x B=13,90 x C=14,107)
1 BC1-0038-00
(A=12,095 x B=5,40 x C=15,595)
1 BC1-0068-00
(A=19,030 x B=6,00 x C=22,300)
1 BC1-0071-00
(A=8,02 x B=9,90 x C=11,06)

Aplicação / Application: **AUDI, VOLKSWAGEN:** Polo Classic, Pointer, **FORD:** Versailles

BOSCH **Equivalente /** Replace — KT-0059-00 STD

Composição / *Composition:*
1 BC1-0045-00
(A=18,015 x B=6,50 x C=22,115)
1 BC1-0053-00
(A=11,215 x B=13,50 x C=14,325)
1 BC1-0071-00
(A=8,02 x B=9,90 x C=11,06)
1 BC1-0107-00
(A=10,015 x B=9,90 x C=16,01)

Aplicação / Application: **FORD:** F250, F350

VALEO **Equivalente /** Replace — KT-0060-00 STD

Composição / *Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0071-00
(A=8,02 x B=9,90 x C=11,06)

Aplicação / Application: **FORD:** Fiesta, Ka, Courrier, **CHEVROLET-GM:** Meriva 1.8, Astra 1.8, Celta 1.0 / 1.4, Corsa 1.0 / 1.4 / 1.6 / 1.8, **FIAT:** Uno, Mobi, Argo

WAPSA **Equivalente /** Replace — KT-0061-00 STD

Composição / *Composition:*
1 BC1-0022-00
(A=18,830 x B=19 x C=22,788)
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0036-00
(A=18,968 x B=14,3 x C=22,27)

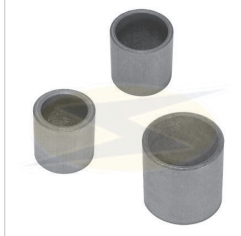
Aplicação / Application: **HYSTER / YALE:** Empilhadeira

LUCAS INDIEL **Equivalente /** Replace — KT-0062-00 STD

Composição / *Composition:*
1 BC1-0036-00
(A=18,968 x B=14,3 x C=22,27)
1 BC1-0046-00
(A=15,063 x B=18,90 x C=18,135)
1 BC1-0047-00
(A=15,063 x B=17,5 x C=18,135)

Aplicação / Application: **JOHN DEERE:** Tratores

DELCO **Equivalente /** Replace — KT-0063-00 STD

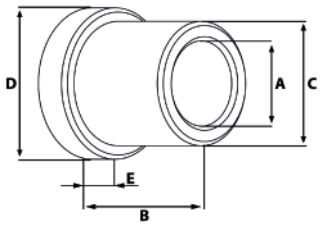


Composição / *Composition:*
1 BC1-0011-00
(A=14,428 x B=19,10 x C=19,165)
1 BC1-0012-00
(A=16,002 x B=19,10 x C=19,165)
1 BC1-0033-00
(A=22,615 x B=25,00 x C=25,735)

Aplicação / Application: **AGCO MASSEYFERGUSON:** Trator 2360 Cummins, **CATTERPILAR:** Colheitadeira / Combine Mt875. **(DELCO 41MT)**

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH Equivalente / Replace — KT-0064-00 STD

Composição / *Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)

Aplicação / Application: **AUDI:** A6, A8

LUCAS / INDIEL Equivalente / Replace — KT-0065-00 STD

Composição / *Composition:*
1 BC1-0020-00 (A=12,063 x B=14,30 x C=14,213)
1 BC1-0038-00 (A=12,095 x B=5,40 x C=15,595)
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)

Aplicação / Application: **VOLKSWAGEN:** Pointer, Polo, Orion

BOSCH Equivalente / Replace — KT-0066-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0048-00 (A=12,010 x B=16,50 x C=16,010)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)

Aplicação / Application: **FORD:** F1000 HSD

BOSCH Equivalente / Replace — KT-0067-00 STD

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0093-00 (A=8,10 x B=10,30 x C=11,060)
1 BC1-0101-00 (A=11,930 x B=9,90 x C=16,035)

Aplicação / Application: **MITSUBISHI:** L200, **TOYOTA:** Hilux 3.0

VALEO Equivalente / Replace — KT-0068-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0051-00 (A=10,060 x B=10,0 x C=14,014)

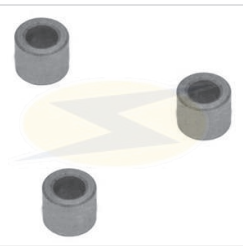
Aplicação / Application: **RENAULT, FORD:** Courier 1.0 / 1.6, EcoSport 1.0 / 1.6 / Supercharger (c/ motor Zetec RoCam), Escort 1.6, Fiesta 1.0 / 1.6 / Supercharger, Focus 1.0, Ka 1.0 / 1.6

BOSCH Equivalente / Replace — KT-0069-00 STD

Composição / *Composition:*
3 BC1-0096-00 (A=8,10 x B=10,40 x C=11,97)

Aplicação / Application: **NEW HOLLAND** (moderno com redução/ sub-rolete engrenagens)

DELCO Equivalente / Replace — KT-0070-00 STD



Composição / *Composition:*
3 BC1-0075-00 (A=6,020 x B=8,30 x C=10,015)

Aplicação / Application: **CHEVROLET-GM:** Agile (2009-2015), Celta (2000-2015), Cobalt (2011-2013), Corsa Classic (2003-2015), Corsa (1994-2014), Montana (2007-2013), Pick-up Corsa (1995-2002), Prisma (2006-2014), Astra, Blazer, Omega, S-10, Zafira, **LAND ROVER:** Discovery 3 2.7 (2012), Range Rover Diesel, **FIAT:** Uno Vivace (2017), Argo (2017), Mobi, **BMW:** 116, 118, 120, 125, 130, 135, 316, 318, 320, 323, 325, 330, 335, 520, 523, 525, 530, 535, 630, 730, 740, X1, X3, X5, X6, Z4.

BOSCH Equivalente / Replace — KT-0071-00 STD

Composição / *Composition:*
1 BC1-0092-00 (A=15,900 x B=18,90 x C=20,670)
1 Rolamento 6202-2RS C3
1 Rolamento Ag 28x22x16

Aplicação / Application: **AUDI:** A2 1.6 FSi (2002-2005), **SEAT:** Cordoba 1.2 (2002->), Cordoba 1.4 16V (2002->), Cordoba 1.6 (2003->), Ibiza 1.2 (2002->), Ibiza 1.4 16V (2004-2007), Ibiza 1.6 (2003->), **SKODA:** Fabia 1.2 (2001->), Fabia 1.2 Praktik (2003->), Fabia 1.4 16V (1999->), Fabia 1.4 Praktik (2004-2007), **VW:** Bora 1.6 (2002-2005), Fox 1.2 (2005-2010), Fox 1.4 (2005->), Lupo 1.6 GTi (2000-2005), New Beetle 1.4 (2001-2010), Polo 1.2 (2001->), Polo 1.4 (2001-2003), Polo 1.4 16V (2001->), Polo 1.4 FSi (2002->),Fox, Golf, **RENAULT:** Sandero, **KIT PARTIDA CUMMINS JE 12/24V**

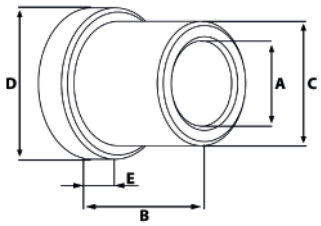
BOSCH Equivalente / Replace — KT-0072-00 STD

Composição / *Composition:*
1 BC1-0091-00 (A=21,920 x B=15,90 x C=28,050)
1 BC1-0092-00 (A=15,900 x B=18,90 x C=20,670)
1 Rolamento 6202 2RS C3

Aplicação / Application: **KIT PARTIDA CUMMINS JE, FORD:** Cargo C 4030, **MERCEDES-BENZS:** 1625 L / LS, 1630 LS, 1825 LG, 1935 LS, 1941 LS, 2325 L, 2325 LB / LK, 2635 L, O400 R / RS / RSD / RSL / UP / UPA, OH1625 L, OH1628 L, OH1635 L, OHL1624 G, OHL1628, OHL1630, OHL1635.

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



NIPPONDENSO Equivalente / Replace — KT-0073-00 STD

Composição / *Composition:*
1 Rolamento MR-0005 (6202 2RS C3)
2 Rolamentos MR-0006 (6005 2RS C3)
1 Rolamento MR-0007 (6202 2RS C3)

Aplicação / Application: **CATERPILLAR, CUMMNIS, CASE**

MITSUBISHI Equivalente / Replace — KT-0074-00 STD

Composição / *Composition:*
1 Rolamento MR-0006 (6005 2RS C3)
1 Rolamento MR-0008 (629 Z)
1 Rolamento MR-0009 (629 2RS C3)
1 Rolamento MR-0010 (6002 RS)

Aplicação / Application: **TOYOTA, MITSUBISHI:** L200, L300, Pajero, **FORD:** Ranger

MANDO Equivalente / Replace — KT-0075-00 STD

Composição / *Composition:*
1 Rolamento MR-0008 (629 Z)
1 Rolamento MR-0009 (629 2RS C3)
1 Rolamento MR-0010 (6002 RS)

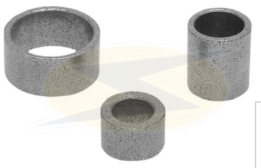
Aplicação / Application: **MITSUBISHI:** L200, Empilhadeira / Forklift, **KIA:** Besta

NIPPONDENSO Equivalente / Replace — KT-0076-00 STD

Composição / *Composition:*
2 Rolamentos MR-0006 (6005 2RS C3)
1 Rolamento MR-0011 (608 2RS)
1 Rolamento MR-0012 (6004 2RS C3)

Aplicação / Application: **KIA:** Besta 2.2

BOSCH Equivalente / Replace — KT-0077-00 STD



Composição / *Composition:*
1 BC1-0016-00 (A=12,522 x B=18 x C=16,536)
1 BC1-0095-00 (A=21,045 x B=11,8 C=25,025)
1 BC1-0107-00 (A=10,015 x B=9,9 x C=16,01)

Aplicação / Application: **VOLVO:** B7, 0-500 Spain

BOSCH Equivalente / Replace — KT-0078-00 STD

Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)

Aplicação / Application: **FORD:** Escort e Verona (Eq. Primário e Eq. Comercial) e com motor AP anos 93/94, **VOLKSWAGEN:** Logus, Pointer e Pólo Classic ate 01/00 (Eq. Primário e Eq. Comercial)

BOSCH Equivalente / Replace — KT-0079-00 STD / KT-0079-02 2X

Composição / *Composition:*
1 BC1-0019-00 (A=12,063 x B=14,10 x C=16,133)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0019-02 (A=11,936 x B=14,10 x C=16,133)
1 BC1-0037-02 (A=9,943 x B=10,00 x C=14,055)

Aplicação / Application: **AUDI:** A6, **CHEVROLET-GM:** Omega GLS 2.0 / 2.2 EFI, **VOLKSWAGEN:** Gol GTS 16V

BOSCH Equivalente / Replace — KT-0080-00 STD

Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0020-00 (A=12,063 x B=14,30 x C=14,213)
1 BC1-0086-00 (A=8,465 x B=11,00 x C=11,00)

Aplicação / Application: **FIAT:** Palio, Palio Weekend, Siena, Strada 1.0 E 1.4 Fire, **FORD:** Fiesta 1.0, 1.3, 1.4, **VOLKSWAGEN:** Fusca, Kombi 1.6 AAr. **(BOSCH: DM/EF)**

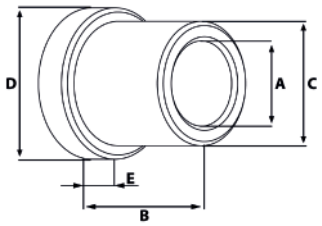
WAPSA Equivalente / Replace — KT-0081-00 STD / KT-0081-02 2X

Composição / *Composition:*
1 BC1-0020-00 (A=12,063 x B=14,30 x C=14,213)
1 BC1-0029-00 (A=11,998 x B=11,20 x C=14,988)
1 BC1-0030-00 (A=17,903 x B=14,30 x C=21,190)
1 BC1-0020-02 (A=11,938 x B=14,30 x C=14,213)
1 BC1-0029-02 (A=11,873 x B=11,20 x C=14,988)
1 BC1-0030-02 (A=17,781 x B=14,30 x C=21,190)

Aplicação / Application: **FIAT:** 147, Fiorino, Panorama, **CHEVROLET-GM:** Caravan, Chevette, Marajó, Monza, Opala

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH Equivalente / Replace

KT-0082-00 STD
KT-0082-02 2X

Composição / *Composition:*
1 BC1-0020-00
(A=12,063 x B=14,30 x C=14,213)
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0020-02
(A=11,938 x B=14,30 x C=14,213)
1 BC1-0037-02
(A=9,943 x B=10,00 x C=14,055)

Aplicação / Application: **BMW:** 316i, 318i, 320i, 323, 325i, 328, 525i, Z3, **FIAT:** Marea, Marea Weekend, **LAND ROVER:** Defender e Discovery, Range Rover

BOSCH Equivalente / Replace

KT-0083-00 STD

Composição / *Composition:*
1 BC1-0020-00
(A=12,063 x B=14,30 x C=14,213)
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0086-00
(A=8,465 x B=11,00 x C=11,00)

Aplicação / Application: **BMW, AUDI:** A3, A4, **FIAT:** Bravo, Doblo, Palio, Siena, Strada 1.6 16v Mpi, **FORD:** Escort, Courier, Fiesta 1.4 16v, **CHEVROLET-GM:** Corsa, Astra, **VOLKSWAGEN:** New Beatle, Golf Giii, Gol, Saveiro, Passat. **(BOSCH: DW)**

WAPSA Equivalente / Replace

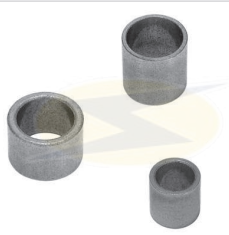
KT-0084-00 STD
KT-0084-02 2X
KT-0084-03 3X

Composição / *Composition:*
1 BC1-0005-00
(A=15,952 x B=14,30 x C=19,139)
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0005-02
(A=15,824 x B=14,30 x C=19,139)
1 BC1-0023-02
(A=14,160 x B=19 x C=17,988)
1 BC1-0005-03
(A=15,702 x B=14,30 x C=19,139)
1 BC1-0023-03
(A=14,025 x B=19 x C=17,988)

Aplicação / Application: **CBT:** Trator 1090 (→1971), **CLARK:** Michigan 75a, **EATON:** Pa Carregadeira 250a, Empilhadeiras / Forklift, **MAXION:** Trator Mf 95x (→1971), Muller

BOSCH Equivalente / Replace

KT-0085-00 STD



Composição / *Composition:*
1 BC1-0009-00
(A=12,548 x B=11,40 x C=16,555)
1 BC1-0028-00
(A=12,088 x B=13,90 x C=14,107)
1 BC1-0086-00
(A=8,465 x B=11,00 x C=11,00)

Aplicação / Application: **FORD:** Versailles 1.8 / 2.0 / 2.0i, **VOLKSWAGEN:** Gol, Voyage, Parati, Saveiro 1.8 (Alc. E Gas.) **(BOSCH: EF)**

LUCAS / INDIEL Equivalente / Replace

KT-0086-00 STD

Composição / *Composition:*
1 BC1-0038-00
(A=12,095 x B=5,40 x C=15,595)
1 BC1-0040-00
(A=12,048 x B=12,10 x C=15,095)
1 BC1-0045-00
(A=18,015 x B=6,50 x C=22,115)

Aplicação / Application: **FORD:** Escort 1.8 Zetec, Focus, Mondeo, Ranger, **CHEVROLET- GM:** Corsa Powertech 1.4 E 1.6, **VOLKSWAGEN:** Golf 1.8 Gasolina **(LUCAS INDIEL: M74R)**

LUCAS / INDIEL Equivalente / Replace

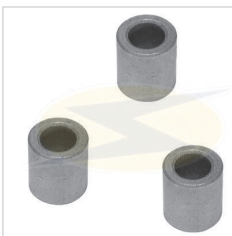
KT-0087-00 STD

Composição / *Composition:*
1 BC1-0059-00
(A=14,10 x B=12,50 x C=18,10)
1 BC1-0060-00
(A=14,00 x B=11,40 x C=20,02)
1 BC1-0063-00
(A=18,015 x B=8,00 x C=22,115)

Aplicação / Application: **FORD:** Pick-Up F100, F150 e F1000 c/ Motor Cummins B 4cc ou Maxion HS4, **CHEVROLET-GM:** Gran Blazer, D20, Silverado c/ motor MWM, **LAND ROVER:** Defender e Discovery c/ motores 2.5 Gemini III 4cil **(LUCAS / INDIEL M93R)**

PRESTOLITE Equivalente / Replace

KT-0088-00 STD



Composição / *Composition:*
3 BC1-0122-00
(A=8,020 x B=14,70 x C=13,040)

Aplicação / Application: **FORD:** Cargo, **VOLKSWAGEN:** Onibus Mwm 4 E 6 Cil. **(PRESTOLITE: M100R)**

BOSCH Equivalente / Replace

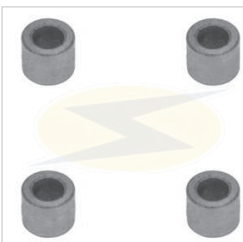
KT-0089-00 STD

Composição / *Composition:*
3 BC1-0073-00
(A=5,015 x B=8,50 x C=10,015)

Aplicação / Application: Kit Buchas Planetária **(Sub-Rolete Engrenagens) MERCEDES BENZ, RENAULT:** Clio, Megane Laguna 2.0, **FORD:** Ranger, Explorer, Mondeo, Mustang, Taurus, **(Bosch - Dw)**

BOSCH Equivalente / Replace

KT-0090-00 STD

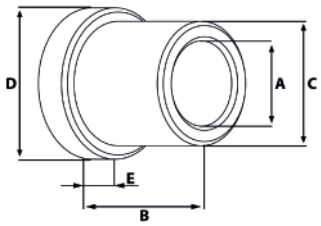


Composição / *Composition:*
4 BC1-0075-00
(A=6,020 x B=8,30 x C=10,015)

Aplicação / Application: **FIAT:** Ducato, **FORD:** F-250, 4 E 6 cc **(BOSCH: EV)**

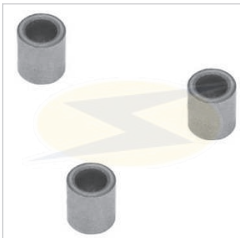
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



PRESTOLITE **Equivalente /** Replace

KT-0091-00 STD

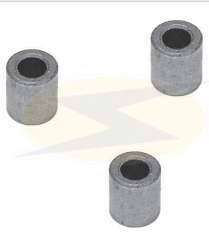


Composição / *Composition:*
3 BC1-0076-00
(A=6,020 x B=10,15 x C=9,020)

Aplicação / Application: **FORD:** Pick-Up F-100, F-150, F-1000, **CHEVROLET-GM:** Blazer, **IVECO, JOHN DEERE (PRESTO-LITE: M93R)**

BOSCH **Equivalente /** Replace

KT-0092-00 STD

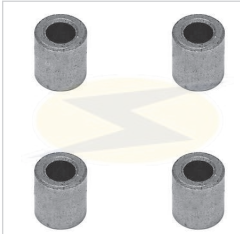


Composição / *Composition:*
3 BC1-0082-00
(A=5,060 x B=10,40 x C=9,00)

Aplicação / Application: Kit Buchas Plantárias **(Sub-Rolete Engranagens), MERCEDES-BENZ:** Sprinter, 310d, 312d, 412d (Om014 La E Om014a)

BOSCH **Equivalente /** Replace

KT-0093-00 STD

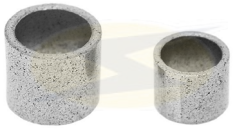


Composição / *Composition:*
4 BC1-0082-00
(A=5,060 x B=10,40 x C=9,00)

Aplicação / Application: Kit Buchas Plantárias **(Sub-Rolete Engranagens), MERCEDES-BENZ:** 180d (Om616)

WAPSA **Equivalente /** Replace

KT-0094-00 STD
KT-0094-02 2X



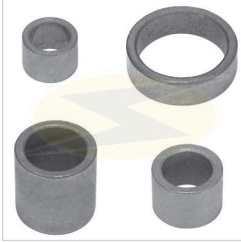
Composição / *Composition:*
1 BC1-0034-00
(A=14,875 x B=17 x C=18,909)
1 BC1-0040-00
(A=12,048 x B=12,10 x C=15,095)

1 BC1-0034-02
(A=14,748 x B=17 x C=18,909)
1 BC1-0040-02
(A=11,970 x B=12,10 x C=15,095)

Aplicação / Application: **CLARK:** Empilhadeira

BOSCH **Equivalente /** Replace

KT-0095-00 STD



Composição / *Composition:*
1 BC1-0039-00
(A=8,10 x B=8,00 x C=11,06)
1 BC1-0045-00
(A=18,015 x B=6,50 x C=22,115)
1 BC1-0048-00
(A=12,010 x B=16,50 x C=16,010)
1 BC1-0051-00
(A=10,060 x B=10,0 x C=14,014)

Aplicação / Application: **TOYOTA:** Hilux 2006

PRESTOLITE **Equivalente /** Replace

KT-0096-00 STD

Composição / *Composition:*
1 BC1-0053-00
(A=11,215 x B=13,50 x C=14,325)
1 BC1-0059-00
(A=14,10 x B=12,50 x C=18,10)
1 BC1-0063-00
(A=18,015 x B=8,0 x C=22,115)
1 BC1-0093-00
(A=8,10 x B=10,30 x C=11,060)

Aplicação / Application: **PEUGEOT, JOHN DEERE, M. FERGUSON, AGRALE** com Perkins, **AGCO:** Tratores, **FORD:** Cargo

BOSCH **Equivalente /** Replace

KT-0097-00 STD

Composição / *Composition:*
1 BC1-0051-00
(A=10,060 x B=10,0 x C=14,014)
1 BC1-0071-00
(A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00
(A=18,015 x B=5,70 x C=22,115)
1 BC1-0054-00
(A=12,080 x B=12,0 x C=15,125)

Aplicação / Application: **CHEVROLET:** Corsa, Astra, Calibra, Omega, Vectra

BOSCH **Equivalente /** Replace

KT-0098-00 STD

Composição / *Composition:*
1 BC1-0009-00
(A=12,548 x B=11,40 x C=16,555)
1 BC1-0054-00
(A=12,080 x B=12,0 x C=15,125)

Aplicação / Application: **VOLKSWAGEN:** Passat, Gol, Voyage, Parati

WAPSA **Equivalente /** Replace

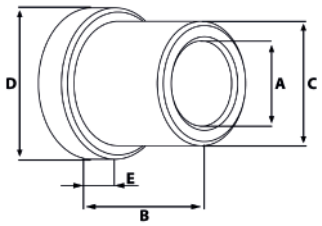
KT-0099-00 STD

Composição / *Composition:*
1 BC1-0041-00
(A=11,138 x B=16,60 x C=14,315 x D=23,685 x E=3,0)
1 BC1-0054-00
(A=12,080 x B=12,0 x C=15,125)

Aplicação / Application: **FORD:** Versailles, Apolo, Pampa

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH **Equivalente /** Replace — KT-0100-00 STD

Composição / *Composition:*
1 BC1-0126-00 (A=8,020 x B=7,50 x C=12,02)
1 BC1-0127-00 (A=9,040 x B=10,0 x C=13,04)

Aplicação / Application: **FIAT:** Novo Uno vivace, Palio fire1.4

WAPSA **Equivalente /** Replace — KT-0101-00 STD

Composição / *Composition:*
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,0 x D=13,60 x E=1,90)
1 Rolamento HK2816
1 AT-0001 10,1 X 7,2 X1,49
1 AE-0002 12,9X8,25X4,5

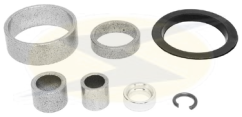
Aplicação / Application: **VOLKSWAGEN:** Santana, Gol, Parati ap 2000 com trava 11mm

BOSCH **Equivalente /** Replace — KT-0102-00 STD

Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 RT-0002
1 AT-0001 10,1 X 7,2 X1,49
1 AE-0002 12,9X8,25X4,5

Aplicação / Application: **VOLKSWAGEN:** Parati, Santana, Saveiro 1.8 MI com trava 11 mm e retentor

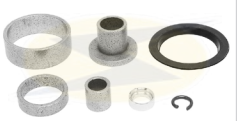
BOSCH **Equivalente /** Replace — KT-0103-00 STD



Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 RT-0002
1 AT-0001 10,1X7,2X1,49
1 AE-0002 12, 9X8,25X4,5

Aplicação / Application: **VOLKSWAGEN:** Gol GII, GIII, Parati 1.0 MI 16V, Polo, New Beetle, **AUDI:** A3 Com trava 11mm e retentor

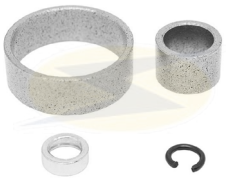
BOSCH **Equivalente /** Replace — KT-0104-00 STD



Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0041-00 (A=11,138 x B=16,60 x C=14,315 x D=23,685 x E=3,0)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 RT-0002
1 AT-0002 9,6X6,7X1,49
1 AE-0001 11,05X8,25X4,5

Aplicação / Application: **VOLKSWAGEN:** Gol GII / GIII 1.0 16V AP/AT Com trava 9mm e retentor

BOSCH **Equivalente /** Replace — KT-0105-00 STD



Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 AT-0002 9,6X6,7X1,49
1 AE-0001 11,05X8,25X4,5

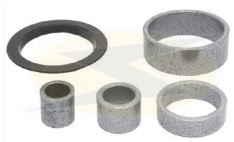
Aplicação / Application: **VOLKSVAGEN:** Gol mi, Parati mi com trava 9mm

VALEO **Equivalente /** Replace — KT-0106-00 STD

Composição / *Composition:*
1 BC1-0017-00 (A=19,113 x B=12,90 x C=25,125)
1 BC1-0146-00 (A=12,050 x B=6,00 x C=16,010)

Aplicação / Application: **HYUNDAI:** HB-20, Veloster, **KIA:** Soul

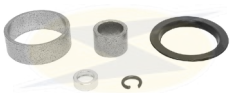
BOSCH **Equivalente /** Replace — KT-0107-00 STD



Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,990)
1 RT-0002

Aplicação / Application: **VOLKSWAGEN:** Pólo 1.6 / 1.0 16v / Sedan 2002→ (ARA, BAH), Pólo 2.0 / Sedan 2.0 2002 → (BBX), **VOLVO:** S80 2.8 T6 / 2.9 (B 6284 T, B6304 S3) Com Retentor

BOSCH **Equivalente /** Replace — KT-0108-00 STD

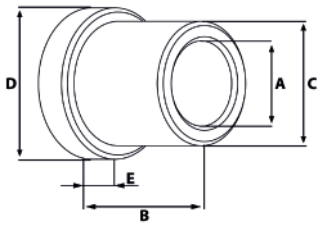


Composição / *Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 RT-0002
1 AT-0002 9,6X6,7X1,49
1 AE-0001 11,05X8,25X4,5

Aplicação / Application: **VOLKSWAGEN:** Gol bola MI, Parati Com trava 9mm e retentor

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*

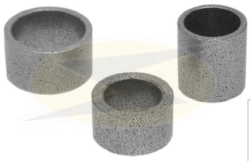


DELCO **Equivalente /** Replace — KT-0109-00 STD

Composição / *Composition:*
4 BC1-0096-00
(A=8,100 x B=10,4 x C=11,97)

Aplicação / Application: **MERCEDES-BENZ:** Moderno 24v 29mt, **VOLVO:** Moderno

ISKRA **Equivalente /** Replace — KT-0110-00 STD



Composição / *Composition:*
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0043-00
(A=19,013 x B=12,9 x C=23,026)
1 BC1-0060-00
(A=14,00 x B=11,4 x C=20,02)

Aplicação / Application: **VALMET:** BH 180

MITSUBISHI **Equivalente /** Replace — KT-0111-00 STD

Composição / *Composition:*
1 BC1-0051-00
(A=10,060 x B=10 x C=14,014)
1 BC1-0096-00
(A=8,100 x B=10,4 x C=11,97)
1 BC1-0118-00
(A=10,015 x B=11,9 x C=13,1 x D=16,60 x E=1,9)
1 BC1-0120-00
(A=17,815 x B=8,9 x C=22,415)

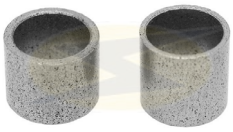
Aplicação / Application: **YALE / HISTER:** Empilhadeira (sem fucinho)

PRESTOLITE **Equivalente /** Replace — KT-0112-00 STD

Composição / *Composition:*
1 BC1-0028-00
(A=12,088 x B=13,90 x C=14,107)
1 BC1-0055-00
(A=8,00 x B=10,80 x C=10,99)
1 BC1-0074-00
(A=18,015 x B=5,70 x C=22,115)
1 BC1-0088-00
(A=12,040 x B=9,40 x C=16,010)

Aplicação / Application: **RENAULT, PEGEOUT, FORD:** Escort, Verona **M74R**

MITSUBISHI **Equivalente /** Replace — KT-0113-00 STD



Composição / *Composition:*
1 BC1-0028-00
(A=12,088 x B=13,90 x C=14,107)
1 BC1-0040-00
(A=12,048 x B=12,10 x C=15,095)

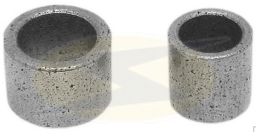
Aplicação / Application: **TOYOTA:** Corolla, Hilux, **MERCEDES-BENZ:** Sprinter

VALEO **Equivalente /** Replace — KT-0114-00 STD

Composição / *Composition:*
2 BC1-0051-02
(A=9,933 x B=10,0 x C=14,014)
1 BC1-0124-00
(A=20,01 x B=5 x C=25,05)
1 BC1-0125-00
(A=7,040 x B=8,0 x C=10,016)

Aplicação / Application: **HYUNDAI:** HR

VALEO **Equivalente /** Replace — KT-0115-00 STD



Composição / *Composition:*
1 BC1-0051-00
(A=10,060 x B=10,0 x C=14,014)
1 BC1-0055-00
(A=8,00 x B=10,80 x C=10,99)

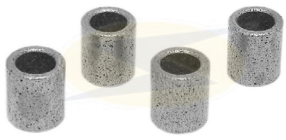
Aplicação / Application: **FORD:** Fiesta, Courier, Eco Esport, Focus, Ka

VALEO **Equivalente /** Replace — KT-0116-00 STD

Composição / *Composition:*
3 BC1-0126-00
(A=8,020 x B=7,5 x C=12,02)

