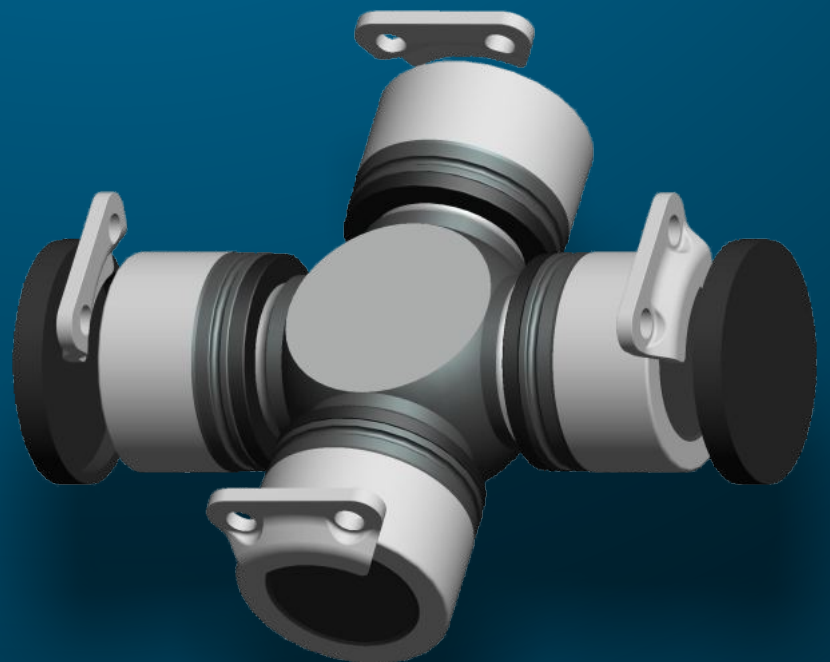
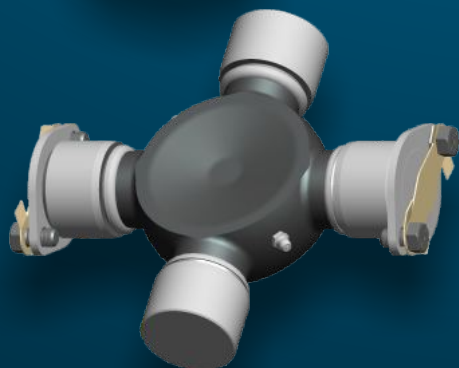


CATÁLOGO 2011
CATALOG 2011



CRUZETAS

U-JOINTS





Em 25 de abril de 1983, a ZM iniciou suas atividades no ramo automotivo, inicialmente dedicada ao desenvolvimento e fornecimento de Solenóides e Relés para Motores de Partida.

Com o aumento da tecnologia, a conquista de novos mercados e a consolidação da marca no cenário internacional, a ZM estendeu sua produção para Parafusos e Porcas de Roda e Peças Especiais Conformadas a Frio.

Como resultado da excelente receptividade e do importante salto tecnológico, devido aos constantes investimentos, a empresa tem atualmente em sua linha de produtos também os Motores de Partida e os Alternadores destinados à exportação.

Recentemente, a ZM lançou a linha de Fixadores, composta por diferentes tipos de parafusos para as mais diversas aplicações; e agora, está introduzindo a sua mais nova linha, Cruzetas.

Com uma história de crescimento sustentado por mais de duas décadas de atividades e a conquista de certificações internacionais de qualidade como a ISO TS 16949 e a ISO 14001, a ZM apresenta-se como um parceiro comercial estável e fornecedor de produtos de alta confiabilidade e competitividade.

On April 25TH, 1983, ZM started its activities in the automotive industry, initially dedicated to the development and supplying of Solenoid and Relay Switches for Starter Motors. With the increase of technology, the conquest of new markets and the brand consolidation abroad, ZM extended its production for Wheel Bolts and Nuts, and Cold Forged Special Parts. As a result of the excellent receptivity and the significant technological leap due to the constant investments, the Company nowadays has in its products range the lines of Starter Motors and Alternators to exports. Recently, ZM has launched its Fasteners line, composed by different models of bolts to several applications; and now it is introducing the newest line, U-Joints.

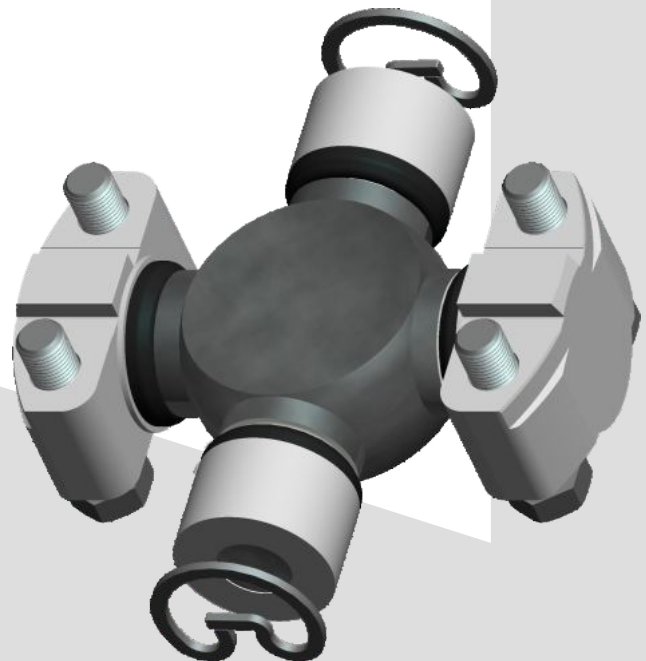
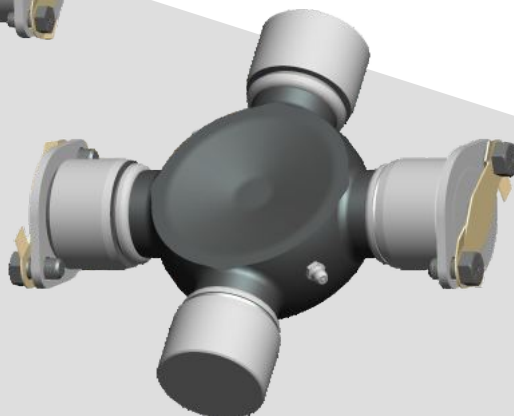
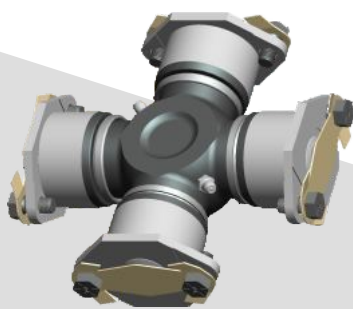
With a history of sustained growth for over two decades of activities and the achievement of international quality certificates as the ISO TS 16949, ZM presents itself as a stable business partner and supplier of products of high reliability and competitiveness.

The complete ZM products line is available on the on line catalog.
La línea completa de los productos ZM está disponible en el catálogo on line.

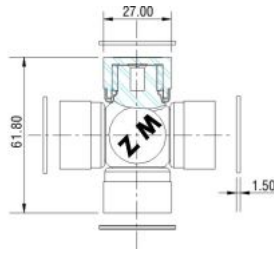
www.zm.com.br



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CATÁLOGO / CATALOG	A
EQUIVALÊNCIA - REFERÊNCIA CRUZETA PARA CRUZETA ZM / CROSS REFERENCE - U-JOINT REFERENCE TO ZM U-JOINT	B
TABELA DE APLICAÇÃO / APPLICATION CHART	C



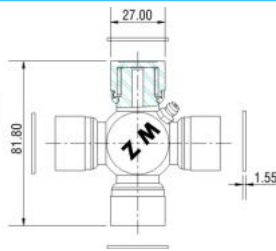
ZM 35.001.00

APLICAÇÃO / USED ON:

CUMMINS: Dynapac Compactador. ENGESA: Trator Agrícola. FIATALLIS: 7TBA, AD-7. FORD: Belina, Pampa. GM-CHEVROLET: Chevette, Opala. HYSTER: Empilhadeira. KOMATSU: Esteira, Guindaste 150A, KAR - AY, Retroscavadeira 660-MII. VOLVO: B10M, B58M.

SUBSTITUI / REPLACE:

CCL: 2908. COTRAME: CC-37. ENGESA: 2680302084. FIAT ALLIS: 75206003, 75216003. FORD: 83PU4758A. GM: 9297873, 9300247. HDS MECPAR: CR1018. HYSTER: 807043. LONTRA: 900120. MERITOR: 801008. MULLER WABCO: 66300126. SKF: VKUA4550A. SPICER: 5-310X. STAHL: CZ-120, CZ-253 antigo. VME CLARK-MICHIGAN: 3319735. VOLVO: 3319735, 6885182.



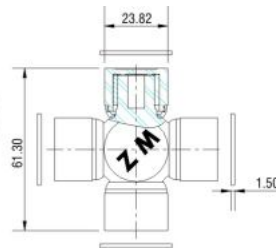
ZM 35.001.01

APLICAÇÃO / USED ON:

ALFA ROMEO: 2300. FIAT-IVECO: Daily. FORD: F 100, F 1000, F 350, Galaxie, Maverick. FORD-WILLYS: Jeep. GM-CHEVROLET: A 10, A 14, C 10, C 14, D 10, D 14. TOYOTA: Hilux. TROLLER: T4.

SUBSTITUI / REPLACE:

ALFA ROMEO: 1215017001. CASE: D70629, E070629, E64420. CATERPILLAR: 1G0632, 2Y4277. CBT: 5401200012. CCL: 2894. COTRAME: CC-36RA. ENGESA: 1514260032, 5295021421. FIAT ALLIS: 76021878. FORD: 2994958, 2994959, 906929, B6D7039A, BCOC7039A, BD4D7039A, BE2C7039A. GENERAL MOTORS: 7352431, 7363278. HDS MECPAR: CR1001. HYSTER: 53066A, 801506, 802306. IVECO: 93160322A. LONTRA: 900121. MERITOR: 801009. NAKATA: NUJ153. SKF: VKUA4554A. SPICER: 5-121X, 5-153X, 5-153XS. STAHL: CZ-121, CZ-225 antiga. VME CLARK MICHIGAN: 822802, 865665. VOLKSWAGEN: 2115013861, 2994958, 2994959. VOLVO: 6855523, 6885523. WILLYS OVERLAND: 906929, BE2C7039A.



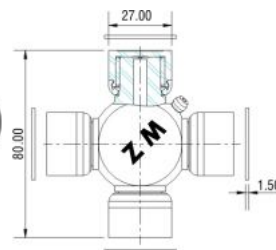
ZM 35.001.02

APLICAÇÃO / USED ON:

CHRYSLER-DODGE: Dodge. FORD: Belina, Corcel. GM-CHEVROLET: Chevette, Opala. LADA: Laika.

SUBSTITUI / REPLACE:

CCL: 2936. COTRAME: CC-04S. FIAT ALLIS: 4606993, 8320266. FORD: B2M-4705A, BD0M-4635A. GENERAL MOTORS: 7322190. HDS MECPAR: CR1019. HYSTER: 25420, 26126A, 802311. LADA: 2101.220.20.25. SKF: VKUA4555A. SPICER: 5-2X. STAHL: CZ-122.



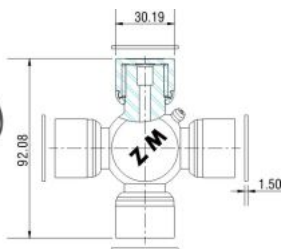
ZM 35.001.03

APLICAÇÃO / USED ON:

HYUNDAI: H100.

SUBSTITUI / REPLACE:

CCL: 2645. HDS MECPAR: CR1063. LONTRA: 900170. STAHL: CZ-170.



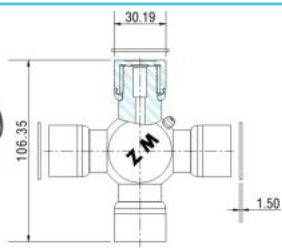
ZM 35.001.04

APLICAÇÃO / USED ON:

GM-CHEVROLET: C series. TOYOTA: Bandeirante.

SUBSTITUI / REPLACE:

CCL: 2898. COTRAME: CC-103/A. HDS MECPAR: CR1501. LONTRA: 900208. MERITOR: 801011. SKF: VKUA4562A. SPICER: 5-178X, 5-178XS. STAHL: CZ-208.



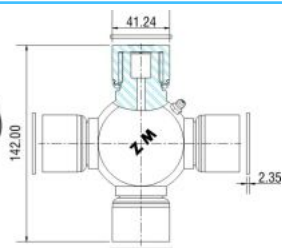
ZM 35.001.05

APLICAÇÃO / USED ON:

AGRALE: 6000D, 7000 D, 7000 DX, 8000MA, MA 5.5T, Volare A8-8500. CASE: Pá Carregadeira W-7E. DYNAPAC: Compactador. FIAT: FNM. FIATALLIS: C-300. FORD: F 1000, F 11000, F 4000, F 600. GM-CHEVROLET: Silverado, 6100, 6150, 6400, 6500, A series, Bonanza, C series, D 20, D series. KOMATSU: AX, AY, Guindaste 150A, KAR. MÜLLER: Compactador AP-20. TEMA TERRA: 735 VA, 755, SP-3000, SP-35000, SP-5500, Compactador 735 DD, SP-6000, SP-7000, SP-80000, SPV-735, TT-1014. VALMET: 1080, 118, 128, 685, 785, 885, 980, 985. VME CLARK-MICHIGAN: Empilhadeira 110/ 135/ 155, Empilhadeira 40/ 50/ 60, Empilhadeira C-300HY/ C-500Y, Pá Carregadeira L-30. VOLKSWAGEN: Caminhão.

