

50⁺ yıl/years




2015 / 2016 «

KARDEŞ

Elektrik Sanayi ve Ticaret A.Ş.

OTO KÖMÜRLERİ VE KÖMÜR YUVALARI
CARBON BRUSHES AND BRUSH HOLDERS



1960'lı yılların başından beri otomotiv karbon fırça - oto kömür imalatı, Kardeş Elektrik için ana üretim konularından biri olmuştur. Bugün Kardeş Elektrik, Türkiye yedek parça üretici pazarında konusunda lider bir kuruluş olmakla beraber, yurt dışı pazarlarda genişleme faaliyetlerine devam etmektedir. 2007 yılından itibaren, fırça taşıyıcısı, kömür yuvaları da her yıl artacak çeşidi ile bir proje içerisinde üretim programımızda yerini almıştır.

Amacımız, ISO 9001:2008 kalite sistemine inanmış ekibimiz ve tedarikçilerimiz ile teknoloji ve yeni ürünlere yatırımlarımızı devam ettirerek müşteri memnuniyetini devamlı kılmaktır. Bu katalog, otomotiv endüstrisinde kullanılan , karbon fırça- oto kömürü çeşitlerinin büyük kısmını içermektedir. Katalogda yer almayan ürünler için, lütfen bizimle iletişime geçiniz

Bu katalog Kardeş Elektrik'in yazılı izni olmadan tamamen veya kısmen çoğaltılamaz. Bu katalogda yer alan üretici ve tedarikçi isimleri ve parça numaraları sadece referans amaçlı kullanılmıştır; ancak firmamız yanlışlıklardan sorumlu değildir.



Manufacturing and distribution of carbon brushes for automotive industry has been core business for Kardeş Elektrik since early 1960's. Kardeş Elektrik is the leading carbon brush manufacturer in Turkey both in spare parts and OEM markets and continues its activities in various export markets.

In 2007, Kardeş Elektrik started manufacturing carbon brush holders and will expand their range continuously.

Our target is to continue customer satisfaction with our team and suppliers under ISO 9001:2008 quality management system, while investing in technology as well as new products. This catalogue contains a large portion of carbon brushes for automotive industry; however, for types not listed in this catalogue feel free to contact us.

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KÖMÜR YUVALARI / BRUSH HOLDERS**SİPARİŞ KODU / ORDER CODE****BOSCH TİPİ KÖMÜR YUVALARI
BOSCH TYPE BRUSH HOLDERS**

YENİ - NEW	BO 0751	
YENİ - NEW	BO 1011	8
	BO 1021	
YENİ - NEW	BO 1401	
YENİ - NEW	BO 1431	
	BO 1441	9
	BO 1451	
YENİ - NEW	BO 1491	10
	BO 1511	
	BO 1582	
	BO 1584	11
	BO 1585	
	BO 1586	
	BO 1601	
	BO 1602	12
	BO 1603	
	BO 1621	
	BO 1622	
	BO 1641	13
	BO 1661	
	BO 1662	
	BO 1711	
	BO 1712	14
	BO 1761	
	BO 1762	
	BO 1763	
YENİ - NEW	BO 1771	15
	BO 1851	
	BO 1911	
	BO 1931	16
	BO 1951	
YENİ - NEW	BO 1971	
	BO 1991	
	BO 2011	17
	BO 2012	
	BO 2013	
	BO 2051	
	BO 2111	18
	BO 2131	
	BO 2132	
	BO 2151	
	BO 2171	19

	BO 2191	
	BO 2192	
YENİ - NEW	BO 2281	
YENİ - NEW	BO 2301	20
YENİ - NEW	BO 2302	
YENİ - NEW	BO 2331	
YENİ - NEW	BO 2351	
YENİ - NEW	BO 2441	21

**DELCO REMY TİPİ KÖMÜR YUVALARI
DELCO REMY TYPE BRUSH HOLDERS**

	DR 1341	
	DR 1342	
YENİ - NEW	DR 1351	22
YENİ - NEW	DR 1352	
YENİ - NEW	DR 4201	23
YENİ - NEW	DR 4581	24

**FIAT TİPİ KÖMÜR YUVALARI
FIAT TYPE BRUSH HOLDERS**

	FI 1221	
	FI 2731	
	FI 3341	
	FI 3541	25
	FI 5361	26

**FORD TİPİ KÖMÜR YUVALARI
FORD TYPE BRUSH HOLDERS**

	FO 0681	
	FO 0711	
	FO 0721	
	FO 0731	27
	FO 0751	28

**HITACHI TİPİ KÖMÜR YUVALARI
HITACHI TYPE BRUSH HOLDERS**

	HI 0811	
	HI 4551	
	HI 4751	
	HI 4752	29
	HI 6371	30

LUCAS TİPİ KÖMÜR YUVALARI
LUCAS TYPE BRUSH HOLDERS

LU 0361	
LU 5161	
LU 5162	31

MAKO MAGNETİ MARELLI TİPİ KÖMÜR YUVALARI
MAKO MAGNETİ MARELLI TYPE BRUSH HOLDERS

MA 1221	
MA 3241	
MA 5261	
MA 7281	32

MITSUBISHI TİPİ KÖMÜR YUVALARI
MITSUBISHI TYPE BRUSH HOLDERS

MI 0411	
MI 1391	
MI 1701	
MI 1702	33

MI 1711	
MI 2431	
MI 2831	
MI 2832	34

MI 4281	
MI 4282	
MI 6971	
MI 8991	35

NIPPON DENSO TİPİ KÖMÜR YUVALARI
NIPPON DENSO TYPE BRUSH HOLDERS

ND 0111	
ND 0521	
ND 0841	36

ND 0851	
ND 0881	37

YENİ - NEW

ND 1021	
ND 2011	38

YENİ - NEW

ND 7781	39
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VALEO TİPİ KÖMÜR YUVALARI
VALEO TYPE BRUSH HOLDERS

VA 1290	
VA 1291	
VA 1330	
VA 1331	40

VA 1441	
VA 1442	
VA 1480	
VA 1491	41

VA 1551	
VA 1571	
VA 1572	
VA 1581	42

VA 1591	
VA 1641	
VA 1642	
VA 1671	43

VA 1672	44
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KÖMÜR YUVALARI HPI SİSTEM
HPI SYSTEM TYPE BRUSH HOLDERS

HP 0010	
HP 0011	45

OTO KÖMÜRLERİ / CARBON BRUSHES

MARŞ MOTORU KÖMÜRLERİ STARTER BRUSHES

BOSCH	48-70
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FORD	89-90
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LUCAS	97-101
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MANDO-MELROE	105
MELCO	106
MITSUBA	107
MITSUBISHI	108-114
NIPPON DENSO	115-121
PAL PARIS RHONE	122-131
VALEO	132

ALTERNATÖR KÖMÜRLERİ ALTERNATOR BRUSHES

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DELCO-REMY	140-141
FIAT	142-143
FORD	144
HITACHI	145-146
LUCAS	147-149
MITSUBISHI	150-151
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KÖMÜR YUVALARI / *BRUSH HOLDERS*

ÜRÜN KODLAMA SİSTEMATIĞI / *ABBREVIATIONS*

BO **1582**



KONUMLAMA / *POSITIONING*

KÖMÜR REFERANS NO / *BRUSH REFERENCE NUMBER*

ÜRETİCİ REFERANSI / *PRODUCER REFERENCE* **BO**: BOSCH

DR: DELCO-REMY

FI: FIAT

FO: FORD

HI: HITACHI

LU: LUCAS

MA: MARELLI

MI: MITSUBISHI

ND: NIPPON DENSO

VA: VALEO



OTO KÖMÜRLERİ / *CARBON BRUSHES*

KISALTMA TANIMLARI / *ABBREVIATIONS*

H : 24 VOLT

O : PABUÇSUZ / *WITHOUT TERMINAL*

S : YAY İLAVELİ / *WITH SPRING*

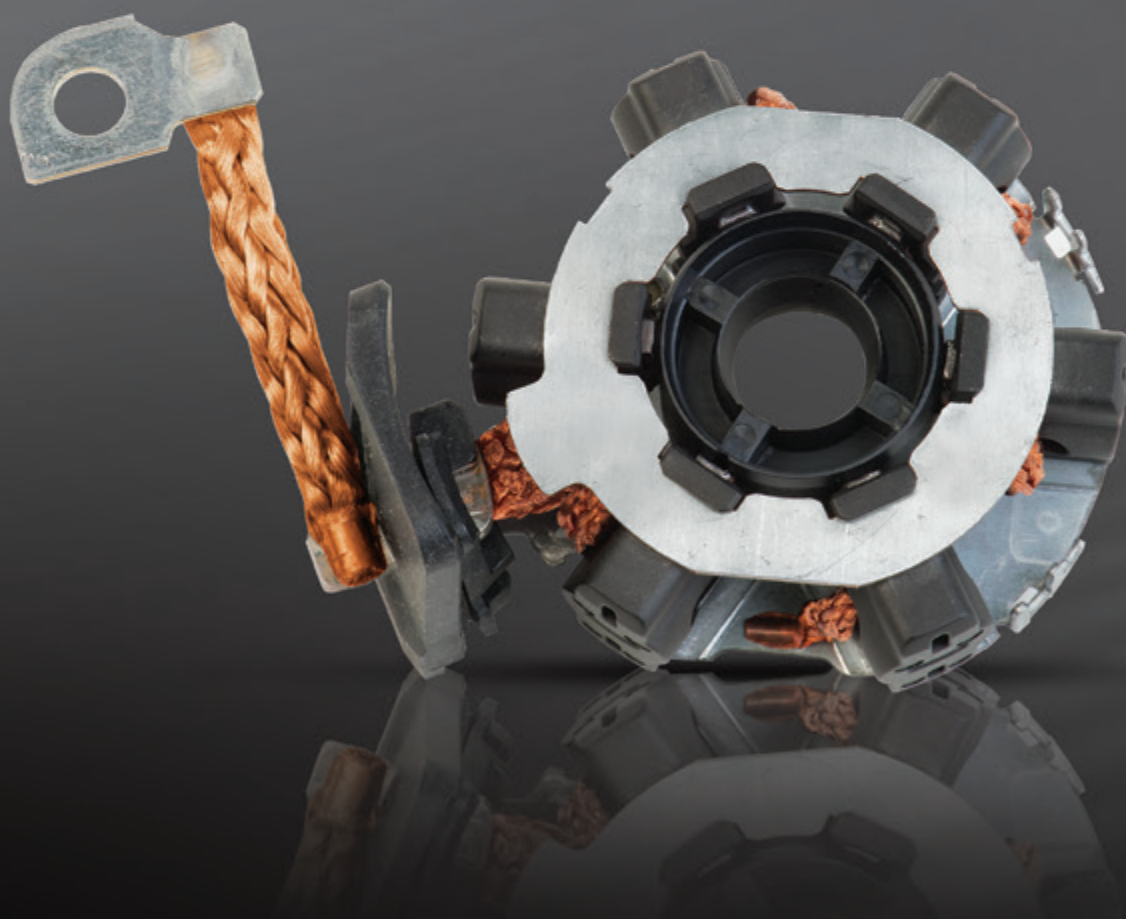
V : DİK BASKI / *VERTICAL PRESSED*

CU : BAKIRLI / *HIGH COPPER DENSITY* *

*Soğuk iklim ve LPG'li araçlar için / *For cold climates and vehicles with LPG applications*

KÖMÜR YUVALARI

BRUSH HOLDERS



BO 0751
YENİ - NEW

BSX 75 **7x10x18** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 2 004 336 021

MOTOR NO / UNIT NO

 0 001 207 001,018,208 004,08,25,39-41,44,49,51-54,100
 101,200-5,6,8-11,13,14,16-21,23-29,32,33,
 403-409,11-23,25-29,211 200,1,4-9,10,
 13-25,27-29,33-36,39,41-49,251-55,57-59,
 86,88,986-93,95-96,97,98

0 001 212 006-8,11,13,204-14,400-3,213 003,4

 9 000 142 001-003,14,100-102,333 105,112,115,116,118
 119

ARAÇ MODELİ / VEHICLE MODEL

FORD	GXL 1.1L, 1.3L
OPEL	
MERCEDES	
AGRALE-DEUTZ	4100 ; M70 / 80 / 85 / 90 / 93ID; TX1100,
CHEVROLET- GM	CHEVETTE; HATCH; CHEVY 500; MARAJÓ, PREMIO / RALLY / SPAZIO; DUNA 60/70/WEEKEND; UNO 1.1/MILLE/ELX/ EP, 147 FIORINO1.5; ELBA 1.5; UNO 1.5/1.6, 147/147 CITY EUROPA /FIORINO / GLS / OGGI / PANORAMA / PICK-UP / ELBA 1.5; PRÊMIO1.5., TEMPRA 2.0 MPI/SPI 16V/ 8V, TEMPRA 2.0 TURBO, TIPO 1.6 i.e.;
FIAT	
FORD	BELLINA 1.8; DEL REY 1.8; PAMPA 1.8 ,ROYALE 1.8 / 2.0; VERSAILLES 1.8 / 2.0, BR 800; TOCANTINS L, TR, SEDAN, SUPERMINI, KARMANNGHIA 1600; SP, 600/1700; VARIANT II, 1600; BRASÍLIA1.3/1.6; 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;SAVEIRO 1.6; VOYAGE 1.5/1.6, QUANTUM 2.0i; SANTANA 2.0i, YANMAR: BT22 / 23 MICROTRATORES CT 11 / TC 11 SUPER,
GURGEL	
VOLKSWAGEN	
LADA	NIVA 1.5 / 1.6; Motores Tiete: 950 / 950 L

4 KÖMÜRLÜ / WITH 4 BRUSHES
BO 1011
YENİ - NEW

BSX 101 **9x16x18** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

 0 001 362 034-42, 45-53, 57-64, 67, 69-79, 81-83, 98, 99
 111, 322, 700

0 001 363 104, 5, 7, 9, 11, 13, 16

0 001 366 001 -6, 8-22, 24-29, 46

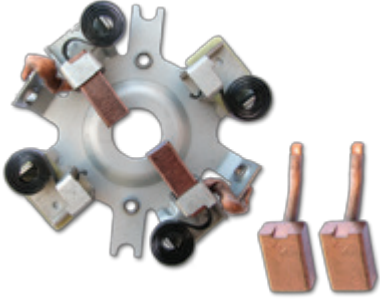
9 000 143 204, 408

ARAÇ MODELİ / VEHICLE MODEL

MERCEDES	
MAGIRIUS	
MASSEY-FERGUSON	
PEUGEOT	504 - 2.3 PICK-UP DIESEL
KAEBLE	3 WT, WTV c/ motor
AUDI	
CASE	
DEUTZ	
IHC	
JOHN DEERE	
KHD	
VOLVO (Diesel)	

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1021



BSX 102 (BSX 71) 9x16x25,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF
2 004 336 021

MOTOR NO / UNIT NO
0 001 362 001, 003, 004, 006

ARAÇ MODELİ / VEHICLE MODEL
AUDI
FIAT
LAMBORGHINI
LOMBARDINI
MASSEY FERGUSON
MERCEDES
OPEL
PEUGEOT

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1401

YENİ - NEW



BSX 140/0 7x16x15 12 Volt

UYGUN OEM NO / REPLACING OE-REF
2 004 336 028, 044, 067

MOTOR NO / UNIT NO
0 001 208 516, 710, 211 514, 312 108, 9, 317 007 -13,
317 516-19, 22-25
0 136 300 007

ARAÇ MODELİ / VEHICLE MODEL
OPEL ASTRA, VECTRA
VOLKSWAGEN TRANSPORTER, GOLF
DIESEL TURBO, CADDY,
JETTA, VAUXHALL
CHEVROLET KADETT
FORD ESCORT, GRANADA
AUDI
CITROEN
IVECO

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1431

YENİ - NEW



BSX 137-143 9x16x17 12 Volt

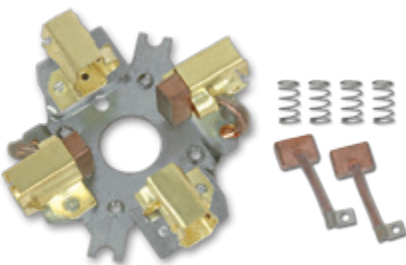
UYGUN OEM NO / REPLACING OE-REF
1 004 336 456, 460, 463, 802, 835, 908, 946, 949, 994

MOTOR NO / UNIT NO
0 001 362 034-36,38-43,45-53,057-64,067,69,70,81-86,
88-100,102-105,300-332,600-607,700-705,
0 001 366 001-6,8-22,24-29,
9 000 143 203, 4, 408,11,13,14,20

ARAÇ MODELİ / VEHICLE MODEL
BMW 7.30 2,8L
OPEL ASTRA 1.8i, 2.0i
FRONTERA, OMEGA
VECTRA 1.8i
RENAULT EXPRESS 1.9D
MEGANE 1.9D
CLIO 1.9D, R9/19 1.9D
VOLVO S40 1.9D
IVECO
MERCEDES
DAIMLER TRUCK
FORD TRANSIT 100-120-150
190-80, SCORPIO
FIAT BUS

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1441



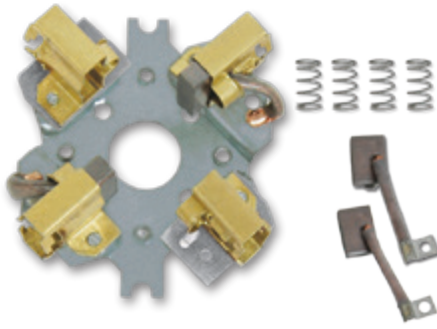
BSX 134-144 10x25x17 12 Volt

UYGUN OEM NO / REPLACING OE-REF
2 004 336 028, 044, 067

MOTOR NO / UNIT NO
0 001 367 001-018, 051, 067-082
9 000 143 410, 412, 415, 416, 419
JF (R) 3.0 kW

ARAÇ MODELİ / VEHICLE MODEL
RENAULT KAMYON / TRUCK
VOLVO KAMYON / TRUCK
BMC YAVUZ
BEDFORD (YENİ MODEL /
NEW MODEL)
TRAKTÖR / TRACTOR
JOHN DEERE
FIAT SAME
NEW HOLLAND
MASSEY FERGUSON 32, 34, 36, 38, 40, 40RS
(1992/1999)

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1451

BSX 135-145 8x25x17 24 Volt
UYGUN OEM NO / REPLACING OE-REF

2 004 336 031, 046

MOTOR NO / UNIT NO

0 001 368 001, 002, 004-010, 014, 016-022, 024, 026-031, 033-042, 047, 049-052, 055-060, 062, 063, 068-077, 079-081, 085, 086, 088, 300, 301, 305-307-313, 315-317-319-321

 0 001 369 309
 9 000 143 600-604
 JF (R) 4.0 KW

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

MERCEDES	2521
MAN	
RENAULT	KAMYON / TRUCK
DAF	
DEUTZ	IHC,
MAGIRUS	KAMYON / TRUCK
MASSEY	FERGUSON
MERCEDES	302 OTOBÜS/BUS
FIAT	TRAKTÖR / TRACTOR, (1975-1988)
SCANIA	

BO 1491
YENİ - NEW

BSX 149 7x10x14 12 Volt
UYGUN OEM NO / REPLACING OE-REF

 9 003 334 314, 343, 355
 6 003 AD1 155*, 327*
 1 004 112 906*, 907*
 9 003 334 103*, 147*, 163*, 165*, 167*, 171*, 175*
 With field coil
 EV(R) 12V 2.2/2.3 Kw

MOTOR NO / UNIT NO

 0 001 207 001, 018, 208 004, 08, 25, 39-41, 44, 49,
 51-54, 100, 101, 200-5, 6, 8-11, 13, 14,
 16-21, 23-29, 32, 33, 403-409, 11-23,
 25-29, 211 200, 1, 4-9, 10, 13-25, 27-29,
 33-36, 39, 41-49, 251-55, 57-59, 86, 88,
 986-93, 95-96, 97, 98
 0 001 212 006-8, 11, 13, 204-14, 400-3, 213 003, 4
 9 000 142 001-003, 14, 100-102, 333 105, 112, 115,
 116, 118, 119
 14736380080, 14754890080, 195270503000, 605129690,
 605225650, 7716196, 9611705880
 039-911-023, 046-911-023B, 069-911-023B, 069-911-023C,
 069-911-023C, 069-911-023CX, 069-911-023D, 069-911-023D,
 069-911-023DX, 069-911-023DX, 069-911-023F
 130019808, 14736380080, 14754890080, 5984563, 5985265,
 60512969, 60522565, 75891510, 7613744, 7642261,
 7680619, 7706908, 7716767, 7727487, 9611705880
 5001014230, 7700301993, 7700585114, 7700585375,
 7700723189, 7700730756, 7700730756, 7700868184
 003-151-29-01, 003-151-98-01, 004-151-20-01, 004-151-21-01,
 004-151-30-01, 004-151-35-01, 004-151-36-01, 004-151-48-01,
 004-151-51-01, 004-151-51-01-88, 004-151-52-01, 004-151-56-01,
 004-151-63-01, 004-151-71-01, 004-151-79-01, 005-151-15-01,
 006-151-34-01
 12-41-1-287-788, 12-41-1-288-166, 12-41-1-288-166, 12-41-1-288-226,
 12-41-1-288-226, 12-41-1-289-520, 12-41-1-466-345,
 12-41-1-468-117, 12-41-1-711-403, 12-41-1-720-246, 12-41-2-242-231,
 12-41-2-288-166, 12-42-2-242-231
 11180180
 130019808, 14736380080, 1473638080, 14754890080,
 1475489080, 46231643, 5984563, 5985182, 5985265, 60412969,
 60512969, 60522565, 7580575, 75891510, 7613744, 7642261,
 7658554, 7666135, 7706908, 7716196, 7716767, 7716767,
 7716769, 7716769, 7716771, 7727487, 7731823, 9611705880
 132299, 133557
 37950
 42498678, 5984563, 99451753
 110597
 118-0180
 ERR5009, NAD100370, AD10039, NAD100390
 23300-7C600, 23300-9C600
 12-02-048, 12-02-955, 12-02-955, 12-02-960, 90008258,
 90376895, 90398044
 6611513101, 6611513401, 6611513701,
 1328392, 3544627, 5002050, 9162928

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI	
ALFA ROMEO	
VOLKSWAGEN	
CHRYSLER	
LANCIA	
RENAULT	
MERCEDES-BENZ	
BMW	
DUETZ ENGINE Mfr	
FIAT	
GEHL	
GENIE	
IVECO	
JOHN DEERE AL	
KHD	
LAND ROVER	
NISSAN / INFINITI	
OPEL	
SSANGYONG	
VOLVO	

BO 1511



BSX 151 7,5x18x17/19 12 Volt

UYGUN OEM NO / REPLACING OE-REF

9 003 334 314, 343, 355
6 033 AD1 155*,327*
1 004 112 906*,907*
9 003 334 103*,147*,163*,
165*,167*,171*, 175*

* with field coil
EV(R) 12V 2.2/2.3 kW

MOTOR NO / UNIT NO

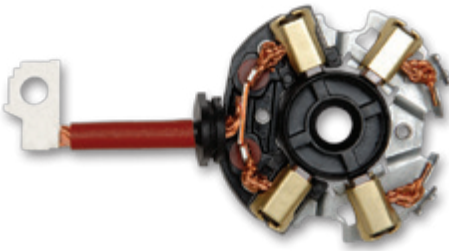
0 001 218 002-031, 100-115
118, 120-131, 133-147
150-168, 171-178
703, 711, 712, 715, 725,
738, 758, 763, 768, 772
774, 777, 805, 809, 812,
814-818, 820, 821
9 000 331 401, 402, 405-409,
411-415, 417-428,
430-433
6 033 AB1 J00

ARAÇ MODELİ / VEHICLE MODEL

AUDI,
ALFA ROMEO
CHRYSLER
LANCIA
RENAULT COMBI, SEDAN, TRAFIC
VOLKSWAGEN
MERCEDES 190 D, VITO
KAMYON / TRUCK
ALFA ROMEO 155
AUDI 100 D
BMW 324 TD,
7.50i, 8.50i
CITROEN D
FORD D. -FIESTA
MONDEO SCORPIO
D. FRONTERA
OPEL
OMEGA
VOLVO
ROVER D
LAND ROVER
FIAT D

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1582



BSX 157-158 6x18x14,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 456, 460, 463, 802, 835, 908, 946, 949, 994

MOTOR NO / UNIT NO

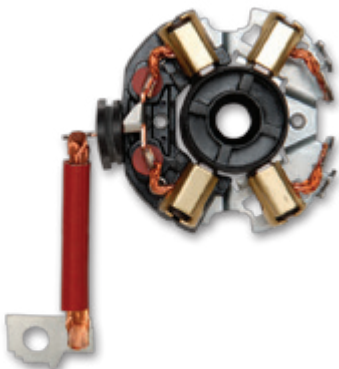
0 001 110 053, 089, 113
DW (R) 1.7/1.8 kW saat yönü / clockwise
kablo boyu / cable length 125 mm

ARAÇ MODELİ / VEHICLE MODEL

BMW 7.30 - 2.8
OPEL ASTRA 1.8i, 2.0i,
FRONTERA, OMEGA
VECTRA 1.8i
RENAULT EXPRES 1.9D
MEGANE 1.9D,
CLIO 1.9D, R9/19 1.9D
VOLVO S40 1.9D

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1584



BSX 157-158 6x18x14,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 228, 233, 257, 359, 402, 408, 429, 446, 732, 737,
777, 800, 808, 839, 847, 858, 906, 926, 927, 933,
945, 948, 958, 983, 988, 990, 991

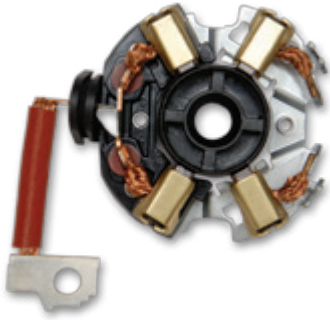
MOTOR NO / UNIT NO

0 001 109 011, 012, 023, 029, 044, 047
110 001, 002, 009, 010, 014, 015, 018, 031-033, 047, 057-062,
069, 070, 073, 076, 077, 080, 081, 084-087, 099, 119
124 004
125 001-013, 016-019, 021, 022, 505, 506
DB / DW (L) 12 V 1.7-2.0 kW saat yönü tersi / anticlockwise
kablo boyu / cable length 70mm

ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN TRANSPORTER 1.9 D,
CADDY, BORA 1.9 TDI,
POLO 1.4 D,
POLO CLASSIC,
AUDI A3 1.9 TDI,
SKODA FELICIA 1.9 D

4 KÖMÜRLÜ / WITH 4 BRUSHES

BO 1585

BSX 157-158 6x18x14,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 301, 394, 400, 401, 404, 405, 407, 409, 412, 413, 430, 431, 437, 445, 450, 452, 455, 458, 709, 720, 730, 731, 734-736, 738, 741, 742, 778, 779, 804, 807, 819, 826, 829, 836, 840, 860, 864, 909, 914, 924, 925, 931, 942, 947, 955, 956, 959, 962, 976, 981, 984, 996, 997, 999

MOTOR NO / UNIT NO

0 001 109 001-003, 006-009, 014, 017, 018, 021, 022, 025, 026, 028, 030, 031, 033, 036, 040, 043, 045, 048, 049, 057, 058

110 004, 005, 007, 008, 022-025, 027-030, 039-046, 051-056, 063-068, 100-102, 104-108, 110-113, 115, 120, 122-127, 999

115 002, 007 / 0 001 123 001 / 0 001 124 015 / 0 001 125 501-504, 507

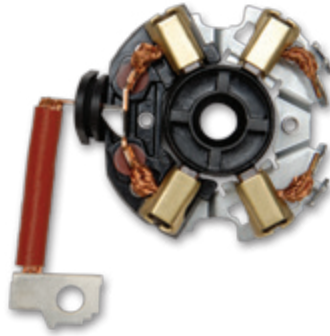
F010 ALO 101, 996-604-103-00

DB (R) / DW (R) 12V 1.7/2.0 kW saat yönü / clockwise

kablo boyu / cable length 86 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

BMW	5.20D, 5.25i, 7.40
OPEL	ASTRA 1.8i, 2.0i FRONTERA, OMEGA, VECTRA 1.8i
RENAULT	MEGANE 1.9 D, CLIO, 1.9D
VOLVO	S40 1.9 D
CITROEN	JUMPER 1.9D, X SARA 1.9D
PEUGEOT	PARTNER 1.9D
NISSAN	XTERRA 2.8D
FIAT	MAREA 1.9 JTD DOBLO 1.9
VOLKSWAGEN	POLO 1.9D
POSRCHE	

BO 1586

BSX 157-158 6x18x14,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 456, 460, 463, 802, 835, 908, 946, 949, 994

MOTOR NO / UNIT NO

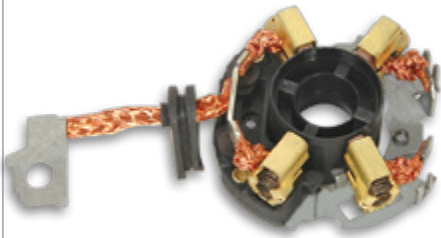
0 001 110 053, 089, 113,
114, 003, 026

DW (R) 12 V 1.7 kW saat yönü / clockwise

kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN	LT 35
RENAULT	CLIO 1.9D
MERCEDES	1.7

BO 1601

BSX 159-160 5x16x11,5/13 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 300, 318, 337, 343, 374, 403, 411, 418, 419, 423, 436, 443, 457, 464, 733, 740, 747, 748, 762, 806, 812, 816, 823, 832, 837, 859, 902, 903, 907, 912, 913, 918, 921, 922, 934, 935, 936, 941, 944, 950, 954, 960, 965, 968, 971, 973, 974, 986, 995, 998

MOTOR NO / UNIT NO

0 001 108 001-004, 009, 013, 016-020, 022-033, 035, 037-040, 042-049, 051 058, 061, 066, 068-075, 078, 093, 098, 100-126, 128-141, 143, 146, 148, 160, 162, 166, 167, 169, 178, 181, 183, 184, 188-190, 196, 197, 199

DW (R) 12V1, 1-1, 4kW / DW (R) 24 V 1, 6 kW

saat yönü / clockwise - kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

BMW	3.16, 3.16i COMPACT 3.20i, 5.50i
AUDI	100
OPEL	ASTRA, VECTRA 1.8 2.0i
CHRYSLER	
ALFA ROMEO	
VOLVO	S40
FORD	ESCORT, MONDEO
RENAULT	LAGUNA 2.0

BO 1602

BSX 159-160 5x16x11,5/13 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 362, 426, 467, 772, 811, 904, 911, 919, 923, 944, 961

MOTOR NO / UNIT NO

0 001 108 005, 014, 015, 021, 050, 058-060, 076, 077,
094-097, 099, 123, 127, 147, 168

111 001, 005

DW (L) 12 V 1.1-1.4 kW

DW (L) 24 V 1.6 kW saat yönü tersi / anticlockwise

kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN	TRANSPORTER 2.0,
LADA	SAMARA
SEAT	INCA
PORSCHE	CARRERA 1.6
CHRYSLER	VOYAGER 1.4 kW

BO 1603



BSX 159-160 5x16x11,5/13 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 300, 318, 337, 343, 374, 403, 411, 418, 419, 423, 436, 443, 457, 464, 733, 740, 747, 748, 762, 806, 812, 816, 823, 832, 837, 859, 902, 903, 907, 912, 913, 918, 921, 922, 934, 935, 936, 941, 944, 950, 954, 960, 965, 968, 971, 973, 974, 986, 995, 998

MOTOR NO / UNIT NO

0 001 108 001-004, 009, 013, 016-020, 022-033, 035, 037-040, 042-049, 051, 058, 061, 066, 068-075 078, 093, 098, 100-126, 128-141, 143, 146, 148, 160, 162, 166, 167, 169, 178, 181, 183, 184, 188-190, 196, 197, 199

DW (R) 12V 1.1-1.4 kW

DW (R) 24V 1.6 kW saat yönü / clockwise

kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BMW 3.16, 3.16i COMPACT, 3.20i, 5.50i
AUDI 100
OPEL ASTRA, VECTRA 1.8, 2.0i,
ALFA ROMEO
CHRYSLER
VOLVO S40
FORD ESCORT, MONDEO

BO 1621



BSX 161-162 5x12x11,6 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 217, 815, 817, 834, 843, 844, 846, 865, 915-917, 928, 939, 940, 943, 952, 953, 963, 967, 969, 992, 993

9 000 081 094

F 000 AL1 055, 326, 483, 917-919

MOTOR NO / UNIT NO

0 001 112 007, 008, 015, 021, 032, 037
113 001, 002, 007, 008

DM (R) 12 V 0.6/1.2 kW saat yönü / clockwise

kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD, ESCORT, FIESTA, SIERRA,
VOLKSWAGEN GOLF, JETTA, POLO, SCIROCCO,
AUDI
SEAT IBIZA
OPEL ASCONA, KADETT, ASTRA, CORSA,
CITROEN
PEUGEOT
DAEWOO
SUZUKI

BO 1622



BSX 161/162 5x12x11, 6 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 217, 815, 817, 834, 843, 844, 846, 865, 915-917, 928, 939, 940, 943, 952, 953, 963, 967, 969, 992, 993

9 000 081 094

F 000 AL1 055, 326, 483, 917-919

MOTOR NO / UNIT NO

0 001 114 005, 006

DA (L) 12 V 0.9 kW saat yönü tersi / anticlockwise

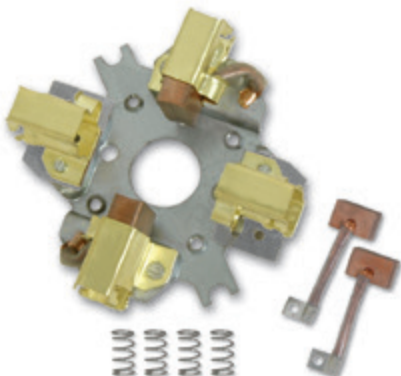
kablo boyu / cable length 105 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

SEAT TOLEDO
VOLSKWAGEN POLO, JETTA, PASSAT
TRANSPORTER

BO 1641



BSX 163/164 10x25x15 12 Volt

UYGUN OEM NO / REPLACING OE-REF

2 004 336 028, 044, 067

MOTOR NO / UNIT NO

0 001 367 020, 021-047, 049, 050, 052, 054-059, 061-066, 068, 300-303

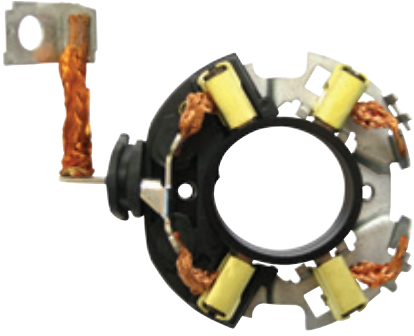
369 001-023, 025, 200

JF (R) 3.0, 3.1, 3.6 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD CARGO
VOLVO
MERCEDES KAMYON / TRUCK
FORD
MASSEY FERGUSON TRAKTÖR / TRACTOR (1995-1998)

BO 1661

BSX 166 **5x12x11,6** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

1 004 336 217, 815, 817, 834, 843, 844, 846, 865, 915-917,
928, 939, 940, 943, 952, 953, 963, 967, 969, 992,
993

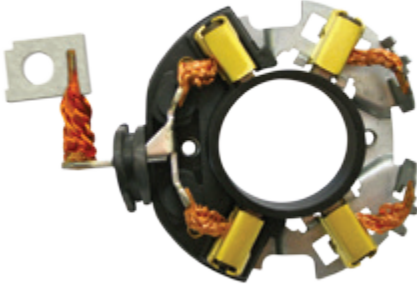
9 000 081 094
F 000 AL1 055, 326, 483, 917-919