Aplicação / Application: **VALTRA / VALMET MODERNO**

PRESTOLITE **Equivalente /** Replace — KT-0117-00 STD

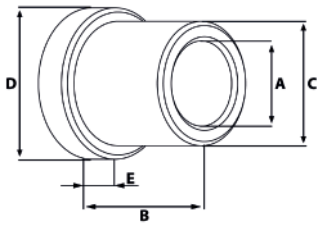


Composição / *Composition:*
4 BC1-0076-00
(A=6,020 x B=10,15 x C=9,020)

Aplicação / Application: **FORD:** F-250, F-350 **AGRALE, MBB, JOHN DEERE:** Motor MAXION (12 DENTES)

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*

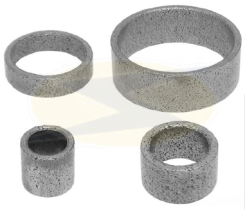


PRESTOLITE **Equivalente /** Replace — KT-0118-00 STD

Composição /*Composition:*
1 BC1-0020-00 (A=12,063 x B=14,3 x C=14,213)
1 BC1-0055-00 (A=8,00 x B=10,8 x C=10,99)
1 BC1-0074-00 (A=18,015 x B=5,7 x C=22,115)
1 BC1-0088-00 (A=12,040 x B=9,4 x C=16,010)

Aplicação / Application: **AGRALE:** 4100
M74R

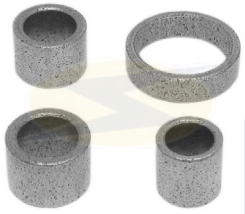
PRESTOLITE **Equivalente /** Replace — KT-0119-00 STD



Composição /*Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0097-00 (A=12,010 x B=9,50 x C=16,010)

Aplicação / Application: **VOLKSWAGEN:** Santana, Saveiro, Logus, Pointer, Kombi Diesel
PRESTOLITE M74R

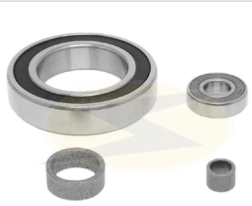
BOSCH **Equivalente /** Replace — KT-0120-00 STD



Composição /*Composition:*
2 BC1-0051-00 (A=10,060 x B=10,0 x C=14,014)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)

Aplicação / Application: **RENAULT**

ISKRA **Equivalente /** Replace — KT-0121-00 STD



Composição /*Composition:*
1 BC1-0039-00 (A=8,100 x B=8 x C=11,06)
1 BC1-0120-00 (A=17,815 x B=8,9 x C=22,415)
1 Rolamento 6001 2rs c3
1 Rolamento 6008 PPK

Aplicação / Application: **VOLKSWAGEN:** Cargo, Caminhão, Costelation Mwm, (com redução sem fucinho)

DELCO REMY **Equivalente /** Replace — KT-0122-00 STD

Composição /*Composition:*
1 Rolamento 6205 2rs
1 Rolamento 6301 rs c3
1 Rolamento HK 1612
1 Rolamento HK 3012

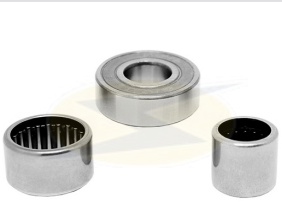
Aplicação / Application: **VOLKSWAGEN:** Cummins
38 MT

BOSCH **Equivalente /** Replace — KT-0123-00 STD

Composição /*Composition:*
1 Rolamento HK 0808
1 Rolamento HK 0910

Aplicação / Application: **FIAT:** Doblò 1.3 / 1.4, Fiorino Furgão 1.3, Grand Siena 1.4, Idea 1.4 Flex, Palio 1.0 / 1.3 / 1.4 / Fire 1.4, Palio Weekend 1.0 / 1.3 / 1.4, Punto 1.4 Flex, Siena 1.0/ 1.3 / 1.4, Strada 1.3 / 1.4, Uno 1.0 / 1.4 / Vivace

BOSCH **Equivalente /** Replace — KT-0124-00 STD



Composição /*Composition:*
1 Rolamento INA SCE 1012
1 Rolamento HK 2216
1 Rolamento 6202 RS c3

Aplicação / Application: **MBB** com motor Cummins

MITSUBISHI **Equivalente /** Replace — KT-0125-00 STD

Composição /*Composition:*
1 Rolamento 6301 2RS C3
1 Rolamento 6905 Z
1 Rolamento 62/28 RS
1 Rolamento HK 1210

Aplicação / Application: **MERCEDES-BENZ:** Axor

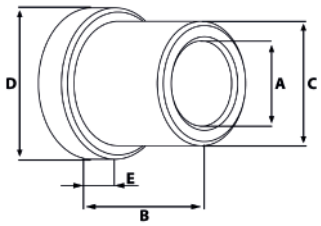
DELCO REMY **Equivalente /** Replace — KT-0126-00 STD

Composição /*Composition:*
1 Rolamento 6205 2RS
1 Rolamento 6301 RS C3
1 Rolamento HK 1512
1 Rolamento HK 3012

Aplicação / Application: **VOLKSWAGEM:** Cummins, **CATERPILAR**
REMY 39 MT

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



VALEO **Equivalente /** Replace

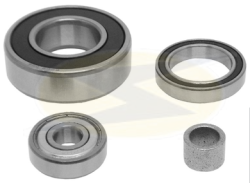
KT-0127-00 **STD**

Composição /*Composition:*
1 BC1-0124-00 (A=20,01 x B=5,00 x C=25,05)
1 BC1-0125-00 (A=7,040 x B=8,0 x C=10,015)
2 Rolamento HK-1010

Aplicação / Application: **HIUNDAY:** HR

MITSUBISHI **Equivalente /** Replace

KT-0128-00 **STD**

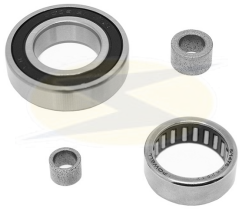


Composição /*Composition:*
1 BC1-0051-00 (A=10,060 x B=10,0 x C=14,014)
1 Rolamento 6805Z
1 Rolamento 629 Z
1 Rolamento 6205 2RS

Aplicação / Application: **VOLVO:** FH12 / 340, FH12 / 380, FH12 / 420, FH12 / 460, FH12 / 500, FM12 / 340, FM12 / 420 (moderno), **MBB:** Atego 1719, 1725, 1726, 1718, 1729, 1730, 2426, 2429, Atron 1319 2324 2729, O500 EURO 5

BOSCH **Equivalente /** Replace

KT-0129-00 **STD**



Composição /*Composition:*
1 BC1-0039-00 (A=8,100 x B=8 x C=11,06)
1 BC1-0107-00 (A=10,015 x B=9,9 x C=16,01)
1 Rolamento HK 2512
1 Rolamento 6006 RS

Aplicação / Application: **SCANIA:** Moderna (com redução) série 50001241022 (substitui rolete)

DELCO REMY **Equivalente /** Replace

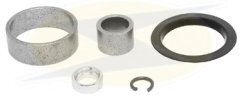
KT-0130-00 **STD**

Composição /*Composition:*
1 BC1-0032-00 (A=14,059 x B=15,9 x C=17,031)
1 Rolamento 6200 Z
1 Rolamento 6003 2RS C3
1 Rolamento 6005 2RS C3

Aplicação / Application: **MBB** com motor Cummins **28 MT**

BOSCH **Equivalente /** Replace

KT-0131-00 **STD**

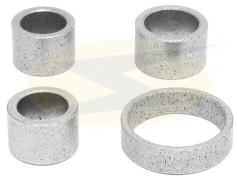


Composição /*Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 RT-0002
1 AT-0001 10,1 X 7,2 X 1,49
1 AE-0002 12,9X8,25X4,5

Aplicação / Application: **VOLKSWAGEN:** Gol bola MI, Parati Com trava 11mm e retentor

BOSCH **Equivalente /** Replace

KT-0132-00 **STD**



Composição /*Composition:*
1 BC1-0037-00 (A=10,048 x B=10,0 x C=14,055)
1 BC1-0051-00 (A=10,060 x B=10,0 x C=14,014)
1 BC1-0068-00 (A=19,030 x B=6,00 x C=22,30)
1 BC1-0133-00 (A=12,010 x B=10,0 x C=16,04)

Aplicação / Application: **FORD:** Ranger

BOSCH **Equivalente /** Replace

KT-0133-00 **STD**

Composição /*Composition:*
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)
1 BC1-0132-00 (A=12,040 x B=16,00 x C=18,01)

Aplicação / Application: **FORD:** F-250 Sprint 6CC

MITSUBISHI **Equivalente /** Replace

KT-0134-00 **STD**

Composição /*Composition:*
1 BC1-0118-00 (A=10,015 x B=11,9 x C=13,1 x D=16,60 x E=1,9)
1 BC1-0120-00 (A=17,815 x B=8,9 x C=22,415)
1 BC1-0096-00 (A=8,100 x B=10,4 x C=11,97)
1 BC1-0135-00 (A=10,000 x B=10,00 x C=14,10)

Aplicação / Application: **HYSTER, CLARK, YALE:** Empilhadeira (com focinho)

ISKRA **Equivalente /** Replace

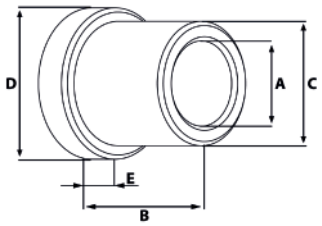
KT-0135-00 **STD**

Composição /*Composition:*
1 BC1-0131-00 (A=14,07 x B=19 x C=17,98)
1 BC1-0130-00 (A=19,04 x B=17 x C=23,02)
1 BC1-0060-00 (A=14,00 x B=11,4 x C=20,02)

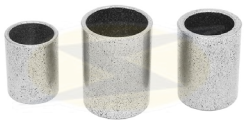
Aplicação / Application: **VALTRA, VALMET:** moderno

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



DELCO REMY **Equivalente /** Replace — KT-0136-00 STD



Composição / *Composition:*
1 BC1-0134-00
(A=16,00 x B=24,50 x C=19,10)
1 BC1-0137-00
(A=17,33 x B=30 x C=22,42)
1 BC1-0138-00
(A=21,10 x B=32,70 x C=24,70)

Aplicação / Application: **CATERPILLAR:** D8

ISKRA **Equivalente /** Replace — KT-0137-00 STD

Composição / *Composition:*
1 BC1-0130-00
(A=19,04 x B=17,00 x C=23,02)
1 BC1-0060-00
(A=14,00 x B=11,4 x C=20,02)
1 BC1-0161-00
(A=12,60 x B=18,9 x C=16,0)

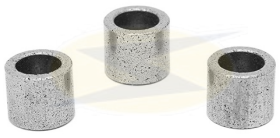
Aplicação / Application: **ISKRA, FIAT:** Tratores, **NEW HOLLAND:** Tratores, TC-59 Colheitadei, **VALMET:** Tratores, **VALTRA:** Tratores

BOSCH **Equivalente /** Replace — KT-0138-00 STD

Composição / *Composition:*
1 BC1-0037-00
(A=10,048 x B=10 x C=14,055)
1 BC1-0039-00
(A=8,100 x B=8 x C=11,06)
1 BC1-0074-00
(A=18,015 x B=5,7 x C=22,116)
1 BC1-0088-00
(A=12,040 x B=9,4 x C=16,010)

Aplicação / Application: **FORD:** F-250, F-350, F-4000 CUMMINS eletrônico

BOSCH **Equivalente /** Replace — KT-0139-00 STD



Composição / *Composition:*
3 BC1-0096-00
(A=8,100 x B=10,4 x C=11,97)

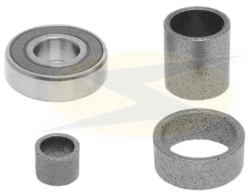
Aplicação / Application: **MERCEDES-BENZ:** Moderno, O-500 R

MOTORCRAFT **Equivalente /** Replace — KT-0140-00 STD

Composição / *Composition:*
1 BC1-0088-00
(A=12,040 x B=9,40 x C=16,010)
1 BC1-0162-00
(A=8,00 x B=9,90 x C=12,50)

Aplicação / Application: **FORD:** Fiesta street 1.0, Courrier, Taurus, Ranger

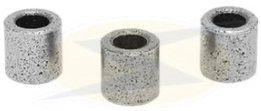
ISKRA **Equivalente /** Replace — KT-0141-00 STD



Composição / *Composition:*
1 BC1-0120-00
(A=17,815 x B=8,9 x C=22,418)
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0039-00
(A=8,100 x B=8 x C=11,06)
1 Rolamento 6001 RS

Aplicação / Application: **VOLKSWAGEN:** Cargo com motor MWM

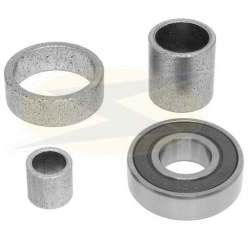
VALEO **Equivalente /** Replace — KT-0142-00 STD



Composição / *Composition:*
3 BC1-0163-00
(A=4,025 x B=7,00 x C=7,02)

Aplicação / Application: **CHEVROLET:** Corsa, **RENAULT, PEUGEOT, CITROEN, VALEO**

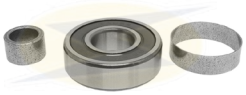
ISKRA **Equivalente /** Replace — KT-0143-00 STD



Composição / *Composition:*
1 BC1-0152-00
(A=22,02 x B=9,00 x C=27,04)
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0093-00
(A=8,10 x B=10,30 x C=11,060)
1 Rolamento RMP-0014 / ROL.6001 RS

Aplicação / Application: **VALTRA / VALMET** Moderno

MITSUBISHI **Equivalente /** Replace — KT-0144-00 STD

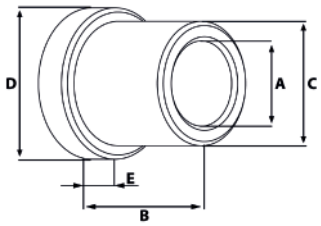


Composição / *Composition:*
1 BC1-0164-00
(A=34,00 x B=9,9 x C=35,3)
1 BC1-0165-00
(A=14,60 x B=12 x C=20)
1 Rolamento ROL.6204 RS C-3

Aplicação / Application: **CATERPILLAR, VOLVO, MITSUBISHI**

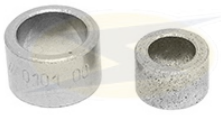
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



MOTORCRAFT **Equivalente /** Replace

KT-0145-00 **STD**



Composição /*Composition:*
1 BC1-0101-00
(A=11,930 x B=9,90 x C=16,035)
1 BC1-0166-00
(A=8,00 x B=7,90 x C=12,50)

Aplicação / Application: **FORD:** Courrier 1.6, Mondeo clx

DELCO REMY **Equivalente /** Replace

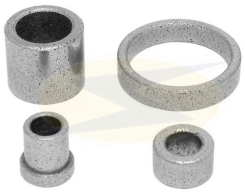
KT-0146-00 **STD**

Composição /*Composition:*
4 BC1-0075-00
(A=6,020 x B=8,30 x C=10,015)

Aplicação / Application: **HYUNDAI:** HR, **KIA:** Bongo Após 2012

DELCO REMY **Equivalente /** Replace

KT-0147-00 **STD**

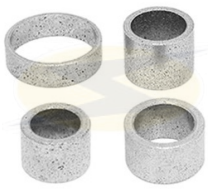


Composição /*Composition:*
1 BC1-0115-00
(A=22,260 x B=5,40 x C=26,910)
1 BC1-0154-00
(A=12,02 x B=14,90 x C=16,93)
1 BC1-0072-00
(A=7,040 x B=7,00 x C=12,020)
1 BC1-0116-00
(A=6,025 x B=11,50 x C=8,80 x D=10,70 x E=2,90)

Aplicação / Application: **CHEVROLET-GM:** Astra, Meriva, Zafira, Montana, Blazer, S-10

MOTORCRAFT **Equivalente /** Replace

KT-0148-00 **STD**

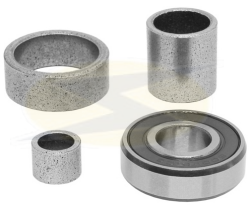


Composição /*Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0088-00
(A=12,040 x B=9,40 x C=16,010)
1 BC1-0155-00
(A=19,00 x B=5,90 x C=21,50)
1 BC1-0156-00
(A=12,00 x B=12,00 x C=15,30)

Aplicação / Application: **FORD:** Ranger, Explorer, Mondeo V6, Mustang V6, Taurus

ISKRA **Equivalente /** Replace

KT-0149-00 **STD**



Composição /*Composition:*
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0039-00
(A=8,100 x B=8 x C=11,06)
1 BC1-0157-00
(A=21,86 x B=10,4 x C=27,115)
1 ROL.6001 RS C-3

Aplicação / Application: **VALTRA / VALMET** moderno

BOSCH **Equivalente /** Replace

KT-0150-00 **STD**

Composição /*Composition:*
1 BC1-0039-00
(A=8,100 x B=8 x C=11,06)
1 BC1-0045-00
(A=18,015 x B=6,5 x C=22,115)
1 BC1-0107-00
(A=10,015 x B=9,9 x C=16,01)
1 BC1-0132-00
(A=12,040 x B=16 x C=18,01)

Aplicação / Application: **FORD:** Cargo C 1317 / C 1319 / 1517 / 1519 / 1717 / 1719 / 1722 / 1723 / 2422 / 2423 / 2428 / 2429 / 2622 / 2623 / 2628 / 2629, eletrônico 24V

MITSUBISHI **Equivalente /** Replace

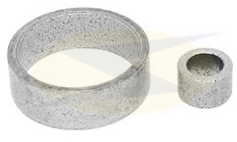
KT-0151-00 **STD**

Composição /*Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0044-00
(A=5,498 x B=11,00 x C=11,00)
1 BC1-0118-00
(A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0158-00
(A=17,55 x B=6,00 x C=21,00)

Aplicação / Application: **CHEVROLET-GM:** Captiva 3.6 V6, Omega V6 3.8 (1999-2004).

VALEO **Equivalente /** Replace

KT-0152-00 **STD**

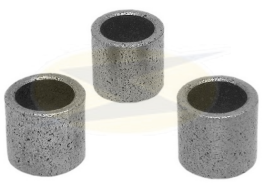


Composição /*Composition:*
1 BC1-0126-00
(A=8,020 x B=7,50 x C=12,02)
1 BC1-0159-00
(A=12,00 x B=12,00 x C=15,30)

Aplicação / Application: **VOLKSWAGEN:** Fox G4/G5, Golf, Voyage

MITSUBISHI **Equivalente /** Replace

KT-0153-00 **STD**

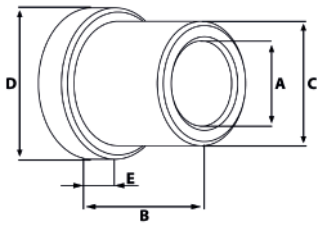


Composição /*Composition:*
3 BC1-0071-00
(A=8,02 x B=9,90 x C=11,06)

Aplicação / Application: **CHEVROLET-GM:** Captiva 3.6 V6, Omega V6 3.8 (1999-2004).

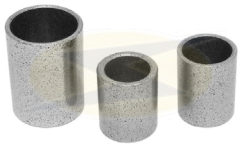
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



DELCO REMY **Equivalente /** Replace

KT-0154-00 **STD**

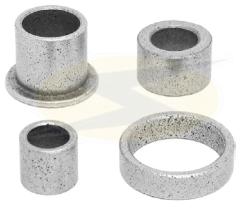


Composição / *Composition:*
1 BC1-0138-00 (A=21,10 x B=32,70 x C=24,70)
1 BC1-0136-00 (A=15,953 x B=24,6 x C=19,135)
1 BC1-0160-00 (A=14,31 x B=22,8 x C=19,12)

Aplicação / Application: **CATERPILLAR:** D4

BOSCH **Equivalente /** Replace

KT-0155-00 **STD**

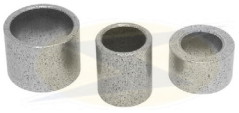


Composição / *Composition:*
1 BC1-0061-00 (A=12,070 x B=14,90 x C=15,100 x D=19,900 x E=1,40)
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)

Aplicação / Application: **FORD:** F-250, F-350, F-4000 (com motor MWM)

ISKRA **Equivalente /** Replace

KT-0156-00 **STD**



Composição / *Composition:*
1 BC1-0130-00 (A=19,04 x B=17,00 x C=23,02)
1 BC1-0141-00 (A=12,70 x B=11,90 x C=20,02)
1 BC1-0109-00 (A=12,820 x B=19,15 x C=16,51)

Aplicação / Application: **NEW HOLLAND:** TM 135 / 150 / 165 / 180

BOSCH **Equivalente /** Replace

KT-0157-00 **STD**

Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0151-00 (A=11,04 x B=13,90 x C=13,67)

Aplicação / Application: **VOLKSVAGEN:** Fusca, Brasilia, Gol, Kombi (com bloco gasto)

MITSUBISHI **Equivalente /** Replace

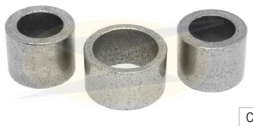
KT-0158-00 **STD**

Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10 x C=14,055)
1 BC1-0117-00 (A=19,115 x B=9,40 x C=21,300)
1 BC1-0118-00 (A=10,015 x B=11,9 x C=13,1 x D=16,60 x E=1,9)
1 BC1-0135-00 (A=10,00 x B=10 x C=14,10)

Aplicação / Application: **CLARK:** Empilhadeira CGP 25, CGP 30

NIPPONDENSO **Equivalente /** Replace

KT-0159-00 **STD**



Composição / *Composition:*
1 BC1-0091-00 (A=21,920 x B=15,90 x C=28,050)
2 BC1-0149-00 (A=15,90 x B=18,80 x C=24,00)

Aplicação / Application: **JOHN DEERE:** Colheitadeira

MITSUBISHI **Equivalente /** Replace

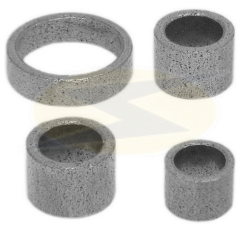
KT-0160-00 **STD**

Composição / *Composition:*
1 BC1-0096-00 (A=8,100 x B=10,4 x C=11,97)
1 BC1-0118-00 (A=10,015 x B=11,9 x C=13,1 x D=16,60 x E=1,9)
1 BC1-0120-00 (A=17,815 x B=8,9 x C=22,415)
1 BC1-0135-00 (A=10,00 x B=10 x C=14,10)

Aplicação / Application: **YALE, HYSTER:** Empilhadeiras

BOSCH **Equivalente /** Replace

KT-0161-00 **STD**

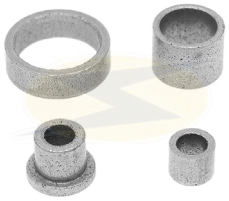


Composição / *Composition:*
2 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)

Aplicação / Application: **TOYOTA:** Hilux Flex 2.7

VALEO **Equivalente /** Replace

KT-0162-00 **STD**

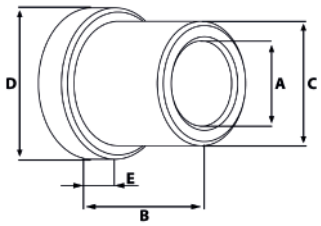


Composição / *Composition:*
1 BC1-0029-00 (A=11,998 x B=11,2 x C=14,988)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,600 x E=1,90)

Aplicação / Application: **DAEWOO, MERCEDES-BENZ:** 190 ,Sprinter, Classe C, Classe E

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



LUCAS INDIEL **Equivalente /** Replace

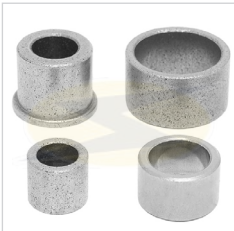
KT-0163-00 STD

Composição / *Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0038-00 (A=12,095 x B=5,40 x C=15,595)
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)

Aplicação / Application: **VOLKSVAGEM:** Polo Classic **FORD:** Verona

DELCO REMY **Equivalente /** Replace

KT-0164-00 STD



Composição / *Composition:*
1 BC1-0043-00 (A=19,013 x B=12,9 x C=23,025)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,700 x E=1,50)
1 BC1-0096-00 (A=8,100 x B=10,4 x C=11,97)
1 BC1-0101-00 (A=11,930 x B=9,90 x C=16,035)

Aplicação / Application: **CHEVROLET-GM:** Blazer, S10

VALEO **Equivalente /** Replace

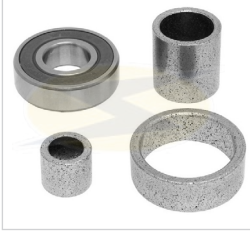
KT-0165-00 STD

Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,0 x C=14,055)
1 BC1-0055-00 (A=8,00 x B=10,8 x C=10,99)
1 BC1-0125-00 (A=7,040 x B=8,00 x C=10,015)
1 BC1-0145-00 (A=19,50 x B=5,90 x C=25,00)

Aplicação / Application: **RENAULT:** Master

ISKRA **Equivalente /** Replace

KT-0166-00 STD



Composição / *Composition:*
1 BC1-0096-00 (A=8,100 x B=10,4 x C=11,97)
1 BC1-0131-00 (A=14,07 x B=19,00 x C=17,98)
1 BC1-0152-00 (A=22,02 x B=9,00 x C=27,04)
1 Rolamento-0014 / ROL.6001 RS C-3

Aplicação / Application: **MASSEY FERGUSON**

BOSCH **Equivalente /** Replace

KT-0167-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,700 x E=1,50)
1 BC1-0153-00 (A=18,00 x B=5,60 x C=22,04)
1 BC1-0154-00 (A=12,02 x B=14,90 x C=16,93)

Aplicação / Application: **FORD:** F-250 / F-350 MWM

DELCO REMY **Equivalente /** Replace

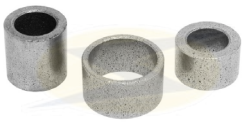
KT-0168-00 STD

Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10 x C=14,055)
1 BC1-0087-00 (A=22,115 x B=8,9 x C=28,075)
1 Rolamento 6200 2RS C3
1 Rolamento 6204 RS C-3

Aplicação / Application: **MERCEDES-BENZ:** 29 MT

MAGNET MARELLI **Equivalente /** Replace

KT-0169-00 STD

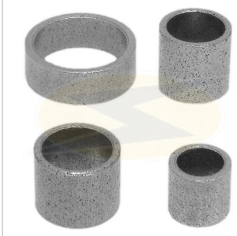


Composição / *Composition:*
1 BC1-0139-00 (A=20,00 x B=12,90 x C=24,01)
1 BC1-0140-00 (A=12,50 x B=18,90 x C=18,71)
1 BC1-0141-00 (A=12,70 x B=11,90 x C=20,02)

Aplicação / Application: **IVECO:** Caminhões, **NEW HOLLAND:** Colheitadeira TC-55, TC-57

PRESTOLITE **Equivalente /** Replace

KT-0170-00 STD



Composição / *Composition:*
1 BC1-0053-00 (A=11,215 x B=13,5 x C=14,325)
1 BC1-0054-00 (A=12,080 x B=12 x C=15,125)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,116)
1 BC1-0093-00 (A=8,10 x B=10,30 x C=11,060)

Aplicação / Application: **AGRALE**

BOSCH **Equivalente /** Replace

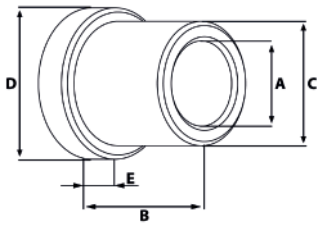
KT-0171-00 STD

Composição / *Composition:*
1 BC1-0026-00 (A=22,128 x B=11,2 x C=28,088)
1 BC1-0027-00 (A=40,093 x B=10,4 x C=48,056)
1 Rolamento RET. ARCA 6868
1 Rolamento GIR 1060

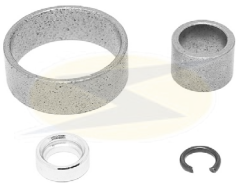
Aplicação / Application: **VOLVO, SCANIA, KB**

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



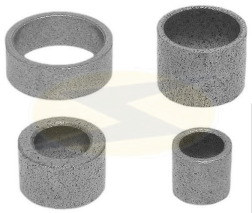
BOSCH **Equivalente /** Replace — KT-0172-00 STD



Composição /*Composition:*
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 AE-0002 12,9X8,25X4,5
1 AT-0001 10,1 X 7,2 X1,49

Aplicação / Application: **VOLKSVAGEN:** Gol, Parati GIII com trava 11mm

BOSCH **Equivalente /** Replace — KT-0173-00 STD



Composição /*Composition:*
1 BC1-0058-00 (A=15,063 x B=13,3 x C=18,135)
1 BC1-0063-00 (A=18,015 x B=8 x C=22,115)
1 BC1-0071-00 (A=8,02 x B=9,9 x C=11,06)
1 BC1-0107-00 (A=10,015 x B=9,9 x C=16,01)

Aplicação / Application: **IVECO:** Daily 55c16, Caminhão, Vans 3/4

BOSCH **Equivalente /** Replace — KT-0174-00 STD

Composição /*Composition:*
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0142-00 (A=25,00 x B=12,90 x C=32,00)
1 BC1-0146-00 (A=12,05 x B=6,00 x C=16,01)

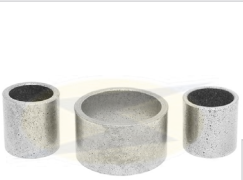
Aplicação / Application: **VOLKSWAGEN:** Golf TSI 1.4, **AUDI:** A3 TSI

BOSCH **Equivalente /** Replace — KT-0175-00 STD

Composição /*Composition:*
1 BC1-0027-00 (A=40,093 x B=10,40 x C=48,056)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,99)

Aplicação / Application: **CHEVROLET-GM:** Omega, Suprema, Vectra, Astra 2.0

LUCAS INDIEL **Equivalente /** Replace — KT-0176-00 STD



Composição /*Composition:*
1 BC1-0047-00 (A=15,063 x B=17,50 x C=18,135)
1 BC1-0143-00 (A=25,17 x B=16,80 x C=29,60)
1 BC1-0144-00 (A=14,04 x B=19,00 x C=18,125)

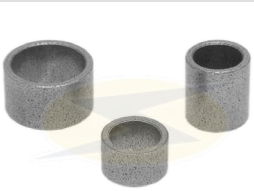
Aplicação / Application: **PEUGEOT:** 504 **RENAULT:** R18, R21, R25 Trafic, Master diesel