SUBSTITUI / REPLACE:

CCL: 2896. COTRAME: CC-55A. HDS MECPAR: CR1004. LONTRA: 900210. MERITOR: 801010. NAKATA: NUJ160. SKF: VKUA4565A. SPICER: 5-160X, 5-160XS. STAHL: CZ-210.



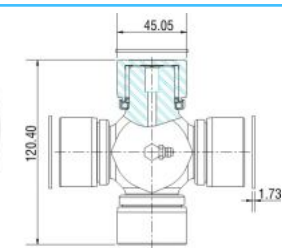
ZM 35.001.06

APLICAÇÃO / USED ON:

DYNAPAC: Compactador, Trator TR-25. ENGESA: Trator Agrícola. FIAT: FNM. FORD: F 8000, F 8500, FT 8000. KOMATSU: Motoniveladora. MÜLLER: TM-14, TS-22P, W-22. SCANIA: 111, L76, LS76, Ônibus b76. TEMA TERRA: SP-12000 (Pneus), SP-255 (Pé de Carneiro). TEREX: 33-03A, R-22, Trator 633, Trator 634. VILLARES: Guindaste. VME CLARK-MICHIGAN: Guindaste. VOLVO: B-58, B-58E, B10M.

SUBSTITUI / REPLACE:

CCL: 2897. HDS MECPAR: CR1404. LONTRA: 900221. MERITOR: 801022. SKF: VKUA4541A. SPICER: 5-165X. STAHL: CZ-221.



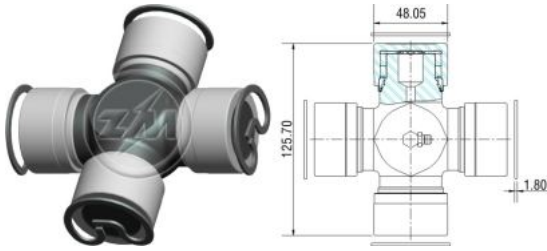
ZM 35.001.07

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1218, 1314, 1319, 1418, 1518, 1519, 1618, 2219, 2220, O 326, O 355, O 362, O 364, OF 1318, OH 1419, OH 1517, OH 1520.

SUBSTITUI / REPLACE:

CCL: 2926. COTRAME: CC-105/1. HDS MECPAR: CR1302. LONTRA: 900228. MERITOR: 801002. SKF: VKUA4571A. SPICER: 5-12100X, 5-12100XS. STAHL: CZ-228.



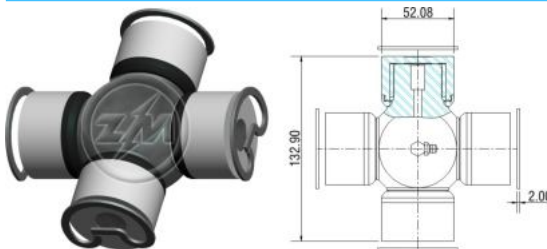
ZM 35.001.08

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1413, 1919, 1928, 2215, 2217, 2219L, 2219LA, 2219LK, 2220, 2225, 2325, O 370, O 371, O 400.

SUBSTITUI / REPLACE:

CCL: 2941. HDS MECPAR: CR1304. LONTRA: 900229. MERITOR: 801033. SKF: VKUA4715A. SPICER: 5-12219X. STAHL: CZ-229, CZ-279 antigo.



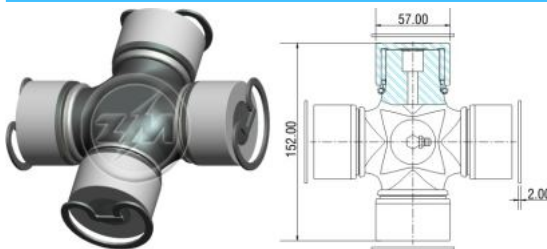
ZM 35.001.09

APLICAÇÃO / USED ON:

CATERPILLAR: Colheitadeira MT 875. MERCEDES BENZ: 1621, 1622, 1624, 1625, 1632, 1721, 1722, 1921, LB-2318, LS 1924, O 370, O 371.

SUBSTITUI / REPLACE:

CCL: 2934. HDS MECPAR: CR1306. LONTRA: 900230. MERITOR: 801029. SKF: VKUA4552A. SPICER: 5-12924X. STAHL: CZ-230.



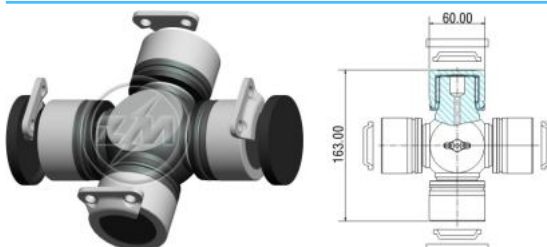
ZM 35.001.10

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1524, 1525, 1625, 1632, 1633, 1924-A, 1929, 1932, 1933, 1934, 1935, 1938, 1939, 2225, 2325, O 370, O 400.

SUBSTITUI / REPLACE:

CCL: 2935. HDS MECPAR: CR1307. LONTRA: 900231. MERITOR: 801005. SKF: VKUA4557A. SPICER: 5-12932X. STAHL: CZ-231.



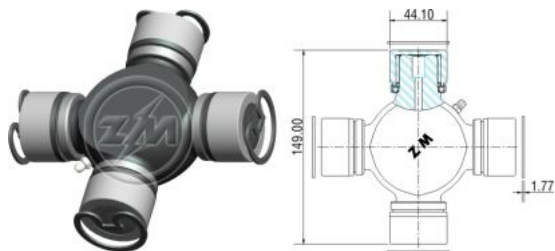
ZM 35.001.11

APLICAÇÃO / USED ON:

FIAT-IVECO: Cursor 450E37, Cursor 8190E31, Eurotec, Power Star, Stralis. MERCEDES BENZ: 2423, 2428, L 1932, L 1938, L 2638, LK 2638, LS 1634, LS 1938, LS 2638, Ônibus O 500. VOLVO: FH12, FM, NH12.

SUBSTITUI / REPLACE:

CCL: 1938. HDS MECPAR: CR1013. LONTRA: 900232. SPICER: SPL250-1X, SPL250-1XS. STAHL: CZ-232.



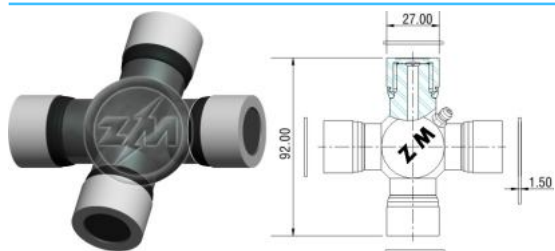
ZM 35.001.12

APLICAÇÃO / USED ON:

SCANIA: L 110, L 111, LS 110, LS 111, Ônibus B 110, Ônibus BR 115.

SUBSTITUI / REPLACE:

CCL: 2930. HDS MECPAR: CR1401. LONTRA: 900251. MERITOR: 801026. SKF: VKUA4574A. SPICER: 5-12276X, 5-12276XS. STAHL: CZ-251.



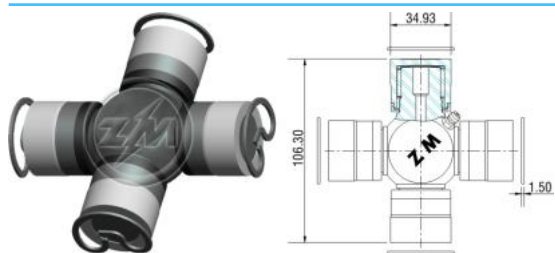
ZM 35.001.13

APLICAÇÃO / USED ON:

AGRALE: 1600 D, 1800 D, 4500 D, 5000 D, 5010 Deutz. DYNAPAC: Compactador. FORD: F 1000, F 2000, F 350, F 400, F 4000. GM-CHEVROLET: A 14, Blazer, S10, Silverado, A 20, A 24, A 25, Bonanza, C series, D 20, D series, Grand Blazer. TEMA TERRA: Compactador. TROLLER: Troller RF Sport. VOLKSWAGEN: P 400.

SUBSTITUI / REPLACE:

CCL: 2902. COTRAME: CC-102/1. HDS MECPAR: CR1003. LONTRA: 900252. MERITOR: 801019. NAKATA: NUJ273. SKF: VKUA4577A. SPICER: 5-273X, 5-273XS. STAHL: CZ-252.



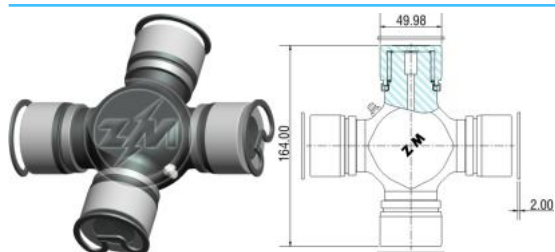
ZM 35.001.14

APLICAÇÃO / USED ON:

AGRALE: 6.0 TCA, 7500 DTX 4.1T, 8500, MA 7.5 T, MA 8.5T. CATERPILLAR: Pá Carregadeira 924F. DYNAPAC: Compactador. FIAT: FNM. FORD: CB-1113, CB-1114, CB-1215, CB-1313, CB-1314, CB-13415, Cargo 1113, Cargo 1114, Cargo 1314, Cargo 1415, Cargo 814, F 11000, F 12000, F 13000, F 14000, F 17000, F 19000, F 21000, F 700, F 7000, F 750, FT 7000, Galaxie, Jeep, Maverick, Pick-up. GM-CHEVROLET: D series. MERCEDES BENZ: L 709, L 710, L 912, LO 710, LO 809, LO 812, OF 809, OF 712. TEMA TERRA: SP-5500, SP-8000. VOLKSWAGEN: 11-130, 11-30, 11-40, 12-140, 13-130, 14-140, 8-140, 9-140, D-950.

SUBSTITUI / REPLACE:

CCL: 2901. COTRAME: CC-415. HDS MECPAR: CR1005. LONTRA: 900254. MERITOR: 801001. SKF: VKUA4579A. SPICER: 5-263X, 5-263XS. STAHL: CZ-254.



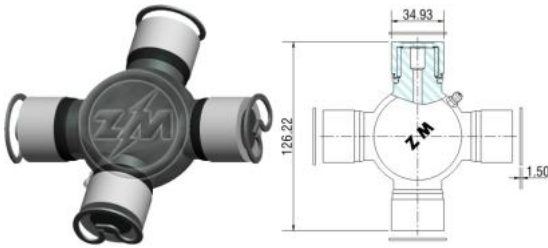
ZM 35.001.15

APLICAÇÃO / USED ON:

ENGESA: Trator 1124. FIAT: FNM. MÜLLER: TI-36, TM-25, TM-28, TM-31, W-23. RANDON: RK-424. SCANIA: L 110, L 111, L 113, LK 110, LK 113, LS 110, LS 111, LS 113, R 112, R 113, R 142, T 112, T 142, T 112. VME CLARK-MICHIGAN: Caminhão A-25 (6x6). VOLVO: B 10R, B 7R, B-58, B-58E, B10M, N10, N12, NL10.

SUBSTITUI / REPLACE:

CCL: 2931. HDS MECPAR: CR1009. LONTRA: 900255. MERITOR: 801027. NAKATA: NUJ12278. SKF: VKUA4581A. SPICER: 5-12278X. STAHL: CZ-255.



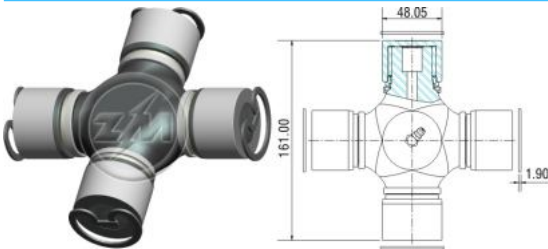
ZM 35.001.16

APLICAÇÃO / USED ON:

CASE: J.I. Escavadeira. CATERPILLAR: Pá Carregadeira 924. DYNAPAC: Compactador, Trator TR-25. FIAT: F140NS, FNM, N3, SLD, SLS, Trator F130. FIAT-IVECO: Eurocargo. FIATALLIS: Pá Carregadeira, Trator de esteira. FORD: Cargo 1114, Cargo 1215, Cargo 1314, Cargo 1415, Cargo 1514, Cargo 1616, Cargo 1618, Cargo 2217, Cargo 2218, F 12000, F 22000. GM-CHEVROLET: A 10, A series, C 10, C series, D series, L 64. MERCEDES BENZ: 1214, 712, 914, LO 914. MÜLLER: Compactador (Wabco). TEREX: Pá Carregadeira, Trator. VILLARES: Guindaste. VOLKSWAGEN: 14-150, 14-170, 16-170, 22-140, 22-160.