MOTOR NO / UNIT NO

0 001 112 003-029, 032-039, 041, 044, 045
113001-015, 017
114003-006, 008-010, 014-017, 020-022
DM (R) 12 V 0.8-1.0 kW
saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

SEAT CORDOBA, IBIZA,
 TOLEDO
VOLSKWAGEN GOLF, LUPO, POLO,
 PASSAT, CADDY
AUDI
SKODA OCTAVIA
ALFA ROMEO
FORD SIERRA, ESCORT,
 FIESTA

BO 1662

BSX 166 **5x12x11,6** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

1 004 336 217, 815, 817, 834, 843, 844, 846, 865, 915-917,
928, 939, 940, 943, 952, 953, 963, 967, 969, 992,
993

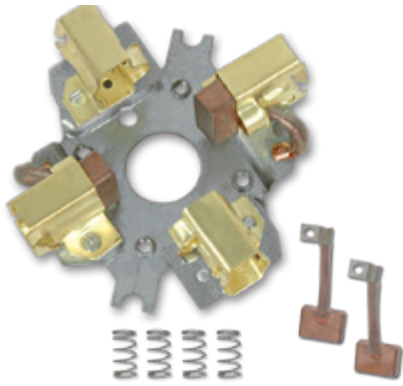
9 000 081 094
F 000 AL1 055, 326, 483, 917-919

MOTOR NO / UNIT NO

0 001 112 003-029, 032-039, 041, 044, 045
113001-015, 017
114003-006, 008-010, 014-017, 020-022
DA (L) 12 V 0.9 kW
saat yönü tersi / anticlockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

SEAT CORDOBA, IBIZA,
 TOLEDO
VOLSKWAGEN GOLF, LUPO, POLO,
 PASSAT, CADDY
AUDI
SKODA OCTAVIA
ALFA ROMEO
FORD SIERRA, ESCORT,
 FIESTA

BO 1711

BSX 170-171 **10x25x15** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF

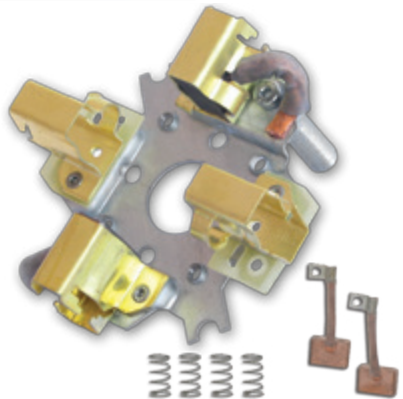
2 004 336 066, 086

MOTOR NO / UNIT NO

0 001 364 300, 301, 400, 402
0 001 372 002, 003, 005-008
JD (R) 5.2 kW
JE (R) 6.2 kW
JF (R) 4.8 kW
1317220, 1357210

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

DAF
IVECO
MERCEDES ACTROS
 TRAVEGO 0580,
 CITARO 0530,
 CONNECTO 0345,
 TOURISMO 0350

BO 1712

BSX 170-171 **10x25x15** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF

2 004 336 085, 087

MOTOR NO / UNIT NO

0 001 372 001, 004, 006
IE/JE (R) 24V 6.2 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

MERCEDES ACTROS

BO 1761



BSX 175-176 5x12x11,6 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 239, 321, 368, 391, 392, 397, 415, 421, 432, 433, 434, 451, 462, 715-717, 728, 744, 801, 809, 810, 813, 814, 827, 828, 831, 833, 842, 853, 938, 957, 964, 970, 975, 980, 985, 989

MOTOR NO / UNIT NO

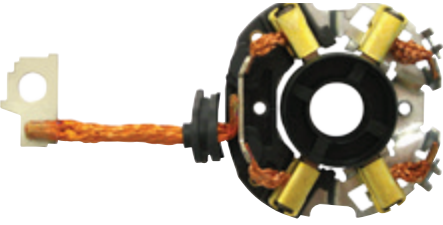
001 106 007-012, 014, 015, 017, 019
107 009, 010, 012, 019, 025-034, 037, 041, 043-045, 047-049
054-056, 059-069, 075-077, 082, 083, 085, 087-089, 101
121 001-003
DB/DW (R) 12V 1.1 kW saat yönü / clockwise
kablo boyu / cable length 70 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

RENAULT MEGANE 2
CITROEN BERLINGO 1.9
JUMPER 1.9
PEUGEOT PARTNER 1.9, 206
TOYOTA AVENSIS
MERCEDES
OPEL ASTRA, VECTRA, CORSA
VOLKSWAGEN PASSAT, CADDY, POLO
GOLF
SKODA OCTAVIA
SEAT

BO 1762



BSX 175-176 5x12x11,6 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 200, 219, 417, 427, 428, 746, 776, 820, 821, 937, 951, 987

MOTOR NO / UNIT NO

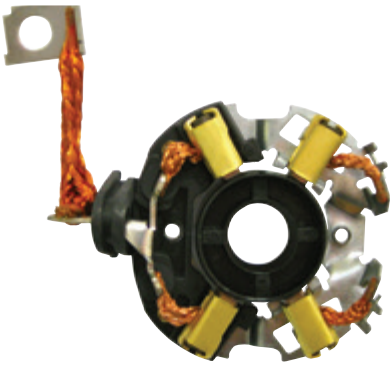
0 001 106 001, 002, 004, 016, 020
107 003-008, 011, 020-024, 039, 040, 046, 052, 053, 058, 080, 090
121 006-011, 016-019, 022, 023
DB/DW (L) 1.1 kW saat yönü tersi / anticlockwise
kablo boyu / cable length 50 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

SEAT TOLEDO, IBIZA
VOLKSWAGEN TRANSPORTER JETTA,
PASSAT, CADDY,
POLO CLASSIC
AUDI A3

BO 1763



BSX 175-176 5x12x10, 9/11,6 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 239, 321, 368, 391, 392, 397, 415, 421, 432, 433, 434, 451, 462, 715-717, 728, 744, 801, 809, 810, 813, 814, 827, 828, 831, 833, 842, 853, 938, 957, 964, 970, 975, 980, 985, 989

MOTOR NO / UNIT NO

001 106 007-012, 014, 015, 017, 019
107 009, 010, 012, 019, 025-034, 037, 041, 043-045, 047-049, 054-056, 059-069, 075-077, 082, 083, 085, 087-089, 101
121 001-003
DM (R) 12 V 0.8-1.0 kW
DM (L) 12 V 0.8-1.0 kW saat yönü ve saat yönü tersi / clockwise and anticlockwise kablo boyu / cable length 70 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD FIESTA, ESCORT
PEUGEOT 106
SEAT TOLEDO
CITROEN SAXO, XSARA

BO 1771

YENİ - NEW



BSX 177 9x36x18 24 Volt

UYGUN OEM NO / REPLACING OE-REF

2 004 336 077 / 078

MOTOR NO / UNIT NO

0 001 371 005, 007, 009, 012, 014, 017
IE(R) 24V 6.7 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

MERCEDES AXOR, ACTROS
SCANIA MTU,
DAF

BO 1851

BSX 184-185 **4,6x12x10,5/11,2** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

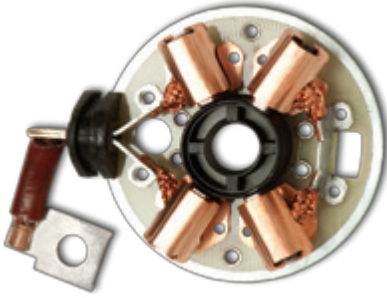
1 004 336 502, 505, 525, 526, 534, 542, 547, 580, 582, 583,
593, 600, 608, 630, 636, 702, 703, 711, 718,
723, 789, 791, 866

MOTOR NO / UNIT NO

0 001 107 401-404, 405, 406, 407, 410, 411, 415, 417, 418,
421-443, 446-449, 452, 453
DW (R) 12V 1.1 kW
R70-M10, 15, 20, 25 12 V (R) saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

OPEL CORSA, MERIVA, TIGRA,
ASTRA, COMBO,
AUDI
FORD A4 AVANT 3.0, GUANTRO
FIESTA, FOCUS 1.4, 1.6,
C MAX 1.6,
FUSION 1.4, 1.6
FIAT ALBEA, DOBLO 1.3
MULTIJET

BO 1911

BSX 190-191 **6,4x25x15,4/16,4** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF

6 033 AD0 130, 156, 363, 380, 383, 471
AD4 016, 026, 054, 161, 180
9 003 334 363

MOTOR NO / UNIT NO

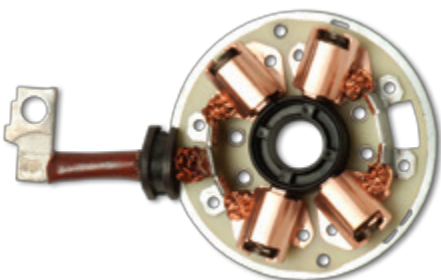
0 001 231 001 - 014, 017, 018, 019, 023, 024, 026, 030, 033-035
LE 18.250B, 1231013, 1231017, 1340895, 1346162, 1387381,
1387381R, 1387383, 1387383R, 516786R, 1725900, 1735788,
1739935, 1739936, AELD021, AELF189, 01180999BS, 1183239,
1231016, 1892338, 4892338, 500325137, 504036695, 504385577,
KHD 01180999, 118-0999, 118-1101, 118-2235, 7026025A, 36-
26201-6003, 51-26101-7228, 51-26201-7157, 51-26201-7158,
51-26201-7183, 51-26201-7183, 51-26201-7193, 51-26201-7212,
51-26201-7213, 51-26201-7223, 51-26201-7228, 51-26201-7239,
51-26201-9157, 51-26201-9213, 61-26201-7228, A5-00055-9254,
004-151-84-01, 005-151-20-01, 006-151-22-01, 006-151-22-
03, A006-151-22-01, A006-151-22-03, 2852478, 5010306413,
5010508443, 1447911, 551503093, 3978710, 8192965
EV (R) 24 V 4.0 kW saat yönü / clockwise
HE95 - M 24V (R)

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

MAN
MERCEDES ATEGO, AXOR, UNIMOG
VOLVO FL 6180 KAMYON /
TRUCK
TOURINO 0510,
CITARO 0530 OTOBÜS /
BUS

DAF

DEUTZ ENGINE MFR
IVECO
LEYLAND AUTO
LIEBHERR
MAN
MERCEDES-BENZ
NEW HOLLAND
RENAULT
SCANIA
TALBOT
VOLVO

BO 1931

BSX 192-193 **6x22x13/15** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

6 033 AD0 014, 159, 160, 221, 368, 401, 404, 407
AD1 244, 246, 250, 252, 294, 311, 349, 350

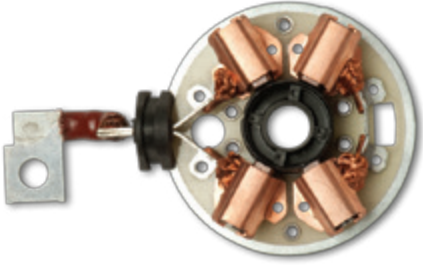
MOTOR NO / UNIT NO

0 001 223 001-014, 016, 018, 019, 021, 022, 056
0 001 218 602, 620
703, 710, 712, 715, 716
805, 808, 809, 812, 814-822
EV (L/R) 12V. 2.3 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

MAZDA
MITSUBISHI PAJERO, GALANT
FIAT DUCATO 2.8
CITROEN JUMPER 2.8, C5 2.0D
MERCEDES S 400 CDI, M 400 CDI
G 400 CDI

BO 1951



BSX 194-195 7,5x27x15,4/16,4 12 Volt

UYGUN OEM NO / REPLACING OE-REF

6 033 AD0 166, 370, 374
AD3 022, 042, 058
9 003 334 368

MOTOR NO / UNIT NO

0 001 230 001 - 016, 018, 020 - 024, 026, 027, RE50819,
RE501298, RE501551, RE501689, RE519975, SE5011402,
SE501425
EV (R) 12V 3.0 kW
HE95-M 12V (R)

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

CHRYSLER PD 250
FORD CARGO 3227, 3226
KAMYON TRUCK
FORD FARGO, DODGE
MERCEDES KAMYON / TRUCK
M.FERGUSON TRAKTÖR / TRACTOR
JOHN DEERE

BO 1971

YENİ - NEW



BSX 197 9x36x18 12 Volt

UYGUN OEM NO / REPLACING OE-REF

2 007 014 072

MOTOR NO / UNIT NO

0 001 370 001-004
9 000 453 029, 066, 067

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

MERCEDES
VOLKSWAGEN
DAF
BMC LEYLAND 1201327
45.130 / 45.150,-Turbo
45.160,-Turbo
45.180,-Turbo
45.210

BO 1991



BSX 198-199 8x25x13 24 Volt

UYGUN OEM NO / REPLACING OE-REF

2 004 336 064

MOTOR NO / UNIT NO

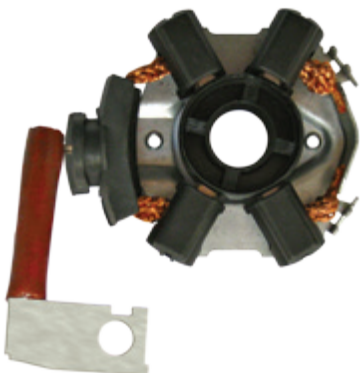
0 001 368 083
IE (R) 24 V ve 4.0 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

DAF 45, FA 45
LEYLAND KAMYON / TRUCK

BO 2011



BSX 200-201 6x18x12,7/14,2 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 516, 555, 622, 756, 893

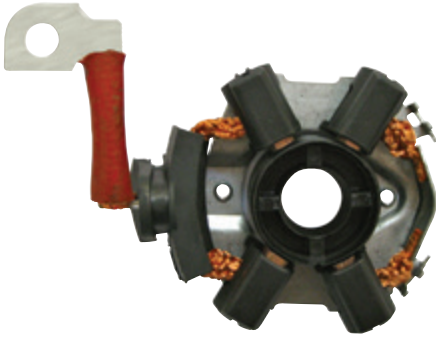
MOTOR NO / UNIT NO

0 001 125 511-514, 517, 518
DB (R) 12V 2.0 kW saat yönü /clockwise
RF78-S 12V (R)
kablo boyu / cable length 65 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN LT 35 2.0

BO 2012

BSX 200-201 6x18x12,7/14,2 12 Volt
UYGUN OEM NO / REPLACING OE-REF

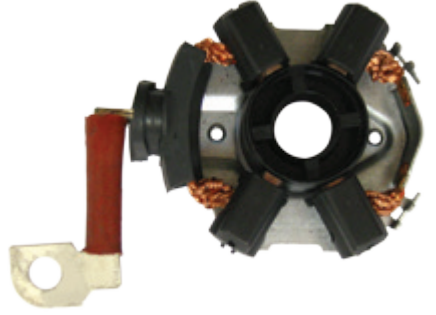
1 004 336 507, 508, 537, 550, 551, 605, 617, 620, 621, 713,
751, 752, 884, 885

MOTOR NO / UNIT NO

0 001 110 086, 087, 118, 119, 133, 134
124 001-008, 011-014, 022, 025
125 003, 004, 011, 035, 039, 040, 048, 049
DB (L) 12 V 1.8/2.0 kW saat yönü tersi / anticlockwise
RF78-L 12V (L)
VW aşırı yüklemeye, korumalı marş / VW overload protected starter,
kablo boyu / cable length 55 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN
SEAT TOLEDO, CORDOBA 1.9D
AUDI A3 DIESEL
SKODA 1.9 TDI
FORD GALAXY 1.9 DIESEL

BO 2013

BSX 200-201 6x18x12,7/14,2 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 514, 517, 518, 532, 538, 548, 556, 575, 581, 603,
611, 618, 623, 654, 709, 714, 725, 726, 757, 872,
891, 894, 895

MOTOR NO / UNIT NO

0 001 109 057, 058, 068, 202, 203, 205, 250, 258-261, 267-270
110 071, 072
125 025, 055, 056, 519, 520, 600, 601, 607, 608
F 002G20292, 359, 385
DB/DW (R) 1.9-2.2 kW
R78-M45 12 V (R) kablo boyu / cable length 55 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

BMW 5.30 i, 5.35 i, 5.40 i,
7.30 i, 7.35 i, 7.40 i,
7.60 i, 8.40 i, M5, X5, Z8
MERCEDES SPRINTER 216, 316,
416, 616 CDI, CLK 270,
E 270 CDI, E 320 CDI,
ML 270
VOLKSWAGEN TOUAREG 2.5 TDI
PORSCHE CAYENNE 4.5 S TURBO
FIAT DUCATO 2.8 D

BO 2051

BSX 204-205 4,6x10x12,0/12,7 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 506, 637, 879

MOTOR NO / UNIT NO

0 001 106 403, 404, 407, 409, 410
120 400-411
DB (L) 12V 0.9 kW anticlock
RF 70-525 12V (L)
RF 70-510 12V (L)

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

AUDI A2, A3
SEAT ALTEA, CORDOBA, IBIZA,
LEON, TOLEDO
SKODA FABIA, OCTAVIA,
ROOMSTER
VOLKSWAGEN BORA, CADDY, EOS, FOX,
GOLF, JETTA, LUPPO,
PASSAT, POLO, TOURAN

BO 2111

BSX 210-211 4,6x16x11,5/12,2 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 509, 527, 530, 531, 564, 633, 704, 707, 708, 768, 886

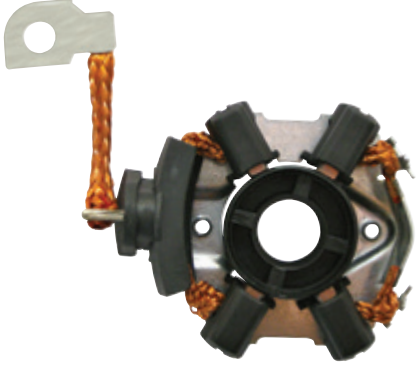
MOTOR NO / UNIT NO

0 001 108 400-406, 409-412, 420 421
DW (R) 1.4 kW F 0020 G20670
R70-L25 (R) F 004 A94004
RF70-L25 (L) saat yönü / clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

CITROEN BERLINGO 1.9, 2, 0 D,
CITROEN C4 PICASSO 1.8,
2.0 i, CITROEN C5
JUMPY, XSARA,
PEUGEOT PARTNER, 206, 306, 307,
407
PEUGEOT 206, 306, 307, 407
BMW 3.16, 3.18, 3.23, 3.25,
5.18, 5.20, 5.23, 5.28
VOLVO S40 2.4
MERCEDES E, S, C, MERCEDES VITO
123,
AUDI A4, A6

BO 2131



BSX 212-213 5x16x11,5/13 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 512, 552, 567, 572, 712, 753, 771, 782, 889

MOTOR NO / UNIT NO

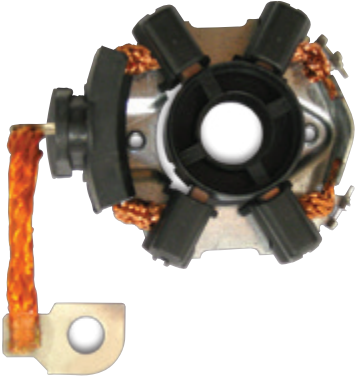
0 001 108 200, 201, 206, 207, 220, 221, 228, 229, 237, 238,
07C-911-023F, 07C-911-023FX, 07C-911-023G, 07C-911-023H,
07C-911-023HX
DW (R)1.4 12V kW
R74-L75 12V (R)
kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN PASSAT W 3 4.0,
TOUAREG
AUDI A4, A8

BO 2132



BSX 212-213 5x16x11,5/13 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 521, 568, 770, 773, 788, 888, 898

MOTOR NO / UNIT NO

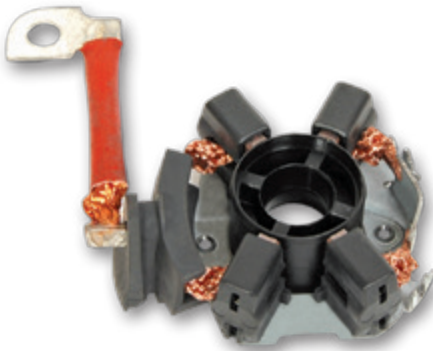
0 001 108 203, 68011829AB, 006-151-06-01, 006-151-10-01,
A006-151-10-01
DW (L) 1.4
RF78-S12V (R) kW
R74-L 10 12 V (L)
kablo boyu / cable length 60 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

VOLKSWAGEN
LADA KALINA
CHRYSLER
MERCEDES-BENZ

BO 2151



BSX 214-215 6x18x11,0/12,5 12 Volt

UYGUN OEM NO / REPLACING OE-REF

1 004 336 513, 522, 553, 584, 588, 591, 598, 604, 606,
640, 754, 792, 796, 798, 890, 899

MOTOR NO / UNIT NO

0 001 115 016, 017, 022, 023, 031, 032, 035, 040, 041
123 002-005, 012-015, 018- 021, 12-41-7-794-952,
12-41-7-796-892, 005-151-16-01, 006-151-25-01, 006-151-25-
01-80, 006-151-74-01, 006-151-74-01-80, 7794952, 7796892
DB/DW (L/R) 1.7/2.0 kW
R74-E25 (R)
RF74-E25 (L)
kablo boyu / cable length 65 mm

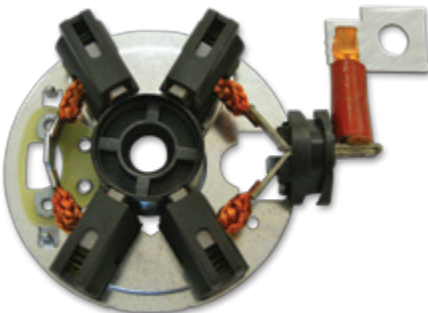
4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN GOLF V 1.9, 2.0 TDI,
TOUAREG 3.2,
TOURAN 2.0 TDI,
TRANSPORTER T5,
CADDY
A3 2.0 TDI

AUDI
BMW
MERCEDES-BENZ
STEYR

BO 2171



BSX 216-217 5.35x27.77x18 24 Volt

UYGUN OEM NO / REPLACING OE-REF

6 033 AD4 016,194, 212
6 033" AD5 179, 316,318,320

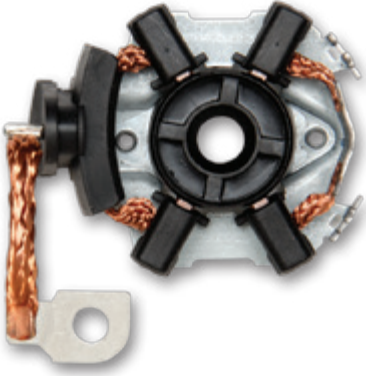
MOTOR NO / UNIT NO

0 001 231 036,040,041
241 001,003,005-007,014,015,019,020, 006-151-22-01,
006-151-22-03, A006-151-22-01, A006-151-22-03,
36-26201-6003
HEF95-L 24V(R) 5.5 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODELS

SCAINA P/G/R/T SERIES
DAF
MERCEDES AXOR, ATEGO,
MAN

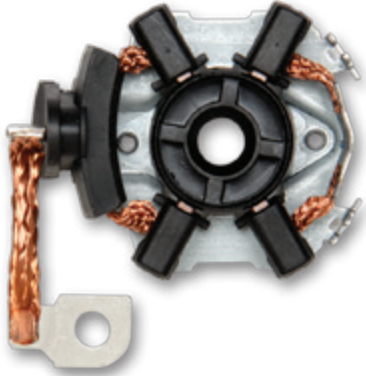
BO 2191

BSX 218-219 5x12x10,9/11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 504, 562, 577, 766, 786
02A 911 023 L, 02T 911
023 B, 020 911 023 F
95VW 11 000 BC

MOTOR NO / UNIT NO

0 001 107 107
121 024, 029
DB/DW (L) 1.1/1.2 kW
RF 74-M50 12 V (L)
R 74-M20 12 V (L)
kablo boyu / cable length 65 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
VOLKSWAGEN PASSAT 1.8, POLO C
FORD
SEAT CORDOBA, IBIZA,
LOMBARDINI

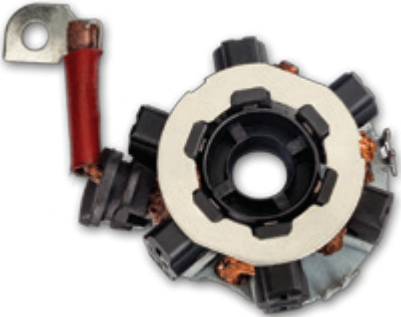
BO 2192

BSX 218-219 5x12x10,9/11,6 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 529, 561, 587, 589, 765, 795, 797

MOTOR NO / UNIT NO

0 001 107 103-106, 108, 109
121 030, 031, 24-422-272, 55-351-638, 92-00-961,
93-176-061
DB/DW (R) 1.2 kW
RF 74-M40 12 V (R)
R 74-M40 12 V (R)
R 74-M60 12 V (R)
001 911 023, 036 911 023 S, 085 911 023 H
kablo boyu / cable length 65 mm

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
VOLKSWAGEN
SEAT CORDOBA, IBIZA 1.4,
LUPO 1.4
OPEL

BO 2281
YENİ - NEW

BSX 228 5,25x18x12,7/14,2 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 612, 649
1 004 337 145
DB 001 151 67 14

MOTOR NO / UNIT NO

0 001 139 001, 002, 005, 006, 011-016
0 001 139 025, 026, 047, 048
S78-M 12V 2.2 kW
S78-M55 12V(R)
Start/Stop Starters

6 KÖMÜRLÜ / WITH 6 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
CHRYSLER
FERRARI
FIAT PUNTO, DOBLO
PORCHE
ALFA
BMW
MERCEDES

BO 2301
YENİ - NEW

BSX 229-230 4,6x16x12,3/13,8 12 Volt
UYGUN OEM NO / REPLACING OE-REF

1 004 336 609, 645

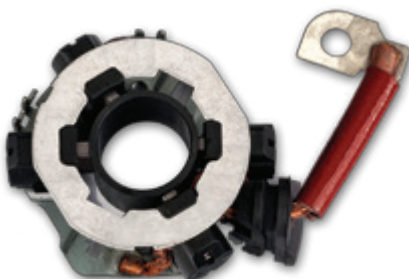
MOTOR NO / UNIT NO

0 001 138 011, 012, 029, 030, 037-040
DW(R) 1.7 Kw
S74-L 12V(R)
Start/Stop Starters

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
BMW MODELS 1+3 GAS START/STOP
MINI GAS, -COOPER
DIESEL START/STOP
PUNTO
FIAT
OPEL
SUZUKI
ALFA ROMEO MITO

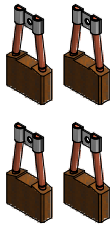
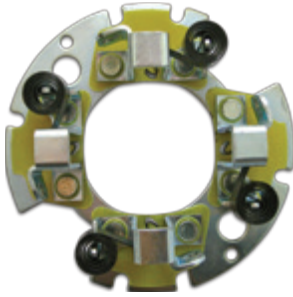
BO 2302**YENİ - NEW****BSX 229-230** 4,6x16x12,3/13,8 12 Volt**UYGUN OEM NO / REPLACING OE-REF**1 004 336 614, 648
1 004 337 154**MOTOR NO / UNIT NO**0 001 138 003, 004, 005, 006, 047, 048
0 001 138 053, 054
DR(W) 1.7Kw
S74-L 12V(R)
Start/Stop Starters**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**BMW 1+3 GAS START/STOP
MINI COOPER GAS/DIESEL(START/STOP)
CABRIO, CLUBMAN,
COOPER S, CLUBMAN
ONE, CLUBMAN ONE D**BO 2331****YENİ - NEW****BSX 233** 4,6x14x12,3/13,8 12 Volt**UYGUN OEM NO / REPLACING OE-REF**1 004 336 674, 695
1 004 337 153**MOTOR NO / UNIT NO**0 001 136 002, 003
0 001 137 001, 002, 003, 004, 006, 011, 012
0 001 138 043-046, 051, 052
0 001 138 001, 002, 009, 010, 017-020**6 KÖMÜRLÜ / WITH 6 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**BMW
FIAT
HYUNDAI
KIA
OPEL
VW**BO 2351****YENİ - NEW****BSX 234-235** 5,25x18x12,7/14,2 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1 004 336 681

MOTOR NO / UNIT NO0 001 145 001, 002
Start/Stop Starters**6 KÖMÜRLÜ / WITH 6 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**AUDI
BOSCH STARTER- FOR LINDE 13TH
1.9/2.0KW PMGR, CWW,
OEM. UNIT 0001145001 LESTER 33328**BO 2441****YENİ - NEW****BSX 244** 4,6x19,5x12,3/13,7 12 Volt**UYGUN OEM NO / REPLACING OE-REF**

1 004 337 006

MOTOR NO / UNIT NO0 001 153 007-010, 015, 016 VW
Family Start/Stop Starters**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**AUDI A1, A3, Q3, S1 1.6, 2.0 TDI
SEAT ALHAMBRA, ALTEA, IBIZA,
LEON 1.6/2.0 TDI
SKODA FABIA, ROOMSTER,
SUPERB, YETI 1.2/1.6TDI
VOLKSWAGEN CADDY, EOS, GOLF VI,
PASSAT 1.6/2.0
TDI

DR 1341

RX 134 10,5x36,6x24,4 12 Volt
UYGUN OEM NO / REPLACING OE-REF

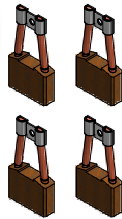
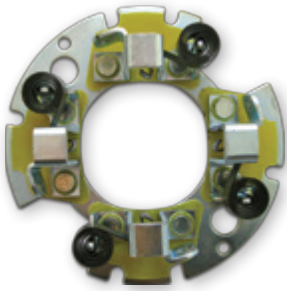
 1988121
 1988122

MOTOR NO / UNIT NO

 42MT, 71359093-3, 713590933, 1483312, 107717A1, 114769A1,
 20-2383T91, 20-2384T91, 20-2386T91, 260493C91, 263819C91,
 313979R93, 489716C91, 527888C91, 989969C91, A186224,
 A186270, A187568, L118276, OR2186, OR2186, OR2187, OR2188,
 OR2189, OR2190, OR2191, OR2192, OR4256, OR4257, OR4259,
 OR4264, OR5218, 104-7041, 104-7042, 1046547, 106-8551,
 106-8552, 106-8552, 106-8554, 1068555, 10R0400, 10R0405,
 207-1541, 207-1548, 207-1551, 207-1556, 2N2761, 3E7863,
 3E7863, 3E7863, 3T2579, 3T2579, 3T2648, 3T2764, 3T4586,
 3T4586, 4N0957, 4N1062, 4N3182, 4N3182, 5L4431, 6B5539,
 6N1889, 6V4214, 6V5207, 6V5207, 6V5227, 6V5537, 6V5539,
 6V5821, 769132, 8C3596, 8C3645, 8C3646, 8C3651, 8C3651,
 8C3652, 8C4090, 8H1913, 8N2447, 9G4339, 9X4507, DR2192,
 PR5347, PR5348, R0461126, R0461127, R0461184, 12850029,
 1034953H91, 1034953H91, 1219523H91, E-821124X, E-821124X,
 E-821126X, E-821131X, E-821131X, 85014, 260493C91,
 263819C91, 313973R93, 313979R93, 3584403C91, 430138C91,
 489716C91, 527888C91, 541747C91, 597219C91, 597220C91,
 673796C92, 989969C91, RE24305, RE28782, RE38633, RE38634,
 RE41754, RE41756, RE43047, RE51579, RE51792, RE51792,
 RE53695, RE61457, RE61591, RE63094, RE63094, RE69590,
 RE69591, RE69591, SE501453, SE501454, TY6728, TY6730,
 TY6746, 8MJ4267M, 291-183-M91, V90562, V90563, 820013422,
 820013427, 820013433, 820013435, 820013436, V1114249,
 V1114251, V1115303

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS

 MACK
 CATERPILLAR
 CLARK
 FATİH,
 ALLIS CHALMERS
 BLUEBIRD BUS
 CASE
 CATERPILLAR
 DETROIT DIESEL
 DEUTZ ENGINE MFR
 DRESSER ENGINE MFR Euclid
 GENIE
 IHC, NAVISTAR
 JOHN DEERE
 MACK TRUCK
 MASSEY FERGUSON
 VERSATILE
 WESTERN STAR
 White

DR 1342

RX 134 H 10,5x36,6x24,4 24 Volt
UYGUN OEM NO / REPLACING OE-REF

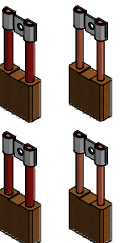
1988439

MOTOR NO / UNIT NO

42MT

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

 FIAT ALLIS
 CATERPILLAR
 VOLVO F SERIES
 MARINE
 FATİH

DR 1351
YENİ - NEW

RX 135 9,5x28,6x26,3 12 Volt
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

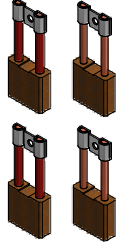
 37 MT, 41 MT" series DD
 c/ motor Cummins serie
 C 1631L; 1632L; 1632LS; 1634LS; 1938LS; 1939S; 1944L; 2638;
 2638LK; 2638LS; OF1722; OH1628

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

 FORD
 MBB CARGO CUMMINS 6CTAA
 8.3L
 MERCEDES-BENZ BR 400 ; BR 450
 BUS 0-400
 TRUCKS 1938 / 2638 VEHICLES
 VOLKSWAGEN motor serie C

DR 1352

YENİ - NEW



RX 135 H 9,5x28,6x26,3 24 Volt

UYGUN OEM NO / REPLACING OE-REF

MOTOR NO / UNIT NO

37 MT, 41 MT" series DD
c/ motor Cummins serie
C 1631L; 1632L; 1632LS; 1634LS; 1938LS; 1939S; 1944L; 2638;
2638LK; 2638LS; OF1722; OH1628

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

FORD
MBB CARGO CUMMINS 6CTAA
8.3L
MERCEDES-BENZ BR 400 ; BR 450
BUS O-400
TRUCKS 1938 / 2638 VEHICLES
VOLKSWAGEN motor serie C

DR 4201

YENİ - NEW



RX 419-420 7,9x24,8x19,5 24 Volt

UYGUN OEM NO / REPLACING OE-REF

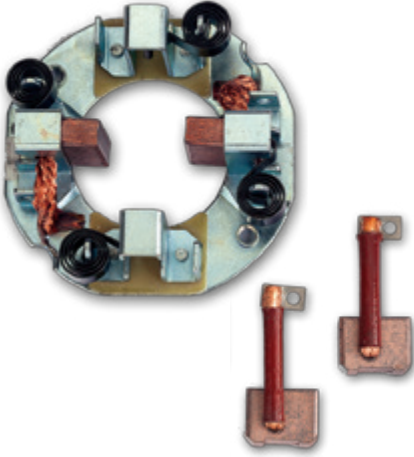
MOTOR NO / UNIT NO

10479600, 05, 08, 11, 12
1113272, 77, 91
28 MT

4 KÖMÜRLÜ / WITH 4 BRUSHES

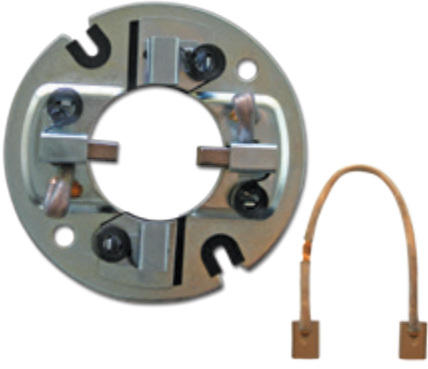
ARAÇ MODELİ / VEHICLE MODEL

FIAT 80 / 80S / 120 / 130 / 140
/ 8340 / 8360, YANMAR
CASE: W18 D / W 18
E / W 20 D / W20 E, EL
DETALLE OA 101 -
09/1997....
MERCEDES-BENZ 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 FG140 - 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: 888 BCKE;
888CKE,
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 E15; 150; 149 E
18; 150 E 20; 150 E 20 T;
150 T; 160 E 21; 160 E 23;
160 E 23 T,
VOLKSWAGEN 16t - 16.180 CO/16.210 CO;
17t - 17.210 OD/17.240OT,
B 16.180; L 80