BOSCH **Equivalente /** Replace — KT-0177-00 STD

Composição /*Composition:*
1 BC1-0002-00 (A=12,548 x B=10,00 x C=16,555)
1 BC1-0018-00 (A=11,048 x B=13,90 x C=13,585)

Aplicação / Application: **VOLKSWAGEN:** Kombi 1.4 Flex (2008 em diante)

MITSUBISHI **Equivalente /** Replace — KT-0178-00 STD



Composição /*Composition:*
1 BC1-0002-00 (A=12,548 x B=10,0 x C=16,555)
1 BC1-0016-00 (A=12,522 x B=18 x C=16,536)
1 BC1-0043-00 (A=19,013 x B=12,9 x C=23,026)

Aplicação / Application: **CHEVROLET-GM:** Omega 4.1. Empilhadeira

VALEO **Equivalente /** Replace — KT-0179-00 STD

Composição /*Composition:*
2 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0125-00 (A=7,040 x B=8,00 x C=10,015)
1 BC1-0145-00 (A=19,50 x B=5,90 x C=25,00)

Aplicação / Application: **HYUNDAI:** HR, H100, **FIAT:** Ducato, **KIA:** Bongo, **MERCEDES-BENZ:** Sprinter 311 / 313 Cdi, **RENAULT:** Master, **VOLKSWAGEN:** Amarok 2.0 Tdi

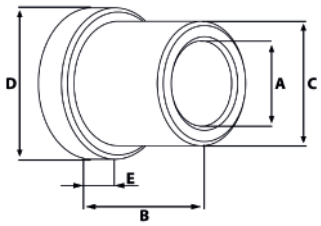
MITSUBISHI **Equivalente /** Replace — KT-0180-00 STD

Composição /*Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0147-00 (A=17,50 x B=9,90 x C=22,80)
1 BC1-0148-00 (A=10,00 x B=10,20 x C=15,00)
1 Rolamento-0008 / Rol. 629 Z

Aplicação / Application: **CHEVROLET:** S-10 deesel motor MWM, **JEEP, TROLLER:** T4

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



VALEO **Equivalente /** Replace — KT-0181-00 STD

Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,60 x E=1,90)

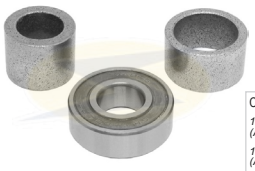
Aplicação / Application: **RENAULT**

BOSCH **Equivalente /** Replace — KT-0182-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,700 x E=1,50)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0132-00 (A=12,040 x B=16,00 x C=18,01)

Aplicação / Application: **CHEVROLET-GM:** S-10, Blazer diesel, **NISSAN:** Frontier

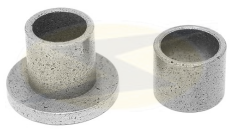
BOSCH **Equivalente /** Replace — KT-0183-00 STD



Composição / *Composition:*
1 BC1-0091-00 (A=21,920 x B=15,90 x C=28,050)
1 BC1-0149-00 (A=15,90 x B=18,80 x C=24,00)
1 Rolamento -0005 / Rol. 6202 2RS C3

Aplicação / Application: **JE CUMMINS, MERCEDES-BENZ:** Actros 2553, **SCANIA:** P114, P124, P322, P340, P360, P400, R114, R320, R322, R340, R360, T114, T320, T322, T340, T36

LUCAS INDIEL **Equivalente /** Replace — KT-0184-00 STD



Composição / *Composition:*
1 BC1-0041-00 (A=11,138 x B=16,60 x C=14,315 x D=23,685 x E=3,00)
1 BC1-0054-00 (A=12,080 x B=12,00 x C=15,125)

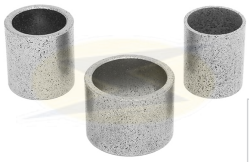
Aplicação / Application: **VOLKSVAGEN:** Gol, Santana, Parati, Saveiro

VALEO **Equivalente /** Replace — KT-0185-00 STD

Composição / *Composition:*
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,60 x E=1,90)
1 BC1-0150-00 (A=28,00 x B=15,90 x C=35,00)
1 AT-0001 10,1 X 7,2 X1,49
1 AE-0002 12,9 X 8,25 X 4,5

Aplicação / Application: **VOLKSVAGEN:** Santana, Gol, Parati Com Trava 11mm

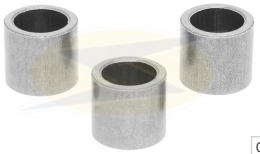
ISKRA **Equivalente /** Replace — KT-0186-00 STD



Composição / *Composition:*
1 BC1-0096-00 (A=8,10 x B=10,4 x C=11,97)
1 BC1-0101-00 (A=11,930 x B=9,90 x C=16,035)
1 BC1-0130-00 (A=19,04 x B=17,00 x C=23,02)

Aplicação / Application: **NEW HOLLAND:** TM 150

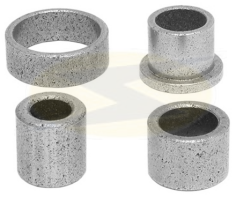
BOSCH **Equivalente /** Replace — KT-0187-00 STD



Composição / *Composition:*
3 BC1-0093-00 (A=8,10 x B=10,30 x C=11,060)

Aplicação / Application: **HYUNDAI:** HB-20, Veloster

MITSUBISHI **Equivalente /** Replace — KT-0188-00 STD



Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0117-00 (A=19,115 x B=9,40 x C=21,300)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0135-00 (A=10,00 x B=10,00 x C=14,10)

Aplicação / Application: **SUZUKI:** Grand Vitara 4x4 (2012 →)

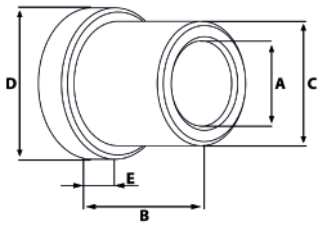
MITSUBISHI **Equivalente /** Replace — KT-0189-00 STD

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0070-00 (A=7,040 x B=12,60 x C=12,020)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x C=1,90)
1 BC1-0167-00 (A=17,50 x B=7,30 x C=20,80)

Aplicação / Application: **CHEVROLET:** Captiva 2.4 16v 2009

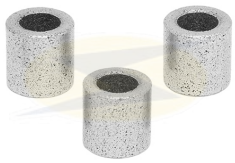
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH **Equivalente /** Replace

KT-0190-00 **STD**

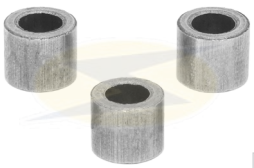


Composição / *Composition:*
3 BC1-0080-00
(A=6,020 x B=10,00 x C=10,015)

Aplicação / Application: **FIAT:** Ducato, **CITROEN**

BOSCH **Equivalente /** Replace

KT-0191-00 **STD**



Composição / *Composition:*
3 BC1-0075-00
(A=6,020 x B=8,30 x C=10,015)

Aplicação / Application: **TOYOTA:** Corolla 2.0 03/08 AUT, **FIAT:** Argo 1.0, Mobi 1.0, Uno 1.0, Palio, Strada, Siena, Furgão, Fiorino, Doblo, Punto

BOSCH / VALEO **Equivalente /** Replace

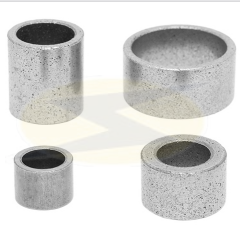
KT-0192-00 **STD**

Composição / *Composition:*
3 BC1-0082-00
(A=5,060 x B=10,40 x C=9,0)

Aplicação / Application: **PEUGEOT, NISSAN:** Frontier, **CHEVROLET-GM:** Omega, Blazer, **MERCEDES BENZ:** Sprinter, **FIAT:** Ducato, **RENAULT:** Laguna, **VOLKSWAGEN:** Up, Fox, Gol rallye, Saveiro

BOSCH **Equivalente /** Replace

KT-0193-00 **STD**



Composição / *Composition:*
1 BC1-0016-00
(A=12,522 x B=18,0 x C=16,536)
1 BC1-0039-00
(A=8,100 x B=8,0 x C=11,06)
1 BC1-0095-00
(A=21,045 x B=11,8 x C=25,025)
1 BC1-0107-00
(A=10,015 x B=9,9 x C=16,01)

Aplicação / Application: **IVECO:** EuroCargo 75 E12 / E13 / E14 / E15 / E17 / E18, EuroCargo 80 E15 / E17 / E18 / E21, EuroCargo 90 E17 / E18 / E21, EuroCargo 100 E17 / E18 / E21, EuroCargo 120 E17, EuroCargo 140 E18 / E24, EuroCargo 150 E24 / E28, EuroCargo 180 E21 / E24 / E28, Eurocargo 24v

BOSCH **Equivalente /** Replace

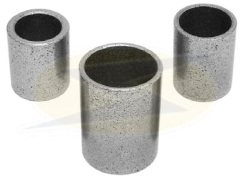
KT-0194-00 **STD**

Composição / *Composition:*
1 BC1-0039-00
(A=8,10 x B=8,00 x C=11,06)
1 BC1-0062-00
(A=10,050 x B=14,80 x C=16,550 x D=18,70 x E=1,50)
1 BC1-0074-00
(A=18,015 x B=5,70 x C=22,115)
1 BC1-0144-00
(A=6,105 x B=8,00 x C=10,150)

Aplicação / Application: **FORD:** F-250, F-350

DELCO REMY **Equivalente /** Replace

KT-0195-00 **STD**

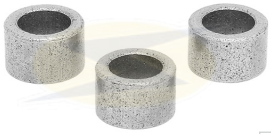


Composição / *Composition:*
1 BC1-0136-00
(A=15,953 x B=24,60 x C=19,135)
1 BC1-0138-00
(A=21,100 x B=32,70 x C=24,70)
1 BC1-0160-00
(A=14,31 x B=22,80 x C=19,12)

Aplicação / Application: **CATERPILLAR:** D-6,

BOSCH **Equivalente /** Replace

KT-0196-00 **STD**



Composição / *Composition:*
3 BC1-0126-00
(A=8,020 x B=7,50 x C=12,02)

Aplicação / Application: **VOLKSWAGEN, VOLVO, FORD:** Cargo, **IVECO:** Eurocargo

BOSCH / ISKRA **Equivalente /** Replace

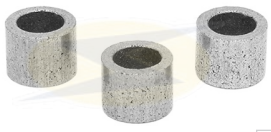
KT-0197-00 **STD**

Composição / *Composition:*
1 BC1-0039-00
(A=8,100 x B=8,00 x C11,06)
1 BC1-0074-00
(A=18,015 x B=5,7 x C=22,115)
1 BC1-0107-00
(A=10,015 x B=9,9 x C=160,1)
1 BC1-0132-00
(A=12,040 x B=16,00 x C=18,01)

Aplicação / Application: **FORD:** Caminhões Cargo Eletrônico 2010 24v

BOSCH **Equivalente /** Replace

KT-0198-00 **STD**

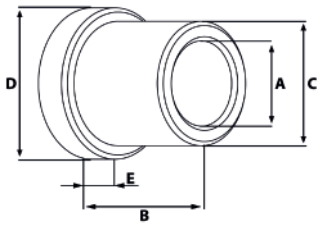


Composição / *Composition:*
3 BC1-0103-00
(A=6,020 x B=6,90 x C=9,015)

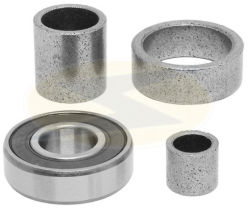
Aplicação / Application: **CHEVROLET:** Onix, Prisma 2013

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



ISKRA Equivalente / Replace — KT-0199-00 STD



Composição / *Composition:*
1 BC1-0071-00 (A=8,02 x B=9,9 x C=11,06)
1 BC1-0131-00 (A=14,07 x B=19,00 x C=17,98)
1 BC1-0168-00 (A=22,005 x B=9,9 x C=27,81)
1 ROL.6001 2RSC3

Aplicação / Application: **VALTRA:** BH 180 moderno

BOSCH Equivalente / Replace — KT-0200-00 STD

Composição / *Composition:*
3 BC1-0080-00 (A=6,020 x B=10,00 x C=10,015)

Aplicação / Application: **FIAT:** Doblo, Strada, Stilo, **CHEVROLET-GM:** Zafira, **MERCEDES BENZ:** Sprinter CDI 210 / 316 / 416 / 616

BOSCH Equivalente / Replace — KT-0201-00 STD

Composição / *Composition:*
1 BC1-0002-00 (A=12,548 x B=10,00 x C=16,555)
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)

Aplicação / Application: **FORD:** Fiesta, Courrier, Escort Zetec 16v

BOSCH Equivalente / Replace — KT-0202-00 STD

Composição / *Composition:*
1 BC1-0021-00 (A=11,998 x B=18,50 x C=14,988)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0093-00 (A=8,10 x B=10,30 x C=11,060)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)

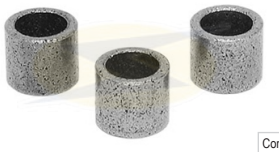
Aplicação / Application: **FORD:** F-250, F-350, F-4000, **CUMMINS**

BOSCH Equivalente / Replace — KT-0203-00 STD

Composição / *Composition:*
3 BC1-0169-00 (A=6,13 x B=8,15 x C=10,01)

Aplicação / Application: **CHEVROLET-GM:** Astra, Omega, Zafira, Vectra **FORD:** Ka, Fiesta, Courrier, Mondeo **DODGE:** Volare

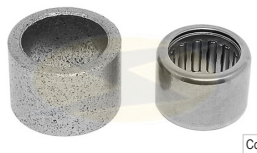
NIPODENSO Equivalente / Replace — KT-0204-00 STD



Composição / *Composition:*
3 BC1-0174-00 (A=6,050 x B=7,10 x C=8,510)

Aplicação / Application: **TOYOTA:** Corolla 1.6/1.8 (até 2008)

BOSCH Equivalente / Replace — KT-0205-00 STD



Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 RMP-0026 HK-1010

Aplicação / Application: **FIAT:** Palio, Siena, Strada,

DELCO REMY Equivalente / Replace — KT-0206-00 STD

Composição / *Composition:*
1 BC1-0072-00 (A=7,040 x B=7,00 x C=12,020)
1 BC1-0115-00 (A=22,260 x B=5,40 x C=26,910)
1 BC1-0116-00 (A=6,025 x B=11,50 x C=8,80 X D=16,60 x E=1,90)
1 RMP-0035 HK-1212

Aplicação / Application: **FIAT:** Doblo, Stilo, Palio, **CHEVROLET-GM:** Astra, Zafira, Meriva com rolamento

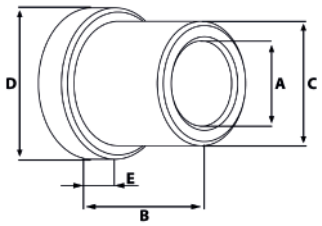
DENSO Equivalente / Replace — KT-0207-00 STD

Composição / *Composition:*
1 BC1-0125-00 (A=7,040 x B=8,00 x C=10,015)
1 BC1-0175-00 (A=15,070 x B=11,00 x C=18,420)
1 BC1-0176-00 (A=11,060 x B=10,00 x C=14,710)
1 BC1-0177-00 (A=7,050 x B=11,100 x C=9,510)

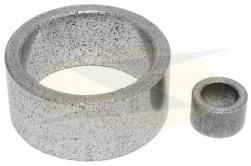
Aplicação / Application: **TOYOTA:** Corolla, Etios

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



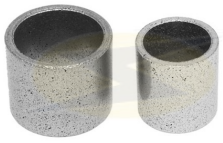
BOSCH **Equivalente /** Replace — KT-0208-00 STD



Composição /*Composition:*
1 BC1-0126-00
(A=8,020 x B=7,50 x C=12,02)
1 BC1-0150-00
(A=28,00 x B=15,90 x C=35,00)

Aplicação / Application: **VOLKSVAGEN:** CrossFox 1.6, Fox 1.0 / 1.6, Gol V 1.0 / 1.6, Gol VI 1.0 / 1.6, Golf IV 1.6 / 1.6, Polo 1.6 / 1.6, Saveiro V 1.6 (G5), SpaceCross 1.6, SpaceFox 1.6, Voyage 1.0 / 1.6

WAPSA **Equivalente /** Replace — KT-0209-00 STD



Composição /*Composition:*
1 BC1-0004-00
(A=14,288 x B=18,30 x C=17,615)
1 BC1-0022-00
(A=18,830 x B=19,00 x C=22,788)

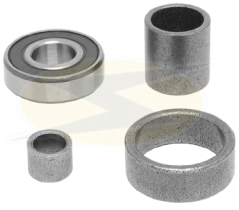
Aplicação / Application: **AGRALE, MASSEY FERGUNSON:** M790, MF 50x

ISKRA **Equivalente /** Replace — KT-0210-00 STD

Composição /*Composition:*
1 BC1-0023-00
(A=14,325 x B=19,00 x C=17,988)
1 BC1-0039-00
(A=8,100 x B=8,00 x C=11,06)
1 BC1-0153-00
(A=18,00 x B=5,60 x C=22,04)
1 BC1-0178-00
(A=10,060 x B=8,00 x C=28,050)

Aplicação / Application: **VOLARE, AGCO:** Tratores, **MASSEY FERGUSON:** 200, 265, 283, 290, 292, 293, 4265, 4275, 4283, 4290, MX720, MX750

ISKRA **Equivalente /** Replace — KT-0211-00 STD



Composição /*Composition:*
1 BC1-0023-00
(A=14,325 x B=19 x C=17,988)
1 BC1-0039-00
(A=8,10 x B=8,0 x C=11,06)
1 BC1-0179-00
(A=21,67 x B=9,7 x C=26,88)
1 RMP-0014 6001 RSC3

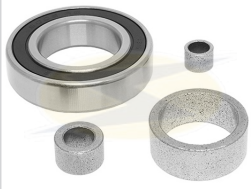
Aplicação / Application: **CASE:** 110, 130, 68, 75, 78, 75, **LANDINI ATLAS:** 75, **MASSEY:** AA550, AA660, MF200, MF2600, MF3065, MF34, MF38, MF383, MF400, MF400X, MF4200, MF500, **SAMPO:** SR2035, SR2045, SR2055, SR2065, SR2075, SR2085, SR3045, SR3065, URSUS C--330M, 335, C-360, **VALTRA:** BH-180, BM-100, 255, 355, 3655, 455, 465, 504, 565, 604, 6100, 6300, 6400, 6600, 6655, 6750, 6800, 6850, 800, 8000, 805, 805-4, 8050, 8150, 8450, 8100, 8200, 8400, 8350, 8400, 8450, 8550, 8550, 8750, 865, 8950, 900, C100, C15, C20, C200, MEGA 8050, 8150, 8550, 8750, ZETOR 4712, **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

PRESTOLITE **Equivalente /** Replace — KT-0213 -00 STD

Composição /*Composition:*
3 BC1-0076-00
(A=6,020 x B=10,15 x C=9,020)

Aplicação / Application: **PRESTOLITE, YALLE, AGRALLE,** Empilhadeira **CLARCK, FORD:** Ranger, **CHEVROLET-GM:** Silverado, Blazer, S-10, Astra, Vectra Até 2001, **AUDI:** Audi A3, **VOLKSWAGEN:** Golf Tsi, BMW: 530i 3.0 (1992-1995), 530i Touring 3.0 (1992-1996), 535i 3.5 (1996-2003), 540i 4.0 (1992-1995), 540i 4.4 (1996-2003), 540i 4.0 Touring (1993-1996), 540i Touring 4.4 (1997-2004), 730i/iL 3.0 (1991-1996), 735i/iL 3.5 (1994-2001), 740i/iL 4.0 (1991-1996), 740i/iL 4.4 (1996-2001), 840Ci 4.4 (1994-1999), 840i 4.0 (1993-1996), M5 5.0 (1998-2003), X5 4.4 i (1999-2003), X5 4.5 is (2002-2003), Z8 5.0 (2000-2003)

BOSCH **Equivalente /** Replace — KT-0212-00 STD



Composição /*Composition:*
1 BC1-0039-00
(A=8,100 x B=8,00 x C=11,06)
1 BC1-0107-00
(A=10,015 x B=9,90 x C=16,01)
1 BC1-0142-00
(A=25,00 x B=12,90 x C=32,00)
1 RMP-0034 6006 RS

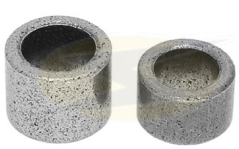
Aplicação / Application: **SCANIA:** Moderno com redução

BOSCH **Equivalente /** Replace — KT-0214 -00 STD

Composição /*Composition:*
1 BC1-0037-00
(A=10,048 x B=10,0 x C=14,055)
1 BC1-0039-00
(A=8,10 x B= 8,00 x C=11,060)
1 BC1-0068-00
(A=19,03 x B=6,00 x C=22,30)
1 BC1-0206-00
(A=12,56 x B=6,10 x C=16,52)

Aplicação / Application: **MBB:** Sprinter 311 CDI / 415 CDI / 515 CDI (2011->)

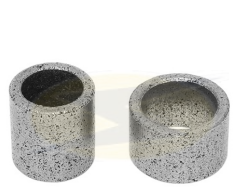
BOSCH **Equivalente /** Replace — KT-0215 -00 STD



Composição /*Composition:*
1 BC1-0126-00
(A=8,020 x B=7,50 x C=12,02)
1 BC1-0127-00
(A=9,040 x B=10,00 x C=13,04)

Aplicação / Application: **FIAT:** Uno vivace, Palio 1.4 fire

BOSCH **Equivalente /** Replace — KT-0216 -00 STD

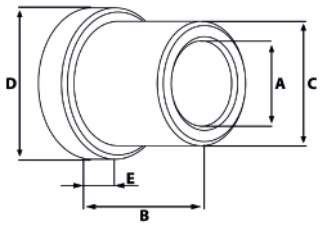


Composição /*Composition:*
1 BC1-0002-00
(A=12,548 x B=10,00 x C=16,555)
1 BC1-0052-00
(A=10,060 x B=14,00 x C=14,014)

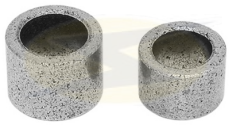
Aplicação / Application: **FIAT:** Palio, Siena fire 2012

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH **Equivalente /** Replace — KT-0219 -00 STD



Composição /*Composition:*
1 BC1-0105-00
(A=8,020 x B=7,90 x C=11,800)
1 BC1-0127-00
(A=9,040 x B=10,00 x C=13,04)

Aplicação / Application: **RENAULT:** Fluence, Logan, Symbol, **FIAT:** Doblo, Ideia, Marea, Linea

BOSCH **Equivalente /** Replace — KT-0220-00 STD

Composição /*Composition:*
3 BC1-0075-00
(A=6,020 x B=8,30 x C=10,015)

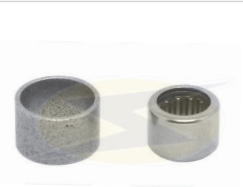
Aplicação / Application: **MERCEDES BENZ, NISSAN, CHEVROLET- GM:** Astra, Blazer, S-10, **DODGE:** Dakota, **TOYOTA:** Hilux Sw4, **FORD:** Ranger, Explorer, F1.000, Mondeo, Escort, **AGRALE:** 4100

FORD **Equivalente /** Replace — KT-0221-00 STD

Composição /*Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0118-00
(A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0126-00
(A=8,020 x B=7,50 x C=12,02)
1 BC1-0171-00
(A=17,50 x B=8,90 x C=23,00)

Aplicação / Application: **FORD:** Fusion 2006 aut.

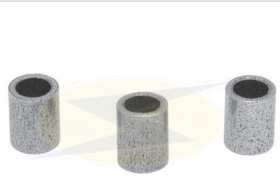
BOSCH **Equivalente /** Replace — KT-0222-00 STD



Composição /*Composition:*
1 BC1-0172-00
(A=14,40 x B=10,50 x C=16,510)
1 RMP-0026 HK-1010

Aplicação / Application: **FORD:** Fiesta, Courier, Escort Zetec

DELCO **Equivalente /** Replace — KT-0223-00 STD



Composição /*Composition:*
3 BC1-0173-00
(A=6,090 x B=11,00 x C=8,760)

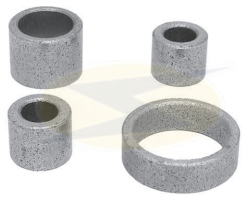
Aplicação / Application: **CHEVROLET-GM:** Astra, Vectra, Blazer

YUCHAI **Equivalente /** Replace — KT-0224-00 STD

Composição /*Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0087-00
(A=22,115 x B=8,90 x C=28,075)
1 RMP-0002 629 2RS
1 RMP-0037 6905 RS

Aplicação / Application: **YUCHAI:** Mini Retro escavadeira 24V

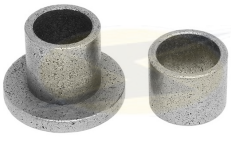
FORD **Equivalente /** Replace — KT-0225-00 STD



Composição /*Composition:*
1 BC1-0045-00
(A=18,015 x B=6,50 x C=22,115)
2 BC1-0102-02
(A=6,905 x B=9,90 x C=12,020)
1 BC1-0191-00
(A=12,50 x B=12,00 x C=16,01)

Aplicação / Application: **FORD:** Fusion Titanium 2.0

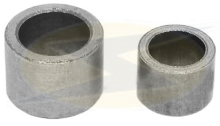
LUCAS INDIEL **Equivalente /** Replace — KT-0228-00 STD



Composição /*Composition:*
1 BC1-0041-00
(A=11,138 x B=16,60 x C=14,315 x D=23,685 x E=3,0)
1 BC1-0054-00
(A=12,080 x B=12,00 x C=15,125)

Aplicação / Application: **FORD:** F-1000

VALEO **Equivalente /** Replace — KT-0231-00 STD / KT-0231-02 2X

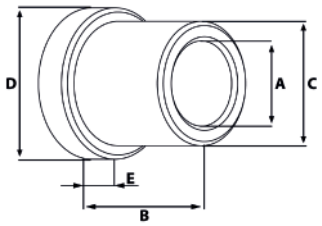


Composição /*Composition:*
1 BC1-0039-00
(A=8,100 x B=8,00 x C=11,06)
1 BC1-0051-00
(A=10,060 x B=10,00 x C=14,014)
1 BC1-0039-02
(A=7,970 x B=8,00 x C=11,06)
1 BC1-0051-02
(A=9,933 x B=10,00 x C=14,014)

Aplicação / Application: **CITROEN, PEUGEOT, RENAULT**

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH Equivalente / Replace

KT-0232-00 STD

Composição / *Composition:*
3 BC1-0096-00 (A=8,100 x B=10,40 x C=11,97)
1 BC1-0126-00 (A=8,020 x B=7,50 x C=12,02)

Aplicação / Application: **SCANIA:** Com redução

MITSUBISHI Equivalente / Replace

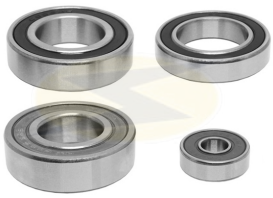
KT-0234-00 STD

Composição / *Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0038-00 (A=12,095 x B=5,40 x C=15,595)
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)

Aplicação / Application: **MAZDA, MITSUBISHI**

PRESTOLITE Equivalente / Replace

KT-0235-00 STD



Composição / *Composition:*
1 Rol. 6005 2RS C3
1 Rol. 608 2RS
1 Rol. 6004 2RS C3
1 Rol. 6905 RS

Aplicação / Application: **GMC:** Caminhão 7110

VALEO Equivalente / Replace

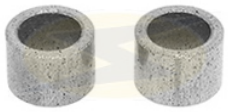
KT-0236-00 STD

Composição / *Composition:*
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,60 x E=1,90)
1 Rol. RMP-0026 HK-1010

Aplicação / Application: **RENAULT:** Com rolamento

DELCO REMY Equivalente / Replace

KT-0237-00 STD

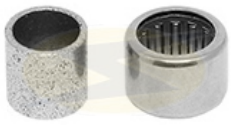


Composição / *Composition:*
2 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)

Aplicação / Application: **MASIA:** Towner antiga

VALEO Equivalente / Replace

KT-0238-00 STD

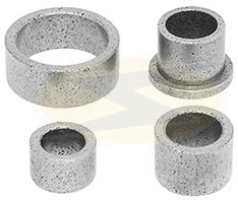


Composição / *Composition:*
1 BC1-0119-00 (A=9,025 x B=10,90 x C=11,10)
1 Rol. RMP-0026 HK-1010

Aplicação / Application: **CHEVROLET-GM:** Celta, Corsa joy com rolamento

MITSUBISHI Equivalente / Replace

KT-0240-00 STD

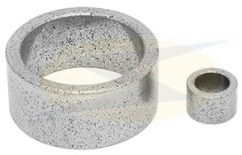


Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0120-00 (A=17,815 x B=8,90 x C=22,415)
1 BC1-0126-00 (A=8,020 x B=7,50 x C=12,020)

Aplicação / Application: **HYUNDAI:** Sonata, Tucson, Elantra, **CHEVROLET-GM:** Blazer, **MITSUBISHI:** Pajero **CRYSLER, YALE, CLARK, CATERPILLAR**

BOSCH Equivalente / Replace

KT-0241-00 STD

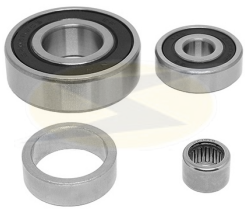


Composição / *Composition:*
1 BC1-0105-00 (A=8,020 x B=7,90 x C=11,80)
1 BC1-0150-00 (A=28,00 x B=15,90 x C=35,00)

Aplicação / Application: **VOLKSWAGEN:** Kombi moderna sem focinho

DELCO REMY Equivalente / Replace

KT-0242-00 STD

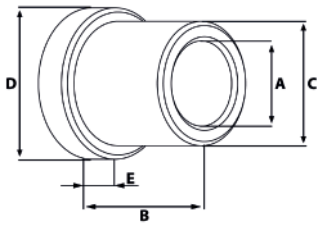


Composição / *Composition:*
1 BC1-0087-00 (A=22,115 x B=8,90 x C=28,075)
1 RMP-0007 / Rol. 6200 2RS C3
1 RMP-0026 HK-1010
1 RMP-0032 / ROL.6204 RS C-3

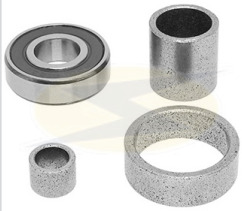
Aplicação / Application: **MERCEDES-BENZ:** Moderno 24v 29MT com rolamento

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



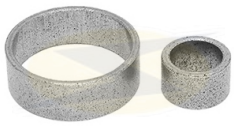
ISKRA Equivalente / Replace — KT-0243-00 STD