SUBSTITUI / REPLACE:

CCL: 2903. COTRAME: CC-108/1. HDS MECPAR: CR1006. LONTRA: 900256. MERITOR: 801018. NAKATA: NUJ275. SKF: VKUA4584A. SPICER: 5-275X, 5-275XS. STAHL: CZ-256.



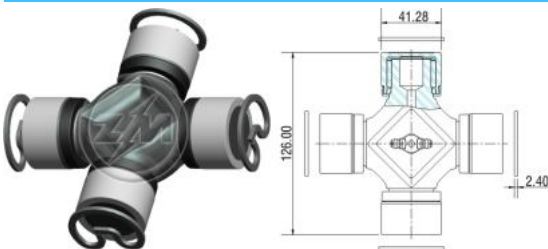
ZM 35.001.17

APLICAÇÃO / USED ON:

MARFESA: Onibus M-210. MERCEDES BENZ: 2318, 2423, 2428, L 2318, LB 2325, LK 2325, O 370RS, O 371, O 400UR, OH 1621L, OH 1623, OH 1628. SCANIA: 113H, 114G, P-40, PF-40, R124, T 61, TA-61. VME CLARK-MICHIGAN: Caminhão A-25 (6x6). VOLVO: N10, N12, NL10, NL12.

SUBSTITUI / REPLACE:

CCL: 2925. HDS MECPAR: CR1010. LONTRA: 900265. MERITOR: 801032. NAKATA: NUJ12062. SKF: VKUA4590A. SPICER: 5-12062X, 5-12062XS. STAHL: CZ-265.



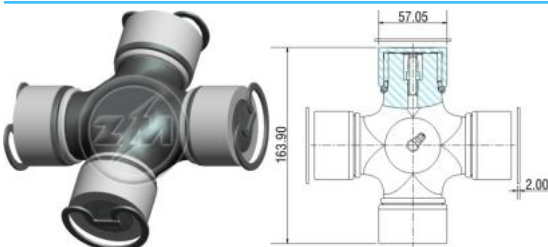
ZM 35.001.18

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1214, 1215, 1218, 1418, 1620, 1651, 1720, OF 1417, OF 1721, OH 1420, OH 1621. VOLKSWAGEN: 16-200, 17-210.

SUBSTITUI / REPLACE:

CCL: 3189. HDS MECPAR: CR1017. LONTRA: 900271. MERITOR: 801031. NAKATA: NUJSPL90. SKF: VKUA4547A. SPICER: SPL90-1X. STAHL: CZ-271.



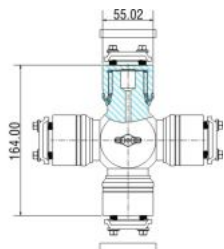
ZM 35.001.19

APLICAÇÃO / USED ON:

SCANIA: 114G, P-500, P124, PF-50, T114 Series, T71, T81, TA-71, TA-81.

SUBSTITUI / REPLACE:

CCL: 3197. HDS MECPAR: CR1402. NAKATA: NUJ12072. SKF: VKUA4559A. SPICER: 5-12072X, 5-12072XS. STAHL: CZ-277.



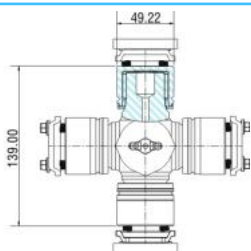
ZM 35.001.20

APLICAÇÃO / USED ON:

MERCEDES BENZ: 2638 L, LS, LK, Axor. VOLVO: FH12, NH12.

SUBSTITUI / REPLACE:

CCL: 3195. HDS MECPAR: CR1012. SPICER: SPL170-1X. STAHL: CZ-284.



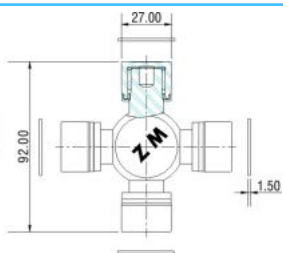
ZM 35.001.21

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1622, 1722, 2423.

SUBSTITUI / REPLACE:

CCL: 2644. SPICER: SPL140-1X. STAHL: CZ-290.



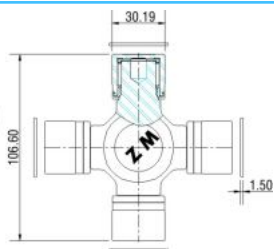
ZM 35.001.22

APLICAÇÃO / USED ON:

CHRYSLER-DODGE: Dakota. FORD: F 1000, Ranger.

SUBSTITUI / REPLACE:

SPICER: 5-618X. STAHL: CZ-291.



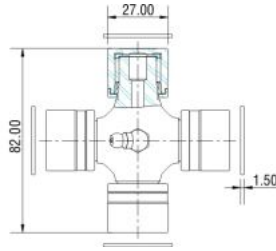
ZM 35.001.23

APLICAÇÃO / USED ON:

FORD: F 250, F 350.

SUBSTITUI / REPLACE:

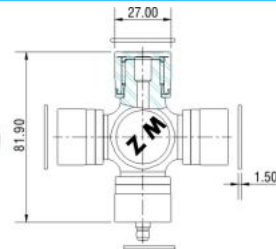
SPICER: 5-641X. STAHL: CZ-292.



ZM 35.001.26

APLICAÇÃO / USED ON:
TOYOTA: Hilux.

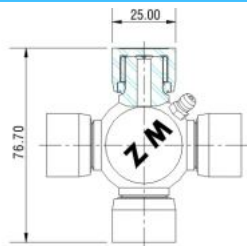
SUBSTITUI / REPLACE:
STAHL: CZ-296.



ZM 35.001.27

APLICAÇÃO / USED ON:
TOYOTA: Hilux.

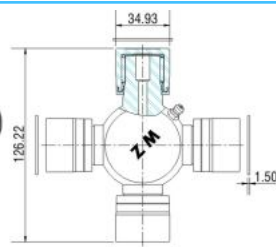
SUBSTITUI / REPLACE:
STAHL: CZ-297.



ZM 35.001.28

APLICAÇÃO / USED ON:
MITSUBISHI: L 200.

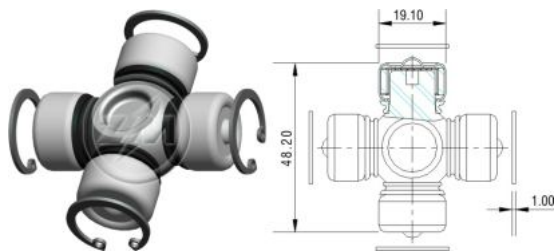
SUBSTITUI / REPLACE:
CCL: 2654. STAHL: CZ-299.



ZM 35.001.29

APLICAÇÃO / USED ON:
MERCEDES BENZ: 1214, 712, 914, LO 814. VOLKSWAGEN: 12-190E, 13-150, 13-170, 13-180, 15-170, 15-180, 15-190.

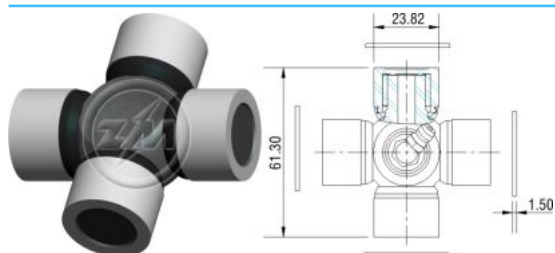
SUBSTITUI / REPLACE:
MERCEDES BENZ: 0004103331, 0004103431, A0004103331. VOLKSWAGEN: 2VF598089.



ZM 35.001.30

APLICAÇÃO / USED ON:
MERCEDES BENZ: Mercedes Benz, Coluna de Direção.

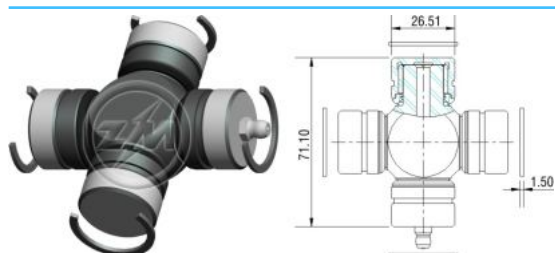
SUBSTITUI / REPLACE:
STAHL: CZ-259.



ZM 35.001.31

APLICAÇÃO / USED ON:
FORD: Belina, Corcel. GM-CHEVROLET: Chevette, Opala.

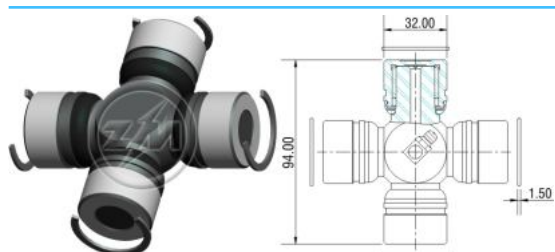
SUBSTITUI / REPLACE:
SPICER: 5-111X.



ZM 35.002.00

APLICAÇÃO / USED ON:
KIA MOTORS: Best A, Topic.

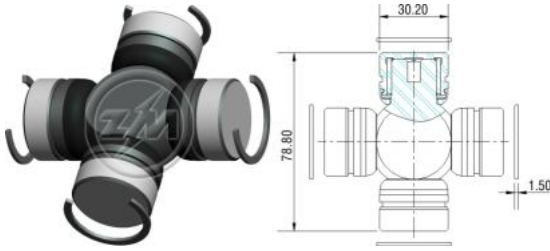
SUBSTITUI / REPLACE:
CCL: 3165. HDS MECPAR: CR1059. STAHL: CZ-171.



ZM 35.002.01

APLICAÇÃO / USED ON:
KIA MOTORS: Best A, Topic.

SUBSTITUI / REPLACE:
CCL: 2638. HDS MECPAR: CR1060. STAHL: CZ-172.



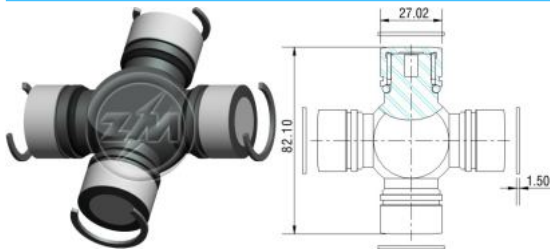
ZM 35.002.02

APLICAÇÃO / USED ON:

CBT: Jeep Javali (Eixo Dianteiro). FORD: F 1000.

SUBSTITUI / REPLACE:

CCL: 2927. HDS MECPAR: CR1061. SKF: VKUA4558A. SPICER: 5-297X, 5-297XS. STAHL: CZ-180.



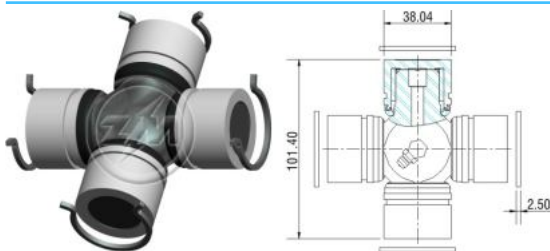
ZM 35.002.03

APLICAÇÃO / USED ON:

FORD: Jeep, Pick-up, Rural.

SUBSTITUI / REPLACE:

CCL: 2891. HDS MECPAR: CR1103. SPICER: 5-20X. STAHL: CZ-226.



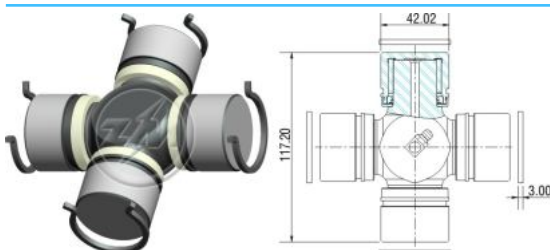
ZM 35.002.04

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1111, 1113, 1114, 1115, 1116, 1118, 1214, 1313, 1315, 1316, 1317, 1318, 1414, 1418, 1513, 1514, 1516, 1517, 1518, 1614, 1714, 1718, 2013, 2014, 2213, 2214, 2215, 2216, 2217, 2314, 2317, 608, LO 809, LO 814, LO 914, LPO 1113, LPO 1114, O 301, O 321, O 352, O 364, OF 1111, OF 1113, OF 1115, OF 1116, OF 1214, OF 1313, OF 1315, OF 1316, OF 1414, OF 1513, OF 1516, OF 1517, OF 1614, OF 1714, OF 2013, OF 2213, OF 2317, OH 1113, OH 1115, OH 1313, OH 1316, OH 1517, OH 321, OH 352. VALMET: Trator 118/ 128/ 148.

SUBSTITUI / REPLACE:

CCL: 2928. COTRAME: CC-101/1. HDS MECPAR: CR1301. LONTRA: 900227. MERITOR: 801000. NAKATA: NUJ12213. SKF: VKUA4569A. SPICER: 5-12213X, 5-12213XS. STAHL: CZ-227.