DR 4581**YENİ - NEW****RX 457-458****7,9x24,8x19,5****12 Volt****UYGUN OEM NO / REPLACING OE-REF****MOTOR NO / UNIT NO**1 113 273-82, 86-88, 90
292, 95-97,
323-451,
28 MT**4 KÖMÜRLÜ / WITH 4 BRUSHES****ARAÇ MODELİ / VEHICLE MODEL**

FIAT	80 / 80S / 120 / 130 / 140 / 8340 / 8360,
YANMAR CASE	W18 D / W 18 E / W 20 D / W20 E, EL DETALLE OA 101 - 09/1997...,
MERCEDES-BENZ	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	FG140 - 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: 888 BCKE; 888CKE,
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 E15; 150; 149 E 18; 150 E 20; 150 E 20 T; 150 T; 160 E 21; 160 E 23; 160 E 23 T,
VOLKSWAGEN	16t - 16.180 CO/16.210 CO; 17t - 17.210 OD/17.2400T, B 16.180; L 80

FI 1221



JSX 21-22 **6x13x17,5** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
74891101010

MOTOR NO / UNIT NO
063221433010, 063221434010,
063221435010, 063221436010,
063221438010, 063221530010,
063221533010, 063221536010

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

TOFAŞ
FIAT DOBLO
FORD TAUNUS, SIERRA, CAPRI
TRANSIT
ANADOL
FORD TUZLA, JEEP
RENAULT 9-11
PEUGEOT
BMW

FI 2731



JSX 72-73 **7x20x16** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
028510-6410,-6421,
-6440,-6490

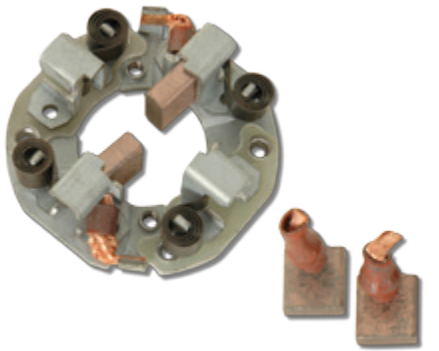
MOTOR NO / UNIT NO
P76 - 12 Volt
2.0 kW

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

BMW SERIES 3,5,7
CITROEN C5
PEUGEOT 307,407
TOYOTA AVENSIS
COROLLA
VERSO
FORD TRANSIT

FI 3341



JSX 33-34 **6x15x16.7** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
542 944 44
832 204 61

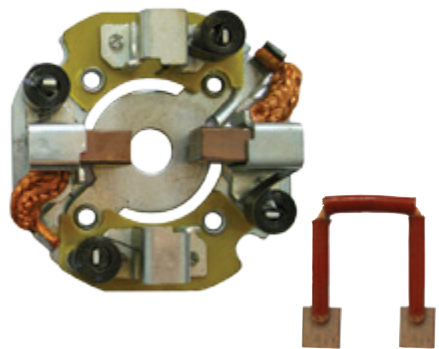
MOTOR NO / UNIT NO
M70R 1,4/1,8-12
E70R 1,4-12
631 110 00,05,08
632 234 30-33,35,36
632 235 30-33
632 236 39
632 934 35
46406973, 46468696, 60813461

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

IVECO MK
FIAT DOBLO
ALFA ROMEO

FI 3541



JSX 53-54 **8x19x20** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF
832 263 36

MOTOR NO / UNIT NO
E95RL 2,2/2,6-12
631 140 08,10,14
Ducato

3 KÖMÜRLÜ / WITH 3 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

PEUGEOT BOXER
CITROEN JUMPER
FIAT DUCATO

FI 5361**JSX 35-36****7x13x17.5****12 Volt****ARAÇ MODELİ / VEHICLE MODELS****UYGUN OEM NO / REPLACING OE-REF**

832 212 41

ALFA ROMEO**FIAT****DUCATO****MOTOR NO / UNIT NO**

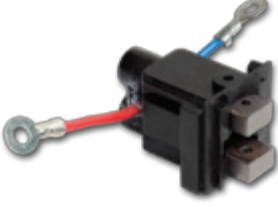
E80 0,8/1-12

632 228 31-33,36-38

632 230 31-34

4 KÖMÜRLÜ / WITH 4 BRUSHES

FO 0681



FX-68

4,5 x 8,2 x 17,3

12 Volt

ARAÇ MODELİ / VEHICLE MODEL
FORDCONNECT, FOCUS,
MONDEO

UYGUN OEM NO / REPLACING OE-REF

MOTOR NO / UNIT NO

DELCO / FORD 2T1U10300AB
2T1U10300AD
2T1U10300CF
2T1U10300AG
1S7T10300BA, -BB, -DB, -DC
VISTEON 2015001010

2 KÖMÜRLÜ / WITH 2 BRUSHES

FO 0711



FX 70-71

4,5 x 16 x 14

12 Volt

ARAÇ MODELİ / VEHICLE MODELS
FORDMONDEO, TRANSIT,
ESCORT

UYGUN OEM NO / REPLACING OE-REF

E90Z-11061-A,B,C

MOTOR NO / UNIT NO

E90F-11000-AA, -BA
E9SF-11000-AA, -BA
F02F-11000-AA
F07U-11000-AA, -BA
FOCF-11000-AA, -BA
FOOU-11000-AA
F13U-11000-AA
F17U-11000-AB
F1VU-11000-AA
PMGR-Starter
Ford USA

2 KÖMÜRLÜ / WITH 2 BRUSHES

FO 0721



FX 70-72

4,5 x 16 x 14

12 Volt

ARAÇ MODELİ / VEHICLE MODEL
FORDMONDEO, TRANSIT,
ESCORT

UYGUN OEM NO / REPLACING OE-REF

F3RZ-11061-A

MOTOR NO / UNIT NO

93BB-11000-HB, -JB, -JC,
93BB-11000-KA, -KB, -KC
PMGR-Starter
Ford Europe

2 KÖMÜRLÜ / WITH 2 BRUSHES

FO 0731



FX-73

6x13x14

12 Volt

ARAÇ MODELİ / VEHICLE MODEL
FORDCONNECT, FOCUS,
FIESTA, MONDEO

UYGUN OEM NO / REPLACING OE-REF

1S7U11000AB, -AC,
2S6U11000EB, 96BB11000AA, -AB, -AC,
98AB11000BB, -BC, -CC, -CD,
YS4U11000AA, -BA

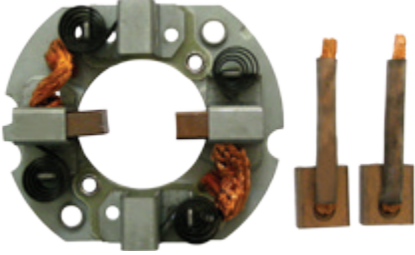
MOTOR NO / UNIT NO

96BB-11000-AA
98AB-11000-CD
2W93-11000-AA

4 KÖMÜRLÜ / WITH 4 BRUSHES

FO 0751**FX-75****8,2x18,9x17,8****12 Volt****ARAÇ MODELİ / VEHICLE MODEL**
FORD**UYGUN OEM NO / REPLACING OE-REF**
F7RU-11434-BATRANSIT,
MOTORCRAFT V.184
VISTEON**MOTOR NO / UNIT NO**97BB-11000-BB, BC, 97VB-11000-AA, AB
98AB-11000-AC, 98VB-11000-BA, B1A, B3A
12V 1.9 kW**4 KÖMÜRLÜ / WITH 4 BRUSHES**

HI 0811



JASX 80-81

7x14x16

12 Volt

ARAÇ MODELİ / VEHICLE MODELS

MITSUBISHI
NISSAN

UYGUN OEM NO / REPLACING OE-REF

2114-4311
2114-29007
2114-39001
2114-49007
2114-69008
2114-79001
2114-89007

MOTOR NO / UNIT NO

S114-252,252A,253A,254A
S114-357A,374B,393, 480,481
Nissan 23378-05E00

4 KÖMÜRLÜ / WITH 4 BRUSHES

HI 4551



JASX 54-55

4,5x14x15

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

AUDI,
VOLKSWAGEN
ISUZU
NISSAN, INFINITI

UYGUN OEM NO / REPLACING OE-REF

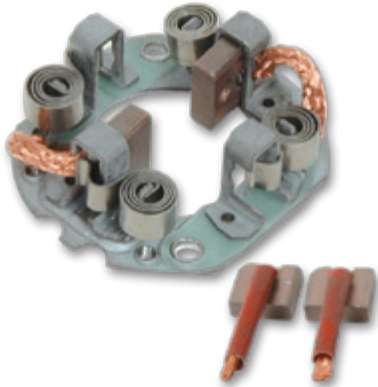
2114 - 23106, 53105, 63104, 73105

MOTOR NO / UNIT NO

S114 - 750, 758, 762A, 762B, 765, 766A, 775A,
780, 800, 800A, 800B, 801A, 801B, 801C, 804, 805A,
806A, 808, 816, 818A, 850
09A-911-023, 09A-911-023X
2912762340,8912762340, 8943647220, 8943647221,
8971239230
23300-1E400, 23300-1E400R, 23300- 65Y01, 23300-65Y01R,
23300-70Y00, 23300- 70Y01, 23300-70Y01R, 23300-81N00,
23300- 81N01, 23300-81N11, 23300-97E00, 23300-97E01,
23300-AM600, 23300-AM60A, 23300-CG000, 23300-CG00A

3 KÖMÜRLÜ / WITH 3 BRUSHES

HI 4751



JASX 74-75

7x19x16

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

NISSAN PICK UP 2300D, 2500D
2700D, ALMERA
PRIMERA, SUNNY
TERRANO 2.7 TD
CABSTAR

UYGUN OEM NO / REPLACING OE-REF

2130-1306, 2130-13022, 2240-3310, 2114-4311

MOTOR NO / UNIT NO

S13-62, 62B, 64, 69, 83, 84, 89A,
S13-89B, 92A, 100, 104, 106B
S13-107A, 114, 121

BEDFORD

VOLVO

OPEL

BMC

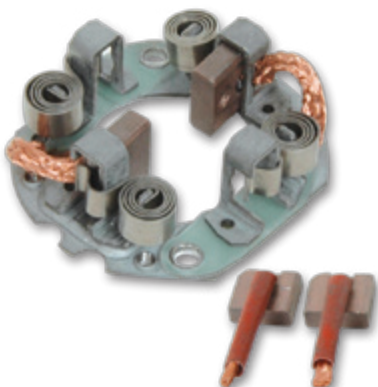
NISSAN

ISUZU

240, 740, 760
CORSA 1.5, 1.7 D
LEVEND
2500/3000 D

4 KÖMÜRLÜ / WITH 4 BRUSHES

HI 4752



JASX 74-75 H

7x19x16

24 Volt

ARAÇ MODELİ / VEHICLE MODEL

ISUZU

ŞAMPİYON, NPR, NKR
NQR, NKR WIDE
OTOBÜS / BUS

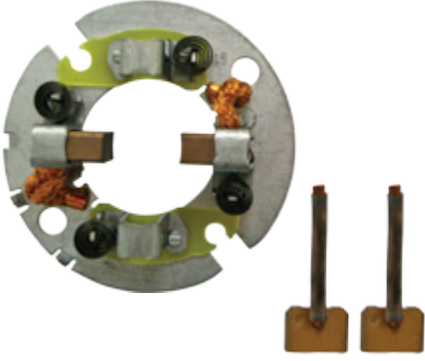
UYGUN OEM NO / REPLACING OE-REF

2240-4310

MOTOR NO / UNIT NO

S25-163A, -B, -C, -E, -F, -G, 167, -168, -168A, -171,
501, 501A
8970324640
324642
655260
958112

4 KÖMÜRLÜ / WITH 4 BRUSHES

HI 6371**JASX 36-37****8x25x18****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

2250-7310

MOTOR NO / UNIT NO

0311-4010, 4200

128000-0832, 5350, 5760, 9560,

0228000-0200, 0391

Nissan 23379-J5500

Isuzu 1-81116-023-0

23380-J5500

1-81116-024-0

23331-Z9002

5-81116-024-0

23331-Z9003

5-81116-025-0

28331-Z9000

8-97030-389-0

28331-Z9001

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL****KIA**

BONGO, PREGIO, BESTA

ISUZU

FORKLIFT 2.2 KW

NISSAN

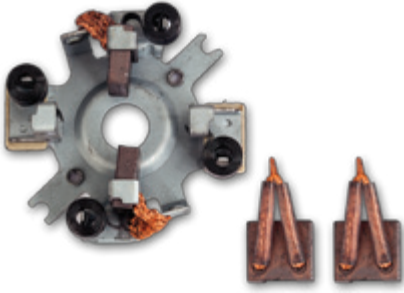
LU 0361**LASX 36****9x20x26****12 Volt****UYGUN OEM NO / REPLACING OE-REF**TAB104, SSP0004, 54245374,
54245374010**MOTOR NO / UNIT NO**M50., 063227501010,
063227502010, 063227510010,
063227512010, 063227518010,
063227533010, 063227541010,
63227547010**ARAÇ MODELİ / VEHICLE MODEL**FORD 750-1210
OTOSAN
BMC 100, 135, 140
LEYLAND 140, 1340
CHRYSLER
GENOTO
BEDFORD
CARGO
HEMA
M. FERGUSON**4 KÖMÜRLÜ / WITH 4 BRUSHES****LU 5161****LASX 15-16****7,9x19,05x22,2****12 Volt****UYGUN OEM NO / REPLACING OE-REF**TAB102, SSP005, 54266043,
54266043010**MOTOR NO / UNIT NO**2M113, 3M113, 063227408010,
063227409010, 063227412010,
063227415010, 063227416010,
063227417010, 063227419010**ARAÇ MODELİ / VEHICLE MODEL**BMC
ROVER OFF-ROAD
DEFENDER 2.5 d
LAND ROVER 2.25 d**4 KÖMÜRLÜ / WITH 4 BRUSHES****LU 5162****LASX 15-16 H****7,9x19,05x22,2****24 Volt****UYGUN OEM NO / REPLACING OE-REF**

54290531

MOTOR NO / UNIT NO

M 113 -24V Starters

4 KÖMÜRLÜ / WITH 4 BRUSHES

MA 1221

MASX 21-22 **8x25x23** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF

 721 650 01,
 072165001000 - MAKO,
 7984628 - FIAT

MOTOR NO / UNIT NO

 632 167 01-04,06-08,10,25-27,31,
 632 167 33, 38, 40, 41, 47, 48, 63
 MT67 - 24 Volt

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODELS
IVECO EUROCARGO,
FIAT ALLIS
 MK
 ZETA

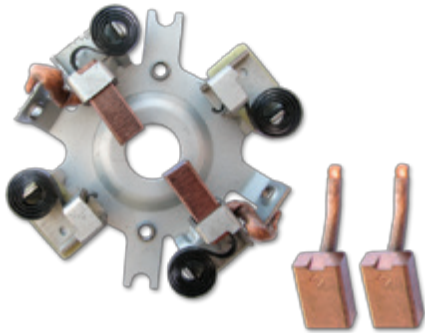
MA 3241

MASX 21-22 **10x25x23** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

721 647 01

MOTOR NO / UNIT NO

632 168 17, 18, 31, 52, 61, 84, 96

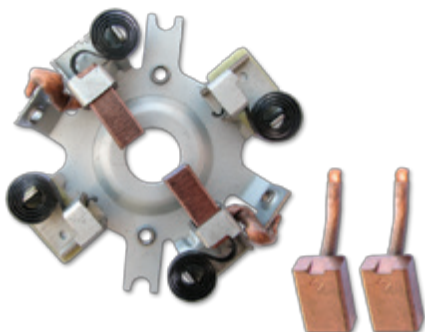
4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
CHRYSLER
DODGE DESOTO-FARGO, AS900
FIAT TRAKTÖR / TRACTOR
FORD D1210, CARGO, GENOTO
 BEDFORD
JOHN DEERE
LOMBARDINI,
M. FERGUSON
TOE
MA 5261

MASX 25-26 **9x16x23** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF

2 004 336 021

MOTOR NO / UNIT NO

 0631 180 01009
 0632 071 43 00

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
FIAT AGRICULTURE,
 ALLIS, COMMERCIAL

MA 7281

MASX 27-28 **9x16x23** **24 Volt**
UYGUN OEM NO / REPLACING OE-REF

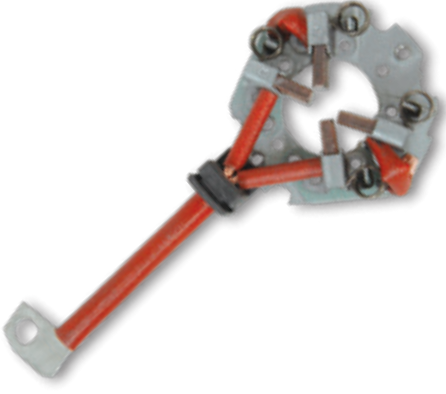
 8190402 Fiat
 072164102010 lucas
 72164102 Magneti Marelli
 072164102000 Mako

MOTOR NO / UNIT NO

 4691200 , 4706931, 4744841, 4752403 ,
 4807377 , 6706931 , 77050561, 77080560,
 77080561
 11.130.146 , 11.130.216 , azj3520, azj3542
 4744841
 30281018, 63217201, 63217225, 63217226
 mt72a , mt72aa , mt72ab

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
IVECO AIFO , ZETA
FIAT ALLIS , BENFRA, OTOYOL,
ISUZU

MI 0411



JASX 40-41 **4,5x12x17,5** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

M649T01271, 649T09371
36169-32510
36170-32500

MOTOR NO / UNIT NO

M1T70481, 70485, 70781, 70781 A, 71081, 71281
71281A, 71281B, 71381, 71581, 71681, 71881,
71881A, 77581

ARAÇ MODELİ / VEHICLE MODEL

HYUNDAI SONATA, ELANTRA,
H 100
MITSUBISHI COLT, GALANT, LANCER
L200, L300, PAJERO
MAZDA (ŞANZIMANLI TİP /
GEAR REDUCTION STARTER)
KIA
RENAULT CLIO 1.5 D

3 KÖMÜRLÜ / WITH 3 BRUSHES

MI 1391



JASX 39 C **6,5x8x10** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

28514-5020

MOTOR NO / UNIT NO

128000-2520, 2631, 2800, 2820, 2980, 3090, 3530, 4060, 423

ARAÇ MODELİ / VEHICLE MODEL

FORD ESCORT, FIESTA 1.2 - 1.3
MAZDA
TOYOTA
SUZUKI ALTO, CARRY

4 KÖMÜRLÜ / WITH 4 BRUSHES

MI 1701



JASX 70 **6,8x11,8x17,2** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

M649T04171, M649T04973, M649T04471, M649X03171,
M649X09571, 84171T, 84571
M649X09571, 23378-N5912

MOTOR NO / UNIT NO

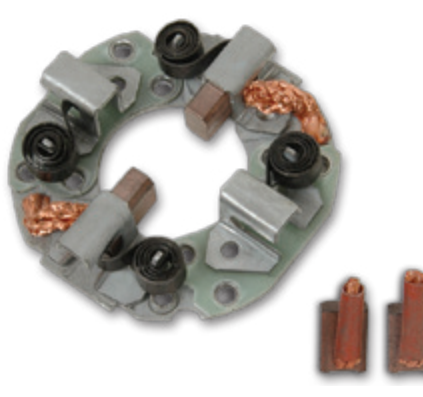
M3T10172, -10271, -10272, -10372, -10473, -10475, -10476, -10672
M2T23685, 25681, 25481, 50181, 50585, 51085, 51181, 53383, 52181,
52681, 52881, 52882, 53181, 53781, 53785, 58581,
M2T25481, 50181, 50585, 51082, 51083, 51085, 52181, 52681, 52881,
52882, 53181, 53781, 53785, 58581,
M3T21882D, 23300-00H10, 23378, 23378-N5911,
23380-U0110/B5010/E3010,
MD602468, 602740

ARAÇ MODELİ / VEHICLE MODEL

HYUNDAI ELANTRA, SONATA,
H 100
MITSUBISHI COLT, LANCER, L200,
L300, PAJERO
NISSAN SUNNY ALMERA,
PRIMERA
KIA
CITROEN
SUZUKI
PEUGEOT
MAZDA SEPHIA

4 KÖMÜRLÜ / WITH 4 BRUSHES

MI 1702



JASX 70 H **6,8x11,8x17,2** **24 Volt**

UYGUN OEM NO / REPLACING OE-REF

M649X20771-ME701495

MOTOR NO / UNIT NO

M2T87871
M8T80071, -A -80171, -80471, -80472, -80571, -85071

ARAÇ MODELİ / VEHICLE MODEL

MAZDA
MITSUBISHI CANTER 659
NISSAN

4 KÖMÜRLÜ / WITH 4 BRUSHES

MI 1711

JASX 71
8x24x17
12 Volt
UYGUN OEM NO / REPLACING OE-REF
M649T02171

MOTOR NO / UNIT NO

MITSUBISHI
M2T60071-073, 60171, 60185, 60271, 60371
92071, 92271

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
MAZDA
MITSUBISHI PAJERO GALANT
L300 EM
PROTON PERSONA

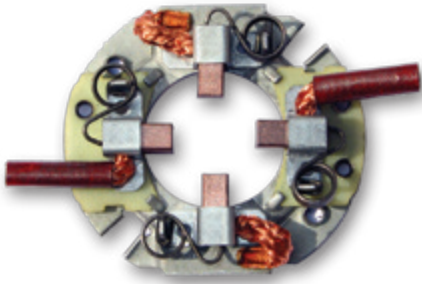
MI 2431

JASX 42-43
4,5x18x17,5
12 Volt
UYGUN OEM NO / REPLACING OE-REF
M649T01671

MOTOR NO / UNIT NO

M1T74081, 74181, 74281, 74283, 74381, 74481, 74482, 74581,
74583, 74781, 74781A, 75181, 75281, 75283,
75381, 75581, 75681, 76081, 76281

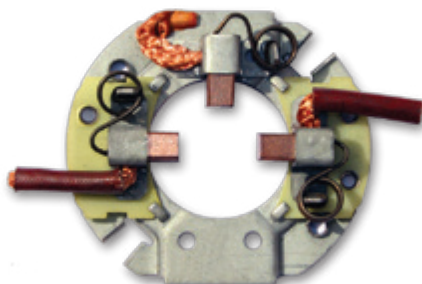
3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
SUBARU IMPREZA, LEGACY,
OUTBACK

MI 2831

JASX 82-83/4
7x10x17
12 Volt
UYGUN OEM NO / REPLACING OE-REF
M649T01371, 02271, 04871

MOTOR NO / UNIT NO

M2T2018D, 32782D, 37081, 41181, 41182, 42481, 42781,
42881, 42981, 44081, 48081, 49281, 49282

4 KÖMÜRLÜ / WITH 4 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
HYUNDAI ACCENT, ELANTRA,
SONATA,
MAZDA 323, 626
NISSAN PATROL, BLUEBIRD,
VANETTE, PICK UP,
TERRANO

MI 2832

JASX 82-83/3
7x10x17
12 Volt
UYGUN OEM NO / REPLACING OE-REF
M649T04471- M649X09571

MOTOR NO / UNIT NO

M2T50181, 50585, 51085, 52181, 52681, 52881, 52882,
53181, 53781, 53785, 58581
M3T21882D

3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL
HYUNDAI ACCENT, ELANTRA, PONY,
SONATA, ERA
MAZDA 323, 626
NISSAN CHERRY, MICRA, SUNNY,
PRAIRIE,
MITSUBISHI COLT, CELESTE, CORDIA,
GALANT, LANCER, L200,
L300, PAJERO
PROTON PERSONA

MI 4281



JASX 44-28/0

4,5x12x12,5

12 Volt

UYGUN OEM NO / REPLACING OE-REF
MITSUBISHI

MOTOR NO / UNIT NO
M000T91581

ARAÇ MODELİ / VEHICLE MODEL
RENAULT

CLIO II 1.5 DCI, 1.4,
CLIO III 1.5 DCI,
KANGOO, EXPRESS
1.5 DCI, MODUS,
MEGANE, SCENIC 1.4,
1.5 DCI

3 KÖMÜRLÜ / WITH 3 BRUSHES

MI 4282



JASX 44-28/00

4,5x12x12,5

12 Volt

UYGUN OEM NO / REPLACING OE-REF
MITSUBISHI

MOTOR NO / UNIT NO
MOT20871
M321X45071

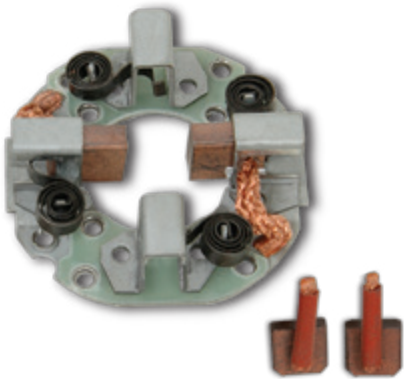
ARAÇ MODELİ / VEHICLE MODEL
CITROEN

BERLINGO, C4, C5,
C8, C15, EVASION,
JUMPER, JUMPY,
XANTIA, XSARA
FIAT
PEUGEOT

DUCATO, SCUDO, ULYSSE
206, 306, 307, 407, 407,
607, 806, 4007, BOXER,
EXPERT, PARTNER

3 KÖMÜRLÜ / WITH 3 BRUSHES

MI 6971



JASX 96-97

6x18x18

24 Volt

UYGUN OEM NO / REPLACING OE-REF
M649T05072, M648X28671

MOTOR NO / UNIT NO

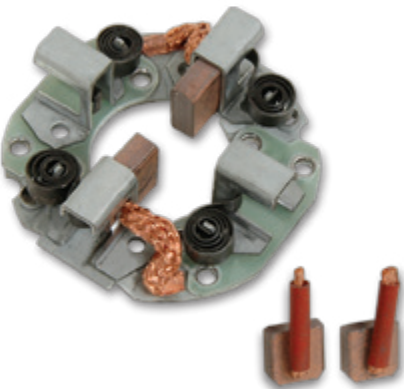
M2T 64271, 65272, 66871, 66873, 67871,
67873, 67881, 67883, 67981
M8T 70710, 80071, 80071A, 80071B, 85071B
ME012994, 012995, 014418, 017492, 017646

ARAÇ MODELİ / VEHICLE MODEL
MITSUBISHI

CANTER 429 (1994-2000)

4 KÖMÜRLÜ / WITH 4 BRUSHES

MI 8991



JASX 98-99

6,8x18x18

12 Volt

UYGUN OEM NO / REPLACING OE-REF
M648X28271, ME700127
M649T05071, 05072

MOTOR NO / UNIT NO

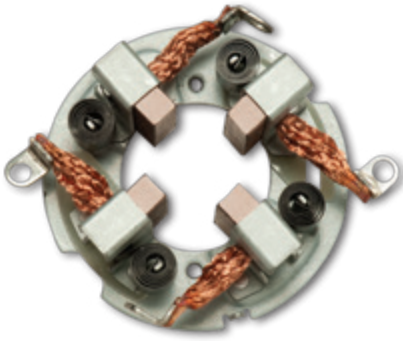
M2T 54172, 54271, 54371, 54372, 54572, 55971, 56071,
56171, 56181, 56182, 56271, 56272, 56471,
56472, 56971, 57271, 61071, 61171, 61371,
61471, 61771, 62271, 65271, 65971

ARAÇ MODELİ / VEHICLE MODEL
MITSUBISHI

CANTER L200, L300,
PAJERO, SHOgun, COLT,
LANCER,
HYUNDAI
H100,
STAREX
NISSAN
MAZDA
SUZUKI

PICKUP 2300, 2500 D,
323, 626,
VITARA

4 KÖMÜRLÜ / WITH 4 BRUSHES

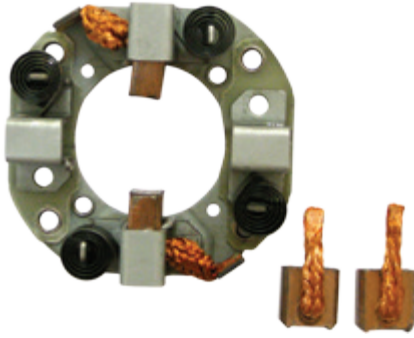
ND 0111**JASX 10-11****10x30x20****12/24 Volt****UYGUN OEM NO / REPLACING OE-REF**
028510-0880**MOTOR NO / UNIT NO**128000-2450, 2470, 3361, 4250, 4682, 4685
228000-331, 332, 573, 585, 700
3.0/5.5 kW**ARAÇ MODELİ / VEHICLE MODEL****ISUZU****CATERPILLAR****DODGE****GMC****HINO**

CUMMINS

TRACTOR

TRACTOR

5.5 KW, KIRKAYAK

4 KÖMÜRLÜ / WITH 4 BRUSHES**ND 0521****JASX 52****6.5x13x14****12 Volt****UYGUN OEM NO / REPLACING OE-REF**
028510-5190**MOTOR NO / UNIT NO**1280005210, 1280005211, 1280005680,
1280005682, 1280006420, 1280006422,
1280006720, 1280006721, 1280007400**ARAÇ MODELİ / VEHICLE MODELS****TOYOTA**

COROLLA

4 KÖMÜRLÜ / WITH 4 BRUSHES**ND 0841****JASX 84****7x16x14****12 Volt****UYGUN OEM NO / REPLACING OE-REF**
028510-0750, -5320**MOTOR NO / UNIT NO**028000-6260, 8990, 9321
1.4 kW OSGR- Marş motoru / Starter**ARAÇ MODELİ / VEHICLE MODEL****TOYOTA****HONDA****DAIHATSU**

CORONA, COROLLA

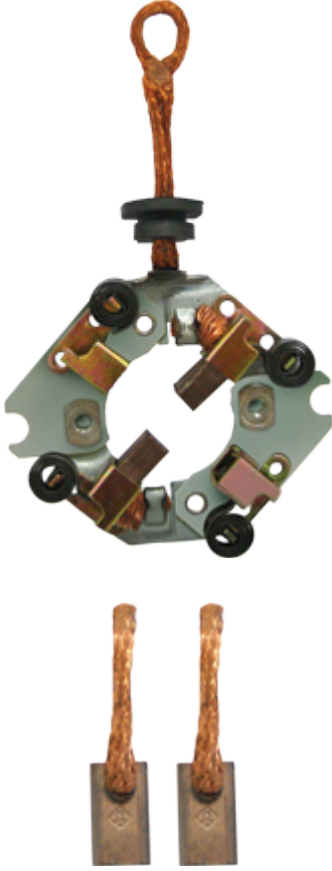
CARINA, CAMRY, CELICA

ACCORD

APPLAUSE

4 KÖMÜRLÜ / WITH 4 BRUSHES

ND 0851



JASX 85

6.5x10x16

12 Volt

UYGUN OEM NO / REPLACING OE-REF

028510-0560

MOTOR NO / UNIT NO

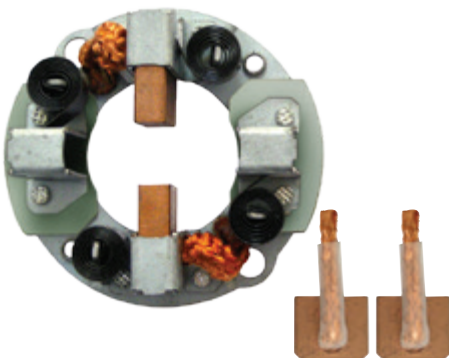
028000-9490
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 87706, 28100-87708, 28100-87708-000, 28100-87709, 28100-
 87709-000, 28100-87725, 28100-87725-000, 28100-87727,
 28100-87727-000, 28100-87730, 28100-87730B, 28100-
 87734, 28100-87734-000, 28100-
 87784
 94439315, 96051950, 96054059, 96062498
 31200-637-600, 31200-676-6050, 31200-PA0-006, 31200-PA0-
 016, 31200-PA5-9112, 31200-PB1-934, 31200-PC0-004, 31200-
 PC1-004, 31200-PC5-0042, 31200-PE0-003, 31200-PE0-013,
 31200-PE0-901, 31200-PE5-L01, 31200-PM5-L01,
 31200-PM5-L03, DF4EF, DF4EH, DFDE6, DFKEE, DFLEA
 8941313560, 8941313561, 8941313562, 8942178712,
 8944121420, 8944121421, 8944393150, 8944393151
 B6DK-18-400
 SBA18508-6370, SBA18508-6540
 23300-AA000, 23300-AA030, 23300-AA031, 42991-1710, 42991-
 5700, 42991-6200, 42991-7000, 42991-7110, 42991-7120, 42991-
 7130, 42991-7400
 31100-78310, 31100-78420, 31100-79661, 31100-82011, 31100-
 82610, 31100-82611, 31100-82612, 31100-826A1, 31100-84350
 28100-10030, 28100-10050, 28100-13020, 28100-13020K, 28100-
 13030, 28100-15010, 28100-15011, 28100-15031, 28100-15060,
 28100-15110, 28100-15160, 28100-15170, 28100-23800-71,
 28100-27020, 28100-31020, 28100-31021, 28100-31030, 28100-
 37010, 28100-37011, 28100-41050

ARAÇ MODELİ / VEHICLE MODELS

DAIHATSU
 TOYOTA
 DAIHATSU MOTOR CO FREIGHTLINER
 GM
 HONDA, ACURA
 ISUZU
 MAZDA
 NEW HOLLAND
 SUBARU
 SUZUKI
 TOYOTA

4 KÖMÜRLÜ / WITH 4 BRUSHES

ND 0881



JASX 88

8x25x21

12 Volt

UYGUN OEM NO / REPLACING OE-REF

028510-0500

MOTOR NO / UNIT NO

02800-5510, 5860,
 02800-6290, 6870,
 02800-7240, 8070
 12800-1790, 3080

ARAÇ MODELİ / VEHICLE MODELS

DAIHATSU
 HINO
 ISUZU
 KOMATSU
 MITSUBISHI
 TOYOTA

4 KÖMÜRLÜ / WITH 4 BRUSHES

ND 1021
YENİ - NEW

JASX 101-102 4,5x14x10,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

Denso 428000-0670,-0680 - 0700,-1640,-17500
 1454651, 1935477,1935485
 6667825
 116928A1, 116928A2, 116928A23, 193432A1, 193432A2,
 1987565C1, 1987566C1, 332443A1, 8605784, A186247,
 A187615, D129494
 OR4318, OR9226, 1053133, 10R- 0754, 111-9860, 111- 9860,
 234-2637, 3E5381, 3E5382, 6T0380, 7C5731, 8C4774, 9W2946,
 9W3748
 4428221
 C07825, C07837
 65.26201-7050
 12596914, 94039465, 94052175, 94052837, 97500358
 28100-1863, 28100-1863D
 2509687C91, 2585347C91, 2589223C91, 2589223C91,
 2593562C91, 2593563C91, 2593564C91, 3520840C91,
 3549408C91, 3591688C91, 3595800C91
 1811002301, 1811002310, 1811002340, 1811002341,
 1811002390, 1811002461, 1811002610, 1811002990,
 2-91255-900-0, 2911234200, 2912559020, 8-97500-358-2,
 8971197490, 8975002310, 8975003580, 8975003581
 7026921
 AT195414, RE500199, RE500345, RE501050, RE501060,
 RE501060, RE501150, RE501298, RE501298, RE501298,
 RE502811, RE504244, RE504245, RE506079, RE506103,
 RE506105, RE520634, RE525468, RE528619, RE529661,
 RE533091, RE534934, RE534961, RE537519, RE539695,
 RE65817, RE69704, RE69705, RE70473, RE70474, RE70957,
 RE70958, RE70959, RE70960, RE70975, RE79474,
 SE501403, SE501403, SE501403, SE501405, SE501406,
 SE501407, SE501853, SE501866, SE501872, SE502559, TY24439,
 TY24439, TY24440, TY24441, TY24443, TY24444
 600-863-5110, 600-863-5111
 193432A2, 8605784, 87413501
 61230354, 61230355, 61230359, 61230373, 61230712,
 61231320