Composição / *Composition:*
1 BC1-0023-00 (A=14,325 x B=19,00 x C=17,988)
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0152-00 (A=22,02 x B=9,00 x C=27,04)
1 Rol. RMP-0014 6001 RSC3

Aplicação / Application: **CHALLENGER:** Colheitadeira 652C / 660B / 670B / 672C, Pulverizador (gafanhoto) RoGator RG635B / RG645B / RG655B / RG1100 / RG1300, Trator TerraGator TG845, Trator de esteiras, **BOBCAT:** Mini pá carregadeira 975, **CASE:** Tratores, **JOHN DEERE:** Colheitadeiras, Retroescavadeira, Tratores, **KOMATSU:** Retroescavadeira WB97S-5, **MAN:** Caminhões, Ônibus, **MASSEY FERGUSON:** Tratores, **MERCEDES BENZ:** Atego Vario, Ônibus 0520 (Cito) / 0530 (Citaro), **NEW HOLLAND:** Colheitadeiras, Tratores, **VALMET:** Tratores, **VALTRA:** Tratores, **ZETOR:** Tratores, **CATERPILLAR:** Máquinas Challenger diversas, **VOLKSWAGEN:** Caminhão com redução, **VOLVO:** Caminhão com redução

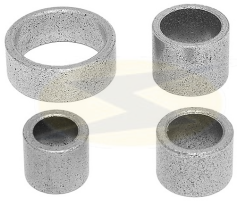
BOSCH Equivalente / Replace — KT-0244-00 STD



Composição / *Composition:*
1 BC1-0002-00 (A=12,548 x B=10,00 x C=16,555)
1 BC1-0003-00 (A=28,385 x B=11,00 x C=32,260)

Aplicação / Application: **VOLKSWAGEN:** Golf, Bora, Jetta

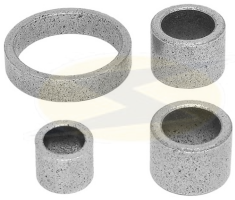
MOTORCRAFT Equivalente / Replace — KT-0245-00 STD



Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0096-00 (A=8,100 x B=10,40 x C=11,97)
1 BC1-0156-00 (A=12,00 x B=12,00 x C=15,30)

Aplicação / Application: **FORD:** Ranger V6 automatica

VALEO Equivalente / Replace — KT-0246-00 STD



Composição / *Composition:*
2 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0124-00 (A=20,01 x B=5,00 x C=25,05)
1 BC1-0125-00 (A=7,040x B=8,00 x C=10,015)

Aplicação / Application: **MERCEDES-BENZ:** Sprinter cdi

BOSCH Equivalente / Replace — KT-0247-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0061-00 (A=12,070 x B=14,90 x C=15,10 x D=19,90 x E=1,40)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,700 x E=1,50)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)

Aplicação / Application: **IVECO:** Caminhão

BOSCH Equivalente / Replace — KT-0248-00 STD

Composição / *Composition:*
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0062-00 (A=10,050 x B=14,80 x C=16,550 x D=18,700 x E=1,50)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 RMP-0025 HK 1210

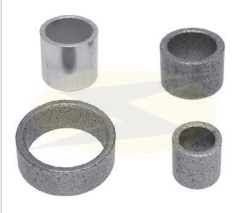
Aplicação / Application: **MERCEDES-BENZ:** 180D com rolamento

BOSCH Equivalente / Replace — KT-0249-00 STD

Composição / *Composition:*
1 BC1-0096-00 (A=8,100 x B=10,40 x C=11,97)
3 BC1-0126-00 (A=8,020 x B=7,50 x C=12,02)

Aplicação / Application: **YUACH:** Retroescavadeira

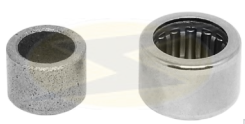
BOSCH Equivalente / Replace — KT-0251-00 STD



Composição / *Composition:*
1 BC1-0009-00 (A=12,548 x B=11,40 x C=16,555)
1 BC1-0055-00 (A=8,00 x B=10,80 x C=10,990)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0187-00 (A=12,060 x B=14,00 x C=14,72)

Aplicação / Application: **CHEVROLET-GM:** Omega V6 3.8 (1999-2004)

MITSUBISHI Equivalente / Replace — KT-0252-00 STD

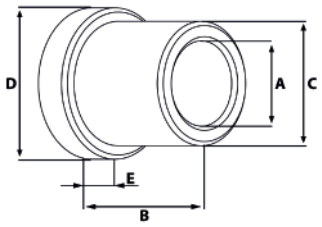


Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 RMP-0039 BK-1212

Aplicação / Application: **CLARK / YALE:** Empilhadeira com rolamento

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



MITSUBISHI **Equivalente /** Replace

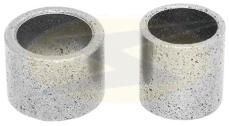
KT-0253-00 **STD**

Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0158-00 (A=17,55 x B=6,00 x C=21,00)
1 BC1-0188-00 (A=8,060 x B=8,00 x C=13,010)

Aplicação / Application: **MITSUBISHI:** Pajero TR4

BRIGHT **Equivalente /** Replace

KT-0255-00 **STD**



Composição / *Composition:*
1 BC1-0191-00 (A=12,50 x B=12,00 x C=16,01)
1 BC1-0151-00 (A=11,04 x B=13,90 x C=13,67)

Aplicação / Application: **TOWNER, EFFA, CHANA** (Moderno)

BOSCH **Equivalente /** Replace

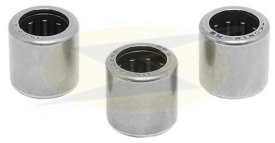
KT-0256-00 **STD**

Composição / *Composition:*
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)
1 RMP-0040 HK-121814

Aplicação / Application: **IVECO, PEUGEOT, CITROEN, FIAT:** Ducato

BOSCH **Equivalente /** Replace

KT-0257-00 **STD**

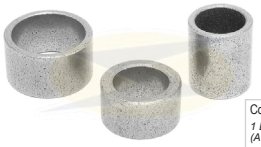


Composição / *Composition:*
3 Rol. RMP-0041 HK-0812

Aplicação / Application: **MERCEDES-BENZ:** Moderno

ISKRA **Equivalente /** Replace

KT-0258-00 **STD**



Composição / *Composition:*
1 BC1-0043-00 (A=19,013 x B=12,90 x C=23,025)
1 BC1-0109-00 (A=12,820 x B=19,15 x C=16,51)
1 BC1-0192-00 (A=14,05 x B=10,90 x C=20,16)

Aplicação / Application: **NEW HOLLAND:** TC-59

BOSCH **Equivalente /** Replace

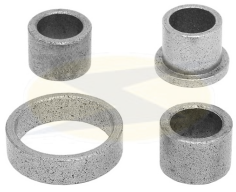
KT-0259-00 **STD**

Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0039-00 (A=8,100 x B=8,00 x C=11,06)
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0191-00 (A=12,50 x B=12,00 x C=16,01)

Aplicação / Application: **FIAT:** Ducato Multjet, **CITROEN:** Jumper, **PEUGEOT:** Boxer

MITSUBISHI **Equivalente /** Replace

KT-0261-00 **STD**

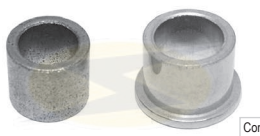


Composição / *Composition:*
1 BC1-0037-00 (A=10,048 x B=10,00 x C=14,055)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0194-00 (A=19,00 x B=6,00 x C=23,00)

Aplicação / Application: **JEEP:** Cherokee, **CHEVROLET-GM:** S10, Blazer, **TROLLER:** T4, **MITSUBISHI:** TR4

MITSUBISHI **Equivalente /** Replace

KT-0263-00 **STD**



Composição / *Composition:*
1 BC1-0079-00 (A=10,044 x B=12,50 x C=14,014)
1 BC1-0196-00 (A=12,050 x B=13,00 x C=16,03 x D=19,50 x E=2,00)

Aplicação / Application: **HYSTER:** Empilhadeiras

VALEO **Equivalente /** Replace

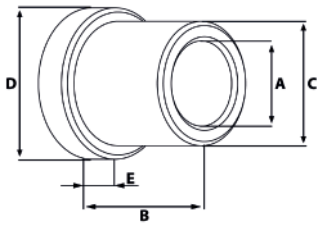
KT-0264-00 **STD**

Composição / *Composition:*
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,60 x E=1,90)
1 BC1-0191-00 (A=12,50 x B=12,00 x C=16,01)
1 BC1-0197-00 (A=14,00 x B=5,50 x C=18,00)

Aplicação / Application: **CITROEN:** Picasso 1.6/2.0, C3, C4, **PEUGEOT:** 206, 306,307, **RENAULT:** Clio

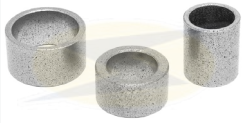
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



ISKRA **Equivalente /** Replace

KT-0266-00 **STD**

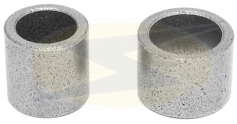


Composição / *Composition:*
1 BC1-0001-00 (A=12,764 x B=18,70 x C=15,964)
1 BC1-0043-00 (A=19,013 x B=12,90 x C=23,025)
1 BC1-0192-00 (A=14,05 x B=10,90 x C=20,16)

Aplicação / Application: **MASSEY-FERGUSON:** 275, 291, 297, 299 / PERKINS (33 Laminas)

MITSUBISHI **Equivalente /** Replace

KT-0267-00 **STD**



Composição / *Composition:*
1 BC1-0052-00 (A=10,060 x B=14,00 x C=14,014)
1 BC1-0191-00 (A=12,50 x B=12,00 x C=16,01)

Aplicação / Application: **HYSTER:** Empilhadeira/Forklift, **SUZUKI:** Jimny, Vitara

BOSCH **Equivalente /** Replace

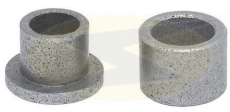
KT-0268-00 **STD**

Composição / *Composition:*
1 BC1-0039-00 (A=8,10 x B=8,00 x C=11,06)
1 BC1-0063-00 (A=18,015 x B=8,00 x C=22,115)
1 BC1-0107-00 (A=10,015 x B=9,90 x C=16,01)
1 RMP-0039 BK-1212

Aplicação / Application: **FORD:** F-250 c/ MWM 6 cil, **MERCEDES-BENZ:** Sprinter **VOLARE**

VALEO **Equivalente /** Replace

KT-0269-00 **STD**



Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0199-00 (A=8,050 x B=10,150 x C=11,020 x D=16,00 x E=2,00)

Aplicação / Application: **PEUGOT:** 206, **NISSAN:** March 1.0 (2012>), **RENAULT:** Clio 1.0 (1999-2016), Logan 1.0 (2007-2015), Sandero 1.0 (2007-2015), **FORD:** Courier (1999-2013), Ecosport (2003-2012), Escort (2000-2002), Fiesta (1999-2013)

MITSUBISHI **Equivalente /** Replace

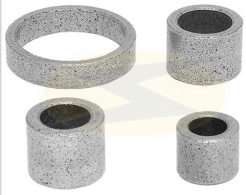
KT-0271-00 **STD**

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0158-00 (A=17,55 x B=6,00 x C=21,00)
1 BC1-0188-00 (A=8,060 x B=8,00 x C=13,010)

Aplicação / Application: **CHEVROLET-GM:** Tracker, **SUZUKI:** Vitara 2.0

VALEO **Equivalente /** Replace

KT-0273-00 **STD**

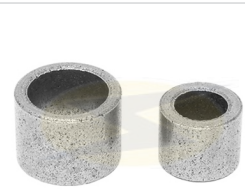


Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0124-00 (A=20,01 x B=5,00 x C=25,05)
1 BC1-0162-00 (A=8,00 x B=9,90 x C=12,50)
1 BC1-0169-00 (A=6,13 x B=8,15 x C=10,01)

Aplicação / Application: **RENAULT:** Trafic

BOSCH **Equivalente /** Replace

KT-0274-00 **STD**

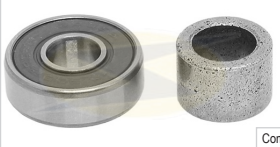


Composição / *Composition:*
1 BC1-0162-00 (A=8,00 x B=9,90 x C=12,50)
1 BC1-0191-00 (A=12,50 x B=12,00 x C=16,01)

Aplicação / Application: **FORD:** Fiesta, KA, Courier (Endure)

VALEO **Equivalente /** Replace

KT-0275-00 **STD**



Composição / *Composition:*
1 BC1-0148-00 (A=10,00 x B=10,20 x C=15,00)
1 RMP-0011 / Rol. 608 2RS

Aplicação / Application: **MERCEDES-BENZ:** Classe A (caixa de direção)

VALEO **Equivalente /** Replace

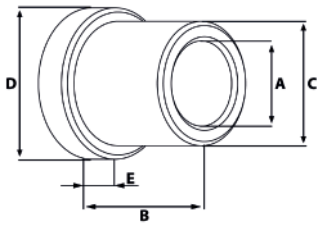
KT-0276-00 **STD**

Composição / *Composition:*
1 BC1-0028-00 (A=12,088 x B=13,90 x C=14,107)
1 BC1-0103-00 (A=6,020 x B=6,90 x C=9,015)
1 BC1-0104-00 (A=6,025 x B=9,90 x C=10,00 x D=13,60 x E=1,90)
1 BC1-0197-00 (A=14,00 x B=5,50 x C=18,00)

Aplicação / Application: **PEUGEOT:** 206, **RENAULT:** Clio, Sandero, Logan, **NISSAN:** March

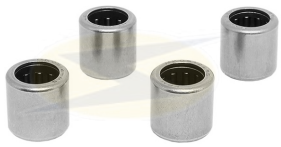
Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



DELCO REMY **Equivalente /** Replace

KT-0279-00 **STD**



Composição / *Composition:*
4 Rol. RMP-0041 HK-0812

Aplicação / Application: **MERCEDES-BENZ:** 29MT, **VOLKSWAGEN:** Constellation, Agrale

ISKRA **Equivalente /** Replace

KT-0280-00 **STD**

Composição / *Composition:*
3 rol. RMP-0042 HK-0810

Aplicação / Application: **VOLKSWAGEN:** Caminhão Cargo sem focinho, **CASE MAGNUM, NEW HOLLAND, ISKRA, MERCEDES-BENZ:** Atego 1719, 1725, 1726 ,1718 ,1729, 1730, 2426 ,2429, Atron 1319 2324 2729, O500 EURO 5

BOSCH **Equivalente /** Replace

KT-0281-00 **STD**

Composição / *Composition:*
1 BC1-0039-00
(A=8,10 x B=8,00 x C=11,06)
1 BC1-0048-00
(A=12,010 x B=16,50 x C=16,010)
1 BC1-0062-00
(A=10,050 x B=14,80 x C=16,550 x D=18,70 x E=1,50)
1 BC1-0063-00
(A=18,015 x B=8,00 x C=22,115)

Aplicação / Application: **MERCEDES-BENZ:** 180D

BOSCH **Equivalente /** Replace

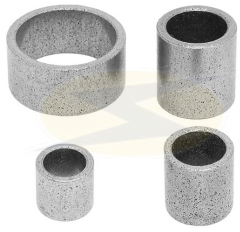
KT-0282-00 **STD**

Composição / *Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0063-00
(A=18,015 x B=8,00 x C=22,115)
1 BC1-0093-00
(A=8,10 x B=10,30 x C=11,060)
1 Rol. RMP-0035 K-1212

Aplicação / Application: **TOYOTA:** Hilux, **MITSUBISHI:** L200 com rolamento

BOSCH **Equivalente /** Replace

KT-0283-00 **STD**



Composição / *Composition:*
1 BC1-0016-00
(A=12,522 x B=18,00 x C=16,536)
1 BC1-0056-00
(A=10,050 x B=13,80 x C=13,040)
1 BC1-0093-00
(A=8,10 x B=10,30 x C=11,060)
1 BC1-0095-00
(A=21,045 x B=11,80 x C=25,025)

Aplicação / Application: **NEW HOLLAND, JOHN DEERE, CASE**

MITSUBSHI **Equivalente /** Replace

KT-0284-00 **STD**

Composição / *Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0105-00
(A=8,020 x B=7,90 x C=11,800)
1 BC1-0118-00
(A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,90)
1 BC1-0153-00
(A=18,00 x B=5,60 x C=22,04)

Aplicação / Application: **YALE:** Empilhadeira, **HISTER:** Empilhadeira XM, **MITSUBSHI**

BOSCH **Equivalente /** Replace

KT-0285-00 **STD**

Composição / *Composition:*
1 BC-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC-0055-00
(A=8,00 x B=10,80 x C=10,99)
1 BC-0063-00
(A=18,015 x B=8,00 x C=22,115)
1 RMP-0026 HK-1010

Aplicação / Application: **RENAULT:** Com rolamento

VALEO **Equivalente /** Replace

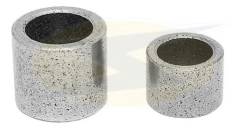
KT-0286-00 **STD**

Composição / *Composition:*
1 BC1-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC1-0199-00
(A=8,050 x B=10,150 x C=11,020 x D=16,00 x E=2,00)

Aplicação / Application: **FORD:** Ecosport 2013, New Fiesta

MITSUBISHI **Equivalente /** Replace

KT-0287-00 **STD**

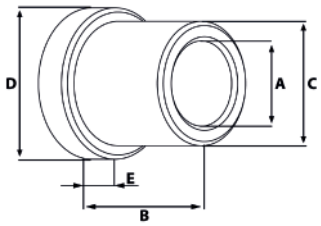


Composição / *Composition:*
1 BC-0037-00
(A=10,048 x B=10,00 x C=14,055)
1 BC-0154-00
(A=12,02 x B=14,90 x C=16,93)

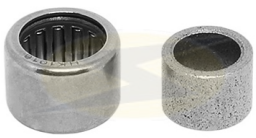
Aplicação / Application: **YALE, CLARK, HYSTER**

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



VALEO **Equivalente /** Replace — KT-0289-00 STD



Composição / *Composition:*
1 BC-0039-00
(A=8,10 x B=8,00 x C=11,06)
1 Rol. RMP-0026 HK-1010

Aplicação / Application: **CITROEN, RENAULT, PEUGEOT**

BOSCH **Equivalente /** Replace — KT-0290-00 STD

Composição / *Composition:*
UF-6.602/3
1 BC1-0090-00
(A=10,060 x B=10,20 x C=11,48)
1 RMP-0011 / Rol. 608 2RS

Aplicação / Application: Kit limpador de parabrisa com porta escovas 12v
FIAT: Uno, **VOLKSWAGEN:** Gol

BOSCH **Equivalente /** Replace — KT-0291-00 STD

Composição / *Composition:*
UF-6.602/3
2 BC1-0121-00
(A=10,015 x B=9,00 x C=13,040)
1 RMP-0038 6000 RSC3

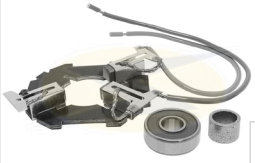
Aplicação / Application: Kit limpador de parabrisa com porta escovas 12v
MERCEDES-BENZ: com rolamento

BOSCH **Equivalente /** Replace — KT-0292-00 STD

Composição / *Composition:*
UF-6.601/3
3 BC1-0121-00
(A=10,015 x B=9,00 x C=13,040)

Aplicação / Application: Kit limpador de parabrisa com porta escovas 12v
MERCEDES-BENZ

BOSCH **Equivalente /** Replace — KT-0293-00 STD



Composição / *Composition:*
UF-6.601/3
1 BC1-0121-00
(A=10,015 x B=9,00 x C=13,040)
1 RMP-0011 / Rol. 608 2RS

Aplicação / Application: Kit limpador de parabrisa com porta escovas 12v
MERCEDES-BENZ

BOSCH **Equivalente /** Replace — KT-0294-00 STD

Composição / *Composition:*
UF-6.602/3
3 Bucha BC1-0090-00
(A=10,060 x B=10,20 x C=11,48)
1 RMP-0011 / Rol. 608 2RS

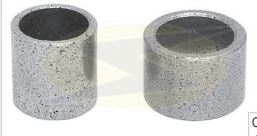
Aplicação / Application: Kit limpador de parabrisa com porta escovas 12v
FIAT: Uno, **VOLKSWAGEN:** Gol

ARNO **Equivalente /** Replace — KT-0295-00 STD

Composição / *Composition:*
UF-6.603/3
1 BC1-0098-00
(A=6,310 x B=6,40 x C=9,01)
1 BC1-0099-00
(A=8,70 x B=15,90 x C=11,60)

Aplicação / Application: Kit limpador de parabrisa com porta escovas 12v
CHEVROLET: Opala, D-20

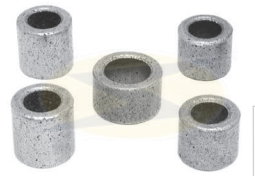
VALEO **Equivalente /** Replace — KT-0296-00 STD



Composição / *Composition:*
1 BC1-0009-00
(A=12,548 x B=11,40 x C=16,555)
1 BC1-0151-00
(A=11,04 x B=13,90 x C=13,67)

Aplicação / Application: **CITROEN:** C3, **PEUGEOT:** 206, 207 (Motor/Engine VALEO D7E23)

COMSTAR **Equivalente /** Replace — KT-0297-00 STD

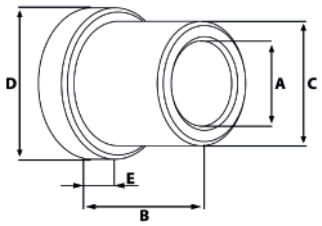


Composição / *Composition:*
2 BC1-0075-00
(A=6,020 x B=8,30 x C=10,015)
2 BC1-0080-00
(A=6,020 x B=10,00 x C=10,015)
1 BC1-0126-00
(A=8,020 x B=7,50 x C=12,02)

Aplicação / Application: **RENAULT:** Duster, Logan, Sandero

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



COMSTAR Equivalente / Replace — KT-0298-00 STD

Composição / *Composition:*
2 BC1-0075-00 (A=6,020 x B=8,30 x C=10,015)
2 BC1-0080-00 (A=6,020 x B=10,00 x C=10,015)
1 RMP-0020 Rol HK 0808

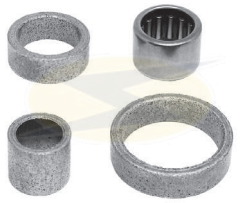
Aplicação / Application: **RENAULT:** Duster, Logan, Sandero

BOSCH Equivalente / Replace — KT-0299-00 STD

Composição / *Composition:*
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0094-00 (A=10,015 x B=10,00 x C=14,014)
1 BC1-0206-00 (A=12,560 x B=6,10 x C=16,520)

Aplicação / Application: **RENAULT:** Clio 2.0 Sport, Duster 2.0 16V Hi-Flex / Hi-Flex 4x4, Espace 2.0 / Turbo, Fluence 2.0 GT, Laguna 2.0 TCe Grandtour / 2.0i 16V, Mégane 2.0 16V / Cabrio / Grandtour 16V, Scénic 2.0 16V / 2.0i 16V, Trafic 2.0

BOSCH Equivalente / Replace — KT-0300-00 STD



Composição / *Composition:*
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0206-00 (A=12,560 x B=6,10 x C=16,520)
1 RMP-0026 HK-1010

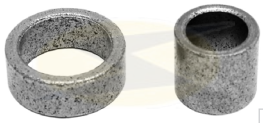
Aplicação / Application: **RENAULT:** Clio 2.0 Sport, Duster 2.0 16V Hi-Flex / Hi-Flex 4x4, Espace 2.0 / Turbo, Fluence 2.0 GT, Laguna 2.0 TCe Grandtour / 2.0i 16V, Mégane 2.0 16V / Cabrio / Grandtour 16V, Scénic 2.0 16V / 2.0i 16V, Trafic 2.0, **TOYOTA:** Corolla

BOSCH Equivalente / Replace — KT-0301-00 STD

Composição / *Composition:*
1 BC1-0094-00 (A=10,015 x B=10,00 x C=14,014)
1 RMP-0026 HK-1010

Aplicação / Application: **MERCEDES BENZ:** Motores Start Stop Cl500, Cl63 5 5 Amg, Cls500 4.7, Cls500 4.7 Matic, Cls 63 5 5 Amg, S500 4.7 Cgi, S500 4.7 Cgi 4 Maic, S 63 5.5 Amg, Sl500 4.7

BOSCH Equivalente / Replace — KT-0302-00 STD



Composição / *Composition:*
1 BC1-0071-00 (A=8,02 x B=9,9 x C=11,06)
1 BC1-0146-00 (A=12,05 x B=6,00 x C=16,01)

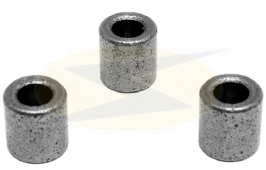
Aplicação / Application: **VOLKSWAGEN:** Fox 1.0 Bluemotion (2013/2014), Up 1.0 Flex 2014

DELCO Equivalente / Replace — KT-0303-00 STD

Composição / *Composition:*
1 BC1-0072-00 (A=7,040 x B=7,00 x C=12,020)
1 BC1-0116-00 (A=6,025 x B=11,50 x C=8,80 x D=16,60 x E=1,90)
RMP-0025 HK 1210

Aplicação / Application: **CHEVROLE-GM:** Agile 1.0/1.4/1.6 (2009-2015), Celta 1.0/1.4/1.6 (2000-2015), Cobalt 1.0/1.4/1.6 (2011-2013), Corsa Classic 1.0/1.4/1.6 (2003-2015), Corsa 1.0/1.4/1.6 (1994-2014), Montana 1.0/1.4/1.6 (2007-2013), Novo Corsa 1.0/1.4/1.6 (2007-2014), Pick-up Corsa 1.0/1.4/1.6 (1995-2002), Prisma 1.0/1.4/1.6 (2006-2014), Onix 1.0 E 1.4 SPE/4

BOSCH Equivalente / Replace — KT-0304-00 STD

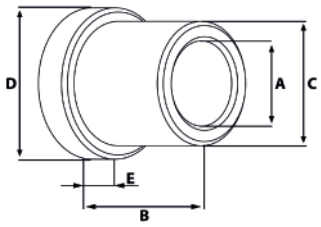


Composição / *Composition:*
3 BC1-0211-00 (A=5,06 x B=9,40 x C=9,00)

Aplicação / Application: **MERCEDES-BENZ:** MOTORES START STOP CL500, CL63 5 5 AMG, CLS500, CLS 63 5 5 AMG, S500, S 63 5.5 AMG, SL500 4.7, SL 63 5.5 AMG, SLK55 5.5 AMG, 710, 709, 712, L 608 D, LO 608 D, L 708 E, LO 708 E, LO 809 / 812 / 814, 912, 914, 917, L 1114, L 1117, L 1118, LA 1113, LA 1117, LPO 1113, 1214 C, L 1214, L 1218, L 1313, L 1313 A, L 1314, L 1316, L 1316 A, L 1317, L 1318, LA 1313, LS 1313 A, L 1414, L 1418, L 1420, L 1513, L 1516, L 1517, L 1518, LA 1513, LS 1518, L 1614 / 18 / 20 / 21, 1714 K, 1718, 1718 A, 1718 K, 1720, 1721 S, 1722 S, 1723, O 362, O 364, O 365, O 371, OF 1113 / 1114 / 1313 / 1115 / 1314 / 1315 / 1721 / 812, OH 1313 / 1314 / 1315 / 1315 G / 1316 / 1318 / 1420 / 1421 L / 1621 LE / 1621 LG / 1623 LG, 1620, 1621, **TOYOTA:** Bandeirante, **VOLKSWAGEN:**12.170 BT, 13.170, 13.190, 14.170 BT, 15.170, 15.190, 16.170 BT, 16.200, 17.210, **FORD:** Cargo C 814 / 815 / 1215 / 1217 / 1415 / 1417 / 1421 / 1617 / 1621 / 1721, F 4000, **FIAT:** Uno, Mobi, Argo, **HONDA:** New Fit (2015 ->), New City (2015 ->), New Civic (2012 ->), CRV (2012 ->), **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



BOSCH Equivalente / Replace — KT-0305-00 STD

Composição / *Composition:*
3 RMP-0043 HK 0509

Aplicação / Application: **MERCEDES-BENZ:** MOTORES START STOP CL500, CL63 5 5 AMG, CLS500, CLS 63 5 5 AMG, S500, S 63 5.5 AMG, SL500 4.7, SL 63 5.5 AMG, SLK55 5.5 AMG, 710, 709, 712, L 608 D, LO 608 D, L 708 E, LO 708 E, LO 809 / 812 / 814, 912, 914, 917, L 1114, L 1117, L 1118, LA 1113, LA 1117, LPO 1113, 1214 C, L 1214, L 1218, L 1313, L 1313 A, L 1314, L 1316, L 1316 A, L 1317, L 1318, LA 1313, LS 1313 A, L 1414, L 1418, L 1420, L 1513, L 1516, L 1517, L 1518, LA 1513, LS 1518, L 1614, L 1618, L 1620, L 1621, 1714 K, 1718, 1718 A, 1718 K, 1720, 1721 S, 1722 S, 1722 S, 1723, O 362, O 364, O 365, O 371, OF 1113 / 1114 / 1313 / 1115 / 1314 / 1315 / 1721 / 812, OH 1313 / 1314 / 1315 / 1315 G / 1316 / 1318 / 1420 / 1421 L / 1621 LE / 1621 LG / 1623 LG, 1620, 1621, **TOYOTA:** Bandeirante, **VOLKSWAGEN:**12.170 BT, 13.170, 13.190, 14.170 BT, 15.170, 15.190, 16.170 BT, 16.200, 17.210, **FORD:** Cargo C 814 / 815 / 1215 / 1217 / 1415 / 1417 / 1421 / 1617 / 1621 / 1721, F 4000, **FIAT:** Uno, Mobi, Argo, **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

BOSCH Equivalente / Replace — KT-0306-00 STD

Composição / *Composition:*
1 BC1-0045-00 (A=18,015 x B=6,50 x C=22,115)
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0146-00 (A=12,05 x B=6,00 x C=16,01)

Aplicação / Application: **FIAT:** Argo, Novo Uno, Mobi 1.0, Toro, **JEEP:** Renegade Flex 1.8

PRESTOLITE Equivalente / Replace — KT-0307-00 STD

Composição / *Composition:*
1 BC1-0053-00 (A=11,215 x B=13,50 x C=14,325)
1 BC1-0056-00 (A=10,050 x B=13,80 x C=13,040)
1 BC1-0057-00 (A=21,840 x B=11,90 x C=25,890)
RMP-0012 / Rol. 6004 2RS C3