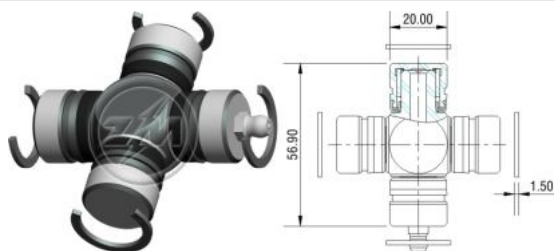
ZM 35.002.06

APLICAÇÃO / USED ON:

MERCEDES BENZ: 1218, 1418, 1618, 1718, 2318, 2418.

SUBSTITUI / REPLACE:

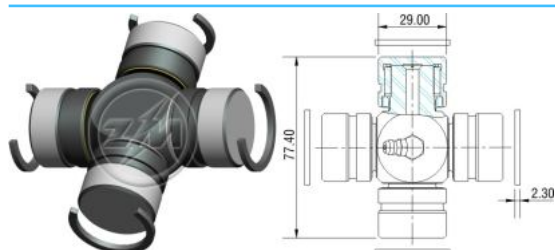
CCL: 2637. HDS MECPAR: CR1312. LONTRA: 900288. SPICER: 5-12022X. STAHL: CZ-288.



ZM 35.002.07

APLICAÇÃO / USED ON:
ASIA MOTORS: Towner.

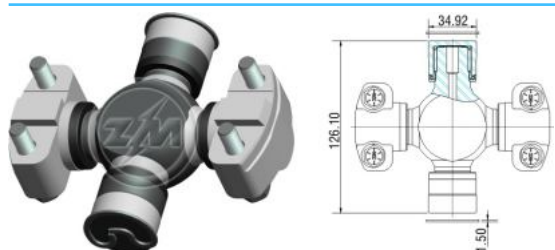
SUBSTITUI / REPLACE:
CCL: 2642. STAHL: CZ-294.



ZM 35.002.08

APLICAÇÃO / USED ON:
TOYOTA: Hilux.

SUBSTITUI / REPLACE:
CCL: 2647. STAHL: CZ-298.



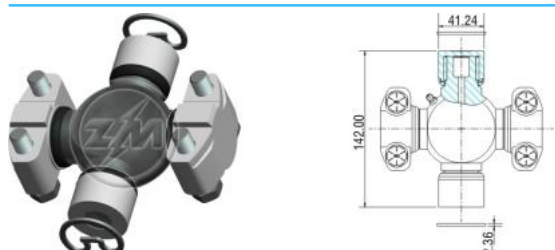
ZM 35.003.00

APLICAÇÃO / USED ON:

CATERPILLAR: Pá Carregadeira 930. DYNAPAC: Compactador, Trator TR-25. FIATALLIS: Pá Carregadeira. KOMATSU: Guindaste 150, Motoniveladora, Retroescavadeira 660-MII. MÜLLER: Compactador AP-23 / AP26, Trator TI-18 / TI-14 / TS22SP. TEMA TERRA: SP-5500, SP-8000, TT-4420. TEREX: Pá Carregadeira 95 S, Trator D6-D, D6-OS. VILLARES: Guindaste 20VE / 20 VF Cabine Giratória. VME CLARK-MICHIGAN: Empilhadeira C-500Y, Guindaste AW-714, AW-720, Pá Carregadeira 125C / 125G / 45C / 55C / 75A / 75III/.

SUBSTITUI / REPLACE:

CCL: 2907. HDS MECPAR: CR1904. MERITOR: 801025. SPICER: 5-303X, 6C-3X. STAHL: CZ-108.



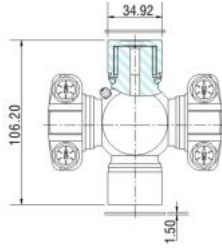
ZM 35.003.01

APLICAÇÃO / USED ON:

CASE: J.I. Escavadeira. DYNAPAC: Compactador, Trator TR-25. HYSTER: Empilhadeira. KOMATSU: Guindaste Galion 150A. MÜLLER: TI-25, TI-36, TS-22P. TEMA TERRA: Compactador. VME CLARK-MICHIGAN: Pá Carregadeira 55 / 75 / 85 / L90.

SUBSTITUI / REPLACE:

CCL: 2909. MERITOR: 801007. SPICER: 5-330X. STAHL: CZ-128.



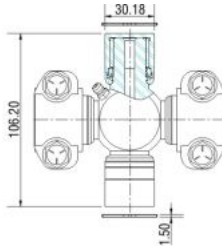
ZM 35.003.02

APLICAÇÃO / USED ON:

AGRALE: 7500, 8000 Ônibus A8 Volare. MÜLLER: Trator 120C/ 120D/ W-120.

SUBSTITUI / REPLACE:

HDS MECPAR: CR1926. SPICER: 5-348X, 5C-5X. STAHL: CZ-177.



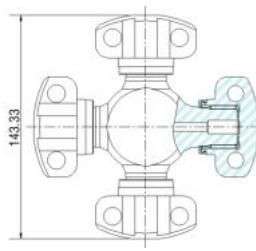
ZM 35.003.03

APLICAÇÃO / USED ON:

AGRALE: 6000 Ônibus A6 Volare. CASE: J.I. Case Pá Carregadeira W-7. FIATALLIS: Pá Carregadeira.

SUBSTITUI / REPLACE:

CCL: 2933. HDS MECPAR: CR1930. SPICER: 5-12913X. STAHL: CZ-266.



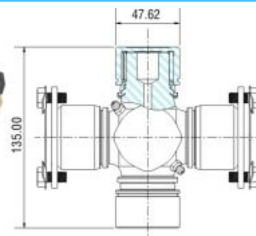
ZM 35.005.00

APLICAÇÃO / USED ON:

CATERPILLAR: Pá Carregadeira 955, Trator D6D-PS / D7. FIATALLIS: Motoniveladora FG-85. KOMATSU: Trator de Esteira D60A/ D60E/ D65A/ D65E. VME CLARK-MICHIGAN: Pá Carregadeira 55/ 75/ 85.

SUBSTITUI / REPLACE:

CCL: 2918. HDS MECPAR: CR1905. MERITOR: 801016. SPICER: 5-6106X, 6C-1X. STAHL: CZ-109.



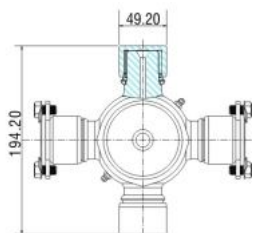
ZM 35.006.00

APLICAÇÃO / USED ON:

DYNAPAC: Compactador. FIAT-IVECO: 150E 20N, 150E 20T, 160E 23N. FORD: Cargo Turbo 1422, Cargo Turbo 1618, Cargo Turbo 1622, Cargo Turbo 2218, Cargo Turbo 2322, Cargo Turbo 2425, Cargo Turbo 2630, Cargo Turbo 3224. GM-CHEVROLET: 12-170, 12-220, 14-190, 15-190. MERCEDES BENZ: 1313, 1418, 1418E, 1618, 1618E, 1620, 1718, 1720, 2318, K 1218, L 1218, OF 1318, OF 1620, OH 1420, OH 1520, OH 1521, OH 1621, R 1218. MÜLLER: Compactador TM-17. NAVISTAR: Caminhão 4900. SCANIA: T113. VME CLARK-MICHIGAN: Pá Carregadeira L-90. VOLKSWAGEN: 14-200, 14-210, 15-210, 16-210, 17-220, 22-210, 24-220, 24-250, 26-300.

SUBSTITUI / REPLACE:

CCL: 2956. HDS MECPAR: CR1007. LONTRA: 900264. MERITOR: 801021. NAKATA: NUJ438. SKF: VKUA4588A. SPICER: 5-438X, 5-438XS. STAHL: CZ-264.



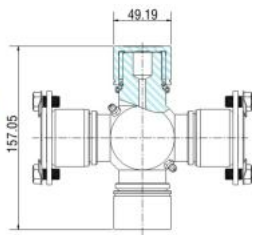
ZM 35.006.01

APLICAÇÃO / USED ON:

FORD: Cargo 4030. MERCEDES BENZ: O 400RS, O 400RSO, O 400SER, O 400UPA, OH 1625L, OH 1628L, OH 1636L. NAVISTAR: Caminhão 9200, Caminhão 9800. VOLKSWAGEN: 40-300, Titan 18.310.

SUBSTITUI / REPLACE:

CCL: 3190. HDS MECPAR: CR1016. NAKATA: NUJ510. SPICER: 5-510X, 5-510XS. STAHL: CZ-272.



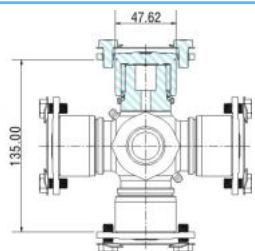
ZM 35.006.02

APLICAÇÃO / USED ON:

FORD: Cargo 1521, Cargo 1621, Cargo 1624, Cargo 1630, Cargo 2321, Cargo 2324, Cargo 2422, Cargo 2630, Cargo 2631, Cargo 3021, Cargo 3224, Cargo 3530. MERCEDES BENZ: 1723, L 1623, LS 1623, OH 1623. NAVISTAR: Caminhão 4700, Caminhão 4900, Caminhão 9200, Caminhão 9800. SCANIA: Ônibus b76. VOLKSWAGEN: 16-300, 17-300, 23-220, 24-250, 26-300, 35-300.

SUBSTITUI / REPLACE:

CCL: 2957. HDS MECPAR: CR1011. LONTRA: 900274. MERITOR: 801006. SKF: VKUA4546A. SPICER: 5-515X. STAHL: CZ-274.



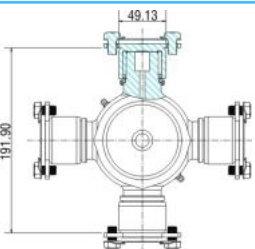
ZM 35.007.00

APLICAÇÃO / USED ON:

FORD: Cargo 2422, Cargo 2425, Cargo 2630. VOLKSWAGEN: 24-220, 24-250, 26-300.

SUBSTITUI / REPLACE:

CCL: 2904. HDS MECPAR: CR1014. LONTRA: 900124. MERITOR: 801012. SKF: VKUA4532A. SPICER: 5-279X, 5-279XS. STAHL: CZ-124.



ZM 35.007.01

APLICAÇÃO / USED ON:

MERCEDES BENZ: O 400RS, O 400RSD, OH 1636L. SCANIA: R 112, R 113, T 112, T113. VOLVO: B 10R, N10, N12, NL10, NL12.

SUBSTITUI / REPLACE:

CCL: 2906. HDS MECPAR: CR1008. LONTRA: 900270. MERITOR: 801014. NAKATA: NUJ281. SKF: VKUA4593A. SPICER: 5-281X, 5-281XS. STAHL: CZ-270.