ARAÇ MODELİ / VEHICLE MODELS

BLUEBIRD BUS
 BOBCAT
 CASE
 CATERPILLAR
 CHRYSLER
 CLARK
 DAEWOO MOTOR CO
 GM
 HINO
 IHC, NAVISTAR
 ISUZU
 JLG INDUSTRIES
 JOHN DEERE
 KOMATSU
 NEW HOLLAND
 THOMAS BUILT BUSES

3 KÖMÜRLÜ / WITH 3 BRUSHES
ND 2011
YENİ - NEW

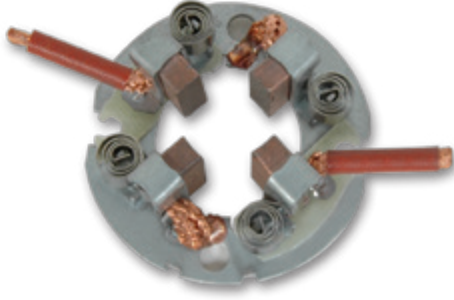
HYUNDAI ERA 5x10,6x12,5 12 Volt
UYGUN OEM NO / REPLACING OE-REF
MOTOR NO / UNIT NO

3610003100

ARAÇ MODELİ / VEHICLE MODEL

HYUNDAI ACCENT, i10, i20, i30

3 KÖMÜRLÜ / WITH 3 BRUSHES

ND 7781**JASX 77-78****8x25x15****12 Volt****UYGUN OEM NO / REPLACING OE-REF**

028510-0640, 0840, 5010, 5500

MOTOR NO / UNIT NO

028000-7000, 7740, 7790, 8130, 9830

128000-0570, 9830, 0040, 0832, 0960, 1040, 3101, 3250,
3420, 5350, 028000-7001, 7370, 8760, 8762, 9830

Daihatsu	28140-54070-000	Isuzu	5-81116-040-0
	28140-64040-000		5-81118-021-0
	28140-87706-000		8-94167-430-0

Komatsu	028510-0640
Mazda	RE01-24-750
Toyota	28140-54070
	28140-64040

4 KÖMÜRLÜ / WITH 4 BRUSHES**ARAÇ MODELİ / VEHICLE MODEL**

KIA	SPORTAGE, BESTA CERES
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DAIHATSU**MAZDA**323 D, 626 D, E 2200
MAZDA PICKUP**TOYOTA**COROLLA 1.8 D, 2.0 D
CARINA 2.0 D
CAMRY 1.8, 2.0 D
TOYOTA LAND CRUISER
2.4 D, TD, HI-LUX 2, 4

VA 1290


PSX 129'a uygun. / Suitable for PSX 129

MOTOR NO / UNIT NO

 D8E103
 D9E31, 40, 43-46, 49-55, 62, 74, 75, 77, 79, 85, 87, 95, 98, 100,
 102-104 S, 111, 131, 138, 140, 200, 238, 300, 771-774,
 776, 851, 852

 Alüminyum somun opsiyonel
 Aluminium nut optional

ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN	GOLF, JETTA, PASSAT TRANSPORTER
RENAULT	9, R 11, R21, CLIO MEGANE, TRAFFIC SAFRANE
SEAT	TOLEDO
CITROEN	
PEUGEOT	309,
VOLVO	340, 440, 460, 480

VA 1291

PSX 129 **10,6/6,1x10,3x15** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 92 882

MOTOR NO / UNIT NO

 D8E103
 D9E31, 40, 43-46, 49-55, 62, 74, 75, 77, 79, 85, 87, 95, 98, 100,
 102-104 S, 111, 131, 138, 140, 200, 238, 300, 771-774,
 776, 851, 852

3 KÖMÜRLÜ / WITH 3 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

VOLKSWAGEN	GOLF, JETTA, PASSAT TRANSPORTER
RENAULT	9, R 11, R21, CLIO MEGANE, TRAFFIC SAFRANE
SEAT	TOLEDO
CITROEN	
PEUGEOT	309
VOLVO	340, 440, 460, 480

VA 1330


PSX 133'e uygun. / Suitable for PSX 133

MOTOR NO / UNIT NO

 D9E36, 38, 39, 48, 56, 57, 61, 64, 66, 68, 70, 76, 78, 81, 83,
 86, 92, 94, 100, 107, 110, 113, 114, 123, 125, 127,
 129, 132, 136, 137, 237, 276, 701, 702, 861

 Alüminyum somun opsiyonel
 Aluminium nut optional

ARAÇ MODELİ / VEHICLE MODEL

RENAULT	5, 9, 19, 21, MEGANE TRAFFIC, CLIO 1.2, 1.4
FORD	ESCORT, FIESTA

VA 1331

PSX 133 **13,9/6,9x12x15** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
 594132-385

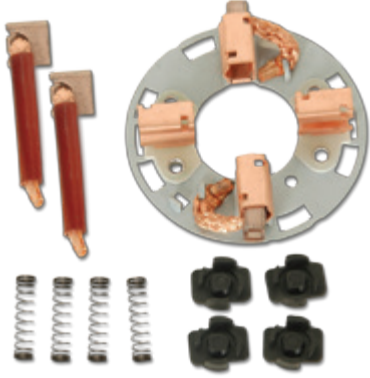
MOTOR NO / UNIT NO

 D9E36, 38, 39, 48, 56, 57, 61, 64, 66, 68, 70, 76, 78, 81, 83,
 86, 92, 94, 100, 107, 110, 113, 114, 123, 125, 127,
 129, 132, 136, 137, 237, 276, 701, 702, 861

2 KÖMÜRLÜ / WITH 2 BRUSHES
ARAÇ MODELİ / VEHICLE MODEL

RENAULT	5, 9, 19, 21, MEGANE TRAFFIC, CLIO 1.2, 1.4
FORD	ESCORT, FIESTA

VA 1441



PSX 142-144 7x14x13,7 12 Volt

UYGUN OEM NO / REPLACING OE-REF

Anticlockwise
Saat Yönü Tersi
Brush Holder For D7R

MOTOR NO / UNIT NO

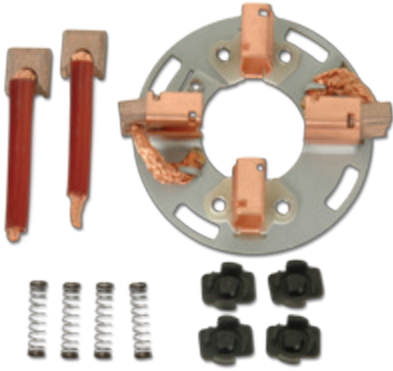
D7RS131, -31, D7RS130, -30, D7RS129, -29
RE501680, RE501693, RE502156, RE502196, RE60641,
RE63010, SE501861

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

AUDI A2, A3
FORD GALAXY
SEAT ALHAMBRA, AROSA,
CORDOBA, IBIZA,
LEON, TOLEDO,
SKODA OCTAVIA,
VOLKSWAGEN BORA, GOLF, PASSAT,
POLO, SHARAN,
VENTO, CADDY,
TRANSPORTER
JOHN DEERE

VA 1442



PSX 142-144 7x14x13,7 12 Volt

UYGUN OEM NO / REPLACING OE-REF

Clockwise / Saat Yönü
Brush Holder For D7R

MOTOR NO / UNIT NO

D7R123, -19, -28, -281, -43, -46
D7R13, -18, -25, -35, -5
D7R1, -11, -3, -45
D7R12, -20, -27, -4
D7R22
D7R33
D7R48
D7R16

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

VOLVO S40, 440, 460
AUDI 80, 90 A4, A6
VOLKSWAGEN PASSAT
CITROEN C5, EVASION, XANTIA,
BERLINGO, JUMPER, JUMPY,
ELANTRA
HYUNDAI ZETA
LANCIA ZETA
PEUGEOT 106, 206, 306, 405, 406, 605,
806, BOXER, EXPERT, PARTNER
METRO
BMC MICRA
NISSAN MEGANE, CLIO, R 19, SAFRAN,
RENAULT C200D, E200D, E250D, E290D,
MERCEDES V200, V220, 409D, 612D,
812D, SPRINTER, VITO

VA 1480



PSX 148'e uygun. / Suitable for PSX 148

UYGUN OEM NO / REPLACING OE-REF

594070, 183957, 186381

MOTOR NO / UNIT NO

D6RA5, 6, 12, 16, 18, 20, 33, 37, 38, 45, 61

ARAÇ MODELİ / VEHICLE MODEL

RENAULT CLIO, KANGOO, LAGUNA
MEGANE, 19, 21
FIAT DUCATO
CITROEN XSARA, BERLINGO
JUMPER
SEAT IBIZA
PEUGEOT PARTNER, 106
206, 306,
OPEL ASTRA, CORSA, VECTRA
SUZUKI GRAND, VITARA

VA 1491



PSX 148-149 4,5/9x11x18 12 Volt

UYGUN OEM NO / REPLACING OE-REF

594070, 183957, 186381

MOTOR NO / UNIT NO

D6RA5, 6, 12, 16, 18, 20, 33, 37, 38, 45, 61

2 KÖMÜRLÜ / WITH 2 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

RENAULT CLIO, KANGOO, LAGUNA
MEGANE, 19, 21
FIAT DUCATO
CITROEN XSARA, BERLINGO,
JUMPER
SEAT IBIZA
PEUGEOT PARTNER, 106
206, 306,
OPEL ASTRA, CORSA, VECTRA
SUZUKI GRAND, VITARA

VA 1551

PSX 155 **6,4x8x11** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
187517, 594290

MOTOR NO / UNIT NO
D7E 1, 4, 6, 8, 15, 16, 18-20, 22, 27, 29-32,
D28

ARAÇ MODELİ / VEHICLE MODEL
RENAULT CLIO 11, 1.2, 1.6,
LAGUNA, MEGANE 1.4, 1.6
KANGOO, TWINGO
MERCEDES
PEUGEOT
CITROEN
VOLKSWAGEN A 140, A 160

4 KÖMÜRLÜ / WITH 4 BRUSHES
VA 1571

PSX 148-157 **4,5/9x11x18** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
594129, 130, 253

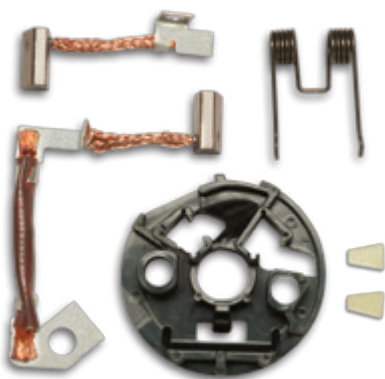
MOTOR NO / UNIT NO
D6RA7, 13, 15, 17, 19, 21-23, 25-30, 32, 34, 39-44, 46, 48-50,
52-56, 59, 60, 63, 66, 70, 72, 75, 141, 161, 661, 721

ARAÇ MODELİ / VEHICLE MODEL
BMW MOTORSİKLET /
MOTORCYCLE
OPEL ASTRA, CORSA,
FIAT MAREA
VOLVO S40
RENAULT SAFRANE

2 KÖMÜRLÜ / WITH 2 BRUSHES
VA 1572

PSX 148-157 **4,5/9x11x18** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
594129, 130, 253

MOTOR NO / UNIT NO
D6RA7, 13, 15, 17, 19, 21-23, 25-30, 32, 34, 39-44, 46, 48-50,
52-56, 59, 60, 63, 66, 70, 72, 75, 141, 161, 661, 721
kablo boyu / cable length **110 mm**
ARAÇ MODELİ / VEHICLE MODEL
BMW MOTORSİKLET /
MOTORCYCLE
OPEL ASTRA, CORSA
FIAT MAREA
VOLVO S40
RENAULT SAFRANE

2 KÖMÜRLÜ / WITH 2 BRUSHES
VA 1581

PSX 148-158 **4,5/9x11x18** **12 Volt**
UYGUN OEM NO / REPLACING OE-REF
594132, 385

MOTOR NO / UNIT NO
D6RA 33, 37, 47, 51, 57, 101, 133, 571

ARAÇ MODELİ / VEHICLE MODEL
CITROEN
VOLVO
RENAULT MEGANE DIESEL

2 KÖMÜRLÜ / WITH 2 BRUSHES

VA 1591



PSX 148/159

4,5/9x11x18

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

OPEL
RENAULT

UYGUN OEM NO / REPLACING OE-REF

594318, 323, 359, 364

MOTOR NO / UNIT NO

D6RA67, 78-81, 91, 167, 180, 181

2 KÖMÜRLÜ / WITH 2 BRUSHES

VA 1641



PSX 160-164

7x13x11,5

12 Volt

ARAÇ MODELİ / VEHICLE MODELS

AUDI
BMW
RENAULT MASTER
PSA
OPEL MOVANO
NISSAN, INFINITI
RENAULT

UYGUN OEM NO / REPLACING OE-REF

191141,1918
191060,1918

MOTOR NO / UNIT NO

23300-00QAF, 7711134330, 7711134931,
8200106788, 8200634602
D7G... SH clockwise

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1642



PSX 163-164

7x13x11,5

12 Volt

ARAÇ MODELİ / VEHICLE MODELS

VW CADY

UYGUN OEM NO / REPLACING OE-REF

190987,191824,193288

MOTOR NO / UNIT NO

D7G... SIH anticlock

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1671



PSX 166-167

3,9/6,4x10x15,5

12 Volt

ARAÇ MODELİ / VEHICLE MODEL

CITROEN
LANCIA
PEUGEOT
FIAT ALBEA, DOBLO 1.3 Multijet
OPEL CORSA, COMBO 1,3 CDTI

UYGUN OEM NO / REPLACING OE-REF

Saat Yönü / Clockwise
1,1-1,3kW
Brush Holder For D6G...

MOTOR NO / UNIT NO

D6G1, -2, -3, -32, -5

4 KÖMÜRLÜ / WITH 4 BRUSHES

VA 1672**PSX 166-167****3,9/6,4x10x15,5****12 Volt****ARAÇ MODELİ / VEHICLE MODEL****AUDI****SEAT****SKODA****PEUGEOT****UYGUN OEM NO / REPLACING OE-REF**

Saat Yönü Tersi / Anticlockwise

1,1-1,3kW

Brush Holder For D6G...

MOTOR NO / UNIT NO

D6GS11, -12, 13, -14

4 KÖMÜRLÜ / WITH 4 BRUSHES

HP 0010

HPIX 3 **5,90x12,4x20,3** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

Elektrikli direksiyon pompaları için / For electric steering pumps

MOTOR NO / UNIT NO

7701470783

KABLOSUZ VE KONEKTÖRSÜZ / WITHOUT CABLE AND CONNECTOR

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

PEUGEOT

106, SAXO

RENAULT

CLIO, KANGOO

HP 0011

HPIX 3 **5,90x12,4x20,3** **12 Volt**

UYGUN OEM NO / REPLACING OE-REF

Elektrikli direksiyon pompaları için / For electric steering pumps

MOTOR NO / UNIT NO

7701470783

KOMPLE / COMPLETE

KABLOLU VE KONEKTÖRLÜ / WITH CABLE AND CONNECTOR

4 KÖMÜRLÜ / WITH 4 BRUSHES

ARAÇ MODELİ / VEHICLE MODEL

PEUGEOT

106, SAXO

RENAULT

CLIO, KANGOO

MARŞ MOTORU KÖMÜRLERİ

STARTER BRUSHES



Takım Sipariş Kodu / Set Order Code

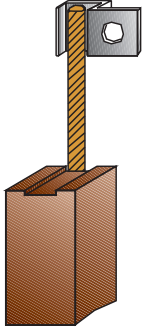
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 12

1 007 014 100


4-BS 12

 0 001 354 006, 012, 016, 018, 025-027, 029, 031, 033,
034, 036, 038, 042, 048, 055, 062, 064, 068,
070, 073, 074, 077, 079-096, 098-100, 103,
106, 108, 109, 113,
0 001 355 012
356 001 363 001
9 000 143 200, 1

**INTER
HANOMAG
STEYR
MERCEDES**

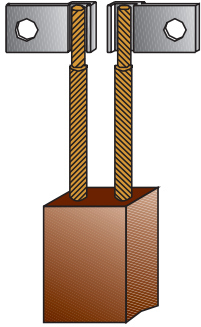
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x13x25,5
BSX 33

2 007 014 020


4-BS 33

 0 001 400 016,
401 051

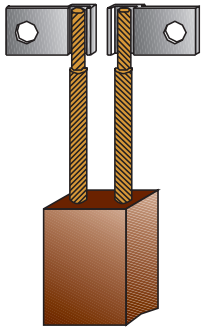
RENAULT

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x28,5
BSX 34

 2 007 014 021
1 007 014 107

4-BS 34

 0 001 401 071,
402 001, 7-9, 011, 012, 018, 023, 034, 041, 043,
044, 050, 052-061, 065, 066, 068, 069, 071,
072, 074, 075, 077, 079-081

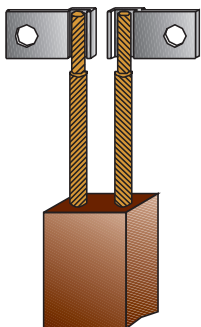
**SCANIA VABIS
MAN
MAGIRUS
VOLVO**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x20x28,5
BSX 35

 1 007 014 109
2 007 014 047

4-BS 35

 0 001 401 002, 4-7, 11, 13, 15, 17, 26-29, 35-37, 39,
041, 43-47, 49-53, 57, 60-62, 66-71, 73

**MERCEDES
VOLVO
MAGIRUS**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

12x20x28,5

Takım Sipariş Kodu / Set Order Code

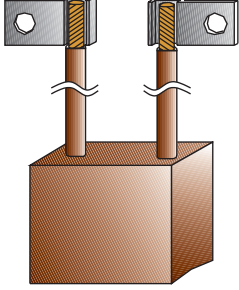
Özellikler
Properties

Motor Numarası / Unit No.

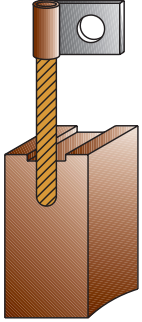
Araç Modeli/Vehicle Model

BSX 36

1 007 014 105

**4-BS 36**0 001 501 001, 3, 5, 6, 13, 14, 19, 24, 31, 32, 34, 35,
38, 41SCANIA VABIS
MAGIRUS
MERCEDES
VOLVOGerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**12x36x30****BSX 39**

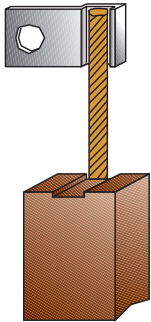
2 007 014 002

**4-BS 39**

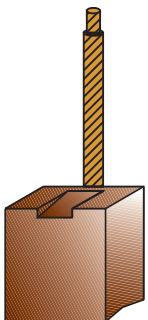
0 001 355 009, 11, 13, 15-17, 19, 20

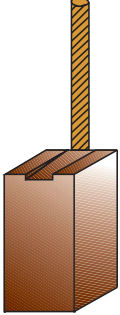
Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9x13x25,5****BSX 43**

1 107 014 110

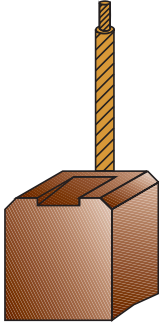
**4-BS 43**0 001 203 005, 008-011, 016, 019
204 005
205 003, 005, 007, 009, 010, 012, 013, 015, 017
217 001
304 002, 010, 012, 013, 016, 019, 023
305 001, 002, 008, 010-013, 016
306 011, 013
307 004, 007-012, 014-017, 019-022, 024, 025
309 001
312 001OPEL
MERCEDES
BMW
VOLKSWAGEN
FORDGerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**7x16x22****BSX 49**

1 107 014 126

**4-BS 49**0 001 207 002, 003, 005, 006, 007, 009
010, 013, 015, 016, 019, 020
0 001 310 002, 005, 007, 008, 009, 010
011, 016OPEL
MERCEDESGerilim / Voltage
(Volt)**6**Ölçü / Dimension
(mm)**7x16x18**

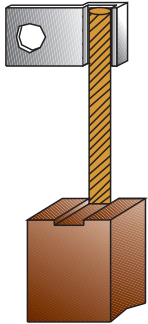
Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 59
**1 007 014 117
1 007 014 112**

2-BS 59
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x18

0 001 208 001, 014, 018, 019, 030, 036
037, 038, 048
0 001 209 014, 003, 006, 010, 012, 013
018, 020, 022, 026
212 002, 003
214 001
217 001
0 001 311 008, 010, 020
9000042027

**OPEL
FORD**
BSX 70
2 007 014 018

4-BS 70
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x14x16

0 001 155 016, 017
157 001-4, 6, 7, 13-16, 18, 21-25, 27-30
9 000 141 101, 3, 4, 7, 8, 11-16, 100
334 101-104

OPEL SEAT KADETT
INCA
TERRA

BSX 74
**2 007 014 000
2 007 014 024**

4-BS 74
**Gerilim / Voltage
(Volt)**
6/12
**Ölçü / Dimension
(mm)**
7x14x17,5

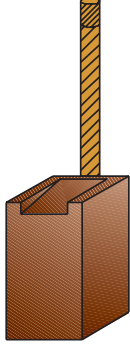
0 001 100 003, 004
101 004
102 003-006, 009
104 005, 007
105 002, 003
154 001, 005, 007
155 001-004, 006, 008-010, 014-016
157 010
158 001, 002, 008, 009
9 000 141 000-004, 006-010, 013, 015, 017, 018

OPEL CORSA
KADETT
ASCONA

Takım Sipariş Kodu / Set Order Code

BSX 75

2 007 014 026



Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BO 0751

0 001 207 001, 018,
208 004, 08, 25, 39-41, 44, 49, 51-54, 100, 101
200-5, 6, 8-11, 13, 14, 16-21, 23-29, 32, 33
403-409, 11-23, 25-29,
211 200, 1, 4-9, 10, 13-25, 27-29, 33-36, 39, 41-49
251-55, 57-59, 86, 88,
986-93, 95-96, 97, 98
0 001 212 006-8, 11, 13, 204-14, 400-3
213 003, 4
9 000 142 001-003, 14, 100-102
333 105, 112, 115, 116, 118, 119

4-BS 75

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x10x18

FORD GXL 1.1L, 1.3L

OPEL
MERCEDES
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 FIORINO1.5;
ELBA 1.5; UNO
1.5/1.6,
147/147 CITY
EUROPA
/FIORINO / GLS /
OGGI / PANORAMA/
PICK-UP / ELBA
1.5;
PREMIO1.5.,
TEMPRA 2.0
MPI/SPI 16V/ 8V,
TEMPRA
2.0 TURBO, TIPO
1.6 i.e.;

FORD
UNO 1.6 MPI,
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,
KARMANNGHIA
1600; SP,
600/1700; VARIANT
II, 1600;
BRASÍLIA1.3/1.6;
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;SAVEIRO 1.6;
VOYAGE 1.5/1.6,
QUANTUM 2.0i;
SANTANA 2.0i,

YANMAR
BT22 / 23
MICROTRATORES
CT 11 / TC 11
SUPER,
NIVA 1.5 / 1.6;
Motores
950 / 950 L

LADA
Motores
950 / 950 L

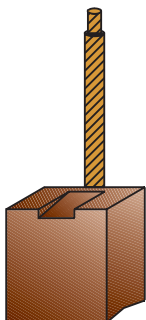
TIETE
Motores
950 / 950 L

BSX 76

1 007 014 119

1 007 014 121

1 007 014 127



4-BS 76

0 001 207 001, 3, 5-7, 9, 10, 13, 15-20
208 004, 6, 7, 9-12, 17-19, 23, 25, 29, 032, 033, 36-38,
46-50, 54, 55, 056, 058, 059, 061
209 014
211 005, 016, 017, 129
212 002, 3, 5, 6, 12
214 001, 002
215 001, 002
217 001
0 001 310 002, 5, 7-11, 16, 18, 43, 46, 47,
0 001 310 049, 50, 116, 120
311 008, 10, 13, 19, 23, 25, 28-32, 34-37, 45, 47, 050
052, 054-056, 100, 103, 105, 107, 108,
112, -115, 118, 120-128, 130, 131, 133-143,
146, 147, 149-152,
312 100-102, 104-107, 110, 111
313 006, 007
314 001, 003-006, 008-018, 022, 024-049
0 001 317 005, 006

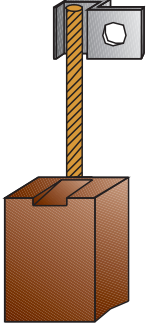
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x16x18

OPEL
MERCEDES
BMW

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 82
2 007 014 041

4-BS 82

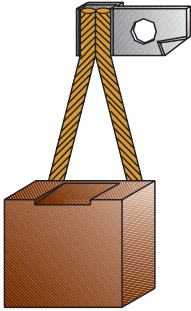
 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

7x16x22

 0 001 203 008, 009, 016,
204 005
205 003, 005, 012, 015, 017
304 012, 016
305 008, 016
306 011
0 001 307 004, 007, 008, 009, 014, 017, 019, 024, 025
0 001 401 002, 004, 006, 011, 013, 015, 017
026, 027, 028, 029, 035, 036
037, 039, 041, 043, 044, 045
046, 047, 049, 050, 051, 052
053, 057, 060, 061, 062, 066
067, 068, 069, 071, 073, 074h

VOLVO
BSX 85
2 007 014 022

4-BS 85

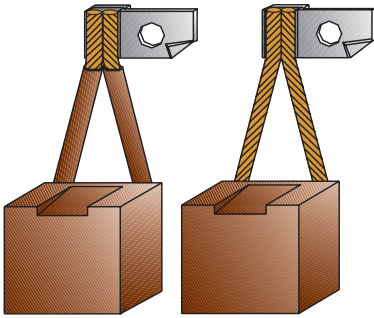
 Gerilim / Voltage
(Volt)

12/ 24

 Ölçü / Dimension
(mm)

8x25x23

 0 001 360 008, 10, 12, 16, 23
2 004 320 218
2 004 320 139
0 001 364 001
0 001 360

MERCEDES 302
FORD CARGO
MAN
BSX 86-87
**2 007 014 044
2 007 014 052**

BS 86
BS 87
**2-BS 86
2-BS 87**

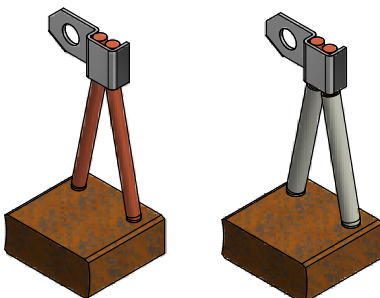
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x23

 0 001 358 200-2
0 001 359 001-4, 6-8, 10-14, 16, 18-21, 23-41, 43-51,
53-69, 71-76, 81-92, 94-102, 104-14, 17-19, 22,
24
0 001 365 004-008
9 000 143 107, 9-11

IVECO 49 NC
DODGE AS 600
MACK
BSX 96
**2 007 014 044
2 007 014 052**

BS 96A
BS 96B
**2-BS 96A
2-BS 96B**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10x25x23

 0 001 358 200-2
0 001 359 001-4, 6-8, 10-14, 16, 18-21, 23-41, 043-51,
53-69, 71-76, 81-92, 94-102, 104-14, 17-19, 22,
24
0 001 365 004-008
9 000 143 107, 9-11

IVECO 49 NC
DODGE AS 600
MACK

Takım Sipariş Kodu / Set Order Code

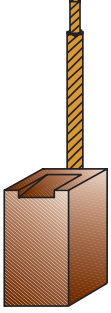
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 98

1 007 014 126
1 007 014 133



4-BS 98

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

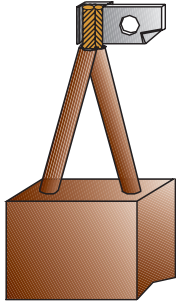
7x10x18

0 001 207 001, 018,
208 004, 08, 25, 039-41, 44, 49, 51-54, 100, 101
200-5, 6, 8-11, 13, 14, 16-21, 23-29, 32, 33
403-409, 11-23, 25-29,
211 200, 1, 4-9, 10, 13-25, 27-29, 33-36, 39, 41-49,
251-55, 57-59, 86, 88,
986-93, 95-96, 97, 98
0 001 212 006-8, 11, 13, 204-14, 400-3
213 003, 4
9 000 142 001-003, 14, 100-102
333 105, 112, 115, 116, 118, 119

FIAT TIPO, UNO
DUCATO
FORD ESCORT, CAPRI
ORION, SIERRA
VERONA LX
VOLKSWAGEN
CADDY 1.8
GOLF
SCIROCCO
JETTA 1.5

BSX 99

2 007 014 036



4-BS 99

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

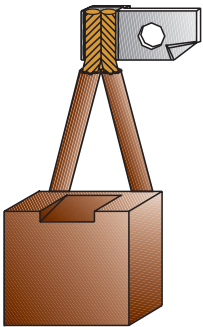
12x36x27

0 001 410 029,062
416 001-40,42-77
0 001 417 001-74

MASSEY FERGUSON
MAGIRUS-DEUTZ
MAN
MERCEDES
VOLVO
IVECO
FIAT KAMYON/TRUCK
RENAULT KAMYON/TRUCK

BSX 100

2 007 014 049



4-BS 100

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

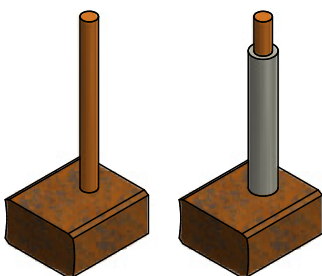
8x25x23

0 001 360 002, 3, 7, 8-10, 12-19, 22-27, 29-45, 047-51,
54-61, 63-65
0 001 364 100, 6, 8, 200-6
416 015
417 060
9 000 143 300-5, 501

DAF F-2000
TRAKTÖR /
TRACTOR
FIAT OTOBÜS / BUS
FIAT 50 NC
IVECO 120, 145
VOLVO KAMYON / TRUCK

BSX 101

2 007 014 040



BS 101A

BS 101B

BO 1011

2-BS 101A
2-BS 101B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x16x18

0 001 362 034-42, 45-53, 57-64, 67, 69-79, 81-83, 98,
99, 111, 322, 700
0 001 363 104, 5, 7, 9, 11, 13, 16
0 001 366 001-6, 8-22, 24-29, 46
9 000 143 204, 408

MERCEDES
MAGIRIUS
MASSEY-FERGUSON
PEUGEOT 504 - 2.3
PICK-UP DIESEL
KAEBLE 3 WT,
WTV c/ motor
AUDI
CASE
DEUTZ
IHC
JOHN DEERE
KHD
VOLVO (Diesel)

Takım Sipariş Kodu / Set Order Code

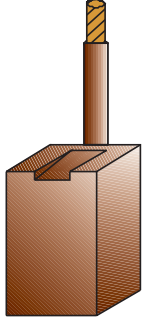
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 102

2 007 014 053


BO 1021

 0 001 357 002,
0 001 362 001-9, 11-17, 19,
021-25, 27-30, 32, 33
9 000 143 400, 2, 4-7, 9

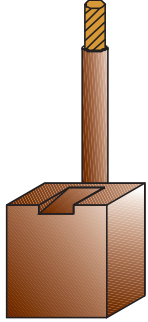
4-BS 102

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x16x25,5
OPEL
BEDFORD
MERCEDES 200 D
HENSCHEL
BSX 104

 2 007 014 054
2 007 014 055

2-BS 104

 0 001 208 009 13,24-26,31-33,58,59,61
0 001 211 001 2,4,16,21,23-25
0 001 215 001
0 001 311 001 7,14,16,26,27,32,38,39,45,48
0 001 313 001 3-5

 Gerilim / Voltage
(Volt)

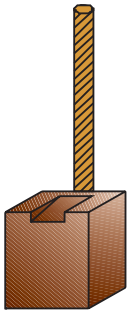
12

 Ölçü / Dimension
(mm)

7x16x18
ALFA ROMEO
GIULIA 1.3-1.6
SPIDER 1600
JUNIOR 1600
SPIDER 1300
JUNIOR 1300

BSX 121

1 007 014 128


4-BS 121

 0 001 155 016, 017
157 001-4, 6, 7, 13-16, 18, 21-25, 27-30
9 000 141 101, 3, 4, 7, 8, 11-16, 100
334 101-104

 Gerilim / Voltage
(Volt)

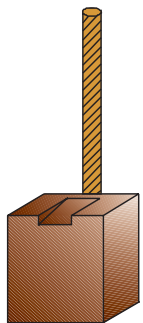
12

 Ölçü / Dimension
(mm)

7x14x16
OPEL VECTRA, CORSA
RENAULT
SEAT IBIZA

BSX 124

1 007 014 127


4-BS 124

 0 001 207 001-3, 5-7, 9, 10, 13, 15-20
208 004, 6, 7, 9-12, 17-19, 23, 25, 29,
032, 033, 36-38, 46-50, 54, 55
056, 058, 059, 061
209 014
211 005, 016, 017, 129
212 002, 3, 5, 6, 12
214 001, 002
215 001, 002
217 001
0 001 310 002, 5, 7-11, 16, 18, 43, 46, 47,
0 001 310 049, 50, 116, 120
311 008, 10, 13, 19, 23, 25, 28-32, 34-37, 45, 47
050-052, 054-056, 100, 103, 105, 107, 108,
112, -115, 118, 120-128, 130, 131, 133-143,
146, 147, 149-152
312 100-102, 104-107, 110, 111
313 006, 007
314 001, 003-006, 008-018, 022, 024-049
0 001 317 005, 006

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x18
BMW 3.16 , 3.15
3.20
VOLVO 240
ALFA ROMEO
VOLKSWAGEN PASSAT
PORSCHE 911,924
FORD FIESTA
RENAULT R 12, EXPRESS
SEAT IBIZA
AUDI
MERCEDES

Takım Sipariş Kodu / Set Order Code

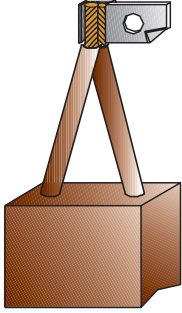
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 131

2 007 014 061
2 007 014 036



4-BS 131

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

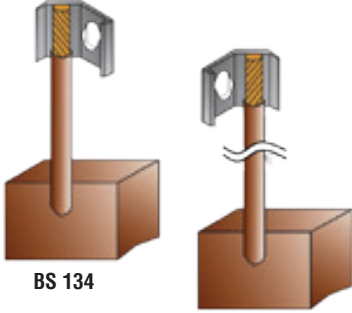
12x36x27

0 001 410 010, 015-019, 021-022, 024, 026, 029-032-035,
037, 041, 043-044, 046-048, 050, 052-054, 058,
060-065, 067-069, 073, 075, 077-078, 081, 083,
086-092, 094, 097-098, 101-102, 104-106, 109,
111, 115-118
0 001 411 008, 011-017
0 001 414 001-011, 013-022
0 001 415 001-014, 016-024, 027
0 001 501 014, 015, 020, 032