Aplicação / Application: **JOHN DEERE:** 7185J, 7205, 7180, 6180

MAGNETI MARELLI Equivalente / Replace — KT-0308-00 STD

Composição / *Composition:*
5 BC1-0211-00 (A=5,060 x B=9,40 x C=9,00)

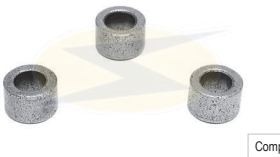
Aplicação / Application: **FIAT:** Ducato 2.8 Diesel

MITSUBISHI Equivalente / Replace — KT-0310-00 STD

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,9)
1 BC1-0126-00 (A=8,020 x B=7,50 x C=12,02)
1 BC1-0155-00 (A=19,00 x B=5,90 x C=21,50)

Aplicação / Application: **NISSAN:** March

NIPODENSO Equivalente / Replace — KT-0309-00 STD



Composição / *Composition:*
3 BC1-0213-00 (A=6,060 x B=6,50 x C=10,015)

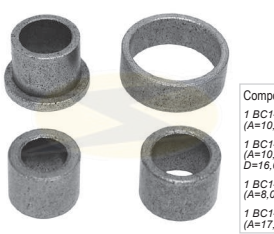
Aplicação / Application: **VOLKSWAGEN:** Up, Gol G6, Voyage G6, **JEEP:** Wrangler 3.8L V6 (2007-2011)

BOSCH Equivalente / Replace — KT-0312-00 STD

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0063-00 (A=18,015 x B= 8,00 x C=18,015)
1 BC1-0071-00 (A=8,020 x B=9,90 x C=11,060)
1 BC1-0133-00 (A=12,010 x B=10,00 x C=16,040)

Aplicação / Application: **BMW:** 316 1.6 G (1995-1997), 316 1.6 i (1988-1997), 318 1.8 i (1987-1995), 318 1.8 iS (1989-1995), 318 1.8 Ti (1994-1995), 518 1.8 i (1989-1996), 520 2.0 i (1991-1996), 520 2.0 i 24V (1989-1995), 525 2.5 i (1991-1997), 525 2.5 i 24V (1989-1995), 525 2.5 iX 24V 4x4 (1992-1995), 525 2.5 iX 4x4 (1992-1997), **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

MITSUBISHI Equivalente / Replace — KT-0311-00 STD

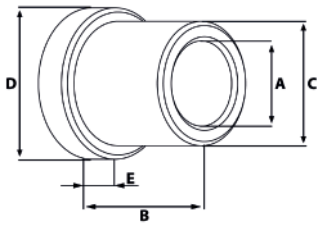


Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0118-00 (A=10,015 x B=11,90 x C=13,10 x D=16,60 x E=1,9)
1 BC1-0162-00 (A=8,00 x B=9,90 x C=12,50)
1 BC1-0167-00 (A=17,50 x B=7,30 x C=20,80)

Aplicação / Application: **RENAULT:** Sandero (2018), Logan 2018, **NISSAN:** Versa, **FIAT:** Toro, **JEEP:** Compass 2.4, **FORD:** Fusion 3.0L V6 (2010), **MERCURY:** Milan 3.0L V6 (2010)

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*

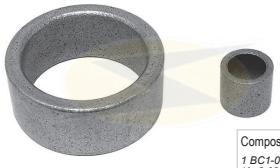


BOSCH Equivalente / Replace — KT-0313-00 STD

Composição / *Composition:*
1 BC1-0051-00 (A=10,060 x B=10,00 x C=14,014)
1 BC1-0063-00 (A=18,015 x B= 8,00 x C=18,015)
1 BC1-0071-00 (A=8,020 x B=9,900 x C=11,060)
1 RMP-0025

Aplicação / Application: **BMW:** 316 1.6 G (1995-1997), 316 1.6 i (1988-1997), 318 1.8 i (1987-1995), 318 1.8 iS (1989-1995), 318 1.8 Ti (1994-1995), 518 1.8 i (1989-1996), 520 2.0 i (1991-1996), 520 2.0 i 24V (1989-1995), 525 2.5 i (1991-1997), 525 2.5 i 24V (1989-1995), 525 2.5 iX 24V 4x4 (1992-1995), 525 2.5 iX 4x4 (1992-1997), **PORSCHE:** Panamera 3.0 D (2011->), Panamera 3.0 S (2013->), Panamera 3.0 S Hybrid (2011->), Panamera 3.6 (2010->), Panamera 3.6 4 (2010->), Panamera 4.8 4S (2009->), Panamera 4.8 GTS (2012->), Panamera 4.8 S (2009->), Panamera 4.8 T (2009->), Panamera 4.8 T S (2011->)

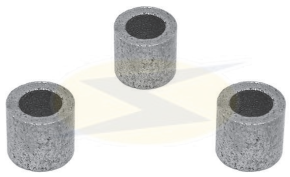
VALEO Equivalente / Replace — KT-0314-00 STD



Composição / *Composition:*
1 BC1-0071-00 (A=8,020 x B=9,900 x C=11,060)
1 BC1-0106-00 (A=26,020 x B=13,70 x C=33,02)

Aplicação / Application: **AUDI:** A2 1.6 FSi (2002-2005), **SEAT:** Cordoba 1.2 / 1.4 16V (2002->), Cordoba 1.6 (2003->), Ibiza 1.2 (2002->), Ibiza 1.4 16V (2004-2007), Ibiza 1.6 (2003->), **SKODA:** Fabia 1.2 (2001->), Fabia 1.2 Praktik (2003->), Fabia 1.4 16V (1999->), Fabia 1.4 Praktik (2004-2007), **VW:** Bora 1.6 (2002-2005), Fox 1.2 (2005-2010), Fox 1.4 (2005->), Lupo 1.6 GTi (2000-2005), New Beetle 1.4 (2001-2010), Polo 1.2 (2001->), Polo 1.4 (2001-2003), Polo 1.4 16V (2001->), Polo 1.4 FSi (2002->),Fox, Golf, **RENAULT:** Sandero,

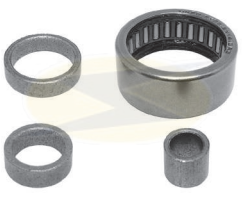
BOSCH Equivalente / Replace — KT-0315-00 STD



Composição / *Composition:*
3 BC1-0129-00 (A=5,060 x B=7,500 x C=8,020)

Aplicação / Application: **FIAT:** Doblò 1.8 MPi 16V Flex / Adventure Locker 1.8 MPi 16V Flex, Grand Siena 1.6 Flex / Dualogic, Idea 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex / Adventure 1.8 16V Flex, Palio 1.6 16V Flex / Dualogic / 1.6 MPi 16V Flex / Adventure 1.8 16V Flex / Weekend 1.6 Flex, Punto 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex, Siena 1.6 MPi 16V Flex, Strada 1.6 Flex / 1.8 MPi 16V Flex, Strada Adventure 1.8 Flex / Locker 1.8 MPi 16V Flex, Bravo, Linea, **TOYOTA:** Corolla 1.8 / 2.0

BOSCH Equivalente / Replace — KT-0316-00 STD



Composição / *Composition:*
1 BC1-0071-00 (A=8,02 x B=9,90 x C=11,06)
1 BC1-0074-00 (A=18,015 x B=5,70 x C=22,115)
1 BC1-0206-00 (A=12,56 x B=6,100 x C=16,52)
1 RMP-0044

Aplicação / Application: **FIAT:** Doblò 1.8 MPi 16V Flex / Adventure Locker 1.8 MPi 16V Flex, Grand Siena 1.6 Flex / Dualogic, Idea 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex / Adventure 1.8 16V Flex, Palio 1.6 16V Flex / Dualogic / 1.6 MPi 16V Flex / Adventure 1.8 16V Flex / Weekend 1.6 Flex, Punto 1.4 Flex / 1.6 16V Flex / 1.8 16V Flex, Siena 1.6 MPi 16V Flex, Strada 1.6 Flex / 1.8 MPi 16V Flex, Strada Adventure 1.8 Flex / Locker 1.8 MPi 16V Flex, Bravo, Linea

DELCO Equivalente / Replace — KT-0317-00 STD

Composição / *Composition:*
1 BC1-0116-00 (A=6,025 x B=11,50 x C=8,800 x D= 10,700 x E= 2,90)
1 RMP-0025(HK1210)

Aplicação / Application: **HYUNDAI:** Vera Cruz

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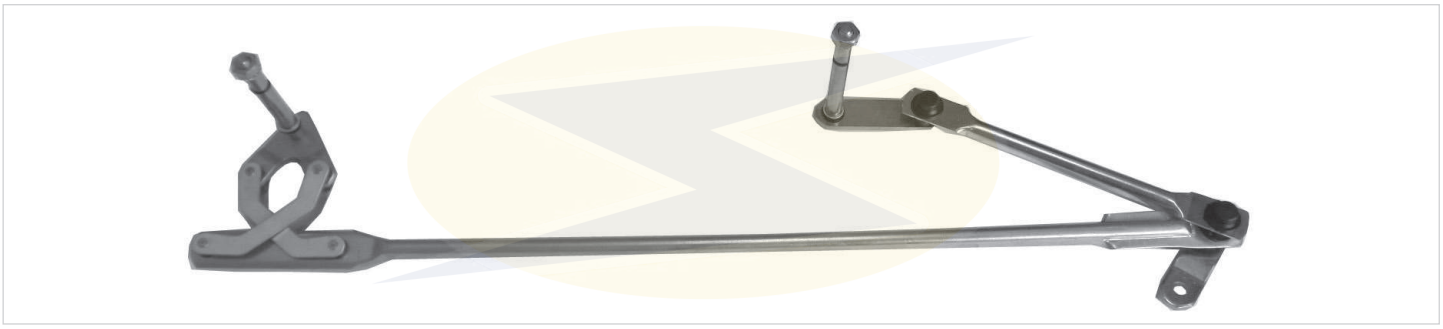
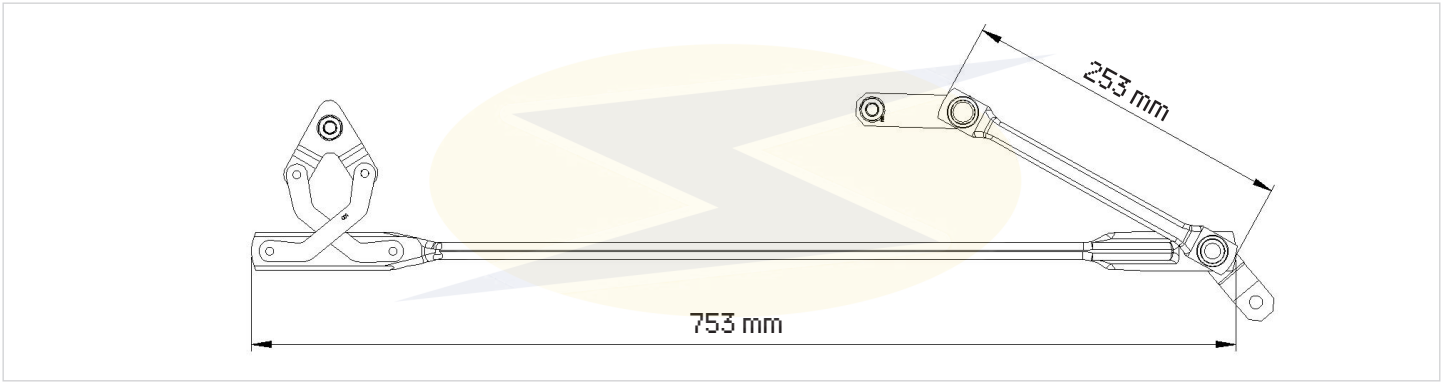
LP-0001 — Conjunto Completo / *Complete Part*

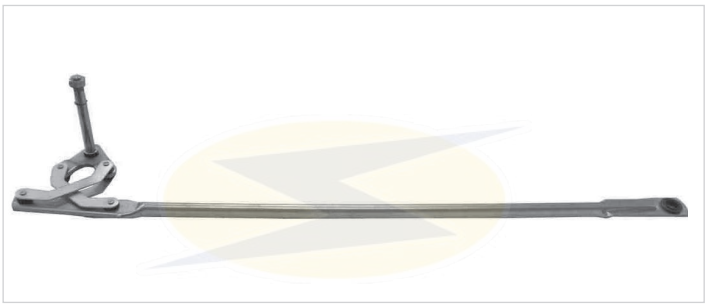




Aplicação / Application: **MBB:** (Cara Chata) 1938s, 1944s (1998→), Atego E Axor (→2006)
Lp-0001-01 Também Aplica / Also Applies In **VOLVO:** Nh (1999→)

LP-0001 : Reparos | Repairs

LP-0001-01 — **Barra Longa** / Long Arm



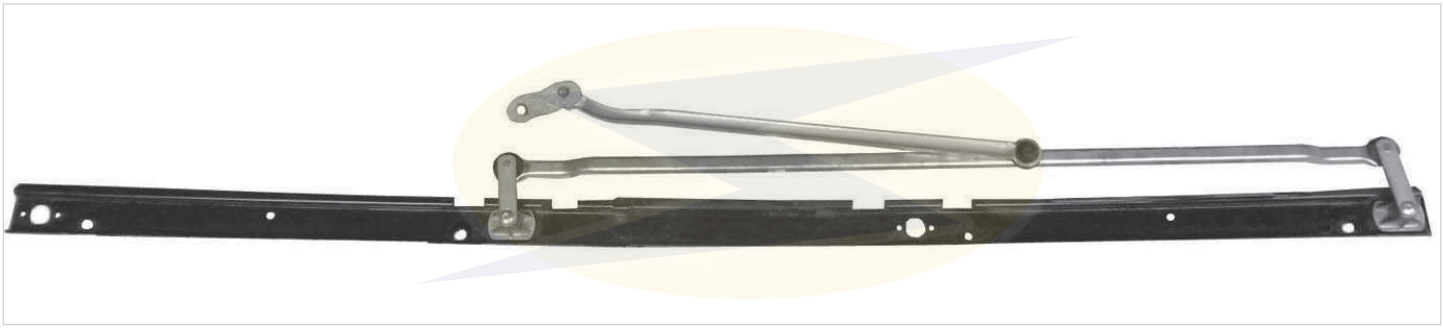
LP-0001-02 — **Barra Curta** / Short Arm

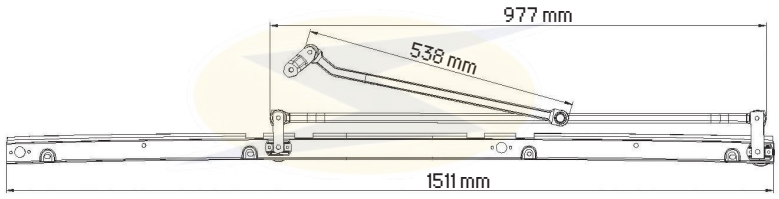
LP-0001-03 — **Pivô** / Pivot

LP-0001-04 — **Manivela** / Crank Arm

LP-0002

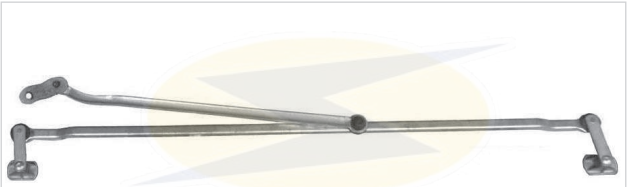
Conjunto Completo / *Complete Part*





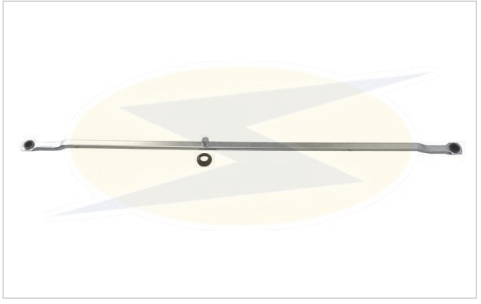
LP-0002 : Reparos | Repairs

LP-0002SS **Conjunto sem suporte** / Set without Bracket



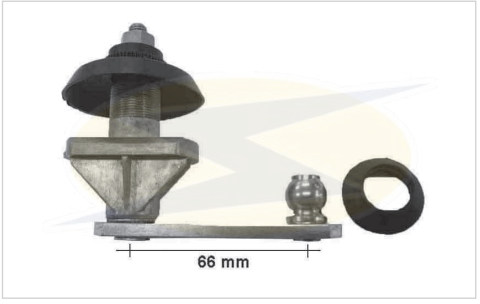
Aplicação / Application: **MBB:** LS 1938 (1997→), 1942, 2219 (Lado Esquerdo Do Motor) / Left Side Motor

LP-0002-01 **Barra Longa** / Long Arm



LP-0022-02 **Barra Curta** / Short Arm

LP-0002-03 **Pivô Longo** / Long Pivot



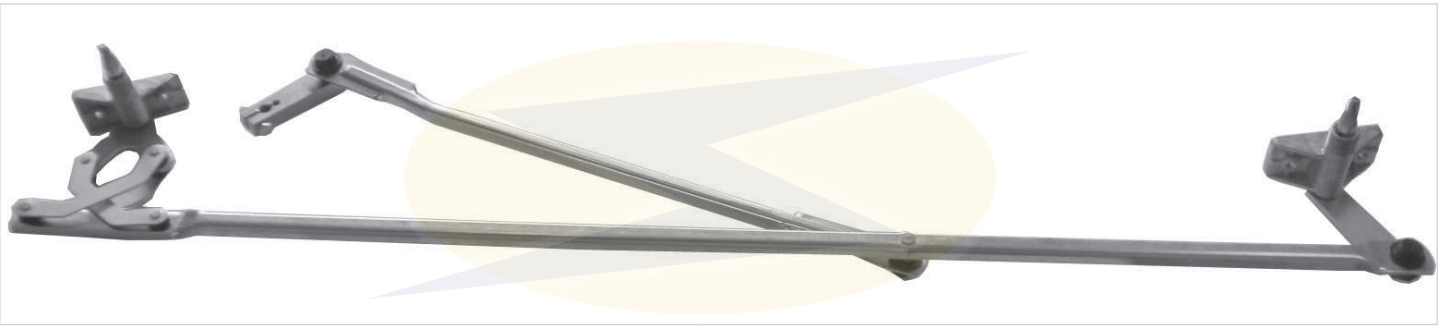
LP-0002-04 **Pivô Curto** / Short Pivot

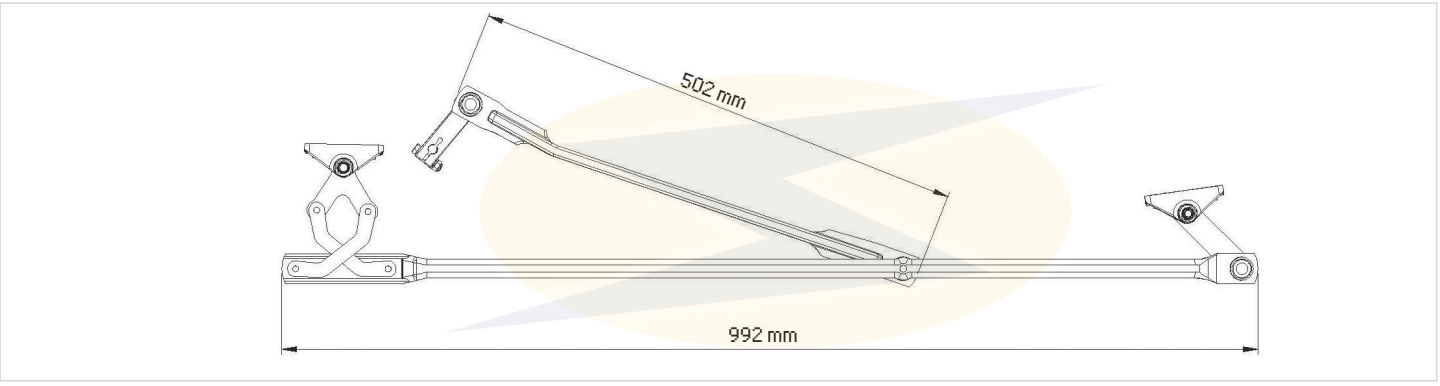
LP-0022-05 **Manivela** / Crank Arm

LP-0002-06 **Suporte do Conjunto** / Bracket Set

LP-0003

Conjunto Completo / *Complete Part*

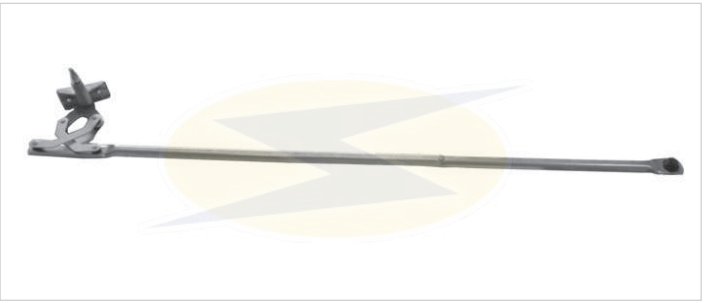




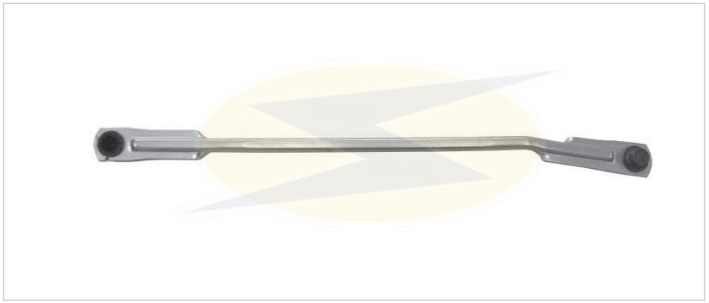
Aplicação / Application: **SCANIA:** T113, T143 (1993→), R113, R143 (1991→)

LP-0003 : Reparos | Repairs

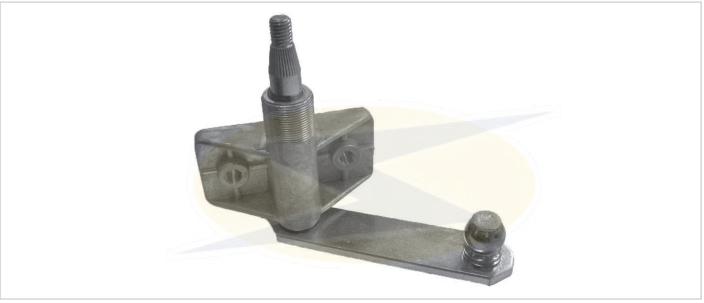
LP-0003-01 — **Barra Longa** / Long Arm



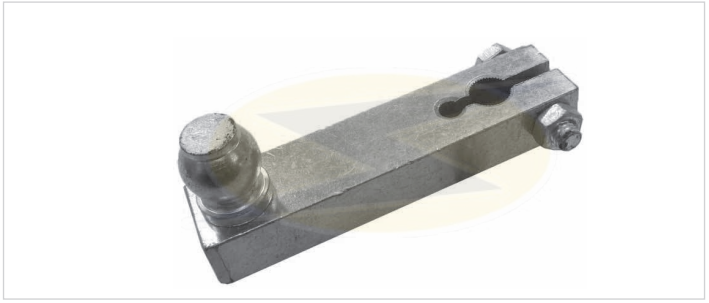
LP-0003-02 — **Barra Curta** / Short Arm



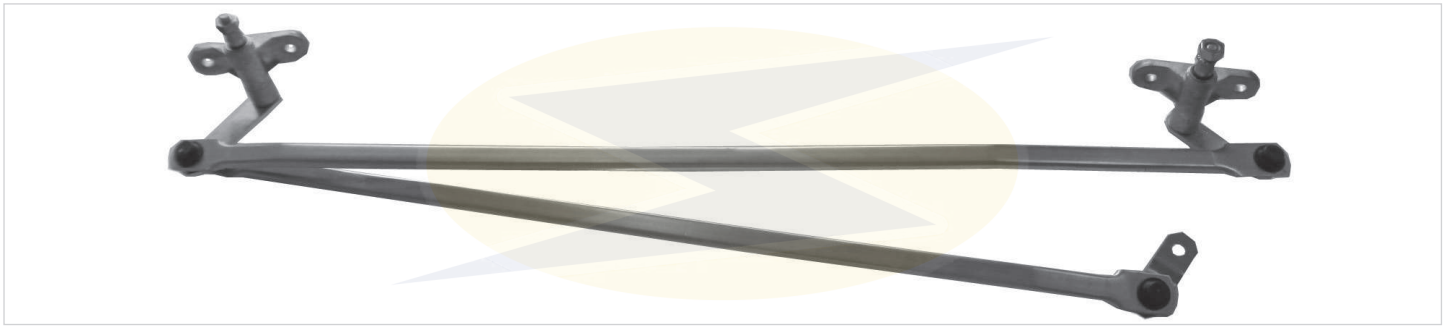
LP-0003-03 — **Pivô** / Pivot

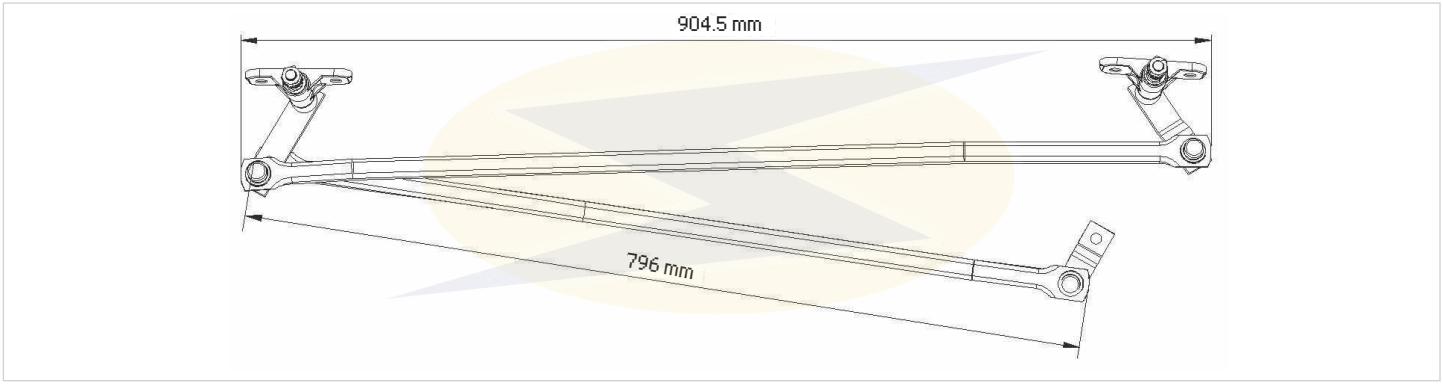


LP-0003-04 — **Manivela** / Crank Arm



LP-0004 — Conjunto Completo / *Complete Part*

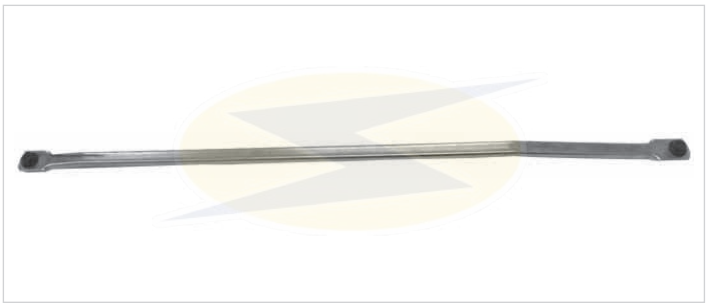




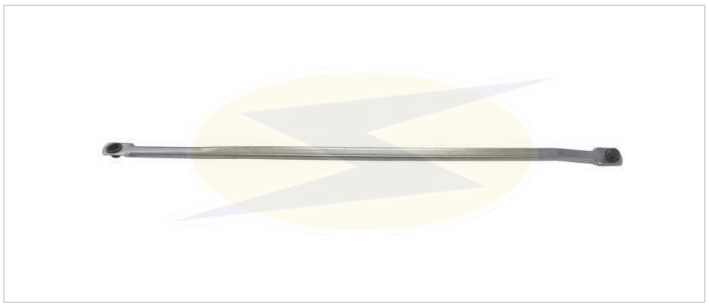
Aplicação / Application: **SCANIA:** Série 4 (1998→)

LP-0004: Reparos | Repairs

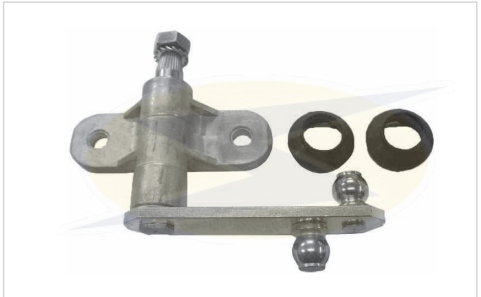
LP-0004-01 — **Barra Longa** / Long Arm



LP-0004-02 — **Barra Curta** / Short Arm



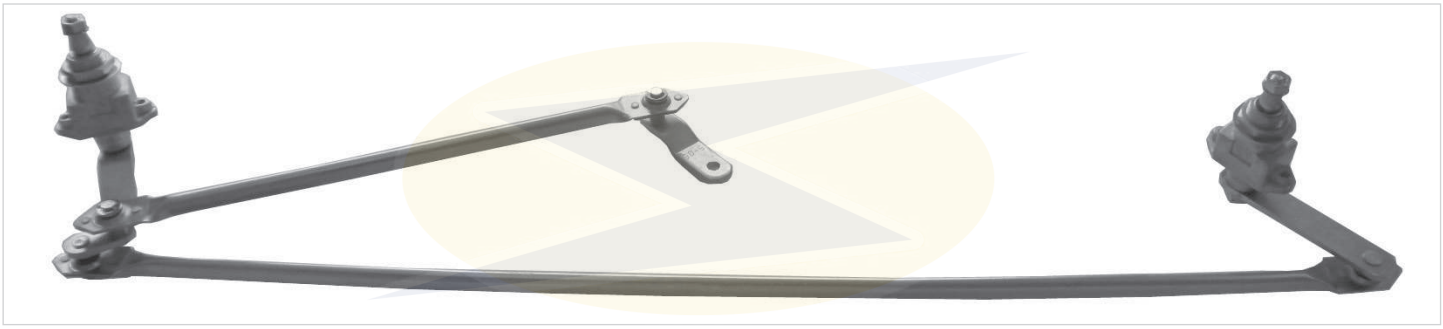
LP-0004-03 — **Pivô Longo** / Long Pivot