CRUZETA U-JOINT	Nº ZM ZM Nr.	Pag. Page	CRUZETA U-JOINT	Nº ZM ZM Nr.	Pag. Page	CRUZETA U-JOINT	Nº ZM ZM Nr.	Pag. Page	CRUZETA U-JOINT	Nº ZM ZM Nr.	Pag. Page
ALFA ROMEO			FIAT ALLIS			LONTRA			SKF		
1215017001	35.001.01	A-001	76021878	35.001.01	A-001	900121	35.001.01	A-001	VKUA4546A	35.006.02	A-012
CASE			8320266	35.001.02	A-001	900124	35.007.00	A-012	VKUA4547A	35.001.18	A-005
D70629	35.001.01	A-001	FORD			900170	35.001.03	A-001	VKUA4550A	35.001.00	A-001
E070629	35.001.01	A-001	2994958	35.001.01	A-001	900208	35.001.04	A-002	VKUA4552A	35.001.09	A-003
E64420	35.001.01	A-001	2994959	35.001.01	A-001	900210	35.001.05	A-002	VKUA4554A	35.001.01	A-001
CATERPILLAR			83PU4758A	35.001.00	A-001	900221	35.001.06	A-002	VKUA4555A	35.001.02	A-001
1G0632	35.001.01	A-001	906929	35.001.01	A-001	900227	35.002.04	A-009	VKUA4557A	35.001.10	A-003
2Y4277	35.001.01	A-001	B2M-4705A	35.001.02	A-001	900228	35.001.07	A-002	VKUA4558A	35.002.02	A-009
CBT			B6D7039A	35.001.01	A-001	900229	35.001.08	A-003	VKUA4559A	35.001.19	A-005
5401200012	35.001.01	A-001	BCOC7039A	35.001.01	A-001	900230	35.001.09	A-003	VKUA4562A	35.001.04	A-002
CCL			BD4D7039A	35.001.01	A-001	900231	35.001.10	A-003	VKUA4565A	35.001.05	A-002
1938	35.001.11	A-003	BDOM-4635A	35.001.02	A-001	900232	35.001.11	A-003	VKUA4569A	35.002.04	A-009
2637	35.002.06	A-009	BE2C7039A	35.001.01	A-001	900251	35.001.12	A-004	VKUA4571A	35.001.07	A-002
2638	35.002.01	A-008	GM			900252	35.001.13	A-004	VKUA4574A	35.001.12	A-004
2642	35.002.07	A-010	7322190	35.001.02	A-001	900254	35.001.14	A-004	VKUA4577A	35.001.13	A-004
2644	35.001.21	A-006	7352431	35.001.01	A-001	900255	35.001.15	A-004	VKUA4579A	35.001.14	A-004
2645	35.001.03	A-001	7363278	35.001.01	A-001	900256	35.001.16	A-005	VKUA4581A	35.001.15	A-004
2647	35.002.08	A-010	9297873	35.001.00	A-001	900264	35.006.00	A-011	VKUA4584A	35.001.16	A-005
2654	35.001.28	A-007	9300247	35.001.00	A-001	900265	35.001.17	A-005	VKUA4588A	35.006.00	A-011
2891	35.002.03	A-009	HDS MECPAR			900270	35.007.01	A-012	VKUA4590A	35.001.17	A-005
2894	35.001.01	A-001	CR1001	35.001.01	A-001	900271	35.001.18	A-005	VKUA4593A	35.007.01	A-012
2896	35.001.05	A-002	CR1003	35.001.13	A-004	900274	35.006.02	A-012	VKUA4715A	35.001.08	A-003
2897	35.001.06	A-002	CR1004	35.001.05	A-002	900288	35.002.06	A-009	SPICER		
2898	35.001.04	A-002	CR1005	35.001.14	A-004	MERCEDES BENZ			5-111X	35.001.31	A-008
2901	35.001.14	A-004	CR1006	35.001.16	A-005	0004103331	35.001.29	A-007	5-12022X	35.002.06	A-009
2902	35.001.13	A-004	CR1007	35.006.00	A-011	0004103431	35.001.29	A-007	5-12062X	35.001.17	A-005
2903	35.001.16	A-005	CR1008	35.007.01	A-012	A0004103331	35.001.29	A-007	5-12062XS	35.001.17	A-005
2904	35.007.00	A-012	CR1009	35.001.15	A-004	MERITOR			5-12072X	35.001.19	A-005
2906	35.007.01	A-012	CR1010	35.001.17	A-005	801000	35.002.04	A-009	5-12072XS	35.001.19	A-005
2907	35.003.00	A-010	CR1011	35.006.02	A-012	801001	35.001.14	A-004	5-12100X	35.001.07	A-002
2908	35.001.00	A-001	CR1012	35.001.20	A-006	801002	35.001.07	A-002	5-12100XS	35.001.07	A-002
2909	35.003.01	A-010	CR1013	35.001.11	A-003	801005	35.001.10	A-003	5-121X	35.001.01	A-001
2918	35.005.00	A-011	CR1014	35.007.00	A-012	801006	35.006.02	A-012	5-12213X	35.002.04	A-009
2925	35.001.17	A-005	CR1016	35.006.01	A-012	801007	35.003.01	A-010	5-12213XS	35.002.04	A-009
2926	35.001.07	A-002	CR1017	35.001.18	A-005	801008	35.001.00	A-001	5-12219X	35.001.08	A-003
2927	35.002.02	A-009	CR1018	35.001.00	A-001	801009	35.001.01	A-001	5-12276X	35.001.12	A-004
2928	35.002.04	A-009	CR1019	35.001.02	A-001	801010	35.001.05	A-002	5-12276XS	35.001.12	A-004
2930	35.001.12	A-004	CR1059	35.002.00	A-008	801011	35.001.04	A-002	5-12278X	35.001.15	A-004
2931	35.001.15	A-004	CR1060	35.002.01	A-008	801012	35.007.00	A-012	5-12913X	35.003.03	A-011
2933	35.003.03	A-011	CR1061	35.002.02	A-009	801014	35.007.01	A-012	5-12924X	35.001.09	A-003
2934	35.001.09	A-003	CR1063	35.001.03	A-001	801016	35.005.00	A-011	5-12932X	35.001.10	A-003
2935	35.001.10	A-003	CR1103	35.002.03	A-009	801018	35.001.16	A-005	5-153X	35.001.01	A-001
2936	35.001.02	A-001	CR1301	35.002.04	A-009	801019	35.001.13	A-004	5-153XS	35.001.01	A-001
2941	35.001.08	A-003	CR1302	35.001.07	A-002	801021	35.006.00	A-011	5-160X	35.001.05	A-002
2956	35.006.00	A-011	CR1304	35.001.08	A-003	801022	35.001.06	A-002	5-160XS	35.001.05	A-002
2957	35.006.02	A-012	CR1306	35.001.09	A-003	801025	35.003.00	A-010	5-165X	35.001.06	A-002
3165	35.002.00	A-008	CR1307	35.001.10	A-003	801026	35.001.12	A-004	5-178X	35.001.04	A-002
3189	35.001.18	A-005	CR1312	35.002.06	A-009	801027	35.001.15	A-004	5-178XS	35.001.04	A-002
3190	35.006.01	A-012	CR1401	35.001.12	A-004	801029	35.001.09	A-003	5-20X	35.002.03	A-009
3195	35.001.20	A-006	CR1402	35.001.19	A-005	801031	35.001.18	A-005	5-263X	35.001.14	A-004
3197	35.001.19	A-005	CR1404	35.001.06	A-002	801032	35.001.17	A-005	5-263XS	35.001.14	A-004
COTRAME			CR1501	35.001.04	A-002	801033	35.001.08	A-003	5-273X	35.001.13	A-004
CC-04S	35.001.02	A-001	CR1904	35.003.00	A-010	MULLER WABCO			5-273XS	35.001.13	A-004
CC-101/1	35.002.04	A-009	CR1905	35.005.00	A-011	66300126	35.001.00	A-001	5-275X	35.001.16	A-005
CC-102/1	35.001.13	A-004	CR1926	35.003.02	A-011	NAKATA			5-275XS	35.001.16	A-005
CC-103/A	35.001.04	A-002	CR1930	35.003.03	A-011	NUJ12062	35.001.17	A-005	5-279X	35.007.00	A-012
CC-105/1	35.001.07	A-002	HYSTER			NUJ12072	35.001.19	A-005	5-279XS	35.007.00	A-012
CC-108/1	35.001.16	A-005	25420	35.001.02	A-001	NUJ12213	35.002.04	A-009	5-281X	35.007.01	A-012
CC-36RA	35.001.01	A-001	26126A	35.001.02	A-001	NUJ12278	35.001.15	A-004	5-281XS	35.007.01	A-012
CC-37	35.001.00	A-001	53066A	35.001.01	A-001	NUJ153	35.001.01	A-001	5-297X	35.002.02	A-009
CC-415	35.001.14	A-004	801506	35.001.01	A-001	NUJ160	35.001.05	A-002	5-297XS	35.002.02	A-009
CC-55A	35.001.05	A-002	802306	35.001.01	A-001	NUJ273	35.001.13	A-004	5-2X	35.001.02	A-001
ENGESA			802311	35.001.02	A-001	NUJ275	35.001.16	A-005	5-303X	35.003.00	A-010
2680302084	35.001.00	A-001	807043	35.001.00	A-001	NUJ281	35.007.01	A-012	5-310X	35.001.00	A-001
1514260032	35.001.01	A-001	IVECO			NUJ438	35.006.00	A-011	5-330X	35.003.01	A-010
5295021421	35.001.01	A-001	93160322A	35.001.01	A-001	NUJ510	35.006.01	A-012	5-348X	35.003.02	A-011
FIAT ALLIS			LADA			NUJSPL90	35.001.18	A-005	5-438X	35.006.00	A-011
4606993	35.001.02	A-001	2101.220.20.25	35.001.02	A-001	SKF			5-438XS	35.006.00	A-011
75206003	35.001.00	A-001	LONTRA			VKUA4532A	35.007.00	A-012	5-510X	35.006.01	A-012
75216003	35.001.00	A-001	900120	35.001.00	A-001	VKUA4541A	35.001.06	A-002	5-510XS	35.006.01	A-012

EQUIVALÊNCIA

CROSS REFERENCE

CRUZETA U-JOINT	N° ZM ZM Nr.	Pag. Page	CRUZETA U-JOINT	N° ZM ZM Nr.	Pag. Page	CRUZETA U-JOINT	N° ZM ZM Nr.	Pag. Page	CRUZETA U-JOINT	N° ZM ZM Nr.	Pag. Page
SPICER			VOLKSWAGEN								
5-515X	35.006.02	A-012	2994958	35.001.01	A-001						
5-6106X	35.005.00	A-011	2994959	35.001.01	A-001						
5-618X	35.001.22	A-006	VOLVO								
5-641X	35.001.23	A-006	3319735	35.001.00	A-001						
5C-5X	35.003.02	A-011	6855523	35.001.01	A-001						
6C-1X	35.005.00	A-011	6885182	35.001.00	A-001						
6C-3X	35.003.00	A-010	6885523	35.001.01	A-001						
SPL140-1X	35.001.21	A-006	WILLYS OVERLAND								
SPL170-1X	35.001.20	A-006	906929	35.001.01	A-001						
SPL250-1X	35.001.11	A-003	BE2C7039A	35.001.01	A-001						
SPL250-1XS	35.001.11	A-003									
SPL90-1X	35.001.18	A-005									
STAHL											
CZ-108	35.003.00	A-010									
CZ-109	35.005.00	A-011									
CZ-120	35.001.00	A-001									
CZ-121	35.001.01	A-001									
CZ-122	35.001.02	A-001									
CZ-124	35.007.00	A-012									
CZ-128	35.003.01	A-010									
CZ-170	35.001.03	A-001									
CZ-171	35.002.00	A-008									
CZ-172	35.002.01	A-008									
CZ-177	35.003.02	A-011									
CZ-180	35.002.02	A-009									
CZ-208	35.001.04	A-002									
CZ-210	35.001.05	A-002									
CZ-221	35.001.06	A-002									
CZ-225	35.001.01	A-001									
CZ-226	35.002.03	A-009									
CZ-227	35.002.04	A-009									
CZ-228	35.001.07	A-002									
CZ-229	35.001.08	A-003									
CZ-230	35.001.09	A-003									
CZ-231	35.001.10	A-003									
CZ-232	35.001.11	A-003									
CZ-251	35.001.12	A-004									
CZ-252	35.001.13	A-004									
CZ-253	35.001.00	A-001									
CZ-254	35.001.14	A-004									
CZ-255	35.001.15	A-004									
CZ-256	35.001.16	A-005									
CZ-259	35.001.30	A-008									
CZ-264	35.006.00	A-011									
CZ-265	35.001.17	A-005									
CZ-266	35.003.03	A-011									
CZ-270	35.007.01	A-012									
CZ-271	35.001.18	A-005									
CZ-272	35.006.01	A-012									
CZ-274	35.006.02	A-012									
CZ-277	35.001.19	A-005									
CZ-279	35.001.08	A-003									
CZ-284	35.001.20	A-006									
CZ-288	35.002.06	A-009									
CZ-290	35.001.21	A-006									
CZ-291	35.001.22	A-006									
CZ-292	35.001.23	A-006									
CZ-294	35.002.07	A-010									
CZ-296	35.001.26	A-007									
CZ-297	35.001.27	A-007									
CZ-298	35.002.08	A-010									
CZ-299	35.001.28	A-007									
VME CLARK MICHIGAN											
3319735	35.001.00	A-001									
822802	35.001.01	A-001									
865665	35.001.01	A-001									
VOLKSWAGEN											
2VF598089	35.001.29	A-007									
2115013861	35.001.01	A-001									

AGRALE		de/from	até/until	ZM	Pag.
1600 D		-	-	35.001.13	A-004
1800 D		-	-	35.001.13	A-004
4500 D		-	-	35.001.13	A-004
5000 D		-	-	35.001.13	A-004
5010 Deutz		-	-	35.001.13	A-004
6.0 TCA		-	-	35.001.14	A-004
6000 Ônibus A6 Volare		-	-	35.003.03	A-011
6000D		-	-	35.001.05	A-002
7000 D		-	-	35.001.05	A-002
7000 DX		-	-	35.001.05	A-002
7500		-	-	35.003.02	A-011
7500 DTX 4.1T		-	-	35.001.14	A-004
8000 Ônibus A8 Volare		-	-	35.003.02	A-011
8000MA		-	-	35.001.05	A-002
8500		-	-	35.001.14	A-004
MA 5.5T		-	-	35.001.05	A-002
MA 7.5 T		-	-	35.001.14	A-004
MA 8.5T		-	-	35.001.14	A-004
Volare A8-8500		-	-	35.001.05	A-002
ALFA ROMEO		de/from	até/until	ZM	Pag.
2300		-	-	35.001.01	A-001
ASIA MOTORS		de/from	até/until	ZM	Pag.
Towner		-	-	35.002.07	A-010
CASE		de/from	até/until	ZM	Pag.
Escavadeira	4490	-	-	35.003.01	A-010
	LC-80	-	-	35.001.16	A-005
	LY-2P	-	-	35.001.16	A-005
	LY-80	-	-	35.001.16	A-005
	W-36	-	-	35.003.01	A-010
Pá Carregadeira W-7		-	-	35.003.03	A-011
Pá Carregadeira W-7E	Cardan do power shift aos diferenciais	-	-	35.001.05	A-002
CATERPILLAR		de/from	até/until	ZM	Pag.
Colheitadeira MT 875		-	-	35.001.09	A-003
Pá Carregadeira 924		-	-	35.001.16	A-005
Pá Carregadeira 924F		-	-	35.001.14	A-004
Pá Carregadeira 930		-	-	35.003.00	A-010
Pá Carregadeira 955		-	-	35.005.00	A-011
Trator D6D-PS / D7		-	-	35.005.00	A-011
CBT		de/from	até/until	ZM	Pag.
Jeep Javali (Eixo Dianteiro)		-	-	35.002.02	A-009
CHRYSLER-DODGE		de/from	até/until	ZM	Pag.
Dakota		-	-	35.001.22	A-006
Dodge	Motor 1800	-	-	35.001.02	A-001
CUMMINS		de/from	até/until	ZM	Pag.
Dynapac Compactador	CA-15	-	-	35.001.00	A-001
	CA-25	-	-	35.001.00	A-001
	CA-35	-	-	35.001.00	A-001
DYNAPAC		de/from	até/until	ZM	Pag.
Compactador	A-15	-	-	35.001.13	A-004
	CA-15	-	-	35.001.13	A-004
	CA-25	-	-	35.001.05	A-002
	CA-35	-	-	35.001.05	A-002
	CP-15	-	-	35.001.05	A-002
	CP-21	-	-	35.001.05	A-002
		-	-	35.001.06	A-002
		-	-	35.001.14	A-004
	CP-22	-	-	35.001.14	A-004