MERCEDES 303
FIAT KAMYON/
TRUCK
IVECO
RENAULT KAMYON /
TRUCK

BSX 134-144

2 007 014 062



BS 134

BS 144

BO 1441

2-BS 134
2-BS 144

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

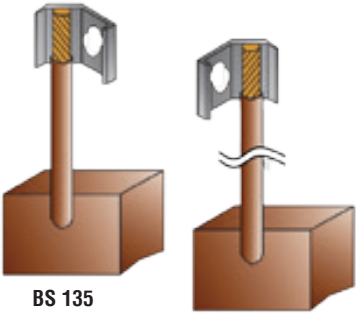
10x25x17

0 001 367 001-18, 20-46, 48, 50, 51, 54-59, 61-64,
066-68
9 000 143 410, 12, 15, 16, 19

FORD
IVECO
FIAT TRAKTÖR /
TRACTOR
MERCEDES
KAMYON /
TRUCK

BSX 135-145

2 007 014 063



BS 135

BS 145

BO 1451

2-BS 135
2-BS 145

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

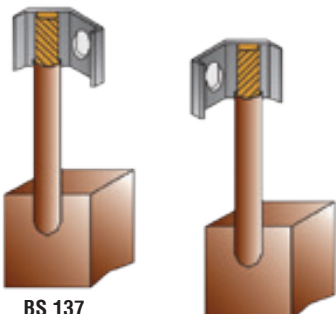
8x25x17

0 001 368 001-88
300-321
369 011
9 000 143 600-04

MERCEDES
VOLVO
IVECO
RENAULT
FORD
MAN
LEYLAND
DAF KAMYON/
TRUCK
OTOBÜS / BUS
OPEL D
SCANIA D
FIAT D

BSX 137-143

2 007 014 065
2 007 014 068



BS 137

BS 143

BO 1431

2-BS 137
2-BS 143

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x16x17

0 001 362 034-36, 38-43, 45-53, 057-64
067, 69, 70, 81-86, 88-100, 102-105
300-332, 600-607, 700-705
0 001 366 001-6, 8-22, 24-29,
9 000 143 203, 4; 408, 11, 13, 14, 20

BMW 7.30 2.8L
OPEL ASTRA
1.8i, 2.0i,
FRONTERA,
OMEGA, VECTRA 1.8i
RENAULT EXPRESS 1.9D
MEGANE 1.9D,
CLIO 1.9D,
R9/19 1.9D, VOLVO
S40 1.9D
IVECO
MERCEDES
DAIMLER KAMYON /TRUCK
FORD TRANSIT 100-
120-150
190-80, SCORPIO
FIAT OTOBÜS / BUS
TRAKTÖR/ TRACTOR

Takım Sipariş Kodu / Set Order Code

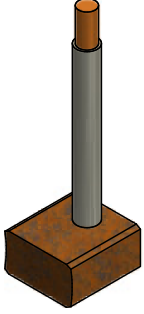
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 139

2 007 014 040


4-BS 139

 0 001 362 034-36, 38-43, 45-53, 057-64
067, 69, 70, 81-86, 88-100, 102-105
300-332, 600-607, 700-705
0 001 366 001-6, 8-22, 24-29,
9 000 143 203, 4; 408, 11, 13, 14, 20

 Gerilim / Voltage
(Volt)

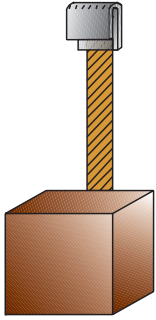
12

 Ölçü / Dimension
(mm)

9x16x17
FIAT COMMERCIAL
IVECO
MERCEDES
DAIMLER KAMYON / TRUCK
FORD TRANSIT 100-
120-150-190-80, SCORPIO
FIAT OTOBÜS / BUS

BSX 140

1 007 014 138


BO 1401

 0 001 208 516, 710
211 514
312 108, 9
317 007-13, 16-19, 22-25
0 136 300 007

4-BS 140

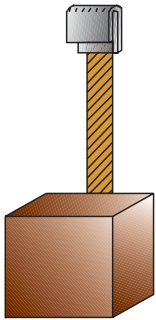
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x15
OPEL ASTRA, VECTRA
VOLKSWAGEN
TRANSPORTER,
GOLF DIESEL
TURBO, CADDY,
JETTA,
VAUXHALL
CHEVROLET KADETT
FORD ESCORT,
GRANADA
AUDI
CITROEN
IVECO
BSX 146

1 007 014 137


4-BS 146

 0 001 211 500-505, 7, 10, 11
525-30, 38

 Gerilim / Voltage
(Volt)

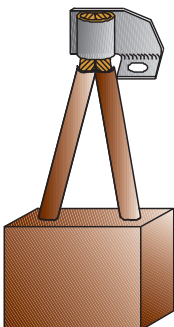
12

 Ölçü / Dimension
(mm)

7x10x14
AUDI
VOLKSWAGEN
GOLF
JETTA
PASSAT
POLO
FIAT PANDA, TIPO
FORD UNO
CAPRI
ESCORT
GRANADA
TAUNUS
LANCIA Y10

BSX 147

2 007 014 067


4-BS 147

0 001 420 001-15, 24-29

 Gerilim / Voltage
(Volt)

24

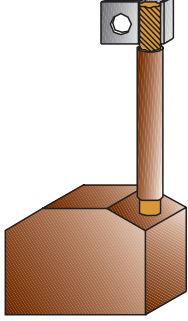
 Ölçü / Dimension
(mm)

10x36x27
NISSAN
FIAT TRAKTÖR / TRACTOR
VOLVO KAMYON / TRUCK

Takım Sipariş Kodu / Set Order Code

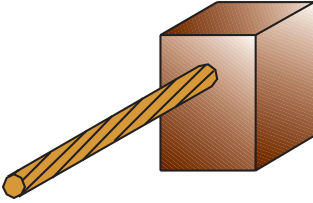
BSX 148

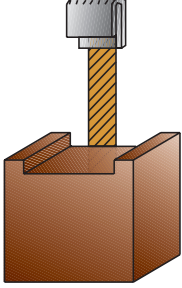
2 007 014 070

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

4-BS 1480 001 410 029, 062
416 001-40, 42-77
417 001-74Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**12x36x27**DAF
MERCEDES
MAN
IVECO
SCANIA
VOLVO
KÄSSBOHRER
LEYLAND
RENAULT**BSX 149**1 007 014 139
1 007 014 141
1 007 014 145**BO 1491**0 001 208 501, 6-8, 10, 13-21, 26, 28
702, 5-15, 17-19,
211 512, 13, 15, 33, 35, 36**4-BS 149**1 001 711 512, 13, 15
9 000 333 104, 06, 09, 14, 17, 20, 21
14736380080, 14754890080, 195270503000, 605129690,
605225650, 7716196, 9611705880
039-911-023, 046-911- 023B,069-911-023B, 069-911-023C,
069-911- 023C, 069-911-023CX, 069- 911-023D, 069-911-
023D, 069-911-023DX, 069-911-023DX, 069-911-023F
130019808,14736380080, 14754890080, 5984563, 5985265,
60512969, 60522565, 75891510, 7613744, 642261,
7680619,7706908, 7716767, 7727487, 9611705880
5001014230, 7700301993, 7700585114, 7700585375,
7700723189, 7700730756, 7700730756, 7700868184
003-151-29-01, 003-151-98-01, 004-151-20-01, 004-151-
21-01, 004-151-30-01, 004-151-35-01, 004-151-36- 01,
004-151-48-01, 004-151-51-01, 004-151-51-01-88, 004-
151-52-01, 004-151-56-01, 004-151-63-01, 004-151-71-01,
004-151-79-01, 005-151-15-01, 006-151-34-01
12-41-1-287-788, 12-41-1-288-166, 12-41-1-288-166,12-41-
1-288-226, 12-41-1-288-226, 12-41-1-289-520, 12-41-1-466-
345, 12-41-1-468-117, 12-41-1-711-403, 12-41-1- 720-246,
12-41-2-242-231, 12-41-2-288-166, 12-42-2-242-231
11180180
130019808,14736380080, 1473638080,14754890080,14754
89080, 46231643,5984563, 5985182, 5985265,
60412969, 60512969, 60522565,
7580575, 75891510, 7613744, 7642261, 7658554, 7666135,
7706908, 7716196, 7716767,7716767, 7716769, 7716769,
7716771, 7727487, 7731823,9611705880
132299, 133557
37950
42498678, 5984563, 99451753
AL 110597
118-0180
ERR5009, NAD100370, NAD10039, NAD100390
23300-7C600, 23300-9C600
12-02-048, 12-02-955, 12-02-955, 12-02-960, 90008258,
90376895, 90398044
6611513101,6611513401, 6611513701
1328392, 3544627, 5002050, 9162928Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x10x14**FIAT PANDA, TIPO, UNO
FORD CAPRI, ESCORT I-II
GRANADA, TAUNUS
LANCIA Y10
VOLKSWAGEN GOLF, PASSAT
JETTA, POLOAUDI
ALFA ROMEO
VOLKSWAGEN
CHRYSLER
LANCIA
RENAULT
MERCEDES-BENZ
BMW
DUETZ ENGINE Mfr
FIAT
GEHL
GENIE
IVECO
JOHN DEERE AL
KHD
LAND ROVER
NISSAN / INFINITI
OPEL
SSANGYONG
VOLVO

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 151
1 007 014 143

BO 1511

 0 001 218 001-29, 100-178
 9 000 331 401, 2, 5-9, 11-15, 17-28, 30-33
 6 033 AB1 300

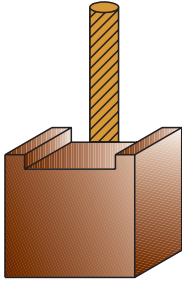
4-BS 151

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,5x18x17/19
VOLKSWAGEN
MERCEDES 190 D, VITO
 KAMYON / TRUCK
ALFA ROMEO 155
AUDI 100 D
BMW 324 TD,
 7.50I, 8.50I
CITROEN D
FORD D. -FIESTA
MONDEO SCORPIO
OPEL D. FRONTERA
 OMEGA
VOLVO
ROVER D
LAND ROVER
FIAT D

BSX 151-0
1 007 014 143

4-BS 151-0

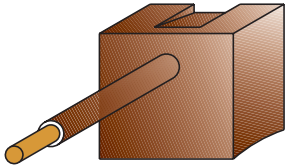
 0 001 218 001-29, 100-178
 9 000 331 401, 2, 5-9, 11-15, 17-28, 30-33
 6 033 AB1 300

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,5x18x17/19
VOLKSWAGEN
MERCEDES 190 D, VITO
 KAMYON / TRUCK
ALFA ROMEO 155
AUDI 100 D
BMW 324 TD, 7.50I, 8.50I
CITROEN D
FORD D. -FIESTA
MONDEO SCORPIO
OPEL D. FRONTERA
 OMEGA
VOLVO
ROVER D
LAND ROVER
FIAT D

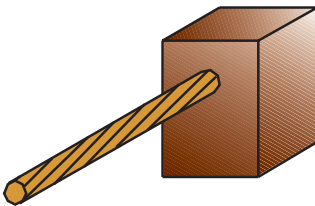
BSX 152
1 007 014 144

4-BS 152

0 001 317 014, 15, 20, 21

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x15
OPEL ASTRA, VECTRA
VOLKSWAGEN CADDY
 JETTA, GOLF
AUDI
CITROEN
FORD GRANADA
VOLKSWAGEN
 KAMYON/TRUCK
IVECO
BSX 154
**1 007 014 141
1 007 014 145**

4-BS 154

 0 001 208 501,6-8,10,13-21,26,28
 0 001 208 702,5-15,17-19,
 0 001 211 512,13,15,33,35,36
 1 001 711 512,13,15
 9 000 333 104,06,09,14,17,20,21

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x10x14
PEUGEOT 405-309-205
AUDI 100-200
CITROEN
RENAULT
VOLKSWAGEN

Takım Sipariş Kodu / Set Order Code

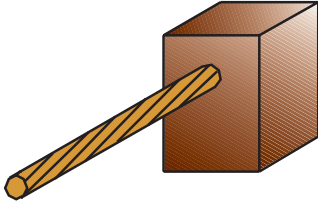
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 156

1 007 014 139



4-BS 156

0 001 208 501,6-8,10,13-21,26,28
0 001 208 702,5-15,17-19,
0 001 211 512,13,15,33,35,36
1 001 711 512,13,15
9 000 333 104,06,09,14,17,20,21

PEUGEOT 405-309-205
AUDI 100 - 200
CITROEN
RENAULT
VOLKSWAGEN

Gerilim / Voltage
(Volt)

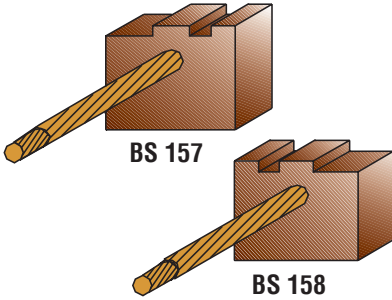
12

Ölçü / Dimension
(mm)

7x10x14

BSX 157-158

1 004 320 110
1 004 320 111



BO 1582, BO 1584
BO 1585, BO 1586

0 001 109 001-003, 06, 07, 11, 12, 14,
015, 18, 23, 25, 28, 29, 31
033-035, 40-45, 47, 61,
110 001-004, 07, 08, 11-15, 18, 19, 22-24
026-33, 39-49, 51, 53, 55-67, 70, 71,
073, 75-80, 81, 83-85, 88-90, 92, 95,
098-102, 104-07, 10-15, 20, 22-24
999
115 001, 002
124 004, 15
125 001, 02, 05, 06, 09, 10, 12, 13, 16-19
021, 22,
501-04, 07, 08, 12, 13, 17
602
F 010 ALD 101
996-604-103-00

PEUGEOT PARTNER, PARTNER 1.9D
CITROEN JUMPER
1.9D, X SARA 1.9D
S40 1.9 D
VOLVO ALFA ROMEO
BMW 5.40, 7.30i 7.35i,
7.40, 7.40i, 5.20D,
5.25i,
FIAT DUNA
MERCEDES VITO, SPRINTER
VOLKSWAGEN POLO 1.9D
RENAULT MEGANE 1.9 D,
CLIO 1.9D, MEGANE,
1.8i
OPEL ASTRA 1.8i, 2.0i
FRONTERA,
OMEGA, VECTRA
1.8i
NISSAN XTERRA 2.8D
FIAT MAREA 1.9 JTD
DOBLO 1.9
POSRCHE

2-BS 157
2-BS 158

Gerilim / Voltage
(Volt)

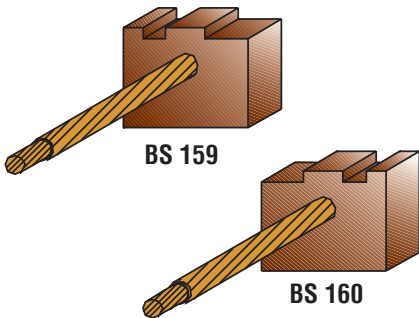
12

Ölçü / Dimension
(mm)

6x18x13/14,5

BSX 159-160

1 004 320 113
1 004 320 114



BO 1601, BO 1602
BO 1603

0 001 108 001, 02, 05, 09-13, 16-33, 35, 37
040,43-48,50-54,56-66,68,69,
071-79, 81-100, 103-12, 15-27, 29, 31-33, 36,37
139-41, 44-54, 56, 58-60, 62
168-73, 77, 78, 80-82, 84, 86, 99
996-999
111 001-05

BMW
ALFA ROMEO
MERCEDES
FORD ESCORT
MONDEO
TRANSIT 100
LADA
OPEL FRONTERA
VECTRA
AUDI A4, A6, A8
VOLVO

2-BS 159
2-BS 160

Gerilim / Voltage
(Volt)

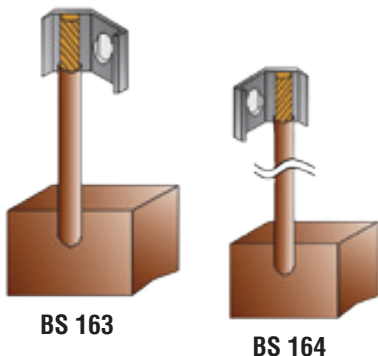
12

Ölçü / Dimension
(mm)

5x16x11,5/13

BSX 163-164

2 007 014 073
2 007 014 076



BO 1641

0 001 367 001, 04, 05, 07-10, 12, 15, 17,
018, 21, 23, 32, 44, 47, 49, 50,
052, 54, 61, 63, 65, 66, 69-82
300-03,
369 002, 05-07, 12-25,
200, 01
9 000 143 416

FORD CARGO
VOLVO
MERCEDES KAMYON/TRUCK
VOLVO KAMYON/TRUCK
IVECO

2-BS 163
2-BS 164

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x25x15

Takım Sipariş Kodu / Set Order Code

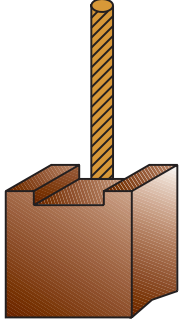
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 165

9 003 337 001


4-BS 165

 Gerilim / Voltage
(Volt)

24

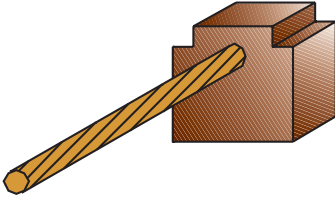
 Ölçü / Dimension
(mm)

7.5x18x17/19

 0 001 219 001-15, 17
9 000 332 401, 402, 405, 406

MERCEDES G, UNIMOG

BSX 166

 1 004 336 217
1 004 336 815
1 004 336 915

**BO 1661
BO 1662**
4-BS 166

 Gerilim / Voltage
(Volt)

12

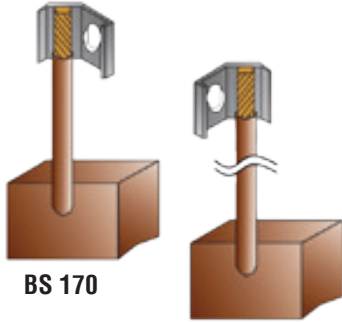
 Ölçü / Dimension
(mm)

5x12x11,6

 0 001 112 003-16, 19-25,
027-29, 32, 39, 41, 44, 45
113 001-15
114 003-06, 08-10, 14-18
020-22
133 003, 04
9 000 081 003, 10

ALFA ROMEO 145, 146
AUDI A3
CITROEN BERLINGO
FORD
OPEL VECTRA
PEUGEOT 106, 306
SEAT
VOLKSWAGEN CADDY
GOLF, POLO
VENTO

BSX 170-171

 2 007 014 077
2 007 014 085

BS 170
BS 171
**BO 1711
BO 1712**
**2-BS 170
2-BS 171**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

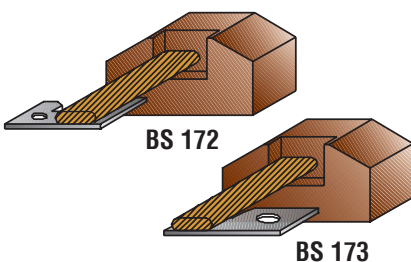
10x25x15

 0 001 364 300, 301, 400, 402
372 001-008
1317220, 1357210

DAF
IVECO
MERCEDES ACTROS
TRAVEGO 0580,
CITARO 0530,
CONECTO 0345,
TOURISMO
0350

BSX 172-173

2 007 014 079


BS 172
BS 173
**2-BS 172
2-BS 173**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

12x36x19

 0 001 410 029, 62
416 001-14, 16-19, 22, 24-33,
035-40, 42-53, 56, 57,
059-66, 68-80
417 001, 02, 04-07, 10, 11, 13,
014, 16, 17, 20, 22-31, 33,
035-38, 41-45, 47, 48,
050-59, 61-66, 68, 69,
071-74, 77, 78,
418 004-06, 08, 10

DAF
SCANIA
MERCEDES 111
IVECO
VOLVO

Takım Sipariş Kodu / Set Order Code

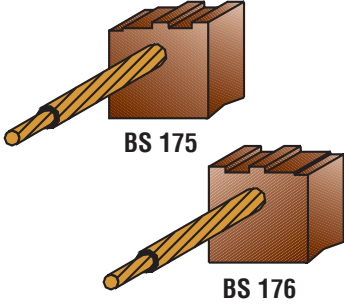
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 175-176

1 004 336 219
1 004 336 309
1 04 336 444



BO 1621, BO 1622
BO 1761, BO 1762
BO 1763

2-BS 175
2-BS 176

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

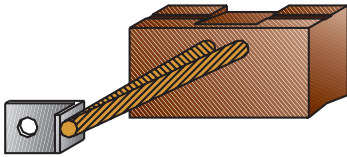
5x12x10,9/11,6

0 001 106 012, 14, 17, 22-24
107 009-12, 14, 17-19, 24, 25-34, 37-40, 043, 45-
48, 52-56, 58, 59, 62-64, 70-75, 77-80, 82,
87-90, 94-98
121 001-03, 06-09, 16, 17, 19, 22, 23
9 000 081 001, 04, 06, 07

AUDI A4, A6
CITROEN
FIAT DUCATO
FORD ESCORT
MONDEO
VECTRA
OPEL VECTRA
PEUGEOT 306, 406
BOXER
PARTNER
SEAT CORDOBA
IBIZA
TOLEDO
SKODA OCTAVIA
VOLKSWAGEN POLO
GOLF, JETTA

BSX 177

2 007 014 082



BO 1771

0 001 371 004-010, 012-20
9 000 453 064, 65, 68

4-BS 177

Gerilim / Voltage
(Volt)

24

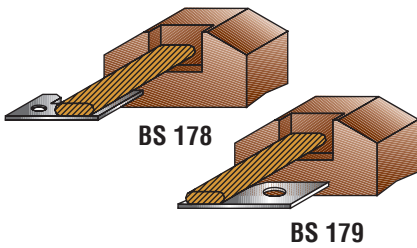
Ölçü / Dimension
(mm)

9x36x18

MERCEDES AXOR
ACTROS
SCANIA
DAF

BSX 178-179

2 007 014 080



2-BS 178
2-BS 179

0 001 418 001-003, 009, 012, 014, 015, 017

Gerilim / Voltage
(Volt)

12

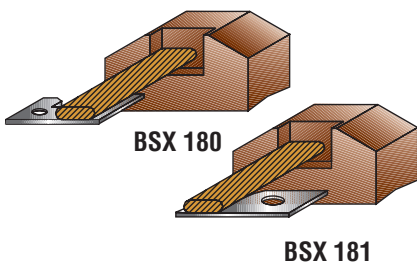
Ölçü / Dimension
(mm)

12x36x19

FORD TAUNUS
MERCEDES UNIMOG
VOLVO

BSX 180-181

2 007 014 081



2-BS 180
2-BS 181

0 001 418 016

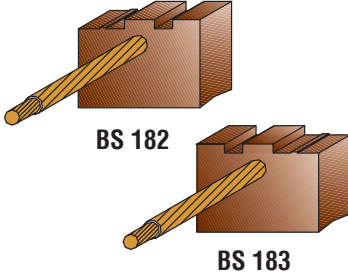
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

12x36x19

MAGIRUS

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 182-183
**1 004 320 161
1 004 320 162**

**2-BS 182
2-BS 183**

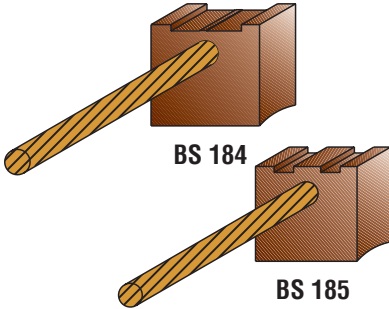
0 001 124 018, 019

VOLKSWAGEN
AUDI LUPU
A2, 1,2, TDI
3L

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x20x13/14,5
BSX 184-185
**1 004 320 163
1 004 320 164**

BO 1851

0 001 107 401-404, 406, 407, 410, 411, 415

OPEL

 CORSA
COMBO
ASTRA
SPRINTER
214, 314

**2-BS 184
2-BS 185**

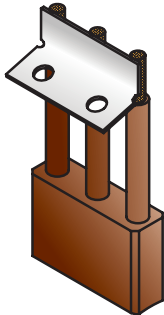
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,6x12x10,5/11,2
AUDI

 FORD FOCUS
FIAT ALBEA
DOBLO

BSX 186
**2 007 014 017
2 004 320 176**

4-BS 186

 0 001 510 001-003,005,008-010,017-028,
0 001 510 030-036,038-041
512 001,002
QB / QF(R) 9.0 kw

MERCEDES

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

12 x 40 x 27

Takım Sipariş Kodu / Set Order Code

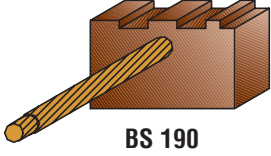
Özellikler
Properties

Motor Numarası / Unit No.

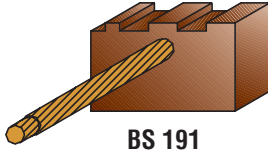
Araç Modeli/Vehicle Model

BSX 190-191

9 003 334 359
9 003 334 360



BS 190



BS 191

BO 1911

0 001 231 001-14, 16-19, 23
024, 26-30, 32-36, 38, 39

2-BS 190
2-BS 191

LE 18.250B, 1231013, 1231017, 1340895, 1346162,
1387381, 1387381R, 1387383, 1387383R, 516786R,
1725900, 1735788, 1739935, 1739936, AELD021, AELF189,
01180999BS, 1183239, 1231016, 1892338, 4892338,
500325137, 504036695, 504385577, KHD 01180999,
118-0999, 118-1101, 118-2235, 7026025A, 36-26201-6003,
51-26101-7228, 51-26201-7157, 51-26201-7158, 51-26201-
7183, 51-26201-7183, 51-26201-7193, 51-26201-7212,
51-26201-7213, 51-26201-7223, 51-26201-7228, 51-26201-
7239, 51-26201-9157, 51-26201-9213, 61-26201-7228, A5-
00055-9254, 004-151-84-01, 005-151-20-01, 006-151-22-01,
006-151-22-03, A006-151-22-01, A006-151-22-03, 2852478,
5010306413, 5010508443, 1447911, 551503093, 3978710,
8192965

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

6,4x25x15,4/16,4

MAN
MERCEDES

ATEGO, AXOR,
UNIMOG

VOLVO FL 6180 KAMYON /
TRUCK
TOURINO 0510,
CITARO 0530

OTOBÜS
/ BUS

DAF
DEUTZ ENGINE MFR

IVECO
LEYLAND AUTO

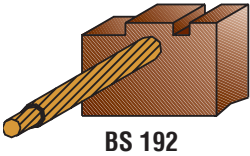
LIEBHERR

MAN
MERCEDES-BENZ
NEW HOLLAND
RENAULT

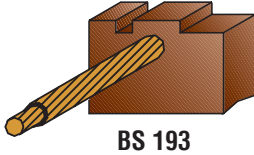
SCANIA
TALBOT
VOLVO

BSX 192-193

6 033 ADO 011
6 033 ADO 012



BS 192



BS 193

BO 1931

0 001 223 001-14, 16, 18, 19, 21
500-507

2-BS 192
2-BS 193

0 001 218 602, 620,
703, 10, 12, 15, 16, 19, 21,
725, 28, 30, 35-38, 40-42, 54, 57-59, 63-68
70-42, 74, 76, 77,
805, 08, 09, 12, 14-22

Gerilim / Voltage
(Volt)

12

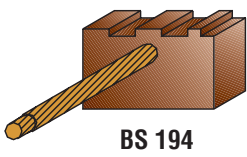
Ölçü / Dimension
(mm)

6x22x13/15

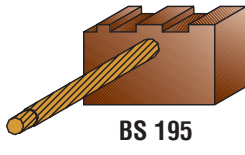
PEUGEOT PARTNER

BSX 194-195

9 003 334 361
9 003 334 362



BS 194



BS 195

BO 1951

0 001 230 001-07-10, 14, 18, 20-24, 26, 27
RE50819, RE501298, RE501551, RE501689, RE519975,
SE5011402, SE501425

2-BS 194
2-BS 195

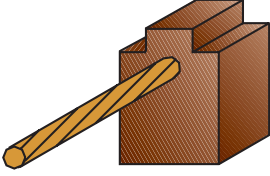
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,5x27x15,4/16,4

CHRYSLER PD 250
FORD CARGO 3227,
3226
KAMYON
TRUCK
FORD FARGO, DODGE
MERCEDES KAMYON /
TRUCK
M.FERGUSON
TRAKTÖR /
TRACTOR
JOHN DEERE

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BSX 196
1 004 320 158

**BO 1961
BO 1962**

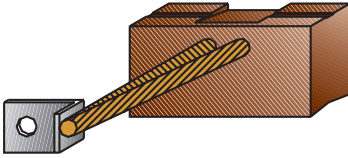
0 001 116 001, 003-006, 008, 009

4-BS 196
CITROEN SAXO
XSARA
BERLINGO
PEUGEOT 206, 306
PARTNER

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x8,5x10,5/11,5
BSX 197
2 007 014 072

BO 1971

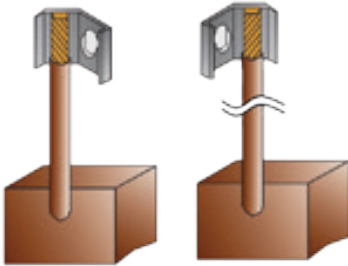
 0 001 370 001-004
9 000 453 029, 066, 067

4-BS 197
MERCEDES
VOLKSWAGEN
DAF/Leyland 1201327
45.130 /
45.150,-Turbo
45.160,-Turbo
45.180,-Turbo
45.210

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x36x18
BSX 198-199
**2 004 320 163
2 004 320 164**

BS 198
BS 199
BO 1991

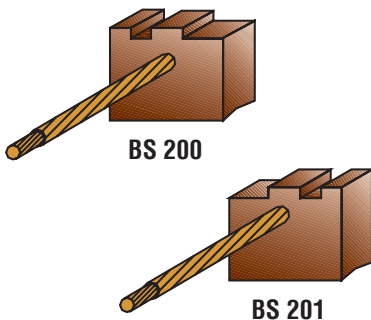
0 001 368 083

**2-BS 198
2-BS 199**
DAF
LEYLAND

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x25x13
BSX 200-201
**1 004 320 175
1 004 320 176**

BS 200
BS 201
**BO 2011, BO 2012
BO 2013**

 0 001 109 057-60, 68, 202-205, 250, 302-305, 340, 341
110, 071, 072

**2-BS 200
2-BS 201**
AUDI
VOLKSWAGEN
SEAT
SKODA 1.9 TDI

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x18x12,7/14,2

Takım Sipariş Kodu / Set Order Code

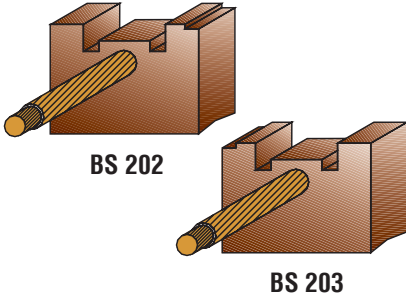
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 202-203

6 033 ADO 263
6 033 ADO 264



2-BS 202
2-BS 203

0 001 330 004, 007, 008, 011-013, 17, 501, 502
340 501-503

MAN
SCANIA
VOLVO
FORD CARGO
REDÜKTÖRLÜ MARŞLAR /
WITH REDUCER STARTER

Gerilim / Voltage
(Volt)

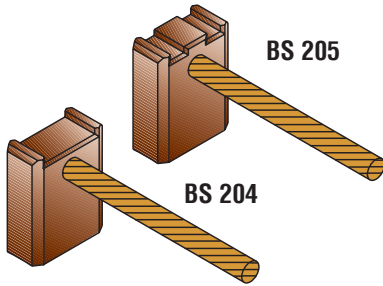
24

Ölçü / Dimension
(mm)

9x32x23

BSX 204-205

1 004 320 177
1 004 320 178



BO 2051

0 001 120 400-411
106 403-407, 409, 410

AUDI A2
SEAT CORDOBA, IBIZA
SKODA FABIA
VOLKSWAGEN
BORA
FOX, GOLF, POLO

2-BS 204
2-BS 205

Gerilim / Voltage
(Volt)

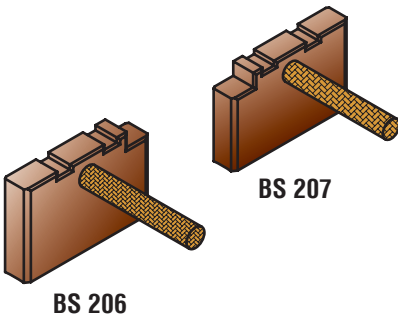
12

Ölçü / Dimension
(mm)

4,6x10x12,0/12,7

BSX 206-207

6 033 AD5 097
6 033 AD5 098



2-BS 206
2-BS 207

0 001 241 001
HEF95-L 5.5kw
1447911
P 230,270,310,340,380,420,470
R 340,380,420,470
T 340,380,420,470

SCANIA

Gerilim / Voltage
(Volt)

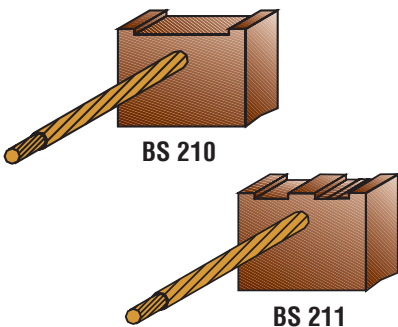
12

Ölçü / Dimension
(mm)

6.35x27.77x18

BSX 210-211

1 004 320 179
1 004 320 180



BO 2111

0 001 108 400-404, 408-12, 20, 21, 45, 46

CITROEN BERLINGO 2.0 HDI
MERCEDES
C/GLK/E 200, 270

2-BS 210
2-BS 211

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,6x16x11,5/12,2

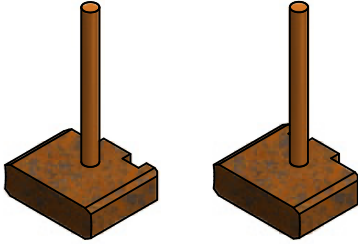
Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 212-213

 1 004 320 183
1 004 220 184


BS 212

BS 213

BO 2131
BO 2132
2-BS 212
2-BS 213

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5x16x11,5/13

 0 001 108 200-204, 206-209,
211-214, 217, 218, 20-25, 28-31, 34
237, 37-40
07C-911-023F, 07C-911-023FX, 07C-911-023G,
07C-911-023H, 07C-911-023HX
68011829AB
006-151-06-01, 006-151-10-01, A006-151-10-01

ALFA ROMEO

147, 156 1.9 JTD

FIAT MAREA, PALIO
PUNTO, STILO
STRADA 1.9 JTD

LANCIA LYBRA, 1.9 JTD

BMW 545i, 645Ci
COUPE, X5 4.4i

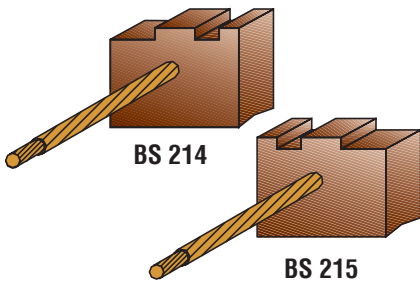
VOLKSWAGEN

 PASSAT W 3 4.0,
TOUAREG

AUDI A4, A8

LADA KALINA

CHRYSLER
MERCEDES-BENZ
BSX 214-215

 1 004 320 185
1 004 320 186


BS 214

BS 215

BO 2151
2-BS 214
2-BS 215

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x18x11/12,5

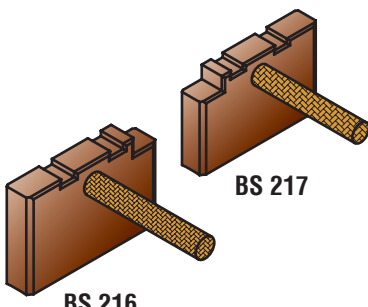
 0 001 115 008, 21, 25, 35, 39-41
045-54,70-73
12-41-7-794-952, 12-41-7-796-892
005-151-16-01, 006-151-25-01, 006-151-25-01-80,
006-151-74-01, 006-151-74-01-80
7794952, 7796892