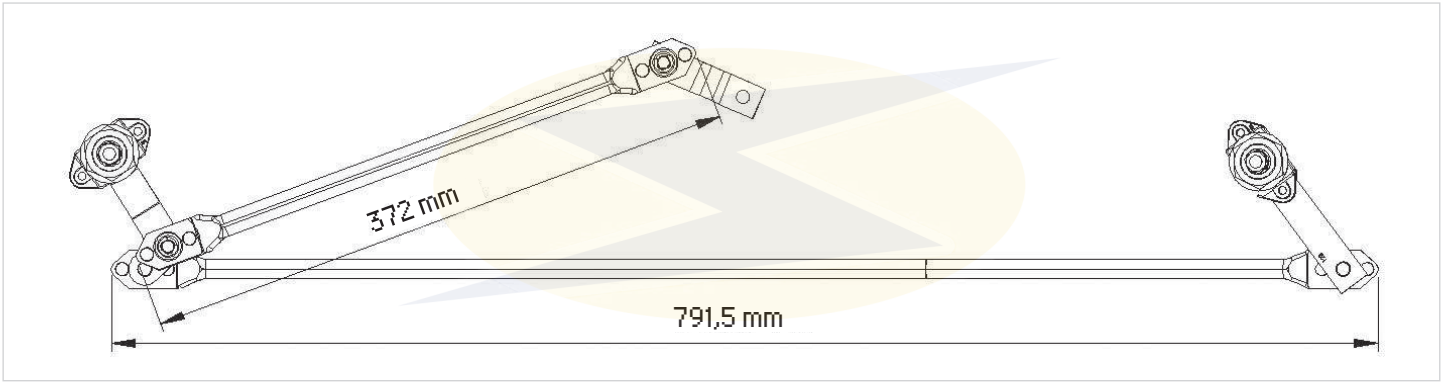


LP-0004-04 — **Pivô Curto** / Short Pivot

LP-0004-05 — **Manivela** / Crank Arm

LP-0005 — Conjunto Completo / *Complete Part*

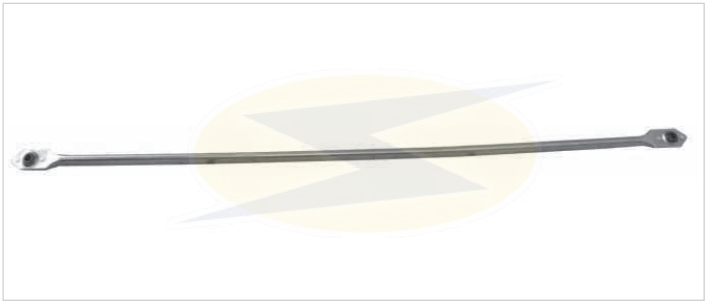




Aplicação / Application: **FORD:** Cargo (Todos) / *(All)* (2011)

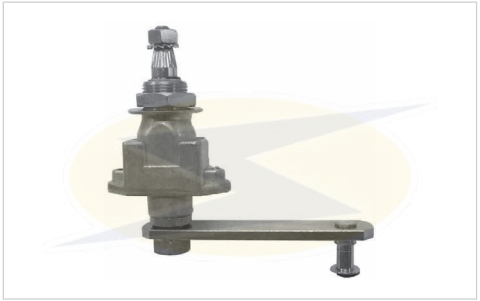
LP-0005: Reparos | Repairs

LP-0005-01 — **Barra Longa** / Long Arm



LP-0005-02 — **Barra Curta** / Short Arm

LP-0005-03 — **Pivô Longo** / Long Pivot

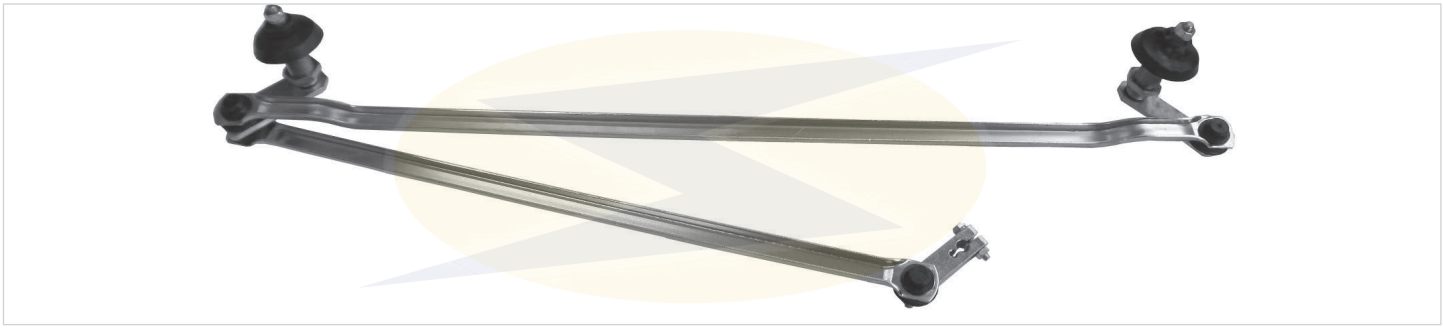


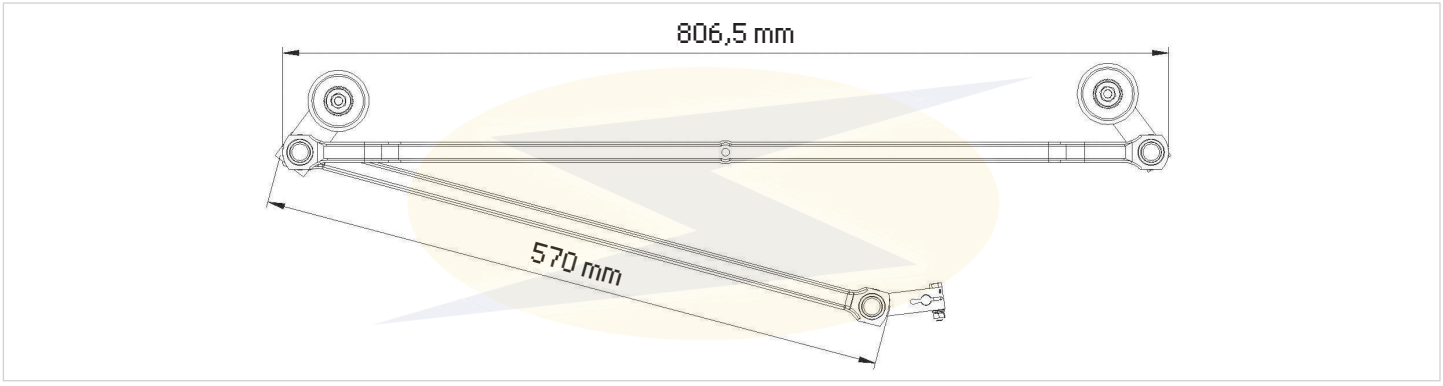
LP-0005-04 — **Pivô Curto** / Short Pivot

LP-0005-05 — **Manivela** / Crank Arm

LP-0006

Conjunto Completo / *Complete Part*

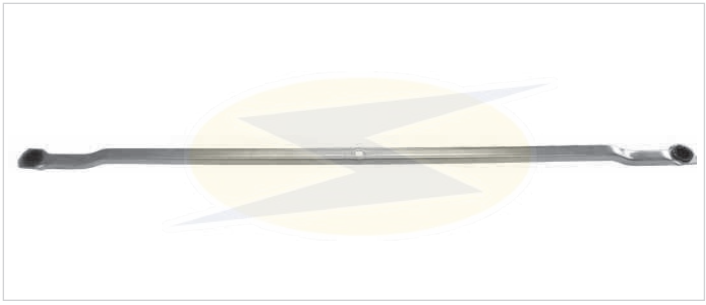




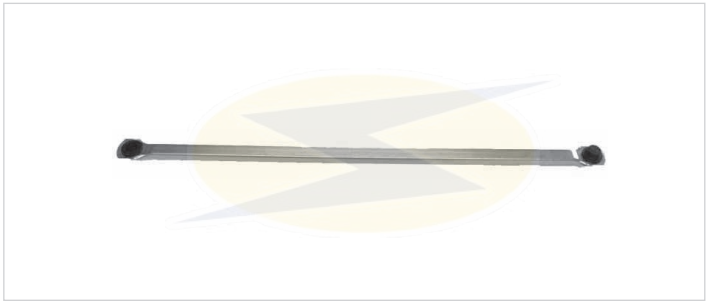
Aplicação / Application: **MBB:** 709, 710, 711, 712, 914, 1114, 1620, Cara Chata, Série L (1988→)
(Lado Direito Do Motor / Right Side Motor)

LP-0006: Reparos | Repairs

LP-0006-01 **Barra Longa** / Long Arm



LP-0006-02 **Barra Curta** / Short Arm

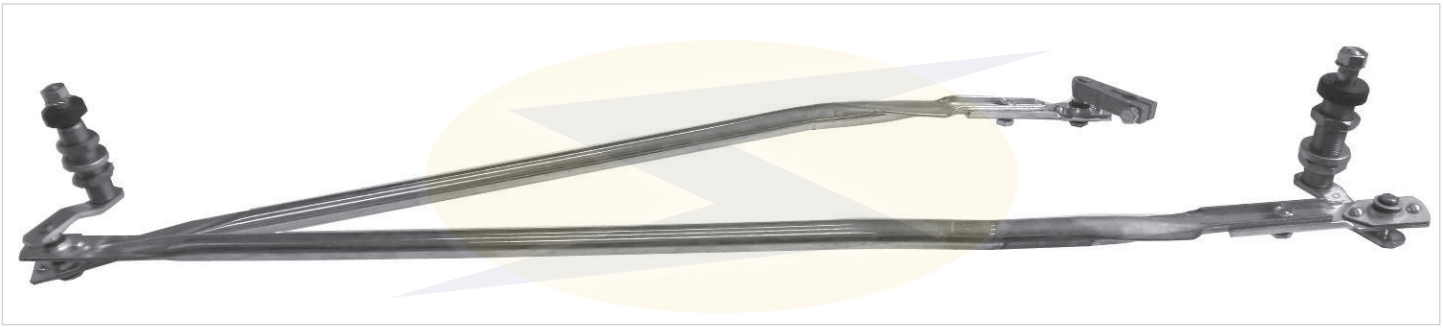


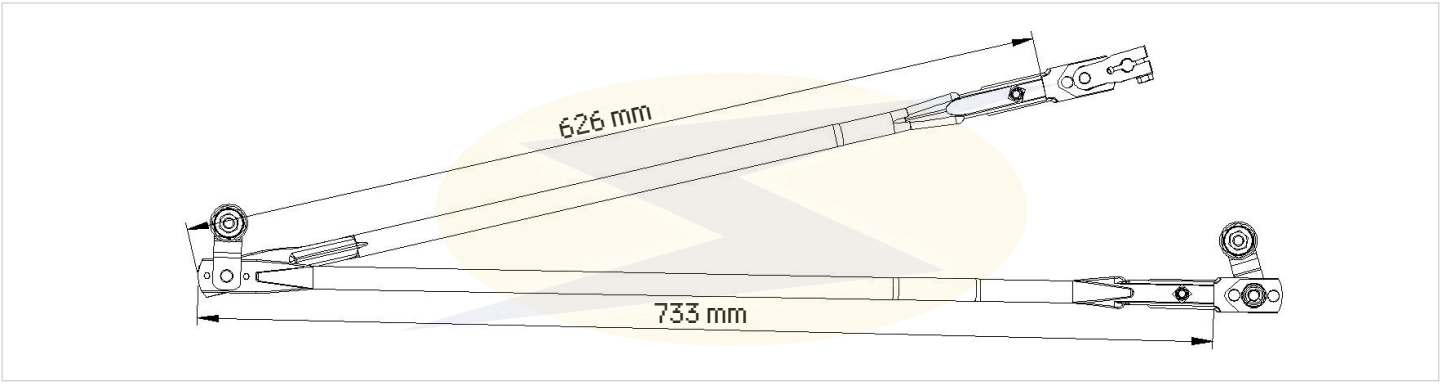
LP-0006-03 **Pivô Longo** / Long Pivot

LP-0006-04 **Pivô Curto** / Short Pivot

LP-0006-05 **Manivela** / Crank Arm

LP-0007 — Conjunto Completo / *Complete Part*

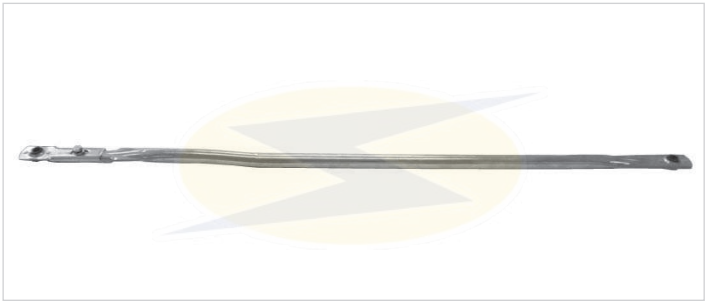




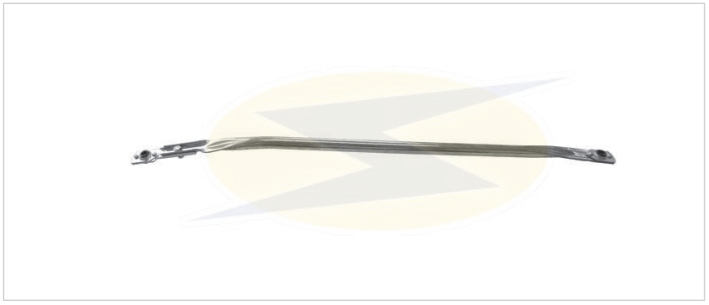
Aplicação / Application: **MBB:** L-608, L-708 (→1988)

LP-0007: Reparos / Repairs

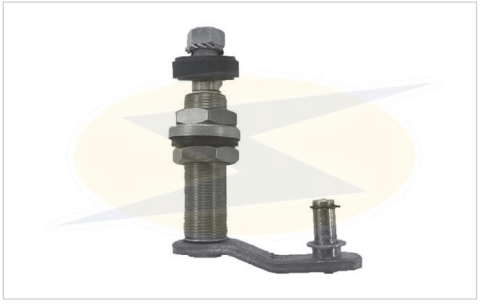
LP-0007-01 — **Barra Longa** / Long Arm



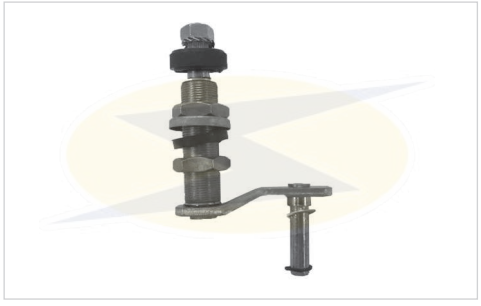
LP-0007-02 — **Barra Curta** / Short Arm



LP-0007-03 — **Pivô Esquerdo** / Left Pivot



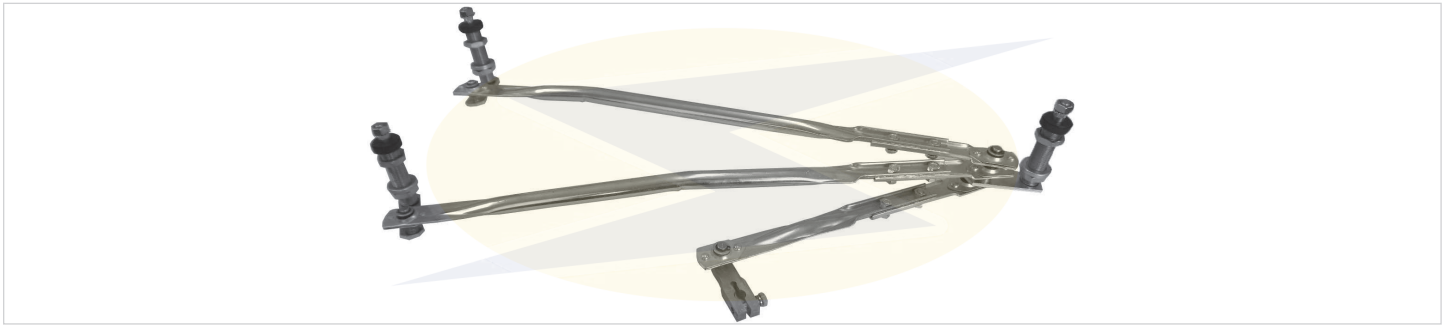
LP-0007-04 — **Pivô Direito**/ Right Pivot

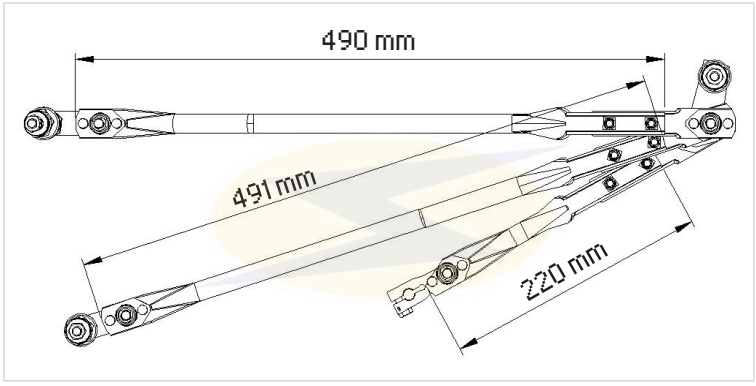


LP-0007-05 — **Manivela** / Crank Arm

LP-0008

Conjunto Completo / *Complete Part*





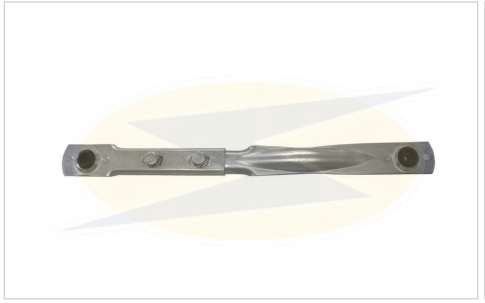
LP-0008: Reparos | Repairs

LP-0008-01 **Barra Longa** / Long Arm

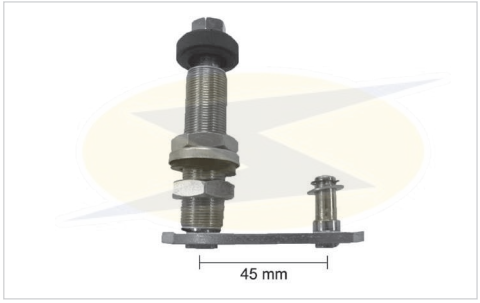
Aplicação / Application: **MBB:** 3 Limpadores / Wipers (1975→1988)

LP-0008-02 **Barra Média** / Medium Arm

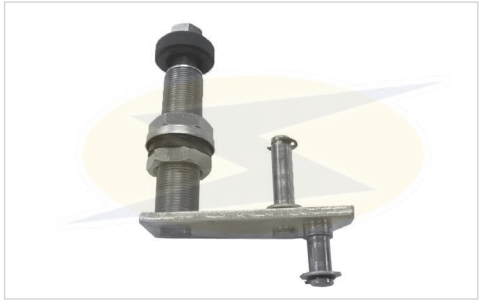
LP-0008-03 **Barra Curta** / Short Arm



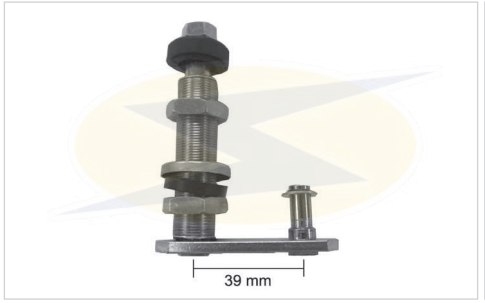
LP-0008-04 **Pivô Esquerdo** / Left Pivot



LP-0008-05 **Pivô Central** / Center Pivot

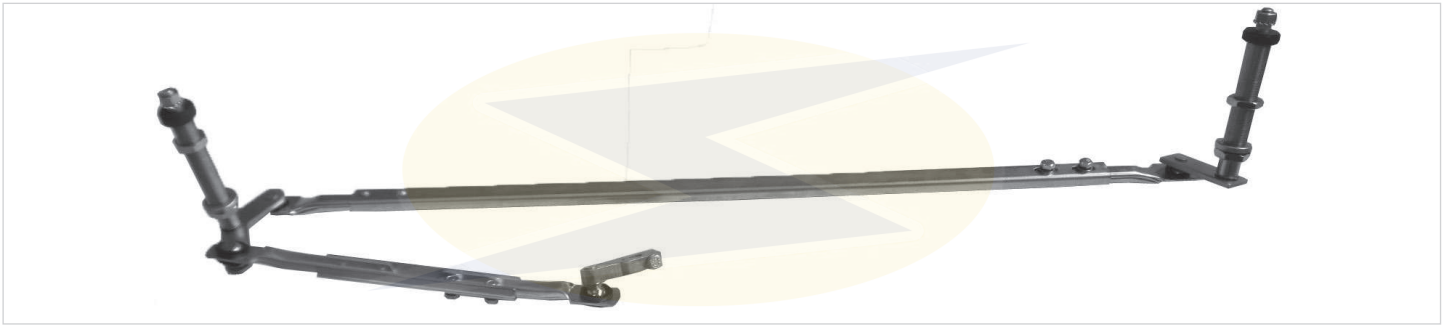


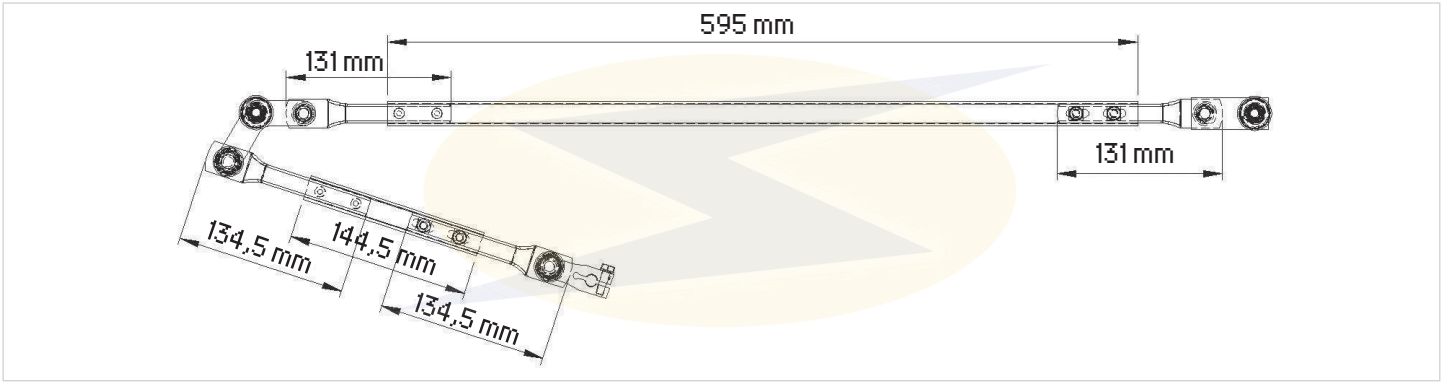
LP-0008-06 **Pivô Direito** / Right Pivot



LP-0008-07 **Manivela** / Crank Arm

LP-0009 — Conjunto Completo / *Complete Part*

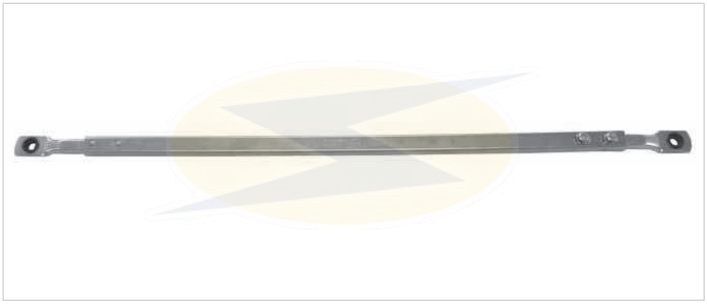




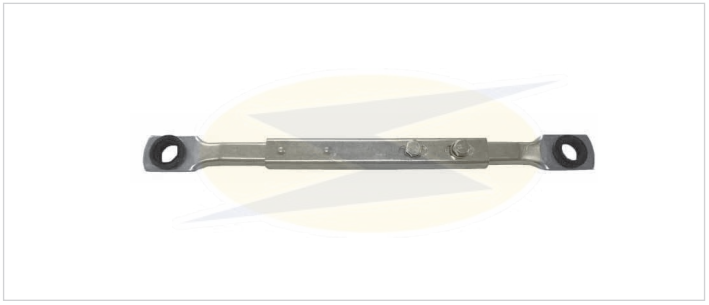
Aplicação / Application: **VOLVO:** N10, 12, NL10, 12 (1981→)

LP-0009: Reparos | Repairs

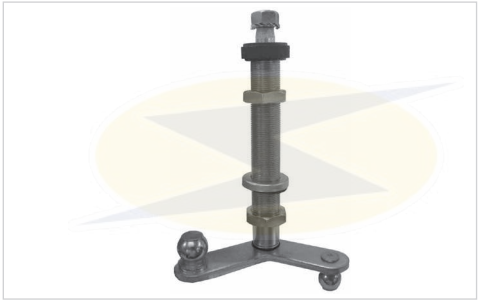
LP-0009-01 — **Barra Longa** / Long Arm



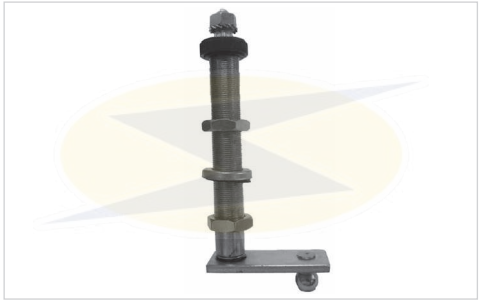
LP-0009-02 — **Barra Curta** / Short Arm



LP-0009-03 — **Terminal "V"** / "V" Link



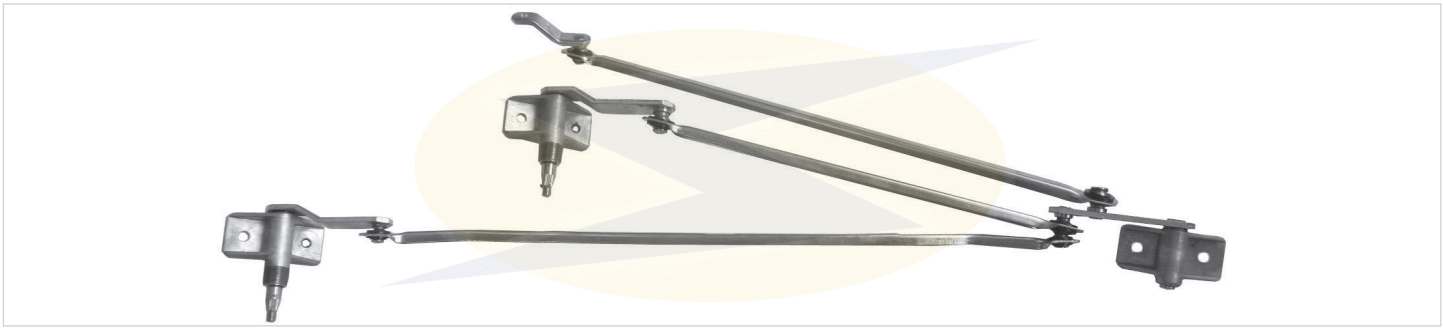
LP-0009-04 — **Terminal** / Link

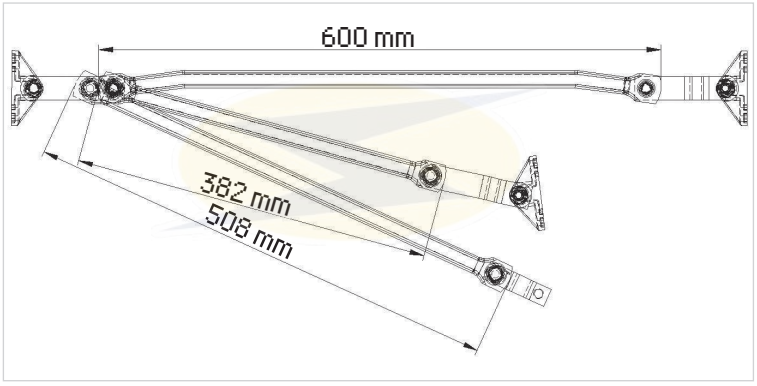


LP-0009-05 — **Manivela** / Crank Arm

LP-0010

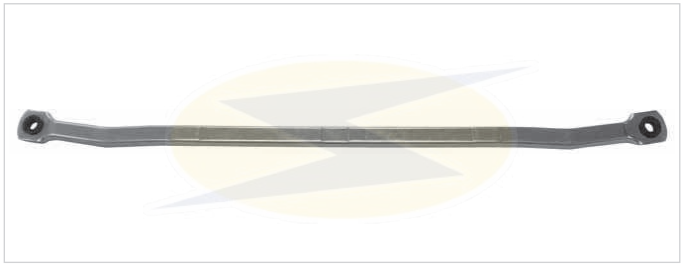
Conjunto Completo / *Complete Part*





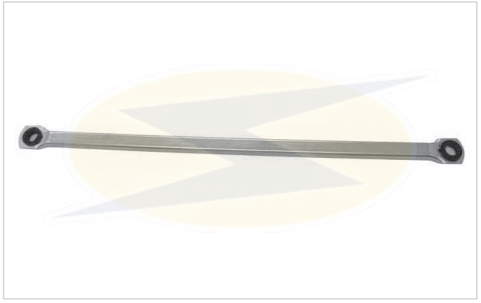
LP-0010: Reparos | Repairs

LP-0010-01 **Barra Longa** / Long Arm



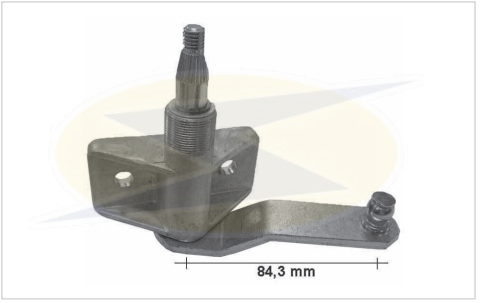
Aplicação / Application: **SCANIA:** T112, T142, R112, R142 (1981→)