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DYNAPAC		de/from	até/until	ZM	Pag.	
Compactador	CP-27	-	-	35.001.14	A-004	
	CT-20	-	-	35.001.16	A-005	
	CT-25	-	-	35.001.06	A-002	
		-	-	35.001.16	A-005	
	-	-	35.003.00	A-010		
	-	-	35.003.01	A-010		
	-	-	35.006.00	A-011		
	DPD-26	-	-	35.001.13	A-004	
Trator TR-25		-	-	35.001.06	A-002	
		-	-	35.001.16	A-005	
		-	-	35.003.00	A-010	
		-	-	35.003.01	A-010	
ENGESA		de/from	até/until	ZM	Pag.	
Trator 1124	Cardan da caixa de mudança à caixa de transfrência	-	-	35.001.15	A-004	
Trator Agrícola	MD 1124	-	-	35.001.00	A-001	
		-	-	35.001.06	A-002	
FIAT		de/from	até/until	ZM	Pag.	
F140NS		-	-	35.001.16	A-005	
FNM	180C	-	-	35.001.05	A-002	
	210CL	-	-	35.001.06	A-002	
	210CM	-	-	35.001.06	A-002	
	70CF190E	-	-	35.001.05	A-002	
	70M	-	-	35.001.05	A-002	
	70N	-	-	35.001.05	A-002	
	80F	-	-	35.001.05	A-002	
	C3	-	-	35.001.05	A-002	
	F120LS	-	-	35.001.14	A-004	
	F120NS	-	-	35.001.14	A-004	
	F190	-	-	35.001.15	A-004	
	F190C	-	-	35.001.15	A-004	
	F190E	-	-	35.001.06	A-002	
		-	-	35.001.15	A-004	
		F190H (Caixa ZF ou Fuller)	-	-	35.001.14	A-004
		-	-	-	35.001.15	A-004
		F190T	-	-	35.001.16	A-005
	L210CM	-	-	35.001.05	A-002	
	M3	-	-	35.001.05	A-002	
	N3	-	-	35.001.14	A-004	
N3		-	-	35.001.16	A-005	
SLD		-	-	35.001.16	A-005	
SLS		-	-	35.001.16	A-005	
Trator F130		-	-	35.001.16	A-005	
FIAT-IVECO		de/from	até/until	ZM	Pag.	
150E 20N		-	-	35.006.00	A-011	
150E 20T		-	-	35.006.00	A-011	
160E 23N		-	-	35.006.00	A-011	
Cursor 450E37		-	-	35.001.11	A-003	
Cursor 8190E31		-	-	35.001.11	A-003	
Daily	35.10 3.0 Turbo	01/2000	12/2006	35.001.01	A-001	
Eurocargo	120E 15N	-	-	35.001.16	A-005	
Eurotec	HM 450E37	-	-	35.001.11	A-003	
	HM200 E37	-	-	35.001.11	A-003	
Power Star		-	-	35.001.11	A-003	
Stralis		-	-	35.001.11	A-003	
FIATALLIS		de/from	até/until	ZM	Pag.	
7TBA	Cardan do motor a bomba	01/1980	-	35.001.00	A-001	
AD-7		-	-	35.001.00	A-001	
C-300		-	-	35.001.05	A-002	
Motoniveladora FG-85		-	-	35.005.00	A-011	
Pá Carregadeira	134BR	-	-	35.001.16	A-005	
		-	-	35.003.00	A-010	

FIATALLIS		de/from	até/until	ZM	Pag.
Pá Carregadeira	134BR	-	-	35.003.03	A-011
	1500B	-	-	35.003.00	A-010
		-	-	35.003.03	A-011
	1900B	-	-	35.001.16	A-005
		-	-	35.003.00	A-010
		-	-	35.003.03	A-011
	FR-10M	-	-	35.003.00	A-010
	FR-12M (Power Shift à mudança)	-	-	35.001.16	A-005
-	-	-	35.003.00	A-010	
Trator de esteira	AD-14CS	-	-	35.001.16	A-005
FORD		de/from	até/until	ZM	Pag.
Belina	4x4	01/1983	12/1992	35.001.00	A-001
	II 4x4	01/1983	12/1992	35.001.00	A-001
	Semi eixo	01/1970	12/1977	35.001.02	A-001
		-	-	35.001.31	A-008
Cargo 1113		-	-	35.001.14	A-004
Cargo 1114		-	-	35.001.14	A-004
		-	-	35.001.16	A-005
Cargo 1215		-	-	35.001.16	A-005
Cargo 1314		-	-	35.001.14	A-004
		-	-	35.001.16	A-005
Cargo 1415		-	-	35.001.14	A-004
		-	-	35.001.16	A-005
Cargo 1514		-	-	35.001.16	A-005
Cargo 1521		-	-	35.006.02	A-012
Cargo 1616		-	-	35.001.16	A-005
Cargo 1618		-	-	35.001.16	A-005
Cargo 1621		-	-	35.006.02	A-012
Cargo 1624		-	-	35.006.02	A-012
Cargo 1630		-	-	35.006.02	A-012
Cargo 2217		-	-	35.001.16	A-005
Cargo 2218		-	-	35.001.16	A-005
Cargo 2321		-	-	35.006.02	A-012
Cargo 2324		-	-	35.006.02	A-012
Cargo 2422		-	-	35.006.02	A-012
		-	-	35.007.00	A-012
Cargo 2425		-	-	35.007.00	A-012
Cargo 2630		-	-	35.006.02	A-012
		-	-	35.007.00	A-012
Cargo 2631		-	-	35.006.02	A-012
Cargo 3021		-	-	35.006.02	A-012
Cargo 3224		-	-	35.006.02	A-012
Cargo 3530		-	-	35.006.02	A-012
Cargo 4030		-	-	35.006.01	A-012
Cargo 814		-	-	35.001.14	A-004
Cargo Turbo 1422		-	-	35.006.00	A-011
Cargo Turbo 1618		-	-	35.006.00	A-011
Cargo Turbo 1622		-	-	35.006.00	A-011
Cargo Turbo 2218		-	-	35.006.00	A-011
Cargo Turbo 2322		-	-	35.006.00	A-011
Cargo Turbo 2425		-	-	35.006.00	A-011
Cargo Turbo 2630		-	-	35.006.00	A-011
Cargo Turbo 3224		-	-	35.006.00	A-011
Corcel	Semi-eixo	01/1970	12/1977	35.001.02	A-001
		-	-	35.001.31	A-008
F 100	4x2	01/1956	12/1979	35.001.01	A-001
F 1000	4x2	01/1985	12/1992	35.001.01	A-001
	4x4 eixo dianteiro	-	-	35.002.02	A-009
	Turbo	-	-	35.001.05	A-002
	com motor MWM 4x2	01/1979	12/1992	35.001.01	A-001
		-	-	35.001.13	A-004

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FORD		de/from	até/until	ZM	Pag.
F 1000		-	-	35.001.22	A-006
F 11000		-	-	35.001.05	A-002
		-	-	35.001.14	A-004
F 12000		-	-	35.001.14	A-004
		-	-	35.001.16	A-005
F 13000		-	-	35.001.14	A-004
F 14000		-	-	35.001.14	A-004
F 17000		-	-	35.001.14	A-004
F 19000		-	-	35.001.14	A-004
F 2000		-	-	35.001.13	A-004
F 21000		-	-	35.001.14	A-004
F 22000		-	-	35.001.16	A-005
F 250		-	-	35.001.23	A-006
F 350	4x2	01/1962	12/1971	35.001.01	A-001
		-	-	35.001.13	A-004
		-	-	35.001.23	A-006
F 400		-	-	35.001.13	A-004
F 4000		-	-	35.001.05	A-002
		-	-	35.001.13	A-004
F 600		-	-	35.001.05	A-002
F 700		-	-	35.001.14	A-004
F 7000		-	-	35.001.14	A-004
F 750		-	-	35.001.14	A-004
F 8000		-	-	35.001.06	A-002
F 8500		-	-	35.001.06	A-002
FT 7000		-	-	35.001.14	A-004
FT 8000		-	-	35.001.06	A-002
Galaxie	4x2	01/1966	12/1968	35.001.01	A-001
		-	-	35.001.14	A-004
Jeep	4x4	01/1960	-	35.002.03	A-009
		-	-	35.001.14	A-004
Maverick		-	-	35.001.14	A-004
		01/1974	12/1979	35.001.01	A-001
Pampa	1.8 4x4	01/1983	12/1992	35.001.00	A-001
	4x4	01/1983	12/1992	35.001.00	A-001
Pick-up	4x4 Eixo Dianteiro	-	-	35.002.03	A-009
		-	-	35.001.14	A-004
Ranger		-	-	35.001.22	A-006
Rural	4x4	01/1960	-	35.002.03	A-009
FORD-WILLYS		de/from	até/until	ZM	Pag.
Jeep		01/1960	12/1978	35.001.01	A-001
GM-CHEVROLET		de/from	até/until	ZM	Pag.
6100		-	-	35.001.05	A-002
6150		-	-	35.001.05	A-002
6400		-	-	35.001.05	A-002
6500		-	-	35.001.05	A-002
A series	A 10	01/1970	-	35.001.01	A-001
		-	-	35.001.16	A-005
	A 14	-	-	35.001.13	A-004
		01/1970	12/1985	35.001.01	A-001
	A 20	-	-	35.001.13	A-004
	A 24	-	-	35.001.13	A-004
	A 25	-	-	35.001.13	A-004
	A 40	-	-	35.001.05	A-002
	A 64	-	-	35.001.16	A-005
	A 65	-	-	35.001.16	A-005
	A 68	-	-	35.001.16	A-005
	A 74	-	-	35.001.16	A-005
	A 75	-	-	35.001.16	A-005
	A 78	-	-	35.001.16	A-005
	A 85	-	-	35.001.16	A-005

GM-CHEVROLET		de/from	até/until	ZM	Pag.	
A series	A 88	-	-	35.001.16	A-005	
	A 95	-	-	35.001.16	A-005	
	A 98	-	-	35.001.16	A-005	
Blazer		-	-	35.001.13	A-004	
Bonanza		-	-	35.001.05	A-002	
		-	-	35.001.13	A-004	
C series	C 10	01/1970	-	35.001.01	A-001	
		-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 14	-	-	35.001.04	A-002	
		-	-	35.001.05	A-002	
		-	-	35.001.13	A-004	
		01/1970	12/1985	35.001.01	A-001	
		-	-	35.001.05	A-002	
	C 15	-	-	35.001.05	A-002	
	C 20	-	-	35.001.13	A-004	
	C 24	-	-	35.001.13	A-004	
	C 25	-	-	35.001.13	A-004	
	C 40	-	-	35.001.05	A-002	
	C 64	-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 65	-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 68	-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 74	-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 75	-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 78	-	-	35.001.05	A-002	
		-	-	35.001.16	A-005	
	C 85	-	-	35.001.16	A-005	
	C 88	-	-	35.001.16	A-005	
	C 95	-	-	35.001.16	A-005	
	Chevette		-	-	35.001.31	A-008
			01/1969	12/1974	35.001.02	A-001
			01/1973	12/1995	35.001.00	A-001
	D series	D 10	01/1970	-	35.001.01	A-001
-			-	35.001.13	A-004	
-			-	35.001.13	A-004	
D 14		-	-	35.001.13	A-004	
		01/1970	12/1985	35.001.01	A-001	
		-	-	35.001.13	A-004	
D 20		-	-	35.001.05	A-002	
D 20 Turbo		-	-	35.001.05	A-002	
D 24		-	-	35.001.13	A-004	
D 25		-	-	35.001.13	A-004	
D 40		-	-	35.001.05	A-002	
D 60		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	
D 64		-	-	35.001.05	A-002	
		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	
D 65		-	-	35.001.05	A-002	
		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	
D 68		-	-	35.001.05	A-002	
		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	
D 70		-	-	35.001.14	A-004	
D 74		-	-	35.001.05	A-002	
		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	
D 75		-	-	35.001.05	A-002	
		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	