VOLKSWAGEN

 GOLF V 1.9, 2.0 TDI,
TOUAREG 3.2,
TOURAN 2.0 TDI,
TRANSPORTER T5,
CADDY

AUDI A3 2.0 TDI, A3 1.9,
2.0, 2.5, TDI, A8

BMW
MERCEDES-BENZ
SEAT CORDOBA 1.4
STEYR
BSX 216-217

 6 033 AD5 177
6 033 AD5 178


BS 216

BS 217

BO 2171
2-BS 216
2-BS 217

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

5.35x27.77x18

 0 001 231 036,039-041
241 003,005-007,009,014,015,019
006-151-22-01, 006-151-22-03, A006-151-22-01,
A006-151-22-03
36-26201-6003

 EVB (R) 5.5KW
HEF95-L 24V(R)
HE95-M 24V(R) 4.0 kw

SCAINA P/G/R/T SERIES

DAF
MERCEDES

AXOR, ATEGO,

MAN

Takım Sipariş Kodu / Set Order Code

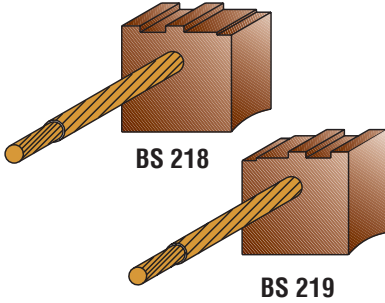
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 218-219

1 004 320 230
1 004 320 231



BO 2191
BO 2192

0 001 107 103-106
121 024-031
24-422-272, 55- 351-638, 92-00-961, 93-176-061

2-BS 218
2-BS 219

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x12x10,6/11,6

VOLKSWAGEN

001 911 023,
036 911 023 S,
085 911 023 H

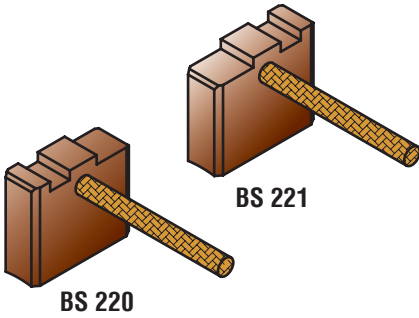
SEAT

CORDOBA, IBIZA
1.4,
LUPO 1.4

OPEL

BSX 220-221

1 004 320 208
1 004 320 209



2-BS 220
2-BS 221

0 001 109 064-067,069,070,205,
258-274,300-307
110 086,087,118,119,130,131,
133,134,136-139
124 001-008,011,013,014,022,027
125 003,004,007,008,025,031,
032,035,036,039,040,042,
043,046-049,051-056,
511-514,517-522,600,601,605-608
F 000 AL0 111
F 004 A94 008,011
DB/DW(L) 1.7-2.0 kw
DB/DW(R) 1.7-2.2 kw
R78-L35,M28,M35,M45,M55(R)
RF78-L30,L35(L)
RF78-M28,M45,SW28(R)

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

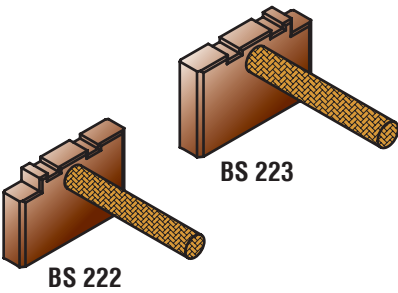
6x18x14.2/15.7

AUDI
SEAT

A4
EXEO

BSX 222-223

2 004 320 264
2 004 320 265



2-BS 222
2-BS 223

0 001 260 001
HX-95L

Gerilim / Voltage
(Volt)

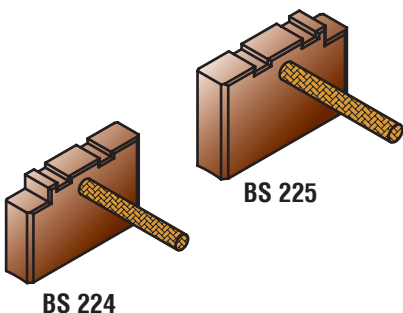
12

Ölçü / Dimension
(mm)

6,35x27.77x18.2

BSX 224-225

6 033 AD3 260
6 033 AD3 261



2-BS 224
2-BS 225

0 001 230 001-024,026-030
EV(R) 3.0 kw
HEF95-M

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,35x27,77x18

MERCEDES UNIMOG

Takım Sipariş Kodu / Set Order Code

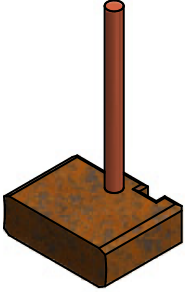
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 228-6

1 004 320 244

YENİ - NEW

BO 2281

 0 001 139 001-002,005-006,015-016,
047,048
S78-M 12V(R) 2.2 kw
BMW Model 1 and 3 diesel start/stop
Mini start/stop
Chrysler

6-BS 228

 Gerilim / Voltage
(Volt)

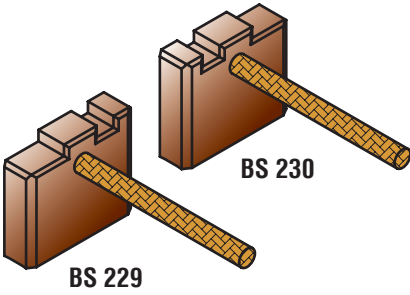
12

 Ölçü / Dimension
(mm)

5.25x18x12.7x14.2
AUDI A4
SEAT EXEO
CHRYSLER
FERRARI
FIAT PUNTO, DOBLO
PORSCHE
ALFA
BMW
MERCEDES
BSX 229-230

1 004 320 245

1 004 320 246


BO 2301
BO 2302

 0 001 138 001-006,009-012,014-016,
018,029,030
S74-L(R) 1.7 kw

2-BS 229
2-BS 230

 Gerilim / Voltage
(Volt)

12

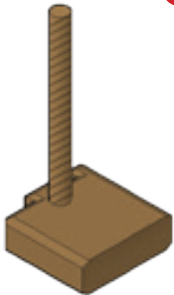
 Ölçü / Dimension
(mm)

4.6x16x12.3/13.8
BMW MODELS 1+3 GAS
START/STOP
MINI GAS,
-COOPER
DIESEL
START/STOP
PUNTO

FIAT
OPEL
SUZUKI
ALFA ROMEO MITO

BSX 233 (4)

1 004 320 251

YENİ - NEW

4-BS 233

S74- start/stop starters

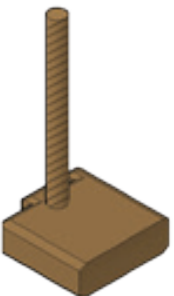
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4.6x14.0x12.3
/ 13.8**
BSX 233 (6)

1 004 320 251

YENİ - NEW

BO 2331

 S74-M start/stop starters replaced by BSX 236 overload
protection start/stopstarters

6-BS 233

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4.6x14.0x12.3
/ 13.8**
FIAT

Takım Sipariş Kodu / Set Order Code

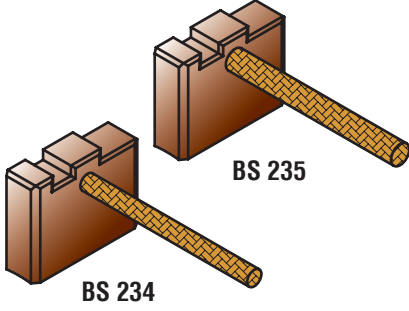
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 234-235

1004 320 254
1004 320 253



BO 2351

R78- (L) 2.2 kw
overload protection starters
0001145001
LESTER
33328

AUDI
BOSCH STARTER- FOR LINDE
13TH
1.9/2.0KW
PMGR,
CWW,
OEM. UNIT

3-BS 234
3-BS 235

Gerilim / Voltage
(Volt)

12

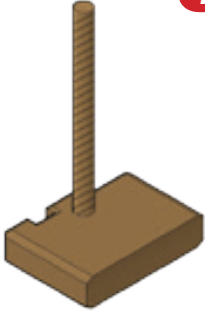
Ölçü / Dimension
(mm)

5.25x18x12.7/14.2

BSX 238

1 004 320 257

YENİ - NEW



4-BS 238

0 001 153 500,501
SFL74-E+ 12V(L) 12 Volt overload protection starters

MERCEDES BENZ B180
B180CDI
B200
B200CDI
B250

Gerilim / Voltage
(Volt)

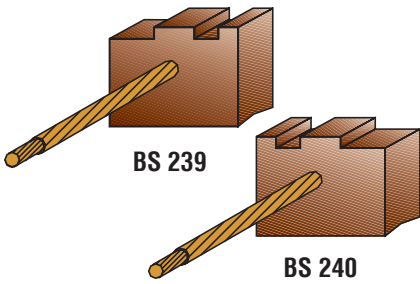
12

Ölçü / Dimension
(mm)

**4.6x19.5x12.3
/ 13.8**

BSX 239-240

1 004 320 266
1 004 320 267



2-BS 239
2-BS 240

HX 95-M,-L overload protection starter

Gerilim / Voltage
(Volt)

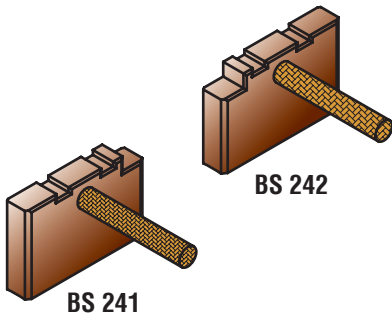
12

Ölçü / Dimension
(mm)

6,35x27.77x18.2

BSX 241-242

1 004 320 268
1 004 320 269



2-BS 241
2-BS 242

HX 95-M,-L overload protection starter

Gerilim / Voltage
(Volt)

24

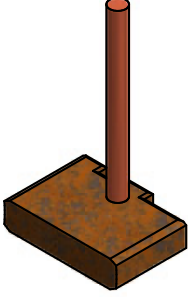
Ölçü / Dimension
(mm)

6,35x27.77x18.2

Takım Sipariş Kodu / Set Order Code

BSX 244

1004 320 282

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BO 2441

0 001 152 007-010,105,016

VW-Family start/stop starters

4-BS 244Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4.6x19.5x12.3/13.8****AUDI** A1/A3/Q3/S1
1.6/2.0 TDI
SEAT ALHAMBRA, ALTEA,
IBIZA, LEON
SKODA FABIA, ROOMSTER,
SUPERB, YETI
1.2/1.6 TDI
VW CADDY, EOS,
GOLF V1, PASSAT,
1.6/2.0 TDI

Takım Sipariş Kodu / Set Order Code

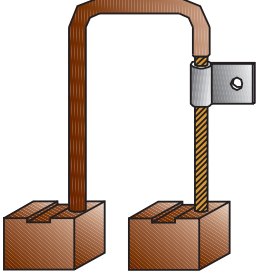
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

CHX 4

2 275 249



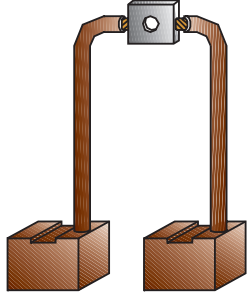
2-CH 4

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8,8x17,6x13

DODGE
DESOTO
CHRYSLER**CHX 6**

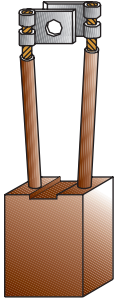
2-CH 6

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8,8x17,6x13

DODGE
DESOTO
CHRYSLER**ASX 13**606 81
606817
606826

4-AS 13

CA4512, CA45C12, CA45LC12, CA45D12

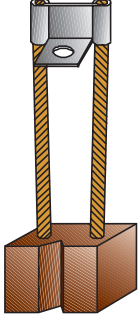
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x20x26

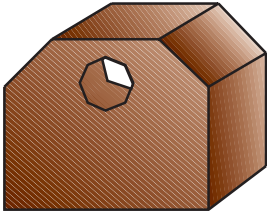
DODGE
BMC
COMMER
LEYLAND

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 55
**1 906 902
1 906 909**

4-R 55

 Gerilim / Voltage
(Volt)

12/24/32

 Ölçü / Dimension
(mm)

9,5x19,05x13,5
**CATERPILLAR
IHC
TÜRK TRAKTÖR**
RX 60
**1 906 945
1 906 966**

4-R 60

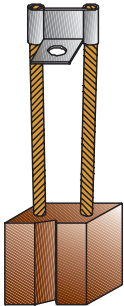
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,3x19,05x16

 1107201, 1107619-895,
1108284, 1108300-8307, 8390, 9439
199829

**CHEVROLET
IHC
GMC
BUICK**
RX 69
1 906 988

4-R 69

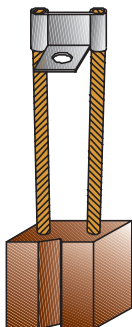
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9,5x19,05x19

 111 3484, 3582, 3693, 4052, 4055, 4070
4074, 4076, 4087, 4091, 4098, 4109
4145, 4163, 4175, 4176, 4191, 4197
4702, 4757, 4765

**JOHN DEERE
IHC
MACK
CHEVROLET**
RX 70
1 906 986

4-R 70

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9,5x19,05x19

 111 3818, 3824, 3831, 3842, 3849, 3850, 3855, 3856
3872, 3898, 3905, 3914, 3917, 4051, 4168, 4711,
4759

**JOHN DEERE
IHC
MACK
CHEVROLET**

Takım Sipariş Kodu / Set Order Code

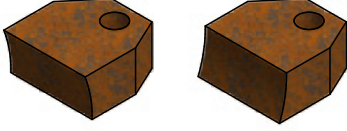
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 87

1 906 958
1 906 962
190968
190987



R 87 A

R 87 B

2-R 87 A
2-R 87 B

111 3089, 3090, 3135, 3139, 3148, 3162
3163, 3190, 3197, 3205, 3210, 3242
3261, 3262, 3534, 3535, 3626, 3633
3639, 3640, 3641, 3647, 3652, 3653
3655, 3657, 3661, 3672, 3683, 3690
3695, 4661, 4671, 4672

Gerilim / Voltage
(Volt)

12

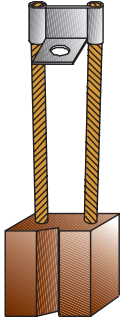
Ölçü / Dimension
(mm)

9,5x19,05x19

IHC
DODGE,
MACK,
AS 600,
ALL, CHAL

RX 92

1 906 918
1 906 989



4-R 92

1109961-98
1109220 1221, 1224, 274, 275, 297, 626, 628, 632, 635
637, 642, 643, 648, 773, 779, 840, 842, 961
965, 969, 970, 971, 979, 986, 989, 998

Gerilim / Voltage
(Volt)

24

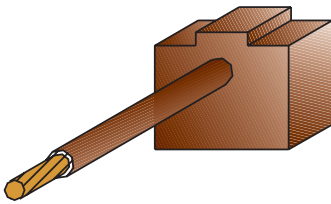
Ölçü / Dimension
(mm)

7,9x19,05x19

CATERPILLAR

RX 120/0 (2)

3 471 625



1-R 909/0
1-R 924

3471150

Gerilim / Voltage
(Volt)

12

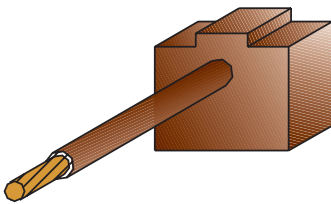
Ölçü / Dimension
(mm)

6x16x14

OPEL
CORSA
ASCONA
MANTA
VOYAGE

RX 120/0 (4)

3 471 783
3 471 834



2-R 909/0
1-R 922
1-R 924

3471155, 169, 170, 173-176

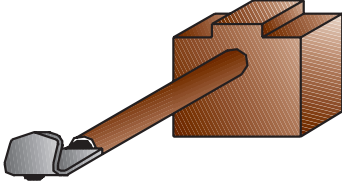
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14

OPEL
CORSA
ASCONA
MANTA,
VOYAGE

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
RX 120 (2)
3 471 506

**1-R 909/0
1-R 924 C/0**

3471143

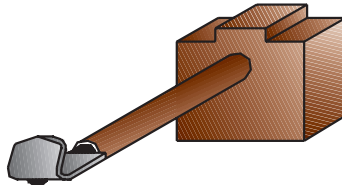
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x16x14
OPEL

 CORSA
ASCONA
MANTA
VOYAGE

RX 120 (4)
3 471 505

**2-R 909/0
1-R 922-924 C/0**

3471141, 144

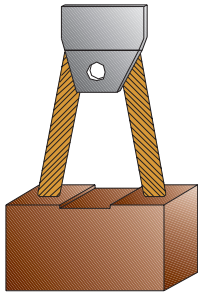
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x16x14
OPEL

 CORSA
ASCONA
MANTA
VOYAGE

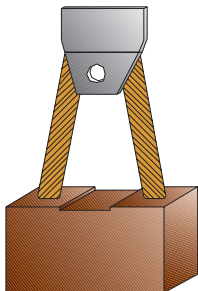
RX 122
1 852 884

4-R 122

 1114825, 4836, 4881, 4908, 4920
1990218, 1990325
40 MT 400, 450

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9,5x38,1x21,4
**CATERPILLAR
MACK
VOLVO
FORD**
RX122 H
**1 852 882
1 852 883**

4-R122 H

 1109790
1114854, 4858, 4859, 4910, 4935, 4958,
1990297, 1990346
40 MT 400, 450

 Gerilim / Voltage
(Volt)

24/32

 Ölçü / Dimension
(mm)

9,5x38,1x21,4
**CATERPILLAR
MACK
VOLVO
FORD**

Takım Sipariş Kodu / Set Order Code

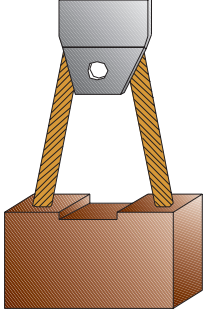
Özellikler
Properties

Motor Numarası / Unit No.

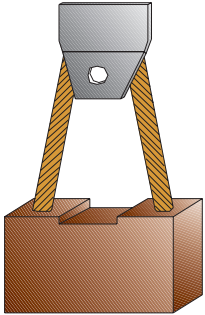
Araç Modeli/Vehicle Model

RX 124

1 852 887

**6-R 124**10478911
1990227, 1990231, 1990233, 1990236, 1990244
1990265, 1990269, 1993798, 1993847
50 MT 400CATERPILLAR
CUMMINS
MACK
VOLVO
FORDGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,9x38,1x20,6****RX 124 H**

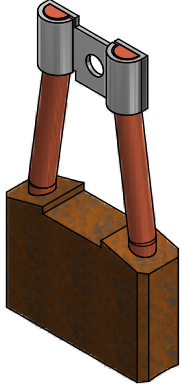
1 852 888

**6-R 124 H**1114683, 84, 86, 89
50 MT 400CATERPILLAR
CUMMINS
KOMATSU
MACK
VOLVOGerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**7,9x38,1x20,6**

Takım Sipariş Kodu / Set Order Code

RX 134

1 852 892


**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
DR 1341

 10478802, 10478803, 10478824, 10478894
 1990337, 348, 349, 352, 354, 358, 363 365, 374, 375, 377,
 379, 386, 398

4-R 134

 1993400, 420, 431, 468, 470, 483, 484 489
 824, 935, 937, 942, 975, 977 984

 Gerilim / Voltage
(Volt)

 42 MT
 71359093-3, 713590933
 1483312

12

 Ölçü / Dimension
(mm)

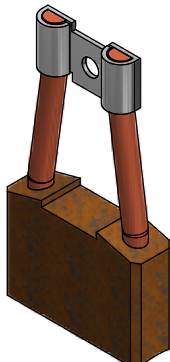
10,5x36,6x24,4

 L118276
 0R2186, 0R2186, 0R2187, 0R2188, 0R2189, 0R2190,
 0R2191, 0R2192, 0R4256, 0R4257, 0R4259, 0R4264,
 0R5218, 104-7041, 104-7042, 1046547, 106-8551,106-
 8552, 106-8552, 106-8554, 1068555, 10R0400, 10R0405,
 207-1541, 207- 1548, 207-1551, 207-1556, 2N2761, 3E7863,
 3E7863, 3E7863, 3T2579, 3T2579, 3T2648, 3T2764, 3T4586,
 3T4586, 4N0957, 4N1062, 4N3182, 4N3182, 5L4431,
 6B5539, 6N1889, 6V4214, 6V5207, 6V5207, 6V5227, 6V5537,
 6V5539, 6V5821, 769132, 8C3596, 8C3645, 8C3646, 8C3651,
 8C3651, 8C3652, 8C4090, 8H1913, 8N2447, 9G4339,
 9X4507, DR2192, PR5347, PR5348
 R0461126, R0461127, R0461184
 12850029
 1034953H91, 1034953H91, 1219523H91
 E-821124X, E-821124X, E-821126X, E-821131X, E-821131X
 85014
 260493C91, 263819C91, 313973R93, 313979R93,
 3584403C91, 430138C91, 489716C91, 527888C91,
 541747C91, 597219C91, 597220C91, 673796C92,
 989969C91
 RE24305, RE28782, RE38633, RE38634, RE41754, RE41756,
 RE43047, RE51579, RE51792, RE51792, RE53695, RE61457,
 RE61591, RE63094, RE63094, RE69590, RE69591, RE69591,
 SE501453, SE501454, TY6728, TY6730, TY6746
 8MJ4267M
 291-183-M91
 V90562, V90563
 820013422, 820013427, 820013433, 820013435, 820013436
 V1114249, V1114251, V1115303

BMC FATİH KAMYON /
 TRUCK
MACK
CATERPILLAR
CLARK
FATİH,
ALLIS CHALMERS
BLUEBIRD BUS
CASE
CATERPILLAR
DETROIT DIESEL
DEUTZ ENGINE MFR
DRESSER ENGINE MFR
EUCLID
GENIE
IHC, NAVISTAR
JOHN DEERE
MACK TRUCK
MASSEY FERGUSON
VERSATILE
WESTERN STAR
 White

RX134 H

1 852 894


DR 1342

 10478836, 10478892, 10478998
 1990344, 1990350, 1990367, 1990378, 1990453,
 1990456, 1993801, 1993802, 1993808, 1993940,
 1993945, 1993998, 1993999

4-R 134 H

42 MT

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

10,5x36,6x24,4
CATERPILLAR

Takım Sipariş Kodu / Set Order Code

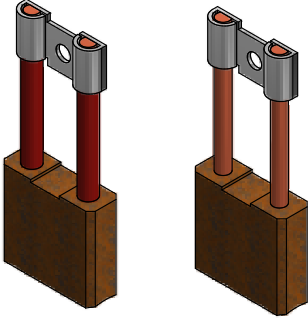
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 135

1 852 889



R 135 A

R 135 B

DR 1351

10478890 10478953 10478957 10479036
1990311, 1990313,
1993850, 1993851, 1993854, 1993866, 1993869
1993881, 1993884,
1993885, 1993886, 1993928, 1993931
37 MT, 41 MT

Gerilim / Voltage
(Volt)

c/ motor Cummins serie C 1631L;
1632L; 1632LS; 1634LS; 1938LS; 1939S; 1944L; 2638;
2638LK; 2638LS; OF1722; OH1628

12

Ölçü / Dimension
(mm)

9,5x28,6x26,3

FORD

MBB CARGO

CUMMINS
6CTAA 8.3L

MERCEDES-BENZ

BR 400 ; BR 450

BUS

O-400

TRUCKS

1938 / 2638

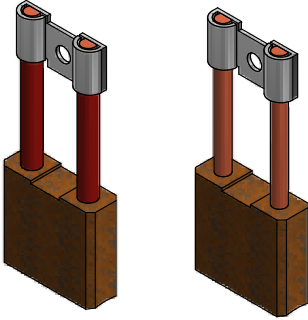
VEHICLES,

VOLKSWAGEN

motor serie C

RX 135 H

1 852 893



R 135H A

R 135H B

DR 1352

10478814, 10478815, 10478817, 10478819, 10478960,
10479013, 10479172
1990330, 1993732, 1993742, 1993901, 1993902,
1993903, 1993905, 1993918 1993953, 1993954
37 MT, 41 MT

Gerilim / Voltage
(Volt)

motor Cummins Serie C 1631L;
1632L; 1632LS; 1634LS; 938LS; 1939S; 1944L; 2638;
2638LK; 2638LS; OF1722; OH1628

24

Ölçü / Dimension
(mm)

9,5x28,6x26,3

FORD

MBB CARGO

CUMMINS
6CTAA 8.3L

MERCEDES-BENZ

BR 400 ; BR

450

BUS

O-400

TRUCKS

1938 / 2638

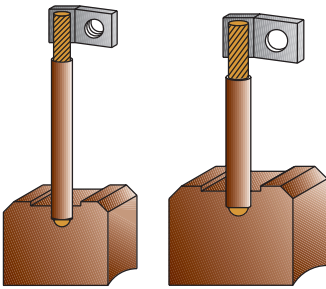
VEHICLES c/

VOLKSWAGEN

motor serie C

RX 419-420

1 045 711 9
1 045 712 0



R 419

R 420

DR 4201

10479600, 05, 08, 11, 12
1113272, 77, 91
28 MT

2-R 419
2-R 420

FG140 - 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,
A 835; GD 523 A; GD 523 R, PC 150 SE, (RETRO)

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

7,9x24,8x19,5

JOHN DEERE

NEW HOLLAND

IVECO KAMYON /TRUCK

FIAT 80 / 80S / 120 / 130 /

140 / 8340 / 8360, YANMAR

CASE W18 D / W 18

E / W 20 D / W20 E, EL

DETALLE OA 101 - 09/1997...,

MERCEDES-BENZ

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

VOLVO VME L 30, CASE: 888

BCKE; 888CKE,

KOMATSU

ESCAVADEIRA PC 150

MODELO 3,

FORD CARGO WORLD

TRUCK 1618; B 1618; B

1621, **IVECO**

120 E15; 150; 149 E

18; 150 E 20; 150 E 20 T;

150 T; 160 E 21; 160 E 23;

160 E 23 T,

VOLKSWAGEN

16t - 16.180 CO/16.210 CO;

17t - 17.210 OD/17.2400T,

B 16.180; L 80

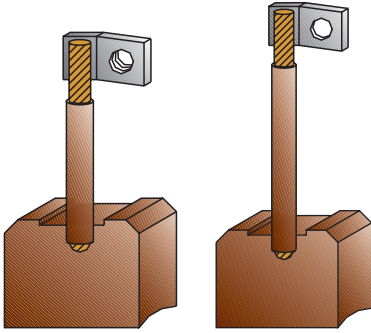
Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 457-458

 1 045 645 7
1 045 645 8


R 457

R 458

DR 4581

 1 113 273-82,86-88,90
292,95-97
323-451

28 MT

**2-R 457
2-R 458**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,9x24,8x19,5
FIAT 80 / 80S / 120 /
130 / 140 /
8340 / 8360,
YANMAR CASE

 W18 D / W 18 E
/ W 20 D / W20
E, EL DETALLE
OA 101 -
09/1997...,
MERCEDES-BENZ

 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

 FG140 - 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:
888 BCKE;
888CKE,
KOMATSU

 A 835; GD 523 A;
GD 523
R, PC 150 SE,
RETRO-
ESCAVADEIRA PC
150 MODELO 3,
FORD

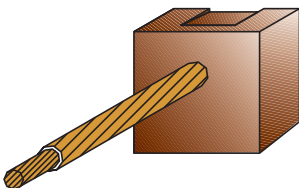
 CARGO WORLD
TRUCK
1618; B 1618; B
1621,
IVECO

 120 E15; 150;
149 E 18; 150 E
20; 150 E
20 T; 150 T; 160 E
21; 160 E
23; 160 E 23 T,
VOLKSWAGEN

 16t - 16.180
CO/16.210 CO;
17t - 17.210
OD/17.2400T,
B 16.180; L 80

RX 911

1 852 898


4-R 911

9000751, 56, 58

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

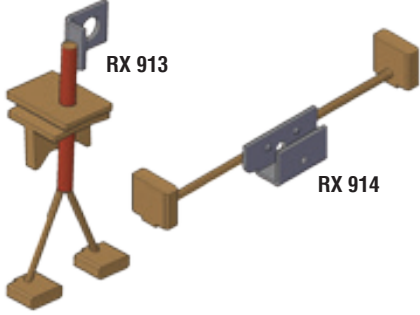
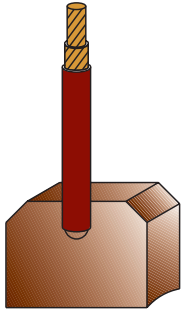
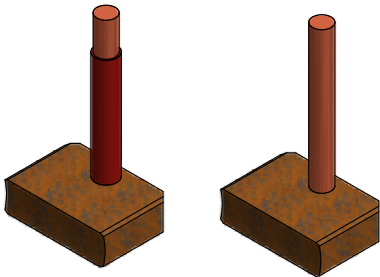
5,5x15x14,5
OPEL UNIT-NOS
DAEWOO ESPERO

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 913-914**YENİ - NEW****1-R 913
1-R 914**1045506,96208781,9627548
SD80F**DAEWOO
OPEL**ASTRA
KADETT
VECTRAGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,6x13x11/12****K 008****4-K 008**19011501
0986018370
39MT**MERCEDES**AXOR
ACTROS
TRAVEGO
CITARO
TOURISMOGerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8x30x22,6****K 010****K 010 A****K 010 B****2-K 010A
2-K 010B**19011512
39MT**BMC**FATİH KAMYON /
TRUCK PRO
822 / 827**CUMMINS**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**9,5x32x22**

Takım Sipariş Kodu / Set Order Code

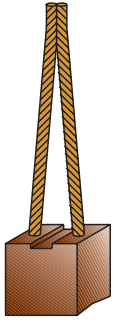
 Özellikler
Properties

Motor Numarası / Unit No.