LP-0010-02 **Barra Média** / Medium Arm

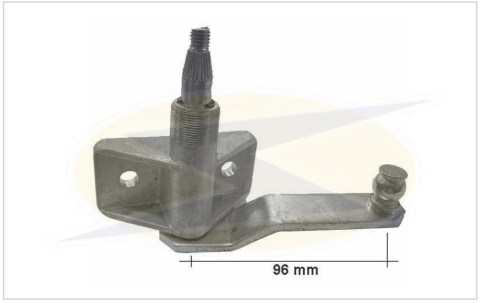


LP-0010-03 **Barra Curta** / Short Arm

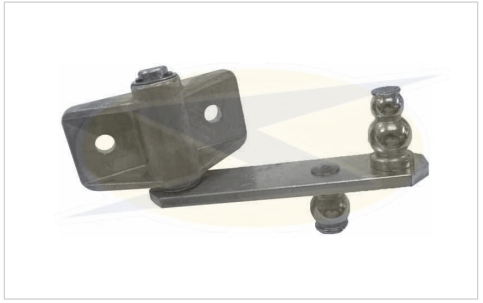
LP-0010-04 **Pivô Curto** / Short Pivot



LP-0010-05 **Pivô Longo** / Long Pivot



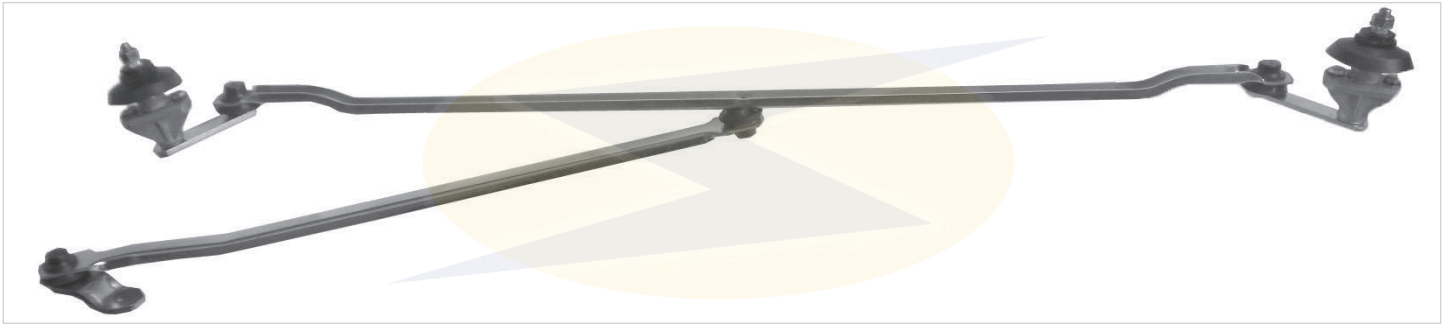
LP-0010-06 **Pivô Duplo** / Double Pivot

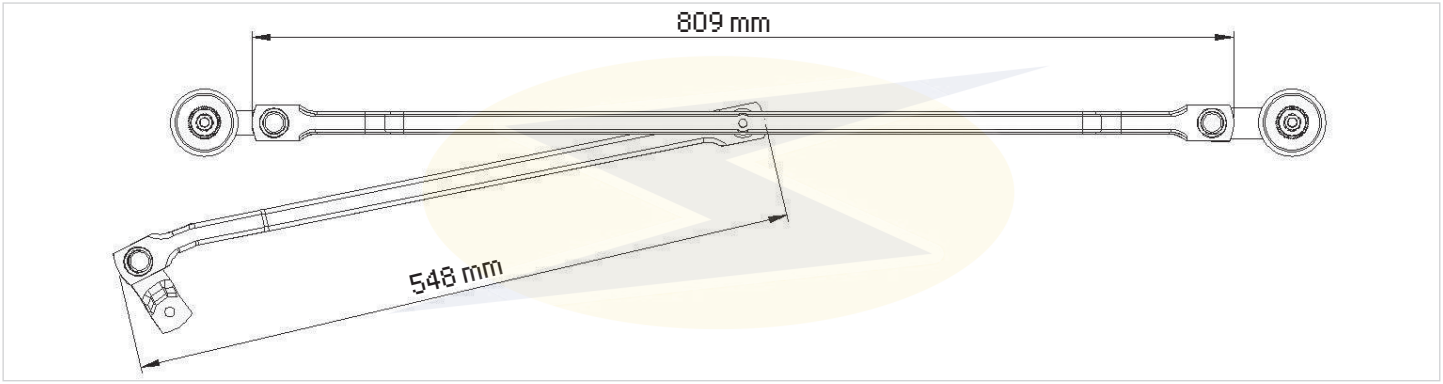


LP-0010-07 **Manivela** / Crank Arm

LP-0011

Conjunto Completo / *Complete Part*

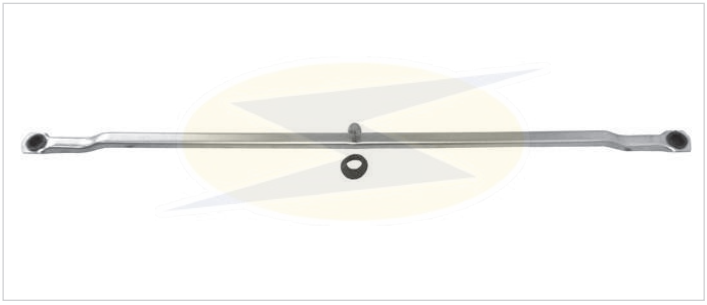




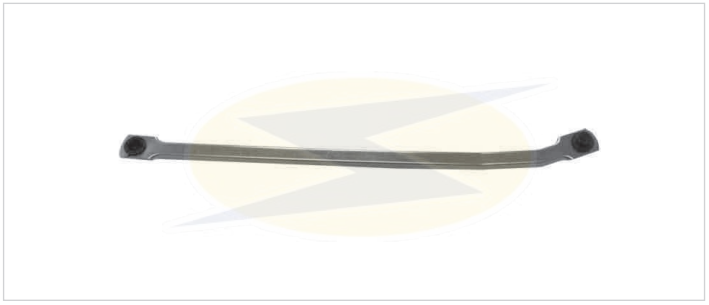
Aplicação / Application: **MBB:** 1218 Bicudo (1997→), 1618 Série L (1998→) - (Lado Esquerdo Do Motor) / (Left Side Motor) Lp-0011-05
Também Aplica Em / Also Applies In MBB: 712c, 914c (1998→), Cara Chata (1997→) (Lado Esquerdo Do Motor) / (Left Side Motor), Série L 1620 (L / La / Lk / Lak / Ls / Lb) (2001→)

LP-0011: Reparos | Repairs

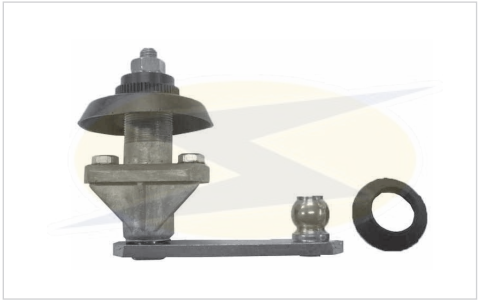
LP-0011-01 **Barra Longa** / Long Arm



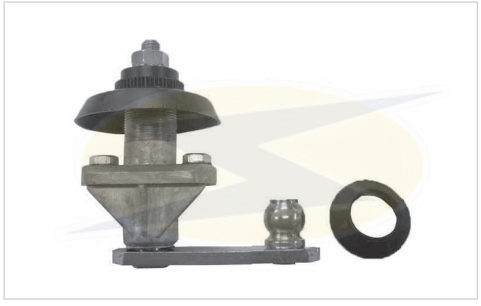
LP-0011-02 **Barra Curta** / Short Arm



LP-0011-03 **Pivô Longo** / Long Pivot



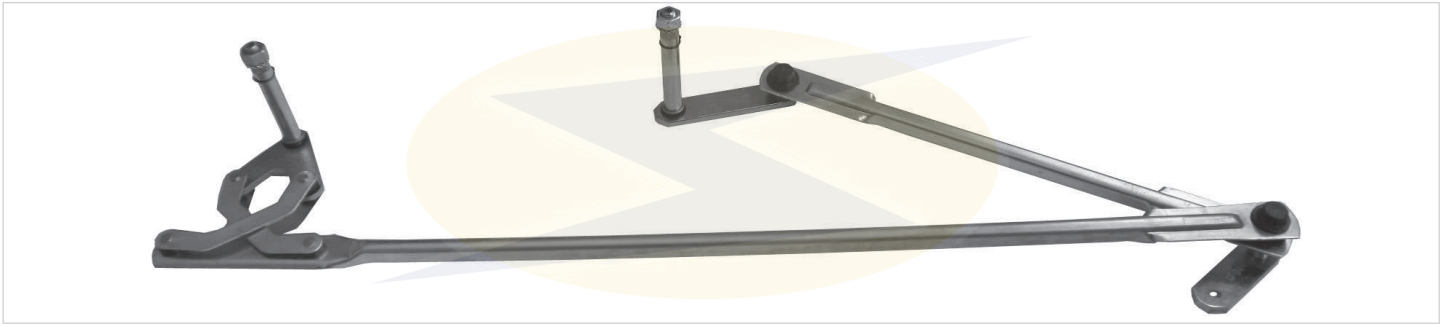
LP-0011-04 **Pivô Curto** / Short Pivot

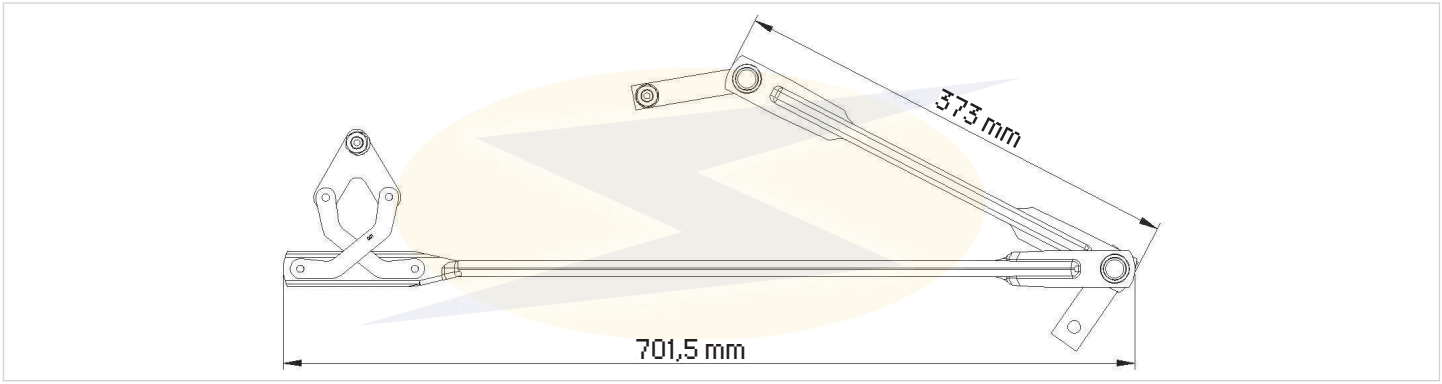


LP-0011-05 **Manivela** / Crank Arm

LP-0013

Conjunto Completo / *Complete Part*

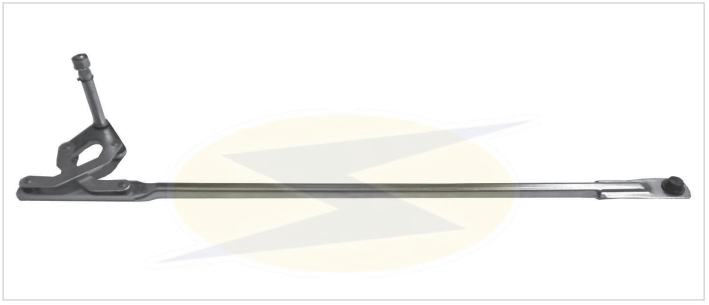




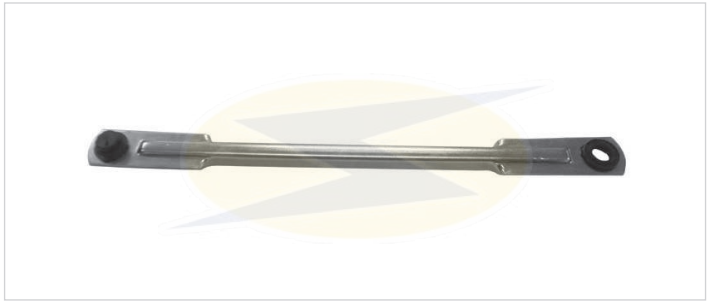
Aplicação / Application: **VOLVO:** NH12, FH12, FM 10, FM 12 (1999→)

LP-0013 : Reparos | Repairs

LP-0012-01 — **Barra Longa** / Long Arm

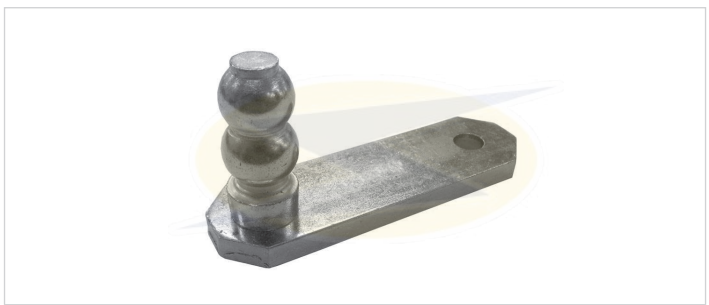


LP-0013-02 — **Barra Curta** / Short Arm

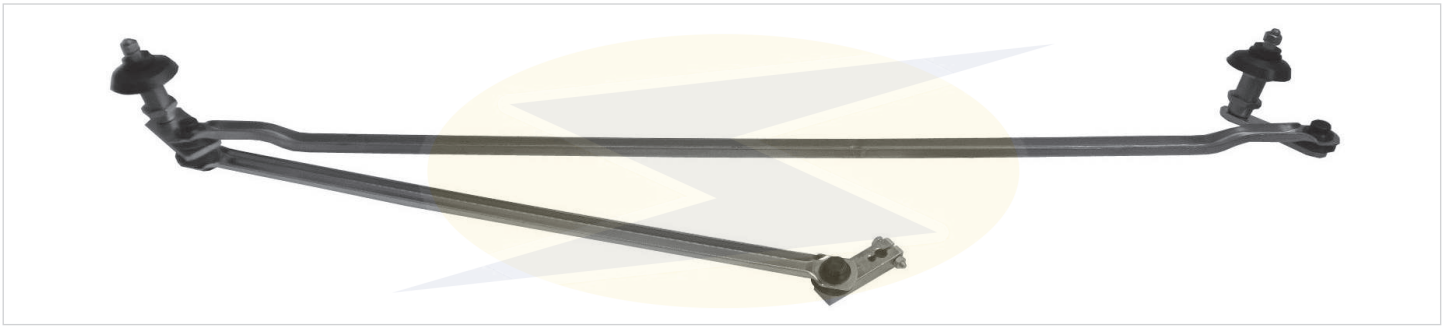


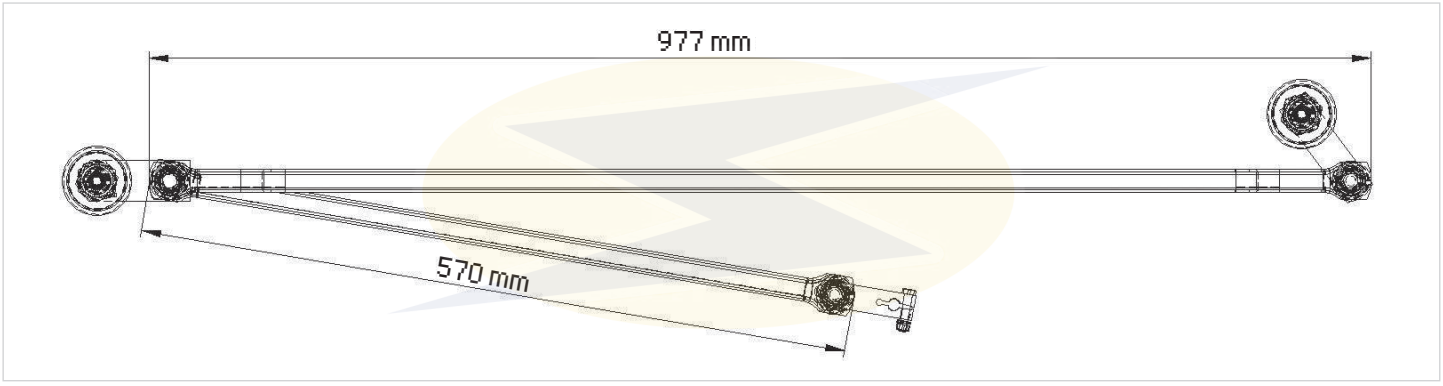
LP-0013-03 — **Pivô** / Pivot

LP-0013-04 — **Manivela** / Crank Arm



LP-0015 — Conjunto Completo / *Complete Part*

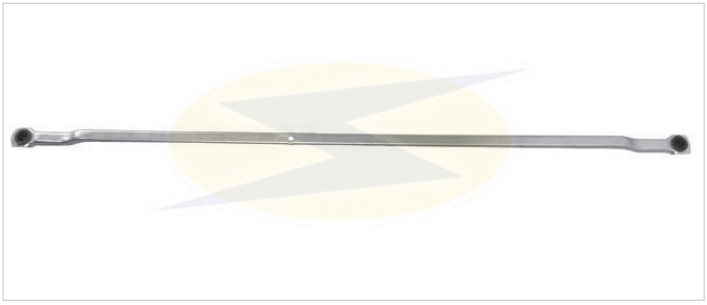




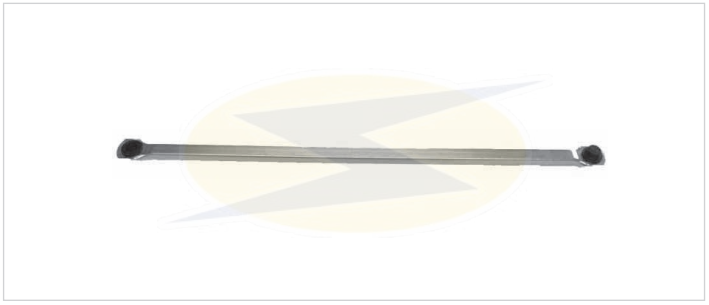
Aplicação / Application: **MBB:** 1935, 1941, Série L (1988→) - (Motor Lado Direito) / (Right Side Motor)

LP-0015: Reparos | Repairs

LP-0015-01 — **Barra Longa** / Long Arm

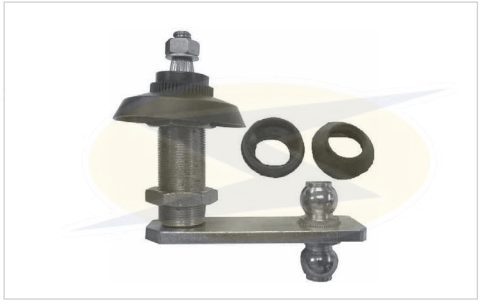


LP-0006-02 — **Barra Curta** / Short Arm



LP-0006-03 — **Pivô Longo** / Long Pivot

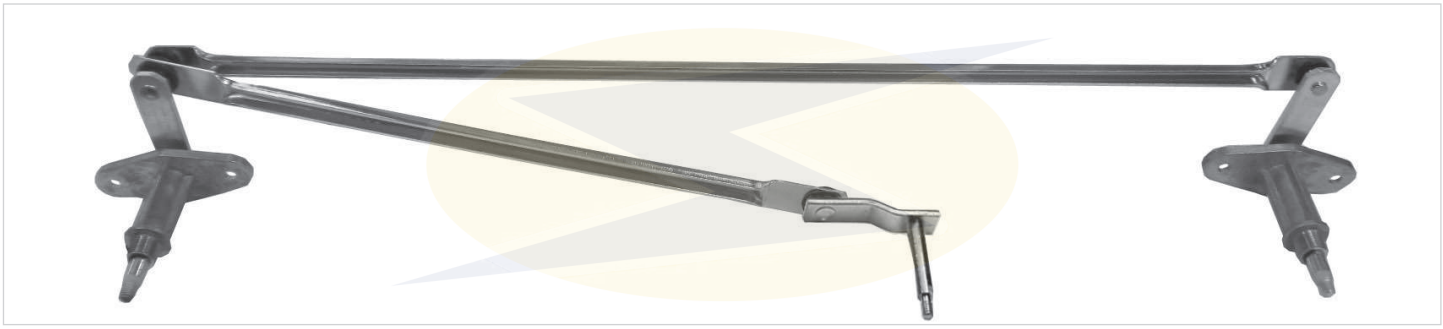
LP-0006-04 — **Pivô Curto** / Short Pivot

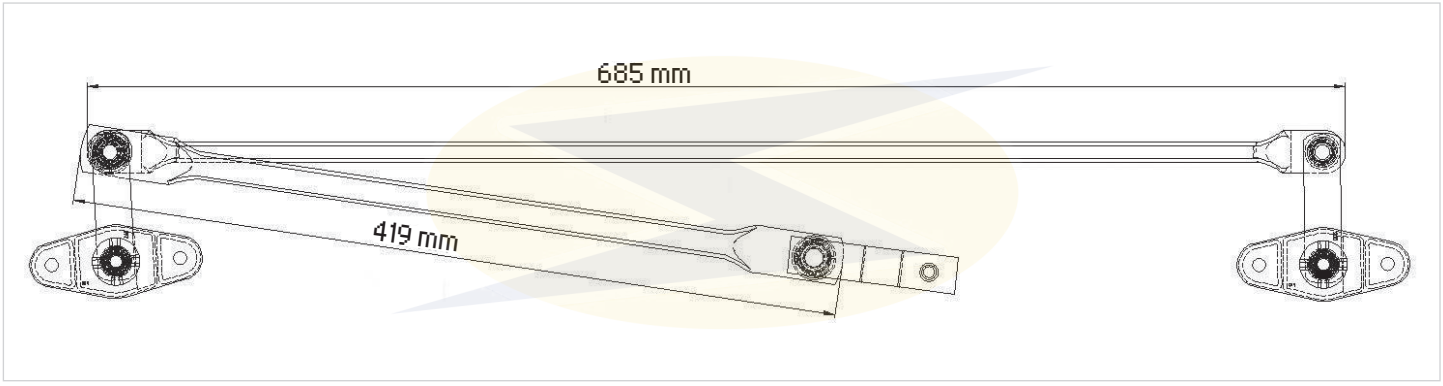


LP-0006-05 — **Manivela** / Crank Arm

LP-0019

Conjunto Completo / *Complete Part*

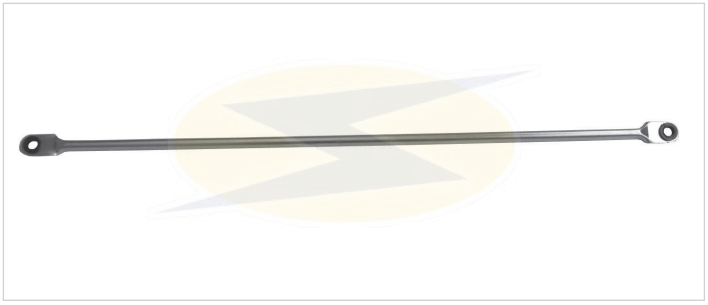




Aplicação / Application: **VW:** 6T, 7T (1982→1992), 11T Á 16T, 22T (1992→2000) Motor WAPSA

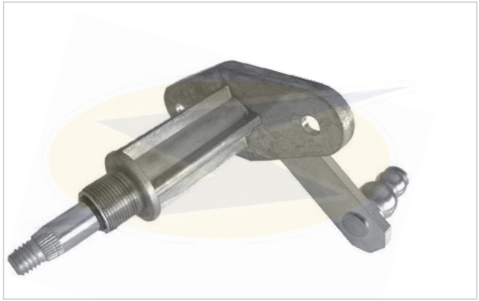
LP-0019: Reparos / Repairs

LP-0019-01 **Barra Longa** / Long Arm

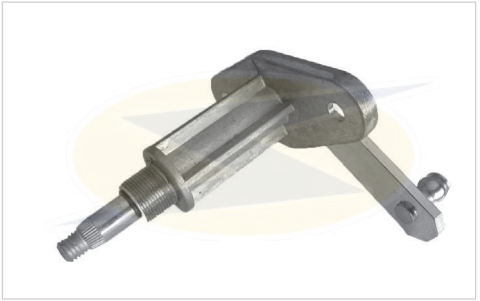


LP-0019-02 **Barra Curta** / Short Arm

LP-0019-03 **Pivô Direito** / Right Pivot



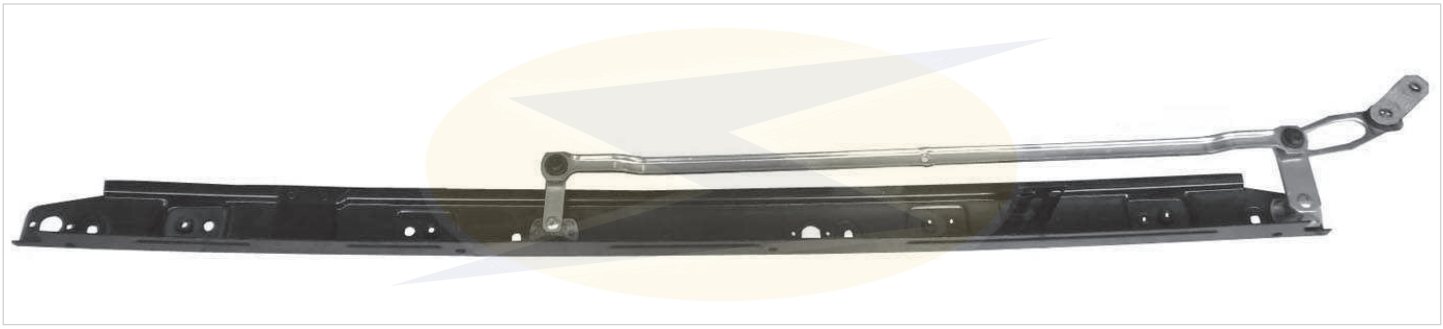
LP-0019-04 **Pivô Esquerdo** / Left Pivot

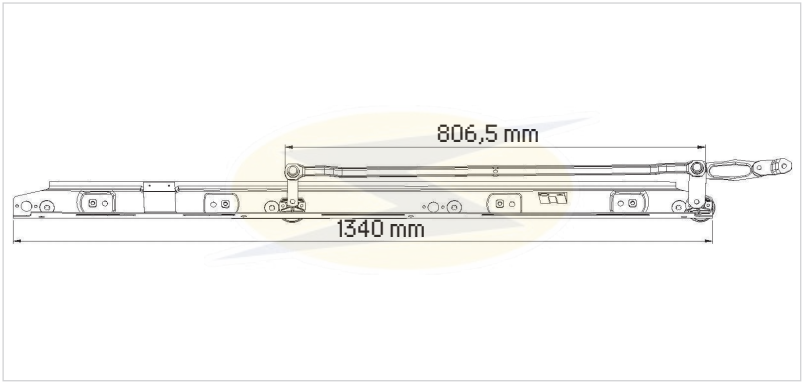


LP-0019-05 **Manivela** / Crank Arm

LP-0021

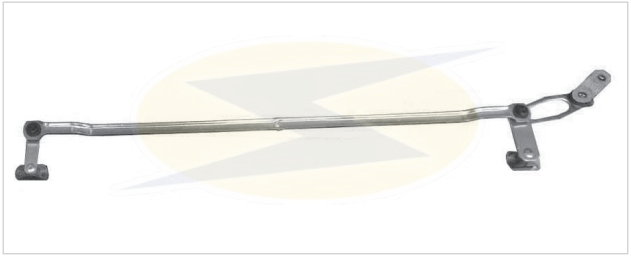
Conjunto Completo / *Complete Part*





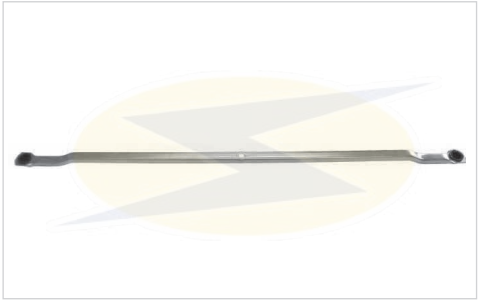
LP-0021 : Reparos | Repairs

LP-0021SS **Conjunto sem suporte** / Part without Bracket Set



Aplicação / Application: **MBB:** 712c, 914c (1998⟶) - Motor Lado Esquerdo / Left Side Motor

LP-0006-01 **Barra Longa** / Long Arm



LP-0021-02 **Barra Curta** / Short Arm

LP-0021-03 **Pivô Duplo** / Double Pivot

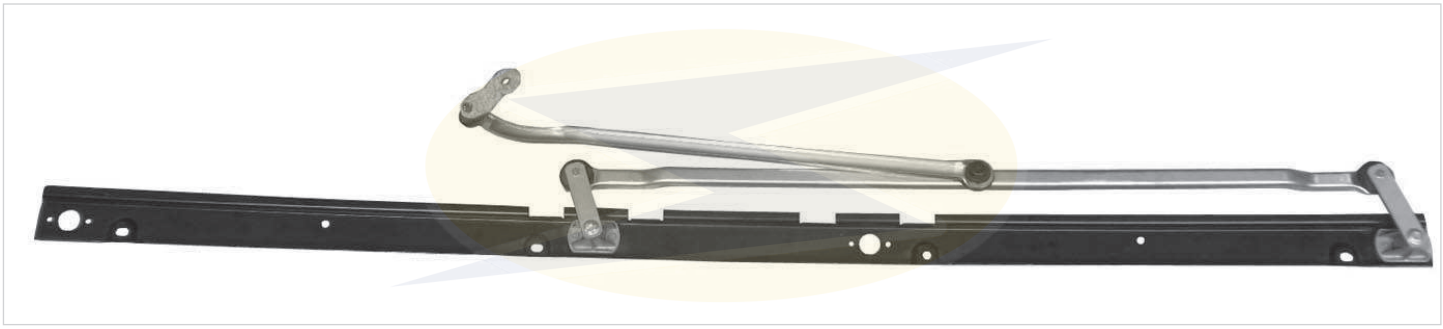
LP-0021-04 **Pivô Curto** / Short Pivot

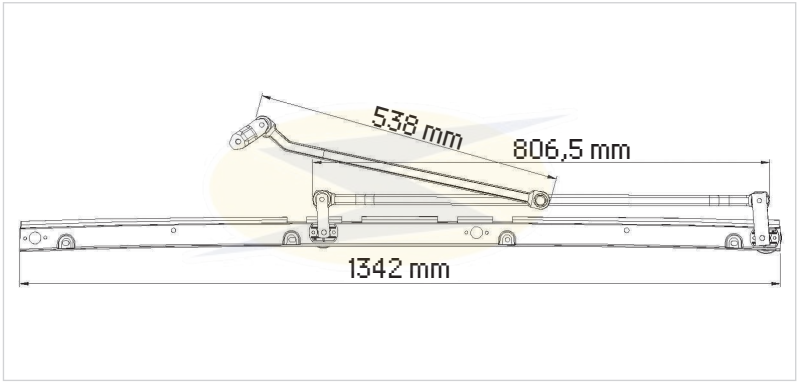
LP-0011-05 **Manivela** / Crank Arm

LP-0021-06 **Suporte do Conjunto** / Bracket Set

LP-0022

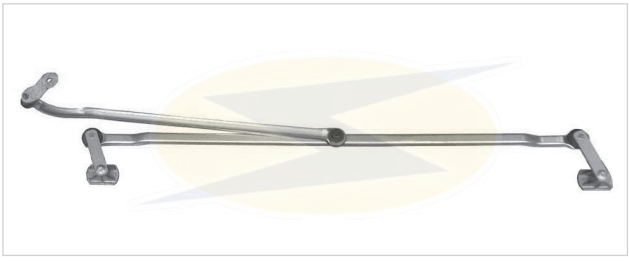
Conjunto Completo / *Complete Part*





LP-0022 : Reparos | Repairs

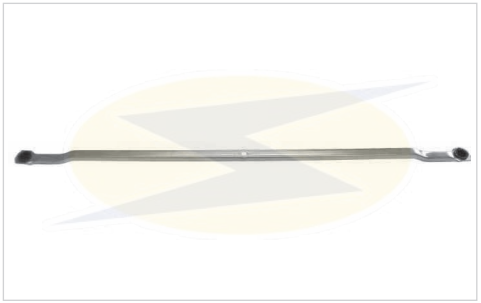
LP-0022SS **Conjunto sem suporte** / Part without Bracket Set