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GM-CHEVROLET		de/from	até/until	ZM	Pag.	
D series	D 78	-	-	35.001.05	A-002	
		-	-	35.001.14	A-004	
		-	-	35.001.16	A-005	
	D 85	-	-	35.001.16	A-005	
		D 88	-	-	35.001.16	A-005
		D 95	-	-	35.001.16	A-005
		D 98	-	-	35.001.16	A-005
Grand Blazer	-	-	35.001.13	A-004		
Opala	com motor 4 cilindros	01/0197	12/1992	35.001.00	A-001	
	com motor 6 cilindros	01/0197	12/1992	35.001.00	A-001	
	-	-	35.001.31	A-008		
		01/1969	12/1974	35.001.02	A-001	
S10	-	-	35.001.13	A-004		
Silverado	-	-	35.001.05	A-002		
	-	-	35.001.13	A-004		
GMC		de/from	até/until	ZM	Pag.	
12-170	-	-	35.006.00	A-011		
12-220	-	-	35.006.00	A-011		
14-190	-	-	35.006.00	A-011		
15-190	-	-	35.006.00	A-011		
16-220	-	-	35.006.00	A-011		
HYSTER		de/from	até/until	ZM	Pag.	
Empilhadeira	H110	-	-	35.001.00	A-001	
	H130	-	-	35.001.00	A-001	
	H150	-	-	35.001.00	A-001	
	H180	-	-	35.001.00	A-001	
	H220	-	-	35.001.00	A-001	
	H225	-	-	35.001.00	A-001	
	H2600-3	-	-	35.003.01	A-010	
K110	-	-	35.001.00	A-001		
HYUNDAI		de/from	até/until	ZM	Pag.	
H100	2.4	-	-	35.001.03	A-001	
KIA MOTORS		de/from	até/until	ZM	Pag.	
Best A	com motor 2.2	-	-	35.002.00	A-008	
	com motor 2.7	-	-	35.002.01	A-008	
Topic		01/1994	-	35.002.01	A-008	
		-	01/1994	35.002.00	A-008	
KOMATSU		de/from	até/until	ZM	Pag.	
AX	-	-	35.001.05	A-002		
AY	-	-	35.001.05	A-002		
Esteira	D30E	-	-	35.001.00	A-001	
	D50A	-	-	35.001.00	A-001	
	D60	-	-	35.001.00	A-001	
	D65 (Motor à bomba hidráulica)	-	-	35.001.00	A-001	
Guindaste 150	-	-	35.003.00	A-010		
Guindaste 150A	-	-	35.001.00	A-001		
	-	-	35.001.05	A-002		
Guindaste Galion 150A	-	-	35.003.01	A-010		
KAR	-	-	35.001.05	A-002		
KAR - AY	-	-	35.001.00	A-001		
Motoniveladora	HWB-A400E	-	-	35.003.00	A-010	
	HWB-A450E	-	-	35.003.00	A-010	
	-	-	35.001.06	A-002		
Retroescavadeira 660-MII	-	-	35.001.00	A-001		
	-	-	35.003.00	A-010		
Trator de Esteira	D60A/ D60E/ D65A/ D65E	-	-	35.005.00	A-011	
LADA		de/from	até/until	ZM	Pag.	
Laika	-	-	35.001.02	A-001		
MARFESA		de/from	até/until	ZM	Pag.	
Onibus M-210	-	-	35.001.17	A-005		

MERCEDES BENZ		de/from	até/until	ZM	Pag.
Coluna de Direção		-	-	35.001.30	A-008
1111		-	-	35.002.04	A-009
1113	LO Series	-	-	35.002.04	A-009
	LP Series	-	-	35.002.04	A-009
1114		-	-	35.002.04	A-009
1115		-	-	35.002.04	A-009
1116		-	-	35.002.04	A-009
1118		-	-	35.002.04	A-009
1214	C	-	-	35.001.16	A-005
	K	-	-	35.001.16	A-005
		-	-	35.001.18	A-005
		-	-	35.001.29	A-007
		-	-	35.002.04	A-009
1215		-	-	35.001.18	A-005
1218	L Series	-	-	35.001.18	A-005
	LR Series	-	-	35.001.18	A-005
		-	-	35.001.07	A-002
		-	-	35.002.06	A-009
1313		-	-	35.002.04	A-009
		-	-	35.006.00	A-011
1314		-	-	35.001.07	A-002
1315		-	-	35.002.04	A-009
1316		-	-	35.002.04	A-009
1317		-	-	35.002.04	A-009
1318		-	-	35.002.04	A-009
1319		-	-	35.001.07	A-002
1413		-	-	35.001.08	A-003
1414		-	-	35.002.04	A-009
1418		-	-	35.001.07	A-002
		-	-	35.001.18	A-005
		-	-	35.002.04	A-009
		-	-	35.002.06	A-009
		-	-	35.006.00	A-011
1418E		-	-	35.006.00	A-011
1513		-	-	35.002.04	A-009
1514		-	-	35.002.04	A-009
1516		-	-	35.002.04	A-009
1517		-	-	35.002.04	A-009
1518		-	-	35.001.07	A-002
		-	-	35.002.04	A-009
1519		-	-	35.001.07	A-002
1524		-	-	35.001.10	A-003
1525		-	-	35.001.10	A-003
1614		-	-	35.002.04	A-009
1618		-	-	35.001.07	A-002
		-	-	35.002.06	A-009
		-	-	35.006.00	A-011
1618E		-	-	35.006.00	A-011
1620		-	-	35.001.18	A-005
		-	-	35.006.00	A-011
1621	L	-	-	35.001.09	A-003
	LK	-	-	35.001.09	A-003
1622	Eletrônico	-	-	35.001.21	A-006
		-	-	35.001.09	A-003
1624		-	-	35.001.09	A-003
1625		-	-	35.001.09	A-003
		-	-	35.001.10	A-003
1632		-	-	35.001.09	A-003
		-	-	35.001.10	A-003
1633		-	-	35.001.10	A-003
1651		-	-	35.001.18	A-005

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MERCEDES BENZ		de/from	até/until	ZM	Pag.
1714		-	-	35.002.04	A-009
1718		-	-	35.002.04	A-009
		-	-	35.002.06	A-009
		-	-	35.006.00	A-011
1720		-	-	35.001.18	A-005
		-	-	35.006.00	A-011
1721		-	-	35.001.09	A-003
1722		-	-	35.001.09	A-003
		01/2005	12/2006	35.001.21	A-006
1723		-	-	35.006.02	A-012
1919		-	-	35.001.08	A-003
1921		-	-	35.001.09	A-003
1924-A		-	-	35.001.10	A-003
1928		-	-	35.001.08	A-003
1929		-	-	35.001.10	A-003
1932		-	-	35.001.10	A-003
1933		-	-	35.001.10	A-003
1934		-	-	35.001.10	A-003
1935		-	-	35.001.10	A-003
1938		-	-	35.001.10	A-003
1939		-	-	35.001.10	A-003
2013		-	-	35.002.04	A-009
2014		-	-	35.002.04	A-009
2213		-	-	35.002.04	A-009
2214		-	-	35.002.04	A-009
2215		-	-	35.001.08	A-003
		-	-	35.002.04	A-009
2216		-	-	35.002.04	A-009
2217		-	-	35.001.08	A-003
		-	-	35.002.04	A-009
2219		-	-	35.001.07	A-002
2219L		-	-	35.001.08	A-003
2219LA		-	-	35.001.08	A-003
2219LK		-	-	35.001.08	A-003
2220		-	-	35.001.07	A-002
		-	-	35.001.08	A-003
2225		-	-	35.001.08	A-003
		-	-	35.001.10	A-003
2314		-	-	35.002.04	A-009
2317		-	-	35.002.04	A-009
2318		-	-	35.001.17	A-005
		-	-	35.002.06	A-009
		-	-	35.006.00	A-011
2325		-	-	35.001.08	A-003
		-	-	35.001.10	A-003
2418		-	-	35.002.06	A-009
2423	B Series	-	-	35.001.17	A-005
		-	-	35.001.21	A-006
	K Series	-	-	35.001.17	A-005
		-	-	35.001.21	A-006
		-	-	35.001.11	A-003
2428		-	-	35.001.11	A-003
		-	-	35.001.17	A-005
2638 L, LS, LK	S	01/2006	-	35.001.20	A-006
608	L Series	-	-	35.002.04	A-009
		-	-	35.002.04	A-009
712		-	-	35.001.16	A-005
		-	-	35.001.29	A-007
914		-	-	35.001.16	A-005
		-	-	35.001.29	A-007
Axor	2826	-	-	35.001.20	A-006

MERCEDES BENZ		de/from	até/until	ZM	Pag.
Axor	2831	-	-	35.001.20	A-006
	3340	-	-	35.001.20	A-006
	3344	-	-	35.001.20	A-006
	4140	-	-	35.001.20	A-006
	4144	-	-	35.001.20	A-006
K 1218		-	-	35.006.00	A-011
L 1218		-	-	35.006.00	A-011
L 1623		-	-	35.006.02	A-012
L 1932		-	-	35.001.11	A-003
L 1938		-	-	35.001.11	A-003
L 2318		-	-	35.001.17	A-005
L 2638		-	-	35.001.11	A-003
L 709		-	-	35.001.14	A-004
L 710		-	-	35.001.14	A-004
L 912		-	-	35.001.14	A-004
LB 2325		-	-	35.001.17	A-005
LB-2318		-	-	35.001.09	A-003
LK 2325		-	-	35.001.17	A-005
LK 2638		-	-	35.001.11	A-003
LO 710		-	-	35.001.14	A-004
LO 809		-	-	35.001.14	A-004
		-	-	35.002.04	A-009
LO 812		-	-	35.001.14	A-004
LO 814		-	-	35.001.29	A-007
		-	-	35.002.04	A-009
LO 914		-	-	35.001.16	A-005
		-	-	35.002.04	A-009
LPO 1113		-	-	35.002.04	A-009
LPO 1114		-	-	35.002.04	A-009
LS 1623		-	-	35.006.02	A-012
LS 1634		-	-	35.001.11	A-003
LS 1924		-	-	35.001.09	A-003
LS 1938		-	-	35.001.11	A-003
LS 2638		-	-	35.001.11	A-003
O 301		-	-	35.002.04	A-009
O 321		-	-	35.002.04	A-009
O 326		-	-	35.001.07	A-002
O 352		-	-	35.002.04	A-009
O 355		-	-	35.001.07	A-002
O 362		-	-	35.001.07	A-002
O 364		-	-	35.001.07	A-002
		-	-	35.002.04	A-009
O 370		-	-	35.001.08	A-003
		-	-	35.001.09	A-003
		-	-	35.001.10	A-003
O 370RS		-	-	35.001.17	A-005
O 371		-	-	35.001.08	A-003
		-	-	35.001.09	A-003
		-	-	35.001.17	A-005
O 400		-	-	35.001.08	A-003
		-	-	35.001.10	A-003
O 400RS		-	-	35.006.01	A-012
		-	-	35.007.01	A-012
O 400RSD		-	-	35.007.01	A-012
O 400RSO		-	-	35.006.01	A-012
O 400SER		-	-	35.006.01	A-012
O 400UPA		-	-	35.006.01	A-012
O 400UR		-	-	35.001.17	A-005
OF 809		-	-	35.001.14	A-004
OF 1111		-	-	35.002.04	A-009
OF 1113		-	-	35.002.04	A-009

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MERCEDES BENZ		de/from	até/until	ZM	Pag.
OF 1115		-	-	35.002.04	A-009
OF 1116		-	-	35.002.04	A-009
OF 1214		-	-	35.002.04	A-009
OF 1313		-	-	35.002.04	A-009
OF 1315		-	-	35.002.04	A-009
OF 1316		-	-	35.002.04	A-009
OF 1318		-	-	35.001.07	A-002
		-	-	35.006.00	A-011
OF 1414		-	-	35.002.04	A-009
OF 1417		-	-	35.001.18	A-005
OF 1513		-	-	35.002.04	A-009
OF 1516		-	-	35.002.04	A-009
OF 1517		-	-	35.002.04	A-009
OF 1614		-	-	35.002.04	A-009
OF 1620		-	-	35.006.00	A-011
OF 1714		-	-	35.002.04	A-009
OF 1721		-	-	35.001.18	A-005
OF 2013		-	-	35.002.04	A-009
OF 2213		-	-	35.002.04	A-009
OF 2317		-	-	35.002.04	A-009
OF 712		-	-	35.001.14	A-004
OH 1113		-	-	35.002.04	A-009
OH 1115		-	-	35.002.04	A-009
OH 1313		-	-	35.002.04	A-009
OH 1316		-	-	35.002.04	A-009
OH 1419		-	-	35.001.07	A-002
OH 1420		-	-	35.001.18	A-005
		-	-	35.006.00	A-011
OH 1517		-	-	35.001.07	A-002
		-	-	35.002.04	A-009
OH 1520		-	-	35.001.07	A-002
		-	-	35.006.00	A-011
OH 1521		-	-	35.006.00	A-011
OH 1621		-	-	35.001.18	A-005
		-	-	35.006.00	A-011
OH 1621L		-	-	35.001.17	A-005
OH 1623	LG	-	-	35.006.02	A-012
	LG M 366 LAG	-	-	35.001.17	A-005
OH 1625L		-	-	35.006.01	A-012
OH 1628	L	-	-	35.001.17	A-005
OH 1628L		-	-	35.006.01	A-012
OH 1636L		-	-	35.006.01	A-012
		-	-	35.007.01	A-012
OH 321		-	-	35.002.04	A-009
OH 352		-	-	35.002.04	A-009
R 1218		-	-	35.006.00	A-011
Ônibus O 500		-	-	35.001.11	A-003
MITSUBISHI		de/from	até/until	ZM	Pag.
L 200		-	-	35.001.28	A-007
MÜLLER		de/from	até/until	ZM	Pag.
Compactador	23	-	-	35.001.16	A-005
(Wabco)	AP-23	-	-	35.001.16	A-005
Compactador AP-20		-	-	35.001.05	A-002
Compactador AP-23 / AP26		-	-	35.003.00	A-010
Compactador TM-17		-	-	35.006.00	A-011
TI-25		-	-	35.003.01	A-010
TI-36		-	-	35.001.15	A-004
		-	-	35.003.01	A-010
TM-14		-	-	35.001.06	A-002
TM-25		-	-	35.001.15	A-004