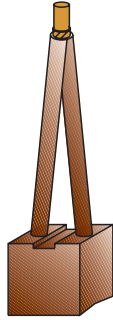
Araç Modeli/Vehicle Model

USX 44-21

75217



US 44



US 21

1-US 44
1-US 21

 Gerilim / Voltage
(Volt)

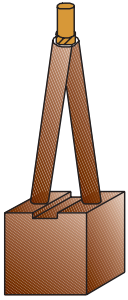
6/12

 Ölçü / Dimension
(mm)

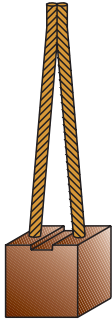
8x15x15

 532000, AB, B, 532001, AB, 532002, ABC, 532004, AB, C, 532005, A
532007, A, 532008, ABC, 532009, AB
532010, AB, 532011, A, 532014, A
532017, A, 532018, A, 532020, A
533000, A, 533001, A, 533002, A

RENAULT
USX 60-59

 75 238
618 491


US 60



US 59

1-US 60
1-US 59

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

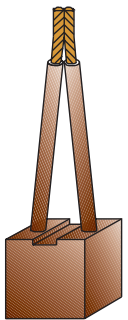
8x15x15

 434B, 5130A
6020ABCD, 23BCDE, 33, 34AB, 35ABCDE
6048, 49A, 50ABC, 73ABCD, 77ABC, 81ABCDEF,
6101AB, 21A, 22AB, 28AB, 29A, 30A, 34ABCDEFGH,
6136ABD, 37ABCDEF, 38ABC, 39AB, 43A, 44AB, 47AB,
6155ABCEG, 57A, 61ABCFH, 62ACE, 70A, 71A,
6172AB, 74ABCDEF, 75AB, 76ABCEG, 81A, 83ABCFG,
6185ABC, 87ABCEF, 89ACDEF, 90AB, 95A, 97A
6202AB, 3ABCD, 6AB, 8A, 12AB, 15ABCD, 16ABC, 17ABCDE,
6219ABC, 20ABC, 21A, 23A, 24BCD, 26A, 27ABCD, 31ABCD,
6236BC, 37ABCD, 38ABCD, 40A-42A, 44A, 45A, 47AB,
532000AB, 1AB, 2ABC, 3AB, 4ABC, 5A, 7A, 8ABC, 9AB,
532010AB, 11A, 14A, 17A, 18A, 20AB,
533000A-4A, 583008, 618070, 71, 73, 74, 77, 78, 91,
618358, 482, 484, 490, 618565, 795

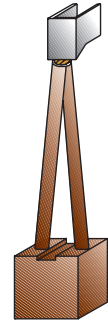
RENAULT
PEUGEOT 403-404

USX 73-85

618 491



US 73



US 85

1-US 73
1-US 85

 Gerilim / Voltage
(Volt)

12

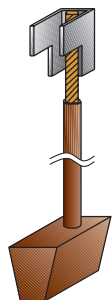
 Ölçü / Dimension
(mm)

8x15x15

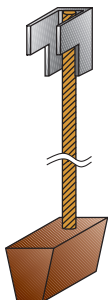
 6020EF, 35F, 77BC, 81EF
6134FGH, 36ABD, 37ABCE, 39BC, 44AB
6155HIKL, 61ABCFH, 62ACE,
6172B, 74ADBCEFGH, 75AB, 76EG
6181A, 83ABCFG, 85ABC, 87CEF, 89DEF,
6190AB, 95A, 97A,
6201ABCD, 2AB, 3ABCD, 6AB, 8AB, 12AB, 15ABCD,
6216ABC, 17ABCDE, 18A, 19ABC, 20ABC, 21A-23A,
6224ABCD, 26A, 27ABCD, 31ABCD, 36BC, 37ABCD,
6238ABCD, 40A-42A, 44A, 45A, 47AB
6627AB
532000AB, 1AB, 2ABC, 3AB, B, 4AB, C, 5A, 7A, 8ABC
532009AB, 10AB, 11A, 14A, 17A, 18A, 20AB,
533000A, 1A, 2A, 3A, 4A
618074, 77, 91
618482, 84

CITROEN
PEUGEOT
RENAULT R5, R12, R14

USX 91-92

 583041
618691
618692


US 91



US 92

1-US 91
1-US 92

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6/11,7x13x15

 6202CDEF, 17FGH, 41B, 46AC
532012AB, 16AB, 21A, 23A, 24AB, 25AB, 26A,
534000A, 2A, 3ABC, 4AB, 5ABC, 7A, 9ABC, 23A, 24A,
29A, 31A,
534032A, 39A, 42AB, 43AB, 44A-49A, 50AB, 51A, 52A,
53C, 54D,
534055E, 57A

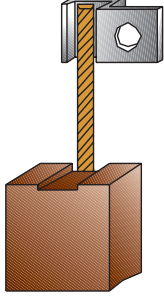
CHRYSLER
CITROEN

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

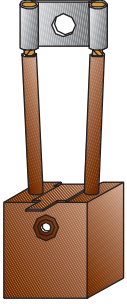
JSX 5748 681 71
805 581**2-JS 5**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x16x17**

4060919 4112049 4117351 4117464 4126193 4287971
4287972 4291804 4474852
63201000 63201001 63201003 63201004 63201005
63201100 63201101 63220107 63220108 63220137
63220138 63220202 63220232 63220400 63220402
63220403 63220408 63220409 63220430 63220432
63220433 63220438 63220439 63220505 63220506
63220535 63220536 63220537 63220538 63220735
63220740 63220741 63220743 63220744 63220746
63220830 63220834 63220931 63220932 63220940
870374
11130134 11130143 11130266 AZD3502 AZD3508

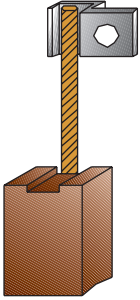
FIAT 600T, 850T
900T, 100T
500D, 600D
126
PANDA
UNO

JSX 6

809 775

**4-JS 6**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**10x20x23**

FIAT

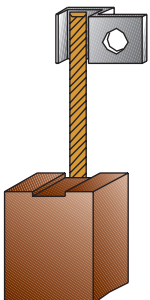
JSX 9853 160
747 026 10**4-JS 9**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**6,5x14x20**

E115-3/24
632 238 00, 02, 07, 30, 32

FIAT 1100, 615
625
TRAKTÖR /
TRACTOR
411, 415

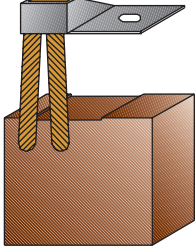
JSX 13

748 747 41

**4-JS 13**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x16x20**

35370812B
4044309 40636136 4064058 4085959 4085977
4145211 4156064 4162784 4162785 4206634 4285916
4293672 4294494 4474746 4474747 4474762 4475025
4475131
63206002 63206003 63222301 63222304 63222331
63222400 63222405 63222408 63222409 63222430
63222435 63222437 63222438 63222439 63222501
63222502 63222531 63222532 63222535 63222536
63222602 63222700 63222701 63222703 63222730
63222731 63222733 63222735 63222736
E100N1512 Z11M21161814 ZF112189

LADA SAMARA
SKODA FAVORIT
VOLKSVAGEN
AUDI

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JSX 15
747 341 01

4-JS 15

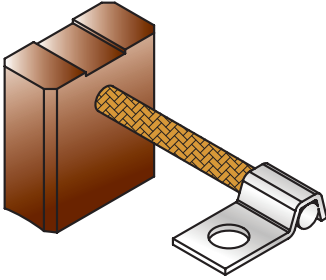
M130-7/24/M130-6/8/24V,1c,2c
M130-9124T
632 243 01-03,98,99
632 253 01,03,91,98
632 263 00,02,91

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

11,5x35x30
FIAT 693, 697
KAMYON / TRUCK

JSX 16
748 617 81

2-JS 16

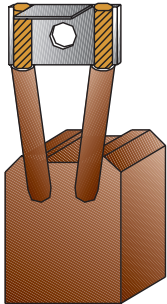
E84-08/12V, Var,1,2,3,6,8
632 207 00-03,05,06,20,21,23,24,30-33,35,
632 207 40,41,43,44,46
632 208 00-04,06,08,30,32,33,34,36
632 209 31,32,40

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x17x19
RENAULT
TOFAŞ MURAT 124
DOĞAN
ŞAHİN
FIAT TEMPRA 1.3
RENAULT 12
SEAT RONDA

JSX 18
748 387 01

4-JS 18

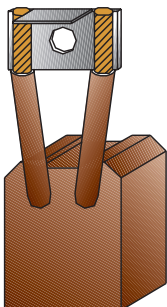
M125-24, M3-Z9
63224580

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x22x28
FIAT TRAKTÖR/TRACTOR
450-480
KAMYON / TRUCK
625 35-50 NC

JSX 19
748 460 01

4-JS 19

M125-3/12
4172113
63224600, 02, 91

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x22x28
FIAT TRAKTÖR/TRACTOR
FH- 220, 250
255, 300DT
400 CR, FH
420, 450, 455
500

Takım Sipariş Kodu / Set Order Code

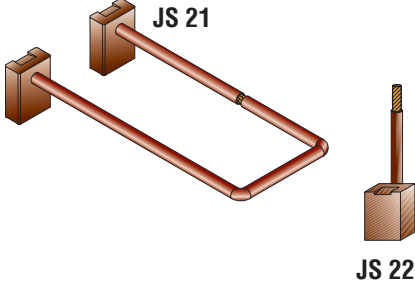
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 21-22

748 811 51
748 809 21



FI 1221

E95-0, 9-12
E95-1, 0-12
632 213 30, 32-35, 38
214 30, 31
215 31, 32, 34, 35, 38
216 33, 37

TOFAŞ

FIAT DOBLO
FORD TAUNUS
SIERRA
CAPRI
TRANSIT

Gerilim / Voltage
(Volt)

12

ANADOL

FORD TUZLA
JEEP

RENAULT
PEUGEOT
BMW

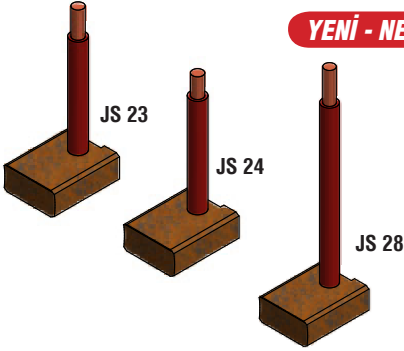
Ölçü / Dimension
(mm)

6x13x17,5

JSX 23-24-28

748 879 01
748 879 11
748 912 60

YENİ - NEW



2-JS 23
1-JS 24
1-JS 28

E100-1,6/12
632 232 35-39
632 233 30-32

FIAT

STRADA
REGATA
UNO

SEAT
LANCIA

Gerilim / Voltage
(Volt)

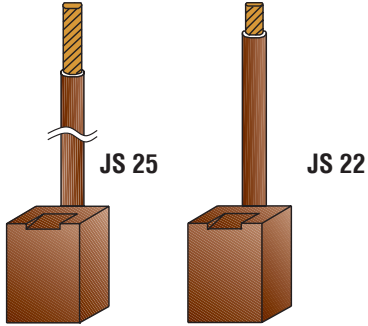
12

Ölçü / Dimension
(mm)

7x15,5x20

JSX 25-22

748 811 51
748 883 61
855 303 00



1-JS 25
3-JS 22

E-95-1/12
632 214 30
215 32, 38

FIAT

BRAVA
RACING
SPIDER 2000
132 BERLINA
NUOVA
REGATA

SEAT

Gerilim / Voltage
(Volt)

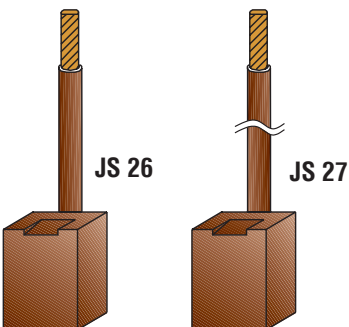
12

Ölçü / Dimension
(mm)

6x13x17,5

JSX 26-27

748 911 01
748 909 61



3-JS 26
1-JS 27

E-95-1, 1/12
632 214 33-36, 38
215 30, 33, 36, 39
216 30, 32, 35, 36, 39
217 31

FIAT

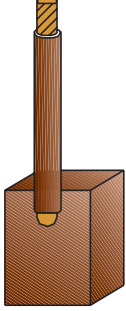
BERLINA D
132
BERLINA
2000, REGATA
1600 ACT
UNO, 903 D

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x13x17,5

Takım Sipariş Kodu / Set Order Code
JSX 29-30
**748 938 51
855 403 51
748 936 31**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
**1-JS 29
1-JS 30**

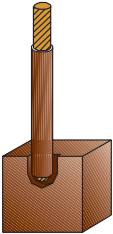
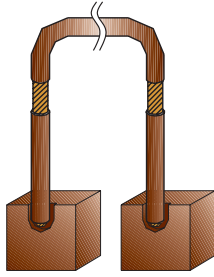
 E95-0, 8/12
E95C-0, 8-12
631 010 03
632 218 30, 32, 34, 90, 92

FIAT PALIO 1.1, 1.2
WEEKEND
PANDA
1100 4x4

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x13x17,5
JSX 31-32
**855 403 41
748 941 21
832 228 01**

JS 31

JS 32
**2-JS 31
1-JS 32**

 E95R-2, 2-12
632 218 31
220 30, 31, 34-36, 38, 39
221 30, 31, 33-36, 38
222 04, 06

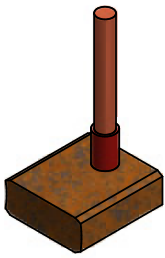
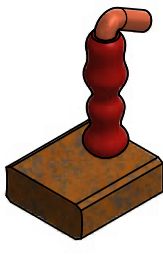
FIAT CROMA
REGATA D
TDI
DUCATO

LANCIA
ALFA ROMEO TD
BMW TD

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x19x18
JSX 33-34
**832 204 61,832 201 31
542 944 44,832 265 57**

JS 33

JS 34
FI 3341

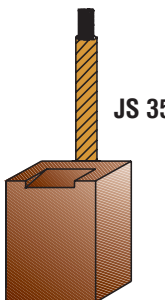
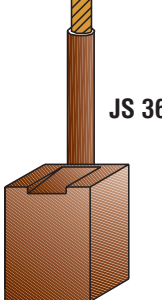
 E70R-1, 4-12
M70R 1,4/1,8-12
631 234 30-33, 35, 36
235 30-33
236 39
934 35
46406973, 46468696, 60813461

IVECO MK
FIAT DOBLO
ALFA ROMEO
**2-JS 33
2-JS 34**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x15x16,7
JSX 35-36
**832 212 41
832 216 51**

JS 35

JS 36
FI 5361

 E80-0, 8-12
E80-1, 0-12
633 228 31-33, 36-38
230 31-34

FIAT E 80 UNO
TIPO
TEMPRA
TOFAŞ DOĞAN
KARTAL
ŞAHİN

**2-JS 35
2-JS 36**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x13x17,5
LANCIA
RENAULT 12

Takım Sipariş Kodu / Set Order Code

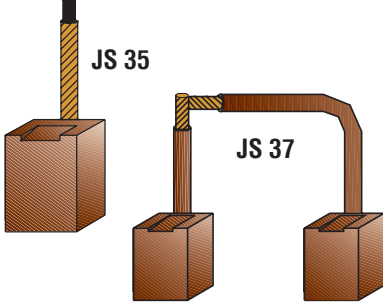
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 35-37

83 221 241
83 220 991
83 223 991



2-JS 35
1-JS 37

E80E-1, 0-12
631 230 31-34

NISSAN PRIMERA 1.6

Gerilim / Voltage
(Volt)

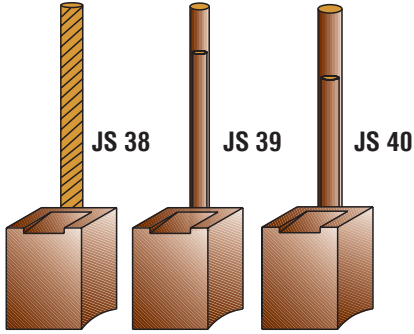
12

Ölçü / Dimension
(mm)

7x13x17,5

JSX 38-39-40

832 244 61
833 25 117



1-JS 38
1-JS 39
1-JS 40

E80E-0, 9-12
631 020 03, 04, 07, 08
632 229 00, 01
230 85
231 01, 03, 08
931 03

FIAT BRAVA
BRAVO
MAREA
PUNTO

Gerilim / Voltage
(Volt)

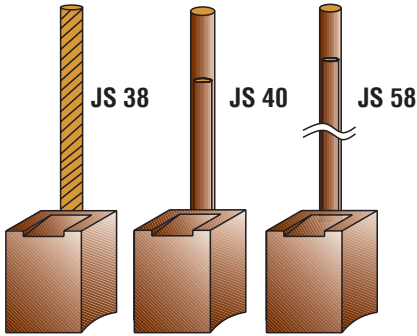
12

Ölçü / Dimension
(mm)

7x13x17,5

JSX 38-40-58

882 253 59
832 257 10



2-JS 38
1-JS 40
1-JS 58

E80E-1, 0-12
631 030 02, 03, 07, 08

FIAT BRAVA
BRAVO
PALIO
PUNTO
REGATA
SIENA
TEMPRA
TIPO, UNO

Gerilim / Voltage
(Volt)

12

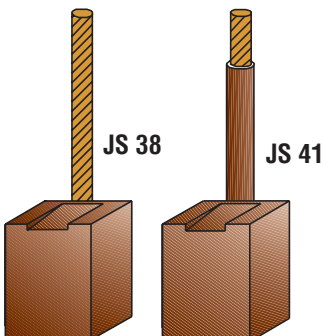
Ölçü / Dimension
(mm)

7x13x17,5

LANCIA

JSX 38-41

832 244 61,832 251 46
832 253 26,832 263 48
832 264 91



1-JS 38
1-JS 41

E80E-0, 8-12
631 010 00, 02
632 010 08
228 89, 97
229 05, 08, 09, 36
231 04, 09
232 00
233 03
931 04

FIAT PUNTO
SLX

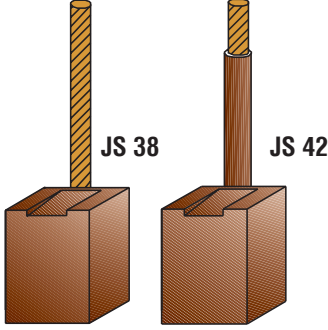
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x17,5

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JSX 38-42

 832 244 81
832 246 21

**1-JS 38
1-JS 42**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

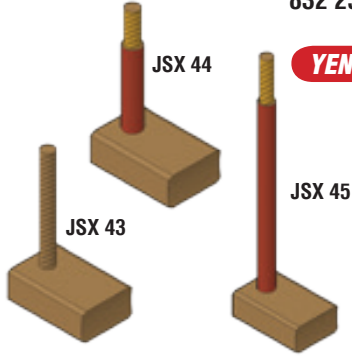
7x13x17,5

E80E Seat

**SEAT
TOFAŞ**

 ŞAHİN
DOĞAN
KARTAL
TEMPRA
TIPO
UNO

FIAT
LANCIA
JSX 43-45-44 (4)

 832 258 22
832 258 23
832 258 24

YENİ - NEW
**2-JS 43 (-)
1-JS 45 (+)
1-JS 44 (+)**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

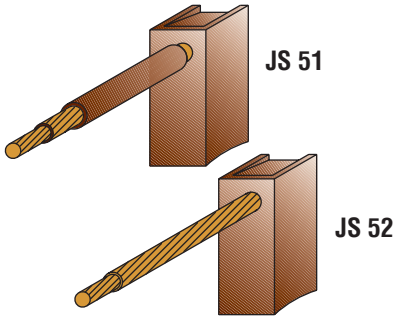
**7x13x19,5
7x13x19,5
7x13x19,5**

 E80E
63223039
63223304
63293039

Replacing : 83225824, 83225823, 83225822
VW

 POLO CLASSIC
CADDY

SEAT
DAIHATSU HIJET
JSX 51-52

 832 273 62
832 273 64

**1-JS 51
1-JS 52**

 Gerilim / Voltage
(Volt)

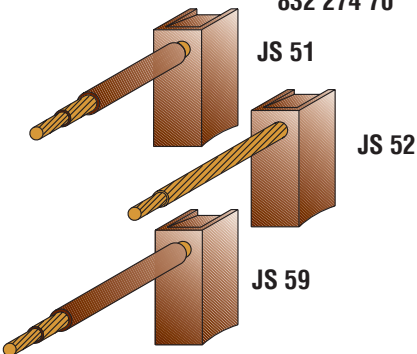
12

 Ölçü / Dimension
(mm)

7x8x19,5

E80F-0, 8-12

FIAT
JSX 51-52-59

 832 273 62
832 273 64
832 274 70

**1-JS 51
1-JS 52
1-JS 59**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x8x19,5

E80F-0, 9-12

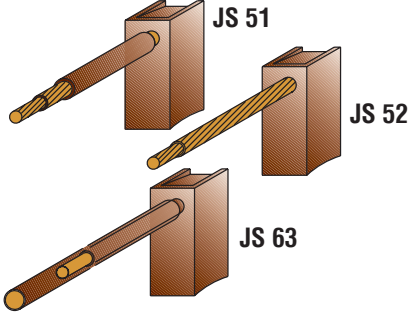
FIAT

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 51-52-63832 273 62
832 273 64
832 276 571-JS 51
2-JS 52
1-JS 63

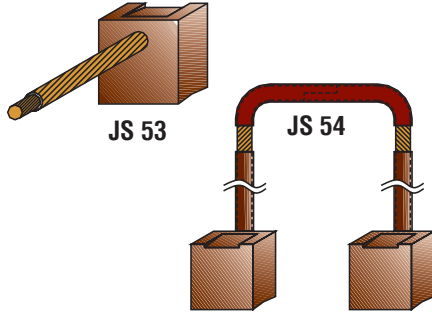
E80F-1, 0-12

FIAT PALIO 1,2
DOBLO 1,2Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x8x19,5

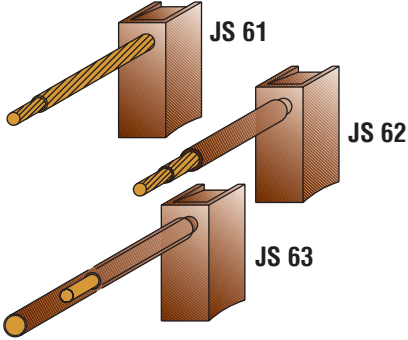
JSX 53-54748 944 41,832 257 10
832 263 36,832 267 10

FI 3541

E95RL-2, 2/2, 6-12
631 140 08, 10, 14FIAT DUCATO
DIESEL2-JS 53
1-JS 54Gerilim / Voltage
(Volt)

12

8x19x20

JSX 61-62-63832 275 84
832 275 83
832 276 572-JS 61
1-JS 62
1-JS 63

D80F-1, 0-12

FIAT

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x8x19,5

Takım Sipariş Kodu / Set Order Code

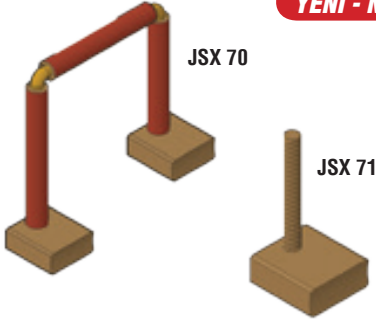
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 70-71

 028531-6870
028531-6880

YENİ - NEW

 1-JS 70
2-JS 71

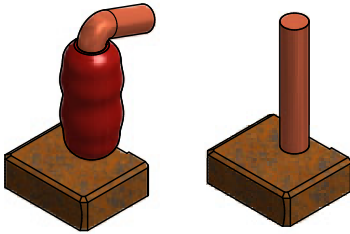
P95 2.3/2.6 kW

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,8x19x20
JSX 72-73

 028 531-7340
028 531-7331


JS 72

JS 73

FI 2731

028510-6410, 6421, 6440, 6490

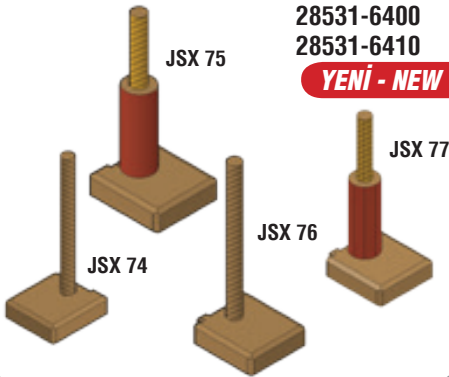
 2-JS 72
2-JS 73

 Gerilim / Voltage
(Volt)

12
7x20x16
BMW 3, 5, 7, X5
CITROEN C5
PEUGEOT 307, 407
TOYOTA AVENSIS
COROLLA
VERSO

JSX 74-75-76-77

 28531-6420
28531-6390
28531-6400
28531-6410

YENİ - NEW

 1-JS 74
1-JS 75
1-JS 76
1-JS 77

P70 1.4 kW

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

**4,5x14x14,3
/ 15,3**
BMW 1-3-5-7 SERİSİ
PSA
TOYOTA AVENSIS
COROLLA
YARIS
PEUGEOT 206
307

Takım Sipariş Kodu / Set Order Code

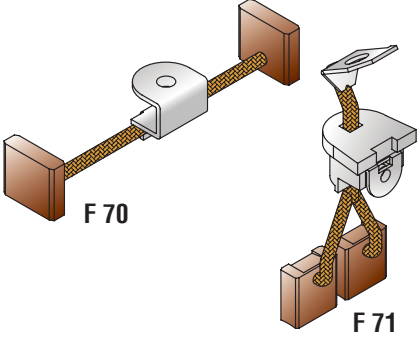
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

FX 70-71

F00U-11056-AA
F00U-11055-AA



FO 0711

E90F-11000-AA,BA
E9SF-11000-AA,BA
F02F-11000-AA
F07U-11000-AA,BA
F0CF-11000-AA,BA
F00U-11000-AA
F13U-11000-AA
F17U-11000-AB
F1VU-11000-AA
PMGR-Starter USA

FORD MONDEO
TRANSIT
ESCORT

1-F 70
1-F 71

Gerilim / Voltage
(Volt)

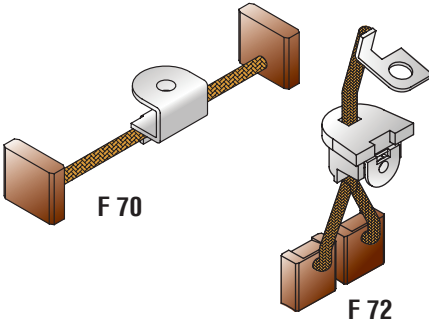
12

Ölçü / Dimension
(mm)

4,5x16x14

FX 70-72

F00U-11056-AA
F3RU-11055-AA



FO 0721

93BB-11000-HB,JB,JC,KA,KB,KC
PMGR-Starter Europe

FORD MONDEO
TRANSIT
ESCORT

1-F 70
1-F 72

Gerilim / Voltage
(Volt)

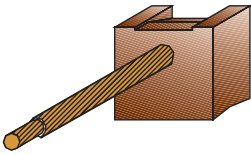
12

Ölçü / Dimension
(mm)

4,5x16x14

FX 73

5 026 806
6 775 699
6 775 703



FO 0731

96BB-11000-AA, AB

FORD CONNECT
FOCUS
FIESTA

4-F 73

Gerilim / Voltage
(Volt)

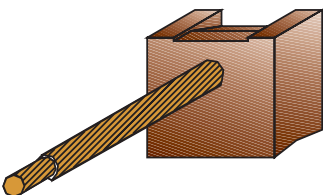
12

Ölçü / Dimension
(mm)

6x13x14

FX 74

F7RU-11434-BA



4-F 74

97BB-11000-BB, BC
97VB-11000-AA, AB
98AB-11000-AC
98VB-11000-BA, B1A, B3A

FORD ESCORT
FIESTA
FOCUS, MONDEO
1.6 DTCI, 1.8D
MAZDA B 2500
MOTOCRAFT

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8,2x18,9x18,2

Takım Sipariş Kodu / Set Order Code

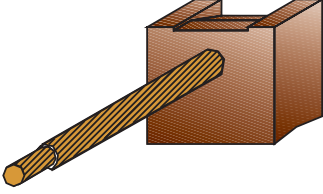
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

FX 75

F7 RU-11056-CA



FO 0751

97VB-11000

FORD TRANSIT
MOTOCRAFT
V.184

4-F 75

Gerilim / Voltage
(Volt)

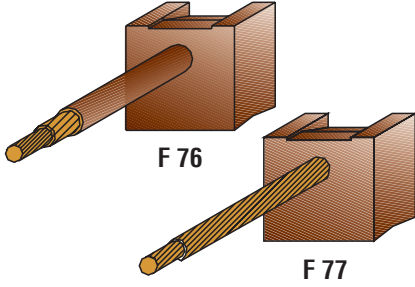
12

Ölçü / Dimension
(mm)

8,2x18,9x17,8

FX 76-77

1C3U-11434-AA

2-F 76 (+)
2-F 77 (-)

1C3U-11000-AA, -AB, -AE

FORD FOCUS,
CONNECT
MONDEO
FIESTA 1.6 DTClGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8,2x18,9x18,2

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

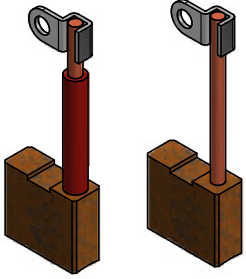
Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 15-6 (4)

2108-2305
4305
6305
2108-2306
4306
6306

YENİ - NEW



JAS 15

JAS 6

2-JAS 15
2-JAS 6

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

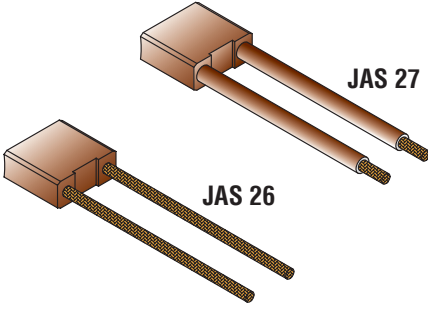
6x16x14

2108-2305, 2306
9-8211-16310, 16320
23379-09900
23380-10600
S108-56
S114-91
S114-150, 156A

DAIHATSU
ISUZU
NISSAN SUNNY
DATSUN VANETTE

JASX 26-27

2280-1313
2280-1312



JAS 26

JAS 27

2-JAS 26
2-JAS 27

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x16x14

2108-2305
2108-2306
9-8211-16310
9-8211-16320
23379-09900
23380-10600

DAIHATSU
ISUZU
NISSAN

JASX 31

2250-1322



YENİ - NEW

4-JAS 31

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x20x26

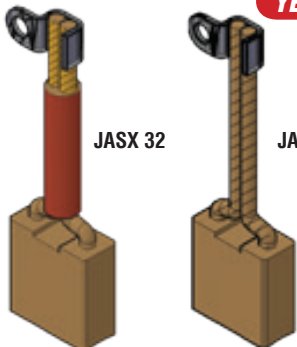
9-8211-1603-0
9-8211-5114-0
1-2174-0030-0
23331-90001
23331-90004
23379-61502

ISUZU
NISSAN

JASX 32-33

2114-2313
2114-6312

YENİ - NEW



JASX 32

JASX 33

1-JAS 32
1-JAS 33

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

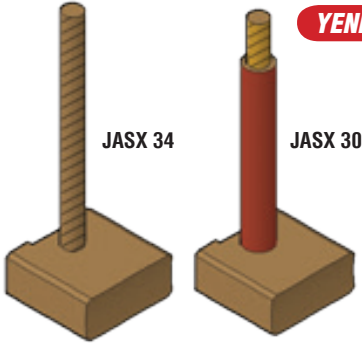
7x16x16,5

9-8211-16440, 16450
23379-19900
23380-19900
S114-87M

ISUZU
NISSAN SUNNY
DATSUN VANETTE

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 34-30

 2130-6312
2130-9311

YENİ - NEW

**2-JAS 34
2-JAS 30**

 8-94028-460-0, 464-0
8-94228-440-0, 444-0, 464-0
23379-V0700
23380-V0700
S13-49A

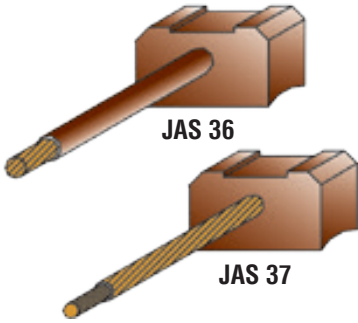
**ISUZU
NISSAN** BLUEBIRD

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x19x18
JASX 36-37

 2130-5312
2130-8311

HI 6371

 1-81116-023-0
5-81116-024-0
8-97030-389-0

**ISUZU
NISSAN**
**2-JAS 36
2-JAS 37**

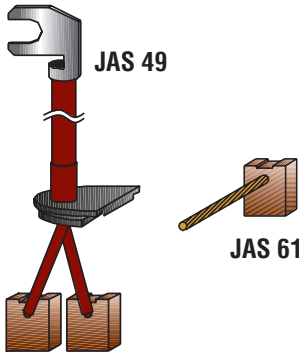
 23379-J 5500
23380-5500
23331-Z 9002
23331-Z 9003
28331-Z 9000
28331-Z 9001

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x25x18
JASX 49-61

 2114-63125
2114-43125

**1-JAS 49
2-JAS 61**

 S114680, 750, 752, 753, 753B, 754A, 758, 762, 762A, 765,
766, 766A, 767, 769, 775, 775A, 780, 800, 800A,
800B, 801A, 01B, 801C, 802, 802A, 804, 805,
806, 808, 808A, 808B, 818A, 827, 829, 850, 870,
872
23380-1E400
23379-1P100

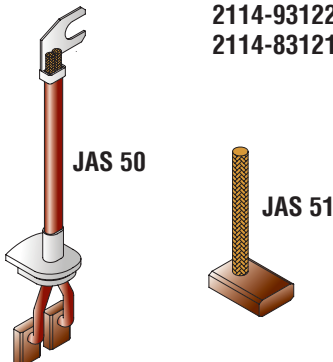
NISSAN

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x14x17
JASX 50-51

 2114-23124/63121
2114-73122/83122
2114-93122
2114-83121

**1-JAS 50
2-JAS 51**

 B101-18X-72/-18X-66
23379-53J00/23380-53J00
23379-M8001/23380-12G01
23379-M8001/23380-42L60
23379-M8001/23380-57M60
23379-M8001/23380-77A01
23379-M8001/23380-M8001
23387-KA000
23388-KA000
49206-6401/-6501
49207-6401

**MAZDA
NISSAN
VW** GOLF
PASSAT 1.6
SANTANA

SUBARU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x11x16

Takım Sipariş Kodu / Set Order Code

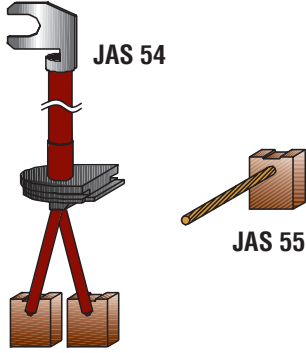
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 54-55

2114-63126
2114-53126



HI 4551

1-JAS 54
2-JAS 55

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

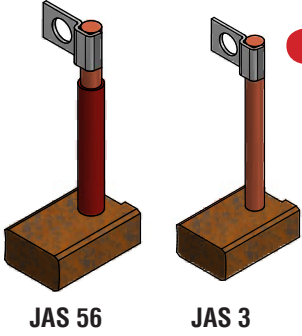
4,5x14x15

S114680, 750, 752, 753, 753B, 754A, 758, 762, 762A, 765, 766, 766A, 767, 769, 775, 775A, 780, 800, 800A, 800B, 801A, 01B, 801C, 802, 802A, 804, 805, 806, 808, 808A, 808B, 818A, 827, 829, 850, 870, 872
23380-0M300
23379-0M300
09A-911-023, 09A-911- 023X
2912762340, 8912762340, 8943647220, 8943647221, 8971239230
23300-1E400, 23300- 1E400R, 23300- 65Y01, 23300-65Y01R, 23300-70Y00, 23300- 70Y01, 23300-70Y01R, 23300-81N00, 23300- 81N01, 23300-81N11, 23300-97E00, 23300-97E01, 23300-AM600, 23300-AM60A, 23300-CG000, 23300-CG00A

ARAÇ MODELİ / VEHICLE MODEL
AUDI,
VOLKSWAGEN
ISUZU
NISSAN, INFINITI

JASX 56-3

2120-1311,1312
2120-4311,5312
2120-7311



YENİ - NEW

2-JAS 56
2-JAS 3

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

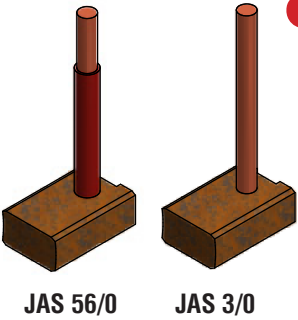
8x14,5x22

S12-23, 24A, 32, 34, 47
9-8211-16510, 16520, 16460, 16470
23379-37500, 37502, 37503, 65000
23380-37500, 37502, 37503, 65000

ISUZU
NISSAN
YANMAR
MARINE
VOLVO PENTA
THERMOKING

JASX 56-3/0

2120-7312
2120-9311



YENİ - NEW

2-JAS 56/0
2-JAS 3/0

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x14,5x22

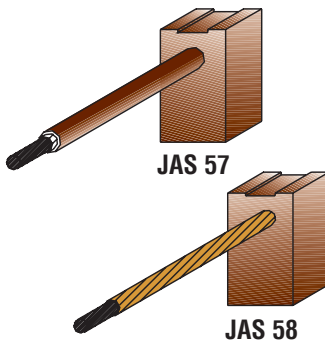
23379-G7000
23380-G7000
23300-31W02
S12-19C, 41A, 59
S12-63, 68

Replacing : 2120-9311, 2120-7312/9311, 2120-7312
Servicing : S12-19C, S12-41A, S12-59, S12-63, S12-63A, S12-63B, S12-63C, S12-68, S12-68B, S12-68D, S12-77A, S12-78, S12-79, S12-82

NISSAN URVAN
THERMOKING
TOYOTA STARLET
COROLLA
CELICA

JASX 57-58

2114-4313
2114 -8312



2-JAS 57
2-JAS 58

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

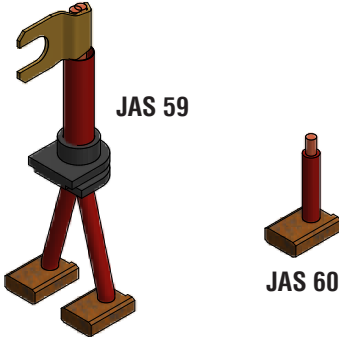
7x11x18

2330048301
S10863
S114132, 146, 160E, 172D, 172E, 182G, 184, 202, 202A, 210, 247, 247C, 316, 317A, 320, 345B, 348A, 377, 378A, 390A, 441, 441A, 441B, 460B, 461, 461A, 461B, 464B, 465B, 465C, 554

31246-568-005
31217-568-005
9-8211-1657-0/1658-0
23379-16E01/21000
23380-16E01/21000
9402-1408/1409

DAIHATSU
HONDA
ISUZU
NISSAN
SUBARU

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 59-60

 2114-73123
2114-83123

**1-JAS 59
2-JAS 60**

 23380-53J00,23379-53J00
23387-KA000,23388-KA000
Hitachi-Starter S114-556A,-558
23300-53J00
23300-KA270

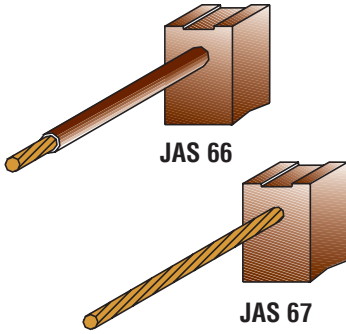
**NISSAN
SUBARU**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x11x16
JASX 66-67

 2114-3315/5312
2114-6313/8313

**2-JAS 66
2-JAS 67**

 S114118, 55, 60, A, D, 61, B, 62C, D, 63, F, 64, 70, E, 73, F, 80,
G, 82, 94
S114206, 18A, 29E, F, 30, 32, A, 35, A, 37, 44, 71, 95
S114303, 15, 17, B, 18, A, 20A, 45, A, 53, 62, 70, 76B, 78, 85, 87,
90, 91, A, 96
S114413, A, 14A, 19, 25
S114603, 04, 30, 51
31215-634-0050/31216-634-0050
31215-679-0050/31216-679-0050
8-94208-294-0/8-94208-300-0
5-81116-008-0/5-81116-009-0
23379-80W00
23379-M0100/-M0102
23380-56A00
23380-M0100/-M0101
21070-53908/-54008
24370-54008
49206-1001/49207-1001
49206-5501/49207-5501