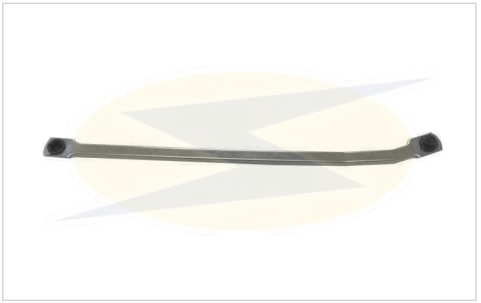
Aplicação / Application: **MBB:** 1618 Serie L (1998→), 1620 (2001→) - Motor Lado Esquerdo / ***Left Side Motor***

LP-0022: Reparos | Repairs

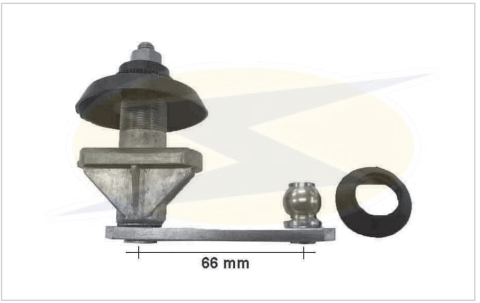
LP-0006-01 **Barra Longa** / Long Arm



LP-0022-02 **Barra Curta** / Short Arm



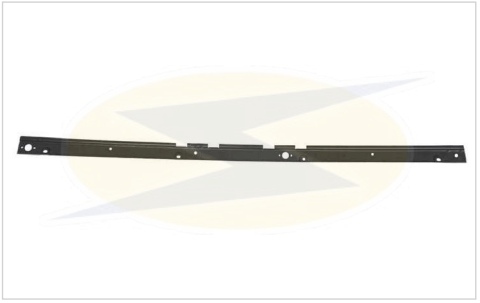
LP-0002-03 **Pivô Longo** / Long Pivot



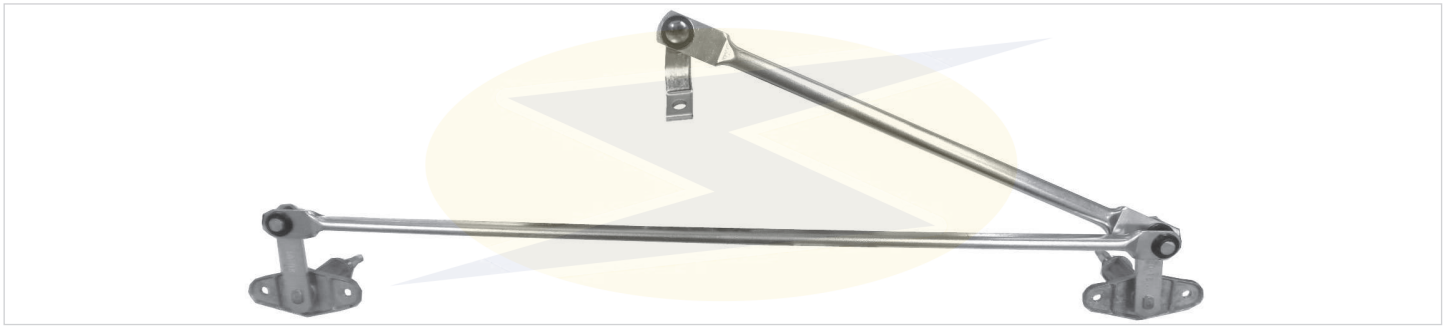
LP-0002-04 **Pivô Curto** / Short Pivot

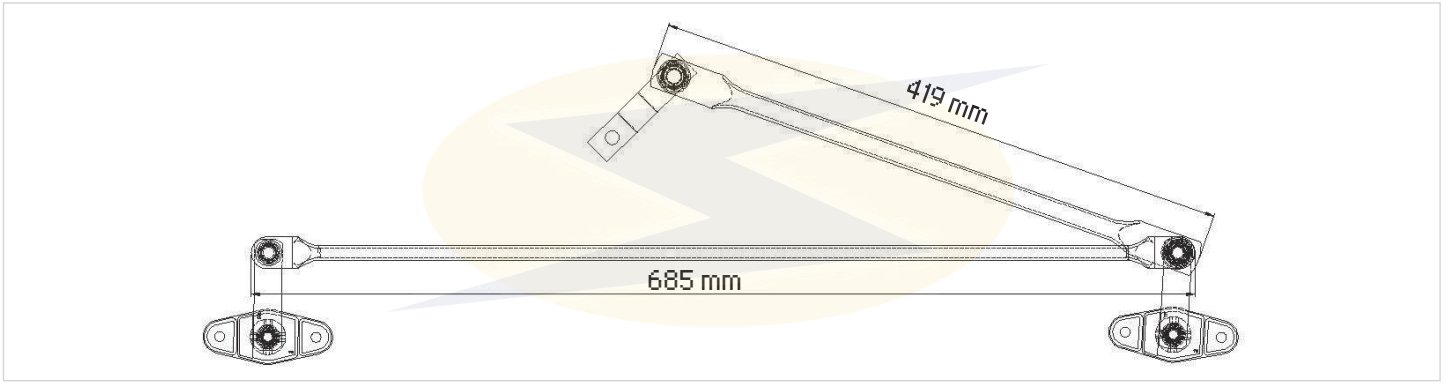
LP-0022-05 **Manivela** / Crank Arm

LP-0022-06 **Suporte do Conjunto** / Bracket Set



LP-0027 — Conjunto Completo / *Complete Part*

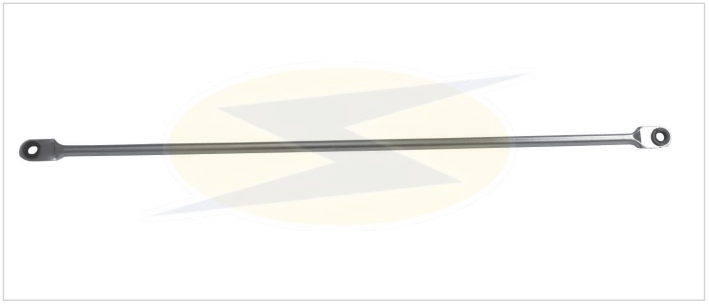




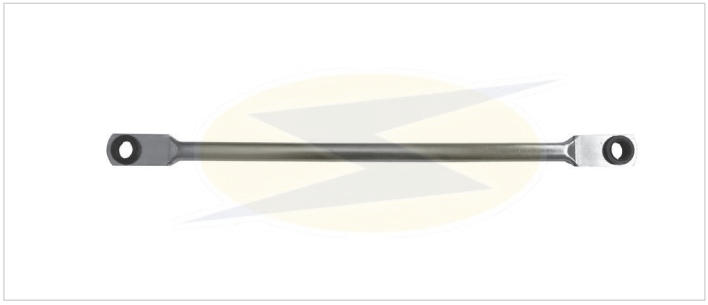
Aplicação / Application: **VW:** 6T, 7T (1982→1992), 11T Á 16T, 22T (1992→2000) Motor BOSCH

LP-0027: Reparos | Repairs

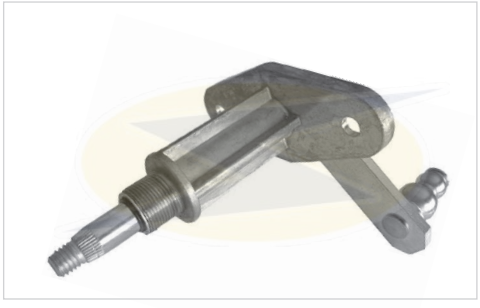
LP-0019-01 — **Barra Longa** / Long Arm



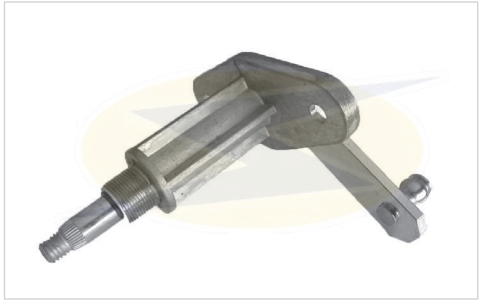
LP-0019-02 — **Barra Curta** / Short Arm



LP-0019-03 — **Pivô Direito** / Right Pivot



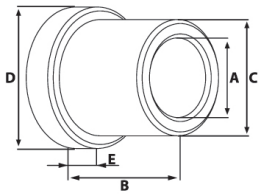
LP-0019-04 — **Pivô Esquerdo** / Left Pivot



LP-0027-05 — **Manivela** / Crank Arm

Legenda:

A: Diametro Interno */ Internal Diameter*
B: Altura */ Height*
C: Diametro Externo */ External Diameter*
D: Diâmetro Flange */ Housing Diameter*
E: Altura Flange */ Housing Height*



A	B	C	D	E	
Ø Int (mm)	Altura / Height (mm)	Ø Ext (mm)	Ø Flange / Ø Housing (mm)	Altura da flange / Housing Height (mm)	Código / Code
4,025	7,000	7,020			BC1-0163-00
5,015	8,500	10,015			BC1-0073-00
5,060	10,400	9,000			BC1-0082-00
5,060	7,500	8,020			BC1-0129-00
5,060	9,400	9,000			BC1-0211-00
5,498	11,000	11,000			BC1-0044-00
6,020	8,300	10,015			BC1-0075-00
6,020	10,000	10,015			BC1-0080-00
6,020	6,900	9,015			BC1-0103-00
6,025	9,900	10,000	13,600	1,900	BC1-0104-00
6,025	11,500	8,800	10,700	2,900	BC1-0116-00
6,050	10,150	9,020			BC1-0076-00
6,060	6,500	10,015			BC1-0213-00
6,105	8,000	10,150			BC1-0114-00
6,130	8,150	10,010			BC1-0169-00
6,310	6,400	9,010			BC1-0098-00
6,905	9,900	12,020			BC1-0102-02
7,040	12,600	12,020			BC1-0070-00
7,040	7,000	12,020			BC1-0072-00
7,040	9,900	12,020			BC1-0102-00
7,040	8,000	10,015			BC1-0125-00
7,880	10,800	10,990			BC1-0055-02
7,970	8,000	11,060			BC1-0039-02
8,000	10,800	10,990			BC1-0055-00
8,000	9,900	12,500			BC1-0162-00
8,000	7,900	12,500			BC1-0166-00
8,020	9,900	11,060			BC1-0071-00
8,020	7,900	11,800			BC1-0105-00
8,020	14,700	13,040			BC1-0122-00
8,020	7,500	12,020			BC1-0126-00
8,050	10,00	12,210			BC1-0203-00
8,050	10,150	11,020	16,00	2,00	BC1-0199-00
8,100	8,000	11,06			BC1-0039-00
8,100	10,300	11,060			BC1-0093-00
8,100	10,400	11,970			BC1-0096-00
8,338	11,000	11,000			BC1-0086-02
8,465	11,000	11,000			BC1-0086-00
8,700	15,900	11,600			BC1-0099-00
9,025	10,900	11,100			BC1-0119-00
9,040	10,000	13,040			BC1-0127-00
9,806	14,000	14,014			BC1-0052-03
9,810	14,800	16,550	18,700	1,500	BC1-0062-03
9,930	13,800	13,040			BC1-0056-02
9,930	14,800	16,550	18,700	1,500	BC1-0062-02
9,933	10,000	14,014			BC1-0051-02
9,933	14,000	14,014			BC1-0052-02
9,943	10,000	14,055			BC1-0037-02
10,000	12,900	14,100			BC1-0135-00
10,000	10,200	15,000			BC1-0148-00
10,015	10,000	14,014			BC1-0094-00
10,015	9,900	16,010			BC1-0107-00
10,015	12,900	15,095			BC1-0108-00
10,015	12,900	14,715			BC1-0111-00
10,015	11,900	13,100	16,600	1,900	BC1-0118-00
10,015	9,000	13,040			BC1-0121-00
10,044	12,500	14,014			BC1-0079-00
10,048	10,000	14,055			BC1-0037-00
10,050	13,800	13,040			BC1-0056-00
10,050	14,800	16,550	18,700	1,500	BC1-0062-00
10,060	10,000	14,014			BC1-0051-00
10,060	14,000	14,014			BC1-0052-00
10,060	10,200	11,480			BC1-0090-00
10,794	13,900	13,585			BC1-0018-03
10,921	13,900	13,585			BC1-0018-02
10,961	13,500	14,325			BC1-0053-03
11,026	17,000	14,295			BC1-0042-02
11,040	13,900	13,670			BC1-0151-00
11,048	13,900	13,585			BC1-0018-00
11,088	13,500	14,325			BC1-0053-02
11,138	16,600	14,315	23,685	3,00	BC1-0041-00
11,153	17,000	14,295			BC1-0042-00
11,215	13,500	14,325			BC1-0053-00
11,540	26,900	13,530			BC1-0007-02
11,653	26,900	13,530			BC1-0007-00
11,709	18,000	13,213			BC1-0008-03
11,709	12,800	13,213			BC1-0031-03
11,748	18,500	14,988			BC1-0021-03
11,756	16,500	16,010			BC1-0048-03
11,765	17,000	15,095			BC1-0049-03
11,765	15,500	15,015			BC1-0083-03
11,765	11,400	13,515			BC1-0089-03
11,798	11,200	14,988			BC1-0029-03
11,805	9,900	16,035			BC1-0101-02
11,809	14,100	16,133			BC1-0019-03
11,813	14,300	14,213			BC1-0020-03
11,836	18,000	13,213			BC1-0008-02
11,836	12,800	13,213			BC1-0031-02
11,871	15,000	14,988			BC1-0035-02
11,873	18,500	14,988			BC1-0021-02
11,873	11,200	14,988			BC1-0029-02
11,883	16,500	16,010			BC1-0048-02
11,885	11,400	13,515			BC1-0089-02
11,890	17,000	15,095			BC1-0049-02
11,895	15,500	15,015			BC1-0083-02
11,898	13,900	14,107			BC1-0028-03
11,930	9,900	16,035			BC1-0101-00
11,936	14,100	16,133			BC1-0019-02
11,938	14,300	14,213			BC1-0020-02
11,955	12,000	15,125			BC1-0054-02
11,963	18,000	13,213			BC1-0008-00
11,963	13,900	14,107			BC1-0028-02
11,963	12,800	13,213			BC1-0031-00
11,970	5,400	15,595			BC1-0038-02
11,970	12,100	15,095			BC1-0040-02
11,998	18,500	14,988			BC1-0021-00
11,998	11,200	14,988			BC1-0029-00
11,998	15,000	14,988			BC1-0035-00
12,000	12,000	15,300			BC1-0156-00
12,010	16,500	16,010			BC1-0048-00
12,010	9,500	16,010			BC1-0097-00
12,010	10,000	16,040			BC1-0133-00
12,015	15,500	15,015			BC1-0083-00
12,015	11,400	13,515			BC1-0089-00
12,020	14,900	16,930			BC1-0154-00
12,040	9,400	16,010			BC1-0088-00
12,040	16,000	18,010			BC1-0132-00
12,048	12,100	15,095			BC1-0040-00
12,050	6,000	16,010			BC1-0146-00
12,050	12,000	16,010			BC1-0191-00
12,050	13,000	16,030	19,500	2,00	BC1-0196-00
12,060	14,000	14,720			BC1-0187-00
12,063	14,100	16,133			BC1-0019-00
12,063	14,300	14,213			BC1-0020-00
12,070	14,900	15,100	19,900	1,400	BC1-0061-00
12,075	9,900	14,200			BC1-0100-00
12,080	12,000	15,125			BC1-0054-00
12,088	13,900	14,107			BC1-0028-00
12,088	17,000	15,095			BC1-0049-00
12,090	11,500	13,607			BC1-0050-00
12,095	5,400	15,595			BC1-0038-00
12,268	14,000	16,536			BC1-0010-03
12,268	18,000	16,536			BC1-0016-03
12,299	10,000	16,555			BC1-0002-03
12,299	11,400	16,555			BC1-0009-03
12,395	14,000	16,536			BC1-0010-02
12,395	18,000	16,536			BC1-0016-02
12,426	10,000	16,555			BC1-0002-02
12,426	11,400	16,555			BC1-0009-02
12,500	18,900	18,710			BC1-0140-00
12,513	18,700	15,964			BC1-0001-03
12,522	14,000	16,536			BC1-0010-00
12,522	18,000	16,536			BC1-0016-00
12,548	10,000	16,555			BC1-0002-00
12,560	6,100	16,520			BC1-0206-00
12,560	14,950	16,010			BC1-0189-00
12,548	11,400	16,555			BC1-0009-00
12,600	18,900	16,000			BC1-0161-00
12,635	18,700	15,964			BC1-0001-02
12,700	11,900	20,020			BC1-0141-00
12,764	18,700	15,964			BC1-0001-00
12,820	19,150	16,510			BC1-0109-00
13,945	15,900	17,031			BC1-0032-02
13,973	12,500	18,100			BC1-0059-02
14,000	11,400	20,020			BC1-0060-00
14,000	5,500	18,000			BC1-0197-00
14,005	13,900	18,010			BC1-0110-00
14,025	19,000	17,988			BC1-0023-03
14,037	18,300	17,615			BC1-0004-03
14,040	19,000	18,125			BC1-0144-00
14,050	10,900	20,160			BC1-0192-00
14,052	19,000	15,945			BC1-0006-03
14,059	15,900	17,031			BC1-0032-00
14,070	19,000	17,980			BC1-0131-00
14,100	12,500	18,100			BC1-0059-00
14,160	18,300	17,615			BC1-0004-02
14,160	19,000	17,988			BC1-0023-02
14,175	19,000	15,945			BC1-0006-02
14,200	19,100	19,165			BC1-0011-03

A	B	C	D	E	
Ø Int (mm)	Altura / Height (mm)	Ø Ext (mm)	Ø Flange / Ø Housing (mm)	Altura da flange / Housing Height (mm)	Código / Code
14,288	18,300	17,615			BC1-0004-00
14,301	19,100	19,165			BC1-0011-02
14,303	19,000	15,945			BC1-0006-00
14,310	22,800	19,120			BC1-0160-00
14,325	19,000	17,988			BC1-0023-00
14,428	19,100	19,165			BC1-0011-00
14,600	12,000	20,000			BC1-0165-00
14,621	17,000	18,909			BC1-0034-03
14,748	17,000	18,909			BC1-0034-02
14,785	18,900	18,135			BC1-0046-03
14,875	17,000	18,909			BC1-0034-00
14,925	13,300	18,135			BC1-0058-02
14,940	18,900	18,135			BC1-0046-02
14,940	17,500	18,135			BC1-0047-02
15,035	19,200	27,798			BC1-0014-00
15,063	18,900	18,135			BC1-0046-00
15,063	17,500	18,135			BC1-0047-00
15,063	13,300	18,135			BC1-0058-00
15,494	9,900	19,544			BC1-0024-03
15,621	9,900	19,544			BC1-0024-02
15,650	18,900	20,670			BC1-0092-03
15,702	14,300	19,139			BC1-0005-03
15,748	9,900	19,544			BC1-0024-00
15,770	19,100	19,165			BC1-0012-03
15,770	18,900	20,670			BC1-0092-02
15,820	19,100	19,165			BC1-0012-02
15,824	14,300	19,139			BC1-0005-02
15,900	18,900	20,670			BC1-0092-00
15,900	18,800	24,000			BC1-0149-00
15,913	11,100	27,064			BC1-0112-00
15,952	14,300	19,139			BC1-0005-00
15,953	24,600	19,135			BC1-0136-00
16,000	24,500	19,100			BC1-0134-00
16,002	19,100	19,165			BC1-0012-00
17,069	12,700	40,018			BC1-0113-00
17,330	30,000	22,420			BC1-0137-00
17,500	9,900	22,800			BC1-0147-00
17,500	7,300	20,800			BC1-0167-00
17,500	8,900	23,000			BC1-0171-00
17,550	6,000	21,000			BC1-0158-00
17,654	14,300	21,190			BC1-0030-03
17,765	6,500	22,115			BC1-0045-03
17,781	14,300	21,190			BC1-0030-02
17,815	8,900	22,415			BC1-0120-00
17,880	8,000	22,115			BC1-0063-02
17,885	6,500	22,115			BC1-0045-02
17,903	14,300	21,190			BC1-0030-00
18,000	5,600	22,040			BC1-0153-00
18,015	6,500	22,115			BC1-0045-00
18,015	8,000	22,115			BC1-0063-00
18,015	9,000	22,115			BC1-0066-00
18,015	5,700	22,115			BC1-0074-00
18,015	7,400	22,115			BC1-0081-00
18,563	19,000	22,788			BC1-0022-03
18,690	19,000	22,788			BC1-0022-02
18,827	9,900	23,070			BC1-0025-03
18,830	19,000	22,788			BC1-0022-00
18,834	12,900	25,125			BC1-0017-03
18,900	12,900	23,025			BC1-0043-02
18,911	12,900	25,125			BC1-0017-02
18,954	9,900	23,070			BC1-0025-02
18,968	14,300	22,270			BC1-0036-00
19,000	5,900	21,500			BC1-0155-00
19,000	6,000	23,000			BC1-0194-00
19,013	12,900	23,025			BC1-0043-00
19,030	6,000	22,300			BC1-0068-00
19,040	17,000	23,020			BC1-0130-00
19,081	9,900	23,070			BC1-0025-00
19,100	9,000	24,000			BC1-0064-00
19,113	12,900	25,125			BC1-0017-00
19,115	9,400	21,300			BC1-0117-00
19,500	5,900	25,000			BC1-0145-00
20,000	12,900	24,010			BC1-0139-00
20,010	5,000	24,050			BC1-0124-00
21,045	11,800	25,025			BC1-0095-00
21,100	32,700	24,400			BC1-0138-00
21,198	22,400	24,445			BC1-0013-02
21,325	22,400	24,445			BC1-0013-00
21,720	11,900	25,890			BC1-0057-02
21,790	15,900	28,050			BC1-0091-02
21,840	11,900	25,890			BC1-0057-00
21,860	10,400	27,115			BC1-0157-00
21,874	11,200	28,088			BC1-0026-03
21,920	15,900	28,050			BC1-0091-00
22,001	11,200	28,088			BC1-0026-02
22,005	9,900	27,815			BC1-0168-00
22,020	9,000	27,040			BC1-0152-00
22,115	8,900	28,075			BC1-0087-00
22,128	11,200	28,088			BC1-0026-00

A	B	C	D	E	
Ø Int (mm)	Altura / Height (mm)	Ø Ext (mm)	Ø Flange / Ø Housing (mm)	Altura da flange / Housing Height (mm)	Código / Code
22,187	27,800	26,111			BC1-0015-00
22,260	5,400	26,910			BC1-0115-00
22,361	25,000	25,735			BC1-0033-03
22,488	25,000	25,735			BC1-0033-02
22,615	25,000	25,735			BC1-0033-00
25,000	12,900	32,000			BC1-0142-00
25,170	16,800	29,600			BC1-0143-00
25,880	16,700	29,630			BC1-0084-03
26,000	9,900	31,000			BC1-0159-00
26,020	16,700	29,630			BC1-0084-02
26,020	13,700	33,020			BC1-0106-00
26,130	16,700	29,630			BC1-0084-00
28,000	15,900	35,000			BC1-0150-00
28,155	11,000	32,260			BC1-0003-03
28,285	11,000	32,260			BC1-0003-02
28,385	11,000	32,260			BC1-0003-00
34,000	9,900	35,300			BC1-0164-00
39,839	10,400	48,056			BC1-0027-03
39,966	10,400	48,056			BC1-0027-02
40,093	10,400	48,056			BC1-0027-00

Porta Escovas *Brush Holders*		Página *Page*
UF - 1.101	Bosch	2
UF - 1.102	Bosch	2
UF - 1.103	Bosch	2
UF - 1.104	Bosch	2
UF - 1.105	Bosch	3
UF - 1.106	Bosch	3
UF - 1.107	Bosch	3
UF - 1.108	Ford/ Motorcraft	34
UF - 1.109	Ford/ Motorcraft	34
UF - 1.110	Bosch	3
UF - 1.111	Bosch	4
UF - 1.112	Bosch	4
UF - 1.113	Bosch	4
UF - 1.114	Bosch	4
UF - 1.115	Bosch	5
UF - 1.116	Bosch	5
UF - 1.117	Bosch	5
UF - 1.118	Bosch	5
UF - 1.119	Bosch	6
UF - 1.120	Delco	24
UF - 1.121	Delco	24
UF - 1.122	Delco	24
UF - 1.123	Delco	25
UF - 1.124	Bosch	6
UF - 1.125	Bosch	6
UF - 1.126	Bosch	6
UF - 1.127	Bosch	7
UF - 1.128	Bosch	7
UF - 1.129	Bosch	7
UF - 1.130	Prestolite	53
UF - 1.131	Bosch	7
UF - 1.132	Bosch	8
UF - 1.133	Delco	25
UF - 1.134	Delco	25
UF - 1.135	Prestolite	54
UF - 1.136	Bosch	8
UF - 1.137	Ford/ Motorcraft	35
UF - 1.138	Valeo	54
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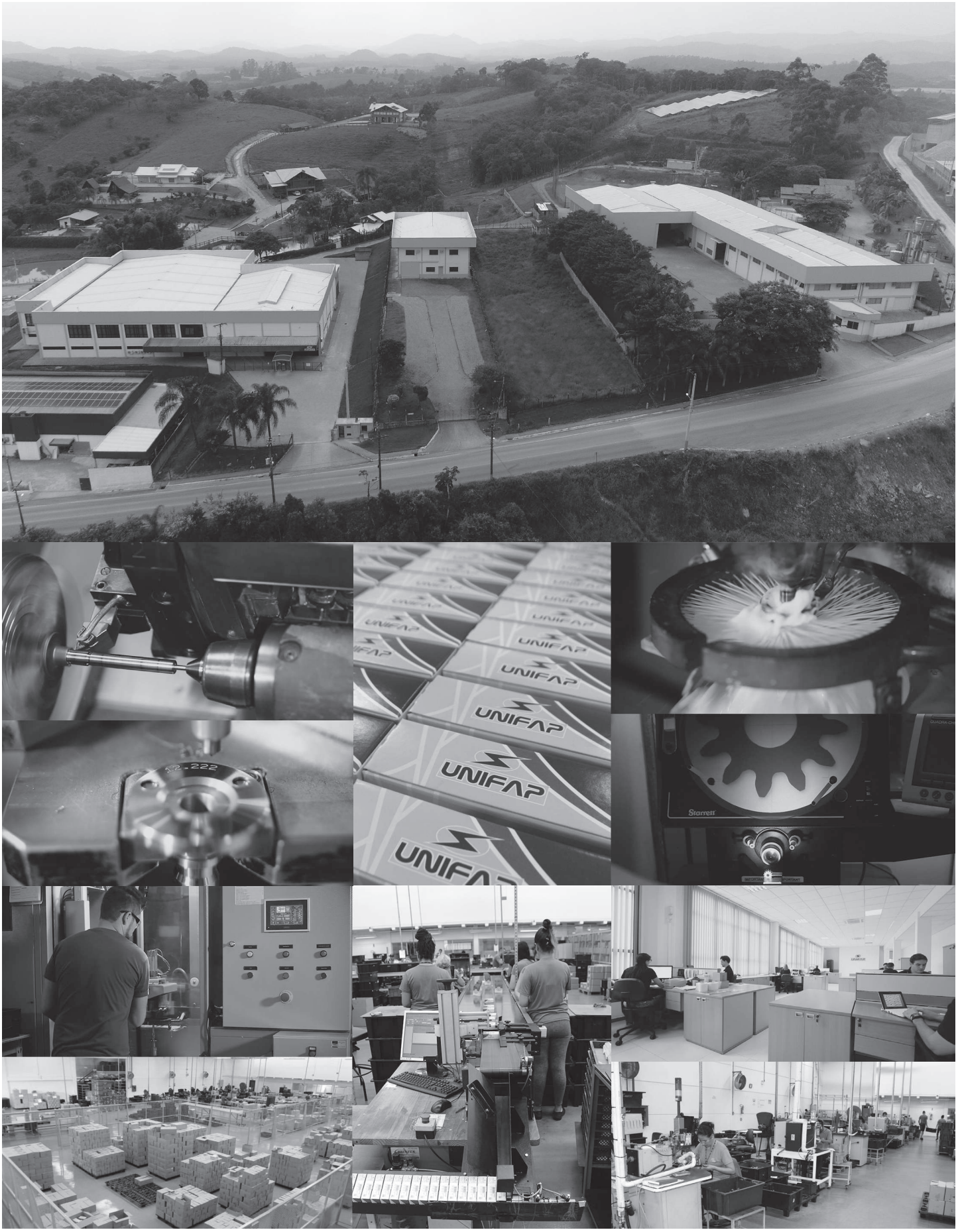
Total Produtos / *All Products*		1.237

Todos os nomes de fabricantes e seus respectivos códigos de peças foram utilizados exclusivamente para referência, a UNIFAP não se responsabiliza por possíveis erros relacionados / *All manufacturer´s names and number are used for reference purposes only, UNIFAP assumes no responsability for possible mistakes.*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