MÜLLER		de/from	até/until	ZM	Pag.
TM-28		-	-	35.001.15	A-004
TM-31		-	-	35.001.15	A-004
TS-22P		-	-	35.001.06	A-002
		-	-	35.003.01	A-010
Trator 120C/ 120D/ W-120		-	-	35.003.02	A-011
Trator TI-18 / TI-14 / TS22SP		-	-	35.003.00	A-010
W-22		-	-	35.001.06	A-002
W-23		-	-	35.001.15	A-004
NAVISTAR		de/from	até/until	ZM	Pag.
Caminhão 4700		-	-	35.006.02	A-012
Caminhão 4900		-	-	35.006.00	A-011
		-	-	35.006.02	A-012
Caminhão 9200		-	-	35.006.01	A-012
		-	-	35.006.02	A-012
Caminhão 9800		-	-	35.006.01	A-012
		-	-	35.006.02	A-012
RANDON		de/from	até/until	ZM	Pag.
RK-424		-	-	35.001.15	A-004
SCANIA		de/from	até/until	ZM	Pag.
111		-	-	35.001.06	A-002
113H		-	-	35.001.17	A-005
114G	Traçado	-	-	35.001.19	A-005
		-	-	35.001.17	A-005
L 110		-	-	35.001.12	A-004
		-	-	35.001.15	A-004
L 111		-	-	35.001.12	A-004
		-	-	35.001.15	A-004
L 113		-	-	35.001.15	A-004
L76		-	-	35.001.06	A-002
LK 110		-	-	35.001.15	A-004
LK 113		-	-	35.001.15	A-004
LS 110		-	-	35.001.12	A-004
		-	-	35.001.15	A-004
LS 111		-	-	35.001.12	A-004
		-	-	35.001.15	A-004
LS 113		-	-	35.001.15	A-004
LS76		-	-	35.001.06	A-002
P-40		-	-	35.001.17	A-005
P-500		-	-	35.001.19	A-005
P124		-	-	35.001.19	A-005
PF-40		-	-	35.001.17	A-005
PF-50		-	-	35.001.19	A-005
R 112		-	-	35.001.15	A-004
		-	-	35.007.01	A-012
R 113		-	-	35.001.15	A-004
		-	-	35.007.01	A-012
R 142		-	-	35.001.15	A-004
R124	(6X4)	-	-	35.001.17	A-005
T 112		-	-	35.001.15	A-004
		-	-	35.007.01	A-012
T 142		-	-	35.001.15	A-004
T 61		-	-	35.001.17	A-005
T112		-	-	35.001.15	A-004
T113		-	-	35.006.00	A-011
		-	-	35.007.01	A-012
T114 Series		-	-	35.001.19	A-005
T71		-	-	35.001.19	A-005
T81		-	-	35.001.19	A-005
TA-61		-	-	35.001.17	A-005
TA-71		-	-	35.001.17	A-005

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SCANIA		de/from	até/until	ZM	Pag.
TA-71		-	-	35.001.19	A-005
TA-81		-	-	35.001.19	A-005
Ônibus B 110		-	-	35.001.12	A-004
Ônibus BR 115		-	-	35.001.12	A-004
Ônibus b76		-	-	35.001.06	A-002
		-	-	35.006.02	A-012
TEMA TERRA		de/from	até/until	ZM	Pag.
735 VA	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
755	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SP-3000	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SP-35000	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SP-5500	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
		-	-	35.001.14	A-004
		-	-	35.003.00	A-010
Compactador	SP-12000	-	-	35.003.01	A-010
	SP-255	-	-	35.003.01	A-010
	SPV- 168	-	-	35.001.13	A-004
	SPV-48 (Vibratório)	-	-	35.001.13	A-004
Compactador 735 DD	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SP-12000 (Pneus)		-	-	35.001.06	A-002
SP-255 (Pé de Carneiro)		-	-	35.001.06	A-002
SP-6000	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SP-7000	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SP-8000	Pneus	-	-	35.001.14	A-004
		-	-	35.003.00	A-010
SP-80000	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
SPV-735	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
TT-1014	Pé de Carneiro - Cardan do power shift ao diferencial	-	-	35.001.05	A-002
TT-4420		-	-	35.003.00	A-010
TEREX		de/from	até/until	ZM	Pag.
33-03A		-	-	35.001.06	A-002
Pá Carregadeira	52-B	-	-	35.001.16	A-005
	72	-	-	35.001.16	A-005
Pá Carregadeira 95 S		-	-	35.003.00	A-010
R-22		-	-	35.001.06	A-002
Trator	611	-	-	35.001.16	A-005
	612	-	-	35.001.16	A-005
	615	-	-	35.001.16	A-005
	616	-	-	35.001.16	A-005
	629	-	-	35.001.16	A-005
	630	-	-	35.001.16	A-005
	TS-14	-	-	35.001.16	A-005
Trator 633		-	-	35.001.06	A-002
Trator 634		-	-	35.001.06	A-002
Trator D6-D, D6-OS		-	-	35.003.00	A-010
TOYOTA		de/from	até/until	ZM	Pag.
Bandeirante	4x4	-	-	35.001.04	A-002
Hilux	Pick-up 4x4	01/2005	-	35.001.26	A-007
	Pick-up Turbo E 2.8	-	-	35.002.08	A-010
	Pick-up Turbo e Aspirado 2.8 / 3.0	-	01/2004	35.001.27	A-007
		01/1997	12/2000	35.001.01	A-001
TROLLER		de/from	até/until	ZM	Pag.
T4	com motor MWM 2.8	01/1998	12/2001	35.001.01	A-001
Troller RF Sport		01/1998	12/2000	35.001.13	A-004
VALMET		de/from	até/until	ZM	Pag.
1080	4x4	-	-	35.001.05	A-002
118	4x4	-	-	35.001.05	A-002
128	4x4 com motor D 229-6 VS	-	-	35.001.05	A-002
	4x4 com motor PID A 229-6 álcool	-	-	35.001.05	A-002
685	4x4	-	-	35.001.05	A-002

VALMET		de/from	até/until	ZM	Pag.
785	4x4	-	-	35.001.05	A-002
885	4x4 com motor D 229-4 TM	-	-	35.001.05	A-002
980	4x4 Turbo com motor TD 229-4	-	-	35.001.05	A-002
985	4x4 com motor D 229 EC-4 TA	-	-	35.001.05	A-002
Trator 118/ 128/ 148		-	-	35.002.04	A-009
VILLARES		de/from	até/until	ZM	Pag.
Guindaste	20VE	-	-	35.001.06	A-002
	20VF	-	-	35.001.06	A-002
		-	-	35.001.16	A-005
	20VG	-	-	35.001.16	A-005
Guindaste 20VE / 20 VF Cabine Giratória		-	-	35.003.00	A-010
VME CLARK-MICHIGAN		de/from	até/until	ZM	Pag.
Caminhão A-25 (6x6)		-	-	35.001.15	A-004
		-	-	35.001.17	A-005
Empilhadeira 110/ 135/ 155		-	-	35.001.05	A-002
Empilhadeira 40/ 50/ 60		-	-	35.001.05	A-002
Empilhadeira C-300HY/ C-500Y		-	-	35.001.05	A-002
Empilhadeira C-500Y		-	-	35.003.00	A-010
Guindaste	(Cardan do power shift aos diferenciais)	-	-	35.001.06	A-002
	AW-714	-	-	35.001.06	A-002
	AW-720	-	-	35.001.06	A-002
Guindaste AW-714, AW-720		-	-	35.003.00	A-010
Pá Carregadeira 125C/ 125G/ 45C/ 55C/ 75A/ 75III/		-	-	35.003.00	A-010
Pá Carregadeira 55/ 75/ 85		-	-	35.005.00	A-011
Pá Carregadeira 55/ 75/ 85/ L90		-	-	35.003.01	A-010
Pá Carregadeira L-30		-	-	35.001.05	A-002
Pá Carregadeira L-90		-	-	35.006.00	A-011
VOLKSWAGEN		de/from	até/until	ZM	Pag.
11-130		-	-	35.001.14	A-004
11-30		-	-	35.001.14	A-004
11-40		-	-	35.001.14	A-004
12-140		-	-	35.001.14	A-004
12-190E		-	-	35.001.29	A-007
13-130		-	-	35.001.14	A-004
13-150		-	-	35.001.29	A-007
13-170		-	-	35.001.29	A-007
13-180		-	-	35.001.29	A-007
14-140		-	-	35.001.14	A-004
14-150		-	-	35.001.16	A-005
14-170		-	-	35.001.16	A-005
14-200		-	-	35.006.00	A-011
14-210		-	-	35.006.00	A-011
15-170		-	-	35.001.29	A-007
15-180		-	-	35.001.29	A-007
15-190		-	-	35.001.29	A-007
15-210		-	-	35.006.00	A-011
16-170		-	-	35.001.16	A-005
16-200		-	-	35.001.18	A-005
16-210		-	-	35.006.00	A-011
16-300		-	-	35.006.02	A-012
17-210		-	-	35.001.18	A-005
17-220		-	-	35.006.00	A-011
17-300		-	-	35.006.02	A-012
22-140		-	-	35.001.16	A-005
22-160		-	-	35.001.16	A-005

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VOLKSWAGEN		de/from	até/until	ZM	Pag.
22-210		-	-	35.006.00	A-011
23-220		-	-	35.006.02	A-012
24-220		-	-	35.006.00	A-011
		-	-	35.007.00	A-012
24-250		-	-	35.006.00	A-011
		-	-	35.006.02	A-012
		-	-	35.007.00	A-012
26-300		-	-	35.006.00	A-011
		-	-	35.006.02	A-012
		-	-	35.007.00	A-012
35-300		-	-	35.006.02	A-012
40-300		-	-	35.006.01	A-012
8-140		-	-	35.001.14	A-004
9-140		-	-	35.001.14	A-004
Caminhão	6-140	-	-	35.001.05	A-002
	6-80	-	-	35.001.05	A-002
	6-90	-	-	35.001.05	A-002
	7-90S	-	-	35.001.05	A-002
	7100	-	-	35.001.05	A-002
	8100	-	-	35.001.05	A-002
	D-700	-	-	35.001.05	A-002
	D-900	-	-	35.001.05	A-002
	D-950	-	-	35.001.05	A-002
	D-97	-	-	35.001.05	A-002
	P-700	-	-	35.001.05	A-002
D-950		-	-	35.001.14	A-004
P 400		-	-	35.001.13	A-004
Titan 18.310		-	-	35.006.01	A-012
VOLVO		de/from	até/until	ZM	Pag.
B 10R		-	-	35.001.15	A-004
		-	-	35.007.01	A-012
B 7R		-	-	35.001.15	A-004
B-58		-	-	35.001.06	A-002
		-	-	35.001.15	A-004
B-58E		-	-	35.001.06	A-002
		-	-	35.001.15	A-004
B10M	Cardan do ventilador	01/1986	12/1998	35.001.00	A-001
		-	-	35.001.06	A-002
		-	-	35.001.15	A-004
B58M	Cardan do ventilador	01/1986	12/1998	35.001.00	A-001
FH12		-	-	35.001.11	A-003
		-	-	35.001.20	A-006
FM	FM-10	-	-	35.001.11	A-003
	FM-12	-	-	35.001.11	A-003
N10		-	-	35.001.15	A-004
		-	-	35.001.17	A-005
		-	-	35.007.01	A-012
N12		-	-	35.001.15	A-004
		-	-	35.001.17	A-005
		-	-	35.007.01	A-012
NH12		-	-	35.001.11	A-003
		-	-	35.001.20	A-006
NL10		-	-	35.001.15	A-004
		-	-	35.001.17	A-005
		-	-	35.007.01	A-012
NL12		-	-	35.001.17	A-005
		-	-	35.007.01	A-012



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Planta 2 - Brusque - SC - Brasil



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