**HONDA
ISUZU
NISSAN
SUBARU**

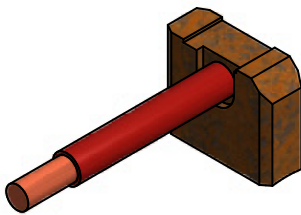
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x11x16
JASX 74

2130-23112


4-JAS 74

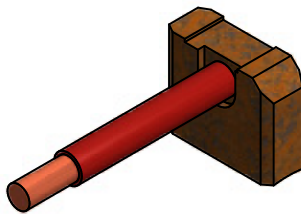
 2330010T02
S13102, 02A, 04, 05, 06, 06A, 06B, 06C, 06E, 07, 07A,
11, 12, 14, 14A, 27, 27A, 27C, 31, 37A,
S13282
S13302, 02A, 21, 29
S1362B, 4, 6A, S1381,3, 9B, 1, 1A, 2A
S1403
S14203, 10, A
S2407, 412
S25163G, 25171
S25501A, B
8-94136-900-0
23 380-10G00
23 379-10G00

BMC LEVENT 2500-3000
DIESEL
**NISSAN
ISUZU**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x19x15,8
JASX 74 H

4-JAS 74 H

 HITACHI, S25-163A
ISUZU 8970324640
0324642
0655260
0958112

ISUZU ŞAMPİYON
NPR, NKR
NQR, NKR
WIDE
ISUZU OTOBÜS / BUS

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

7x19x15,8

Takım Sipariş Kodu / Set Order Code

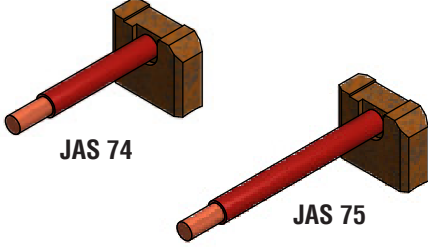
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 74-75

2130-1311
2130-7312
2240-1311/1312



JAS 74

JAS 75

HI 4751

2330010T02
S13102, 02A, 04, 05, 06, 06A, 06B, 06C, 06E, 07, 07A, 11, 12, 14,
14A, 27, 27A, 27C, 31, 37A

2-JAS 74
2-JAS 75

S13282
S13302, 02A, 21, 29
S1362B, 4, 6A, 81, 83, 89B, 91, 91A, 92A
S1403

Gerilim / Voltage
(Volt)

S14203, 10, 10A
S2407, 12
S25163G, 71, 501A, 501B
23379-W2500/23380-W2500

12

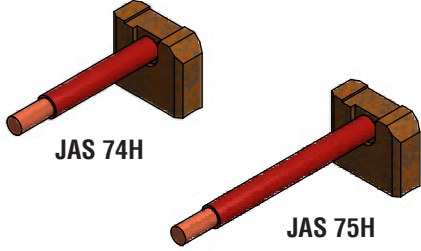
Ölçü / Dimension
(mm)

2331-T9000/T9001
5-81118-021-0
8-94136-900-0, 8-94152-930-0/-970-0/-973-0
8-94242-061-0/8-94242-065-0, 8-94478-862-0, 894152970/-973
23379-54A00, 23380-10G00, 23380-54T00, 23380-W2500
740 D, 760 D

7x19x15,8

DAIHATSU
ISUZU
MAZDA
NISSAN
VOLVO

JASX 74-75 H



JAS 74H

JAS 75H

HI 4752

HITACHI, S25-163A
ISUZU 8970324640
0324642
0655260
0958112

2-JAS 74 H
2-JAS 75 H

Gerilim / Voltage
(Volt)

24

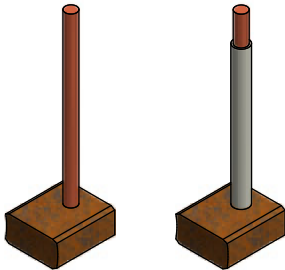
Ölçü / Dimension
(mm)

7x19x15,8

ISUZU ŞAMPİYON
NPR, NKR
NQR, NKR
WIDE
ISUZU OTOBÜS / BUS

JASX 80-81

2114-59002
2114-69002



JAS 80

JAS 81

HI 0811

S114253B, 54D, 57, 90, 90A, 90B, 96, 96A
S114322, 22A, 38A, 44, 57, 57A, 57B, 57C, 67, 74B, 93
S114403B, 29A, 40, 42A, 42B, 51A, 53, 58, 59, 71, 71A, 72,
72A, 73, 75A, 76, 80, 80A, 81, 81A, 83, 85, 86

2-JAS 80
2-JAS 81

8-94208-440-0
8-94208-444-0
8-94228-440-0
8-94228-444-0
23379-M4900
23380-M4900
5114-480

Gerilim / Voltage
(Volt)

12

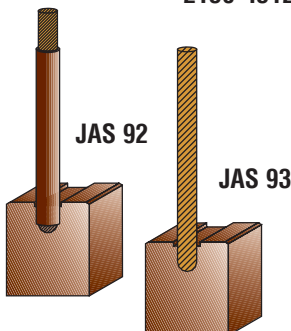
Ölçü / Dimension
(mm)

7x14x16

NISSAN
DATSUN
ISUZU

JASX 92-93

2130-1312/2312
2130-3311/4311
2130-4312/7311



JAS 92

JAS 93

2-JAS 92
2-JAS 93

5-81116-015-0
5-81116-016-0
5-81116-048-0
5-81116-049-0
8-94137-714-0
8-94137-716-0
9-8211-1551-0
9-8211-4151-0
9-8211-4152-0
23379-J2000
23380-J2000
23379-61503
23380-61501

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x19,5x22

ISUZU
NISSAN

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

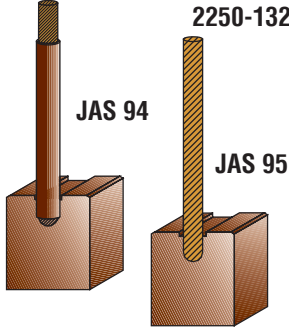
JASX 94-95

2250-2323

2120-2601

2130-1310

2250-1324/-4322

2-JAS 94
2-JAS 95Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9x19,5x19,5

S1224A, S1328, S1373, S25120, S25120A, S25121A,
S25131, S25131A, S25155, S25155C, S25155D, S2564E

1-81116-017-0/-018-0

5-81116-017-0/-018-0

5-81119-001-0

5-81119-015-0

5-81119-016-0

9-82111-551-0

23379-61503

23380-61501

23331-Z9000

23331-Z9001

28142-1020A

28142-1010A

ISUZU MARINE
NISSAN
HINO KIRKAYAK

Takım Sipariş Kodu / Set Order Code

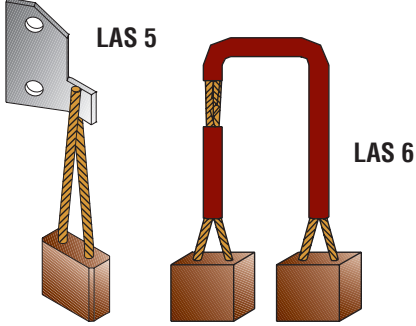
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 5-6

251 108
(TAB128)



2-LAS 5
1-LAS 6

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

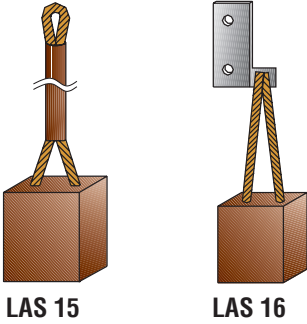
6,35x15,9x14,2

25022, 25038, 25038B, 25038E, 25038E/H, 25038H, 25059, 25059A/F, 25079, 25079A/J, 25079H, 25079J, 25083, 25083A/H, 25085, 25085A/B, 25088, 25088A/J, 25105, 25105A/B, 25105X, 25112, 25112A/B, 25112A/F, 25118, 25118A, 25118B, 25118C, 25118D, 25118E, 25118F, 25118G, 25118H, 25118I, 25118J, 25128, 25128A/B, 25129, 25129A, 25129B, 25130A/B, 25132, 25132A, 25138, 25138A/J, 25140, 25140A/E, 25142, 25142A/H, 25143, 25143A/E, 25144, 25144A/B, 25151, 25151A, 25152A, 25154, 25154A/F, 25155, 25155A/H, 25181, 25181A, 25202, 25202A, 25203, 25203A/D, 25203A/E, 25208, 25208A/E, 25519

COMMER
ANADOL

LASX 15-16

271 735
(TAB125)



LU 5161

2-LAS 15
2-LAS 16

Gerilim / Voltage
(Volt)

12

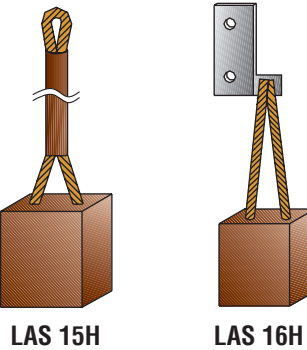
Ölçü / Dimension
(mm)

7,9x19,05x22,2

M45G, M113
26147, 48, 51, 53, 54, 63, 66, 78, 89, 92, 93, 96, 98
26200, 1, 8, 15, 19, 20, 33, 36, 38, 48, 55, 56, 59, 64,
66-71, 75, 78-81, 83, 85-88
26300-2, 6, 10, 20, 21, 46-48, 64, 70-73, 75, 81,
83, 85, 90, 91, 94, 96
26400, 12, 13, 22
27403, 5, 6, 9-14, 16-28, 31-33, 35, 36, 38-40, 43,
46, 47, 49, 52, 57-59, 63, 65, 68-70
TM 30

BMC
ROVER OFF-ROAD
DEFENDER 2.5 d
LAND ROVER 2.25 d

LASX 15-16 H



LU 5362

2-LAS 15 H
2-LAS 16 H

Gerilim / Voltage
(Volt)

24

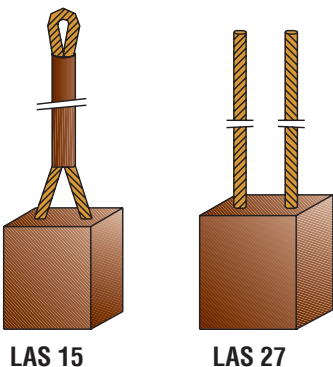
Ölçü / Dimension
(mm)

7,9x19,05x22,2

LUCAS STARTER

LASX 15-27

271 735 (TAB 120)



2-LAS 15
2-LAS 27

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7,9x19,05x22,2

25585, 25586, 25586A, 26072, 26132, 26132A/F
26132H, 26132H/R, 26132J/R, 26133, 26133A/J, 26133K/R
26143, 26143A, 26143A/H, 26143B, 26143J/Q, 26145
26145A/F, 26145H/N, 26146, 26146A/F, 26146H/N, 26147

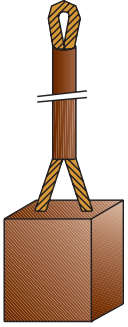
MASSEY FERGUSON
FORD
LEYLAND

Takım Sipariş Kodu / Set Order Code

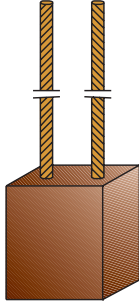
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 15-27 H


LAS 15H



LAS 27H

 2-LAS 15 H
2-LAS 27 H

 Gerilim / Voltage
(Volt)

24

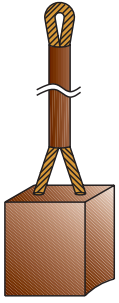
 Ölçü / Dimension
(mm)

7,9x19,05x22,2

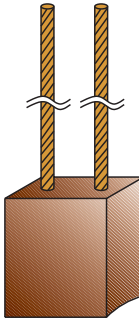
LUCAS STARTER

LASX 30-31-32

542 569 07 (TAB 106)



LAS 30-31



LAS 32

 1-LAS 30
1-LAS 31
2-LAS 32

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

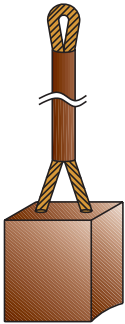
7,9x19,5x22,2

25585, 25586, 26209

 FORD TRACTOR 2000
2600, 3000, 3600

LASX 31

542 585 92 (TAB119)



4-LAS 31

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

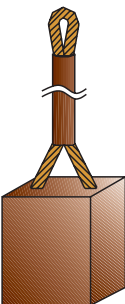
7,9x19,05x22,2

 M50
26211, A, A/L, L, M/T, N, N/R, R/T, T, 1U, 26291A/D, E
26304A, 26338, A, A/F, B, D, F, 26339, A, A/K, B, D, D/H,
F, 26395, A, A/H, B, D, D/E, E, F, 27500, A, A/J, 27561B,
27569

 FORD TRACTOR 2000
3000, 7600
7610, 7700, 7710

LASX 36

542 595 17 (TAB118)



LU 0361

4-LAS 36

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x20x26

 M50, M127
26227, 34, 46, 65, 73, 74, 82, 84, 90, 94, 95, 97, 98
26304, 5, 12, 16, 17, 23, 29, 36, 37, 41-45, 49, 51, 52, 55,
57-61, 63, 65, 66, 69, 74, 76, 78, 79, 84, 86, 88, 89,
93, 98
26402-4, 7-11, 14, 16, 20, 21, 23, 27-31, 33-37
27304
27500-9, 11-16, 18-28, 31-34, 36-41, 43, 45-47,
50-54, 56-59, 63-65

 FORD 750-1210
OTOSAN
BMC 100,135,140
LEYLAND 140, 1340
CHRYSLER GENOTO
BEDFORD
CARGO
HEMA
M.FERGUSON

Takım Sipariş Kodu / Set Order Code

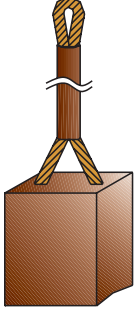
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 36 H

54 244 848



4 LAS 36 H

Gerilim / Voltage
(Volt)

24

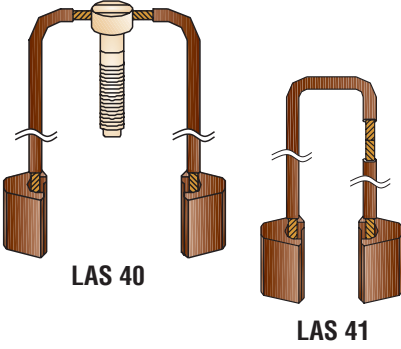
Ölçü / Dimension
(mm)

9x20x24,5

LUCAS STARTER

LASX 40-41

542 448 48 (TAB117)



LAS 40

LAS 41

1-LAS 40
1-LAS 41Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

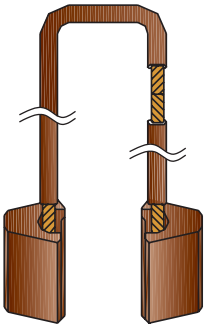
9/3,5x11,6x15,9

M35J, K
25137, 45-50, 56, 57, 59, 65-68, 78, 80, 82-87, 90, 91
25204-7, 9, 10, 13-16, 19, 23, 34, 38, 39, 41, 42, 46, 49, 50,
53, 55, 59, 62, 64-66, 68-74, 76-84, 87-92, 94, 98, 99
25311, 27, 29, 30, 42, 43, 45-48, 68, 73
25400
60925019, 2

FORD TRANSIT

ANADOL
BMC
AUSTIN
PEYKAN**LASX 41**

542 652 16



2-LAS 41

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

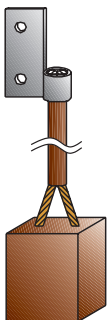
9/3,5x11,6x15,9

M35J, K
25137, 45-50, 56, 57, 59, 65-68, 78, 80, 82-87, 90, 91
25204-7, 9, 10, 13-16, 19, 23, 34, 38, 39, 41, 42, 46, 49, 50,
53, 55, 59, 62, 64-66, 68-74, 76-84, 87-92, 94,
98, 99
25311, 27, 29, 30, 42, 43, 45-48, 68, 73
25400
60925019, 2

FORD TRANSIT

ANADOL
BMC
AUSTIN**LASX 42**

542 449 79



4-LAS 42

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x20x26

M50, M127

MASSEY FERGUSON

Takım Sipariş Kodu / Set Order Code

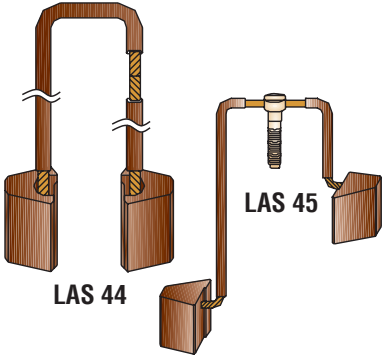
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LASX 44-45

60600196 (TAB 116)


 1-LAS 44
1-LAS 45

 25631,59,68,70,77-83,94,97
25700,1,45
M 100

 LAND ROVER
COMMER
AUSTIN

 Gerilim / Voltage
(Volt)

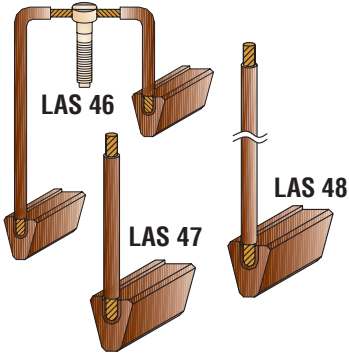
12

 Ölçü / Dimension
(mm)

10,3/4,7x13,3x17,5

LASX 46-47-48

606 002 05 (TAB114)


 1-LAS 46
1-LAS 47
1-LAS 48

 25696
M 100

LANDROVER

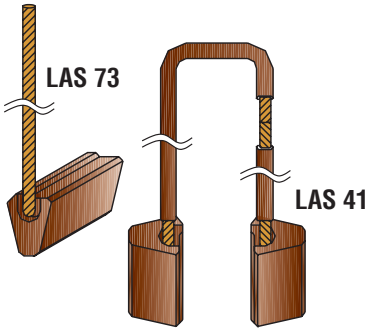
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

10,3/4,7x13,3x17,5

LASX 73-41

 606 007 67 (TAB 103)
993 730 3

 1-LAS 41
2-LAS 73

 25326, 31-33, 35-40, 44, 49-51, 54-57, 59-62, 65, 66,
69-72, 74-80, 82-85, 87-89, 97, 98
25404, 5, 10, 11
M 90

FIAT

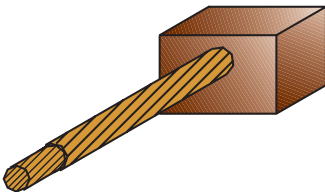
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9/3,5x11,6x15,9

LASX 75

 606 009 36
606 009 46
606 009 44


4-LAS 75

 26701, 26701A, 26701J, 26702E/K, 26707, 26707A
26707A/L, 26713, 26713A, 26713A/D, 26713D, 26715
26715B, 26716, 26716B

ROVER

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

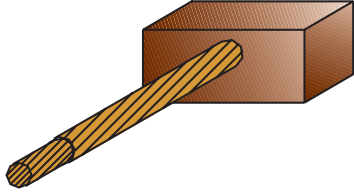
6,8x13,8x9,4

Takım Sipariş Kodu / Set Order Code

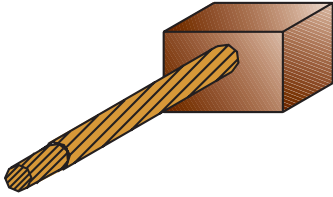
Özellikler
Properties

Motor Numarası / Unit No.

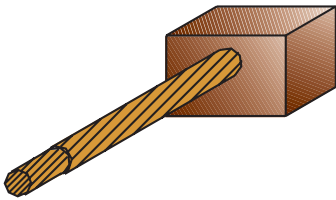
Araç Modeli/Vehicle Model

LASX 76606 009 20
606 009 19**4-LAS 76**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,8x19,8x9,4**26903, B/D, 26905, A/D, 26907, B
26908, A/B, 26909, B/D, 26911, B/D
26912, E, 26913, A, 26914, A/F
26917, A, 26918, D, 26920, A/E
26922, B, 26923, A/D, 26924, B
26927, A, 26928, A, 26929, A/B
26930, A, 26931, A/B, 26932, A
26935, B, 26936, B**FORD****LASX 86-79-80**

606 009 53 (TAB 136)

**2-LAS 86/0
1-LAS 79
1-LAS 80**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x13,7x12**26604, 26604E/J, 26606, 26606E/H, 26607, 26607E/J
26631, 26631A/D, 26633, 26633A/B, 26645E, 26646
26646B/D, 26647, 26647A/E, 26659, 26659B/D, 26660
26660B/D, 26662, 26662A, 26663, 26663A, 26667
26667B, 26690, 26693, 26694, 26814D**VOLKSWAGEN****LASX 87-77-78**

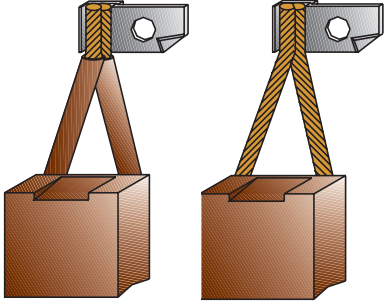
606 009 11 (TAB131)

**2-LAS 87/0
1-LAS 77
1-LAS 78**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x13,7x12**

26614, 26614B/D, 26619, 26619A/D, 26622, 26622A/D

ROVER

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
MASX 13-14

 723 632 01,099 277 91
 723 632 02,099 277 92

MAS 13
MAS 14
**2-MAS 13
2-MAS 14**

 Gerilim / Voltage
(Volt)

24

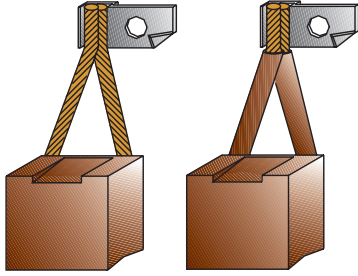
 Ölçü / Dimension
(mm)

8x25x23

 MT67A, AA, AB, AC, B, BA, C, CA, D, DA, DB, F, FA, FB, G, H, L
 632 167 01-04, 06-08, 10, 25-27, 33, 38, 40, 47, 48, 63

FIAT MARELLI

MASX 15-16

 723 632 03, 04
 992 908 0
 992 844 8

MAS 15
MAS 16
**2-MAS 15
2-MAS 16**

 Gerilim / Voltage
(Volt)

12

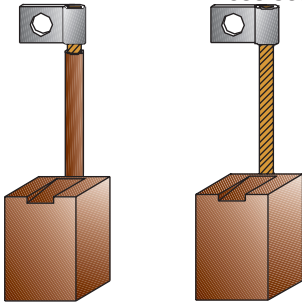
 Ölçü / Dimension
(mm)

10x25x23

 MT68AA, AB, B, BA, H, LA, LB, M, MA, MB, P, PA, Q, QA, R
 632 168 02, 8, 11, 14, 15, 16, 25, 26, 27, 33,
 51, 59, 73, 74, 76, 98

RENAULT COMMERCIAL

MASX 17-18

 723 837 01, 02
 099 565 56
 099 565 52

MAS 17
MAS 18
**2-MAS 17
2-MAS 18**

 Gerilim / Voltage
(Volt)

12

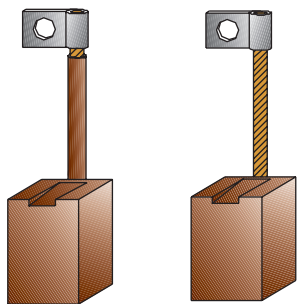
 Ölçü / Dimension
(mm)

9x16x23

 MT71A, D, E, FA, H, L, LA, N, R, S, T, U, V, Z
 632 171 01, 04-08, 10, 12, 16-21, 25, 38, 47, 73, 82
 632 174 01-04

FORD TRANSIT
DAILY

MASX 19-20

 723 837 03/05
 723 837 04/06

MAS 19
MAS 20
**2-MAS 19
2-MAS 20**

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

9x16x23

 MT72AB
 632 172 25

FIAT KAMYON/TRUCK

Takım Sipariş Kodu / Set Order Code

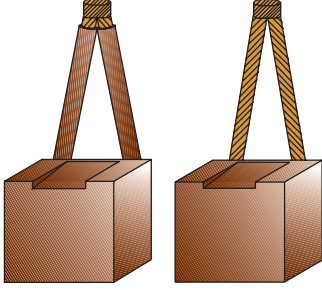
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MASX 21-22

721 650 01
721 659 01



MAS 21

MAS 22

MA 1221

MT 67 AD, CB
632 167 31, 41

2-MAS 21
2-MAS 22

Gerilim / Voltage
(Volt)

24

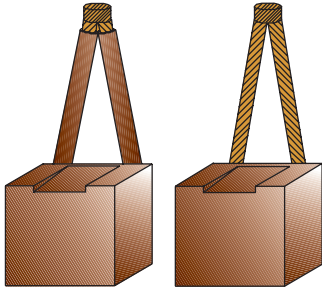
Ölçü / Dimension
(mm)

8x25x23

IVECO EUROCARGO,
FIAT ALLIS
MK
ZETA

MASX 23-24

721 647 01
721 658 01



MAS 23

MAS 24

MA 3241

MT 68 AD, LC, MC, PA, PB, RA, S, T
632 168 17, 18, 31, 52, 61, 84, 96

2-MAS 23
2-MAS 24

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

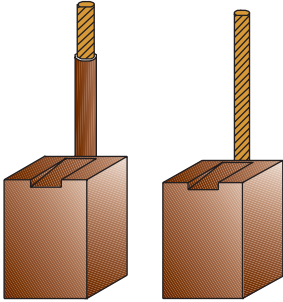
10x25x23

CHRYSLER DODGE
DESOTO
FARGO
FIAT TRAKTÖR /
TRACTOR
FORD CARGO
GENOTO
BEDFORD

JOHN DEERE
LOMBARDINI
M. FERGUSON

MASX 25-26

721 641 01
721 660 01



MAS 25

MAS 26

MA 5261

MT 71 AB, DB, FB, GB, HB, RB, SB, LA, TA, UA, VA
MT 74 AA, BA, DA
632 171 26, 48, 54, 56, 58, 63, 80, 86, 88, 97
632 174 07, 08, 10, 25, 33, 47

2-MAS 25
2-MAS 26

Gerilim / Voltage
(Volt)

12

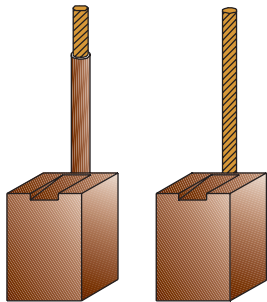
Ölçü / Dimension
(mm)

9x16x23

BMC
LEYLAND
FIAT ALLIS
TRAKTÖR/TRACTOR
FORD TRANSIT
GENOTO BEDFORD
OTOKAR DEUTZ, TOE
STEYA
UZEL
M. FERGUSON

MASX 27-28

721 641 02
721 657 01



MAS 27

MAS 28

MA 7281

MT 72 AB
632 172 26

2-MAS 27
2-MAS 28

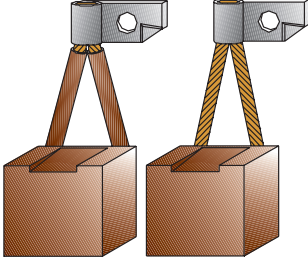
Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

9x16x23

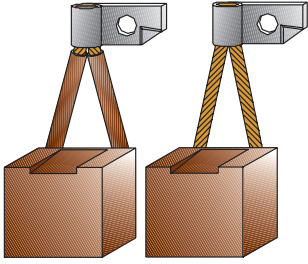
ISUZU
FIAT
OTOYOL
IVECO

Takım Sipariş Kodu / Set Order Code
MASX 29
**72363203
72363204**

MAS 29 B
MAS 29 A
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
**2-MAS 29A
2-MAS 29B**

4702248, 4737755
63216802, 08, 11, 14,15, 16, 25, 26, 27, 33
51, 59, 73, 74, 76, 98
MT68AA, AB, AC, AD, B, BA, H, LA, LB, LC, M, MA
MB, P, PA, Q, QA, R, RA

**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
10x25x23

**ISUZU
BMC
LEYLAND
CHRYSLER
DODGE
FARGO
FIAT TRAKTÖR/TRACTOR
FORD TRANSIT, CARGO
JOHN DEERE
OTOKAR
IVECO
M. FERGUSON**

MASX29 H

MAS 29H B
MAS 29H A
**2-MAS 29HA
2-MAS 29HB**
**Gerilim / Voltage
(Volt)**
24
**Ölçü / Dimension
(mm)**
10x25x23

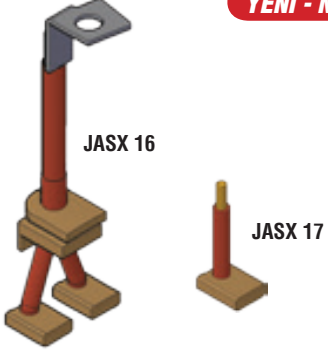
**ISUZU
BMC
LEYLAND
CHRYSLER
DODGE
FARGO
FIAT TRAKTÖR/ TRACTOR
FORD TRANSIT, CARGO
JOHN DEERE
OTOKAR
IVECO
M. FERGUSON**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 16-17**YENİ - NEW****1-JAS 16**
2-JAS 17MOT84881
MOT85381
36100-38090
M60081
M60082**HYUNDAI** SANTA FE
SONATA
KIA OPTIMA
SORENTOGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,5x12x15,5**

Takım Sipariş Kodu / Set Order Code

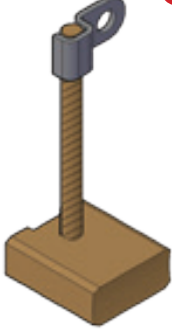
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 23

M648D10471

YENİ - NEW

4-JAS 23

 0135 18 444A,445A
MD602593,594
SM302-02, 07, 08, 18
31200-PC6-663, PD2-663, PEO-664, PE1-674, PH3-953

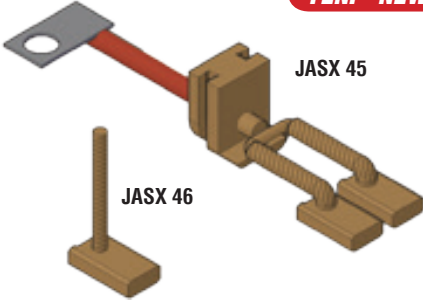
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,0x14x16
**MAZDA
MITSUBISHI**
JASX 45-46

 M647C00171
M648C16471

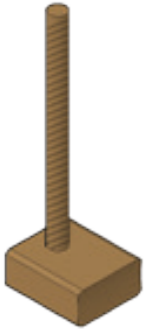
YENİ - NEW

**1-JAS 45
2-JAS 46**

 MD607897
MD607899

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5x10x17,5
MITSUBISHI
JASX 91
YENİ - NEW

4-JAS 91

 M1T50172
M001T50172,471
Diesel Gear Starter
205, 309 Diesel
JMTSX101

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

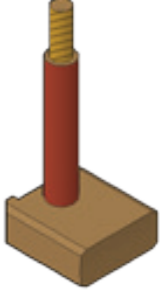
7x14x16
**MITSUBISHI
NISSAN
PEUGEOT** 205
305
405
BOXER
CITROEN BX
XM
XANTIA
BERLINGO
FIAT SCUDO

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

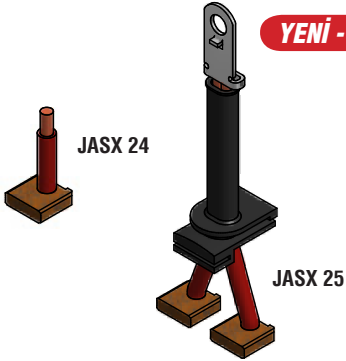
JASX 21 (4)**YENİ - NEW****4-JAS 21**

D7RSA7
D7RS7
SM302
31208-PC2-681
31200-P03P005
SM302-46

HONDA CIVIC
CRX DEL SOL
ACCURA
KOHLER

Gerilim / Voltage
(Volt)

Servicing : SM302-01, SM302-02, SM302-03, SM302-04,
SM302-07, SM302-08, SM302-09, SM302-10, SM302-12,
SM302-15, SM302-16, SM302-18, 267726

12Ölçü / Dimension
(mm)**6x14x15****JASX 24-25****YENİ - NEW**

JASX 24

JASX 25

**2-JAS 24
1-JAS 25**

186169,187, 387, 390
D7RSA 4,8,11
31200 P45C0
SM402
SM442-25
SM402-03

HONDA ACCORD
PRELUDE

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x17x16,5**

Takım Sipariş Kodu / Set Order Code

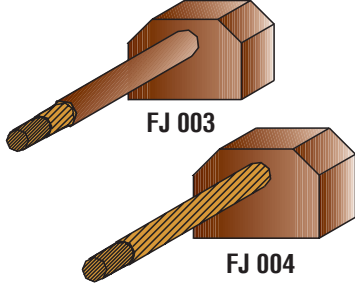
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

FJ 003-004

ME 700541


**2-FJ 003
2-FJ 004**

 23380-37500
24370-54008

MITSUBISHI
MIDIBUS / VAN
OTOBÜS / BUS
TRAKTÖR/TRACTOR

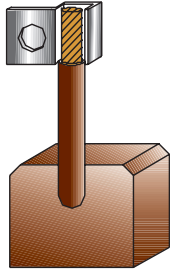
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x24x20
FJ 015

UE 700541


4-FJ 015

 23380-37502
49206-1001/49207-1001

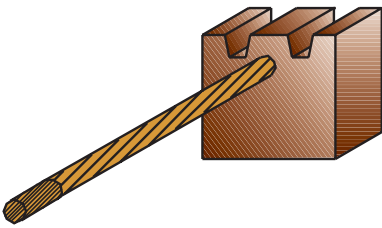
MITSUBISHI MARATON

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x24x20
JASX 29

 M648 C101 71
M648 C106 71

4-JAS 29

 0603-23-643
E64457044M
23380-10611
23380-21010

MAZDA FAMILIA
SUNNY

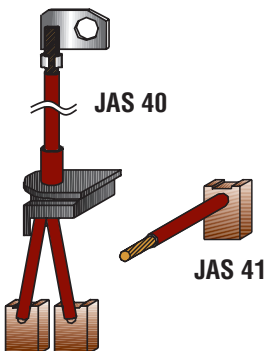
DATSUN
MITSUBISHI
NISSAN

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,8x16,5x14
JASX 40-41

 M647 C00 271,272
M648 C311 71

MI 0411

 M1T60381, 70281, 70481, 70781, A, 70881, A, 70981,
70982A, 70985, 71281, A, B, 71481, 71481 A,
71881, A, 72583, 72985A, 75581, 77381, 77581

MAZDA
MITSUBISHI
NISSAN
HYUNDAI ACCENT

**1-JAS 40
2-JAS 41**

 23380-421-70
233379-AA 000

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

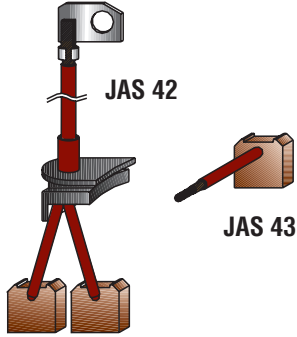
4,5x12x17,5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 42-43M647 C003 71
M648 C329 71

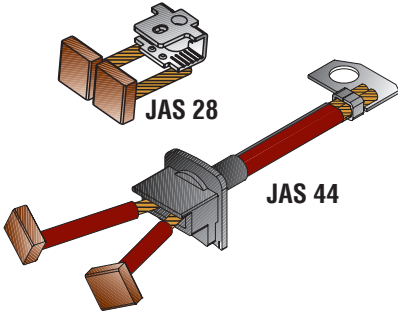
MI 2431

1-JAS 42
2-JAS 43Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x18x17,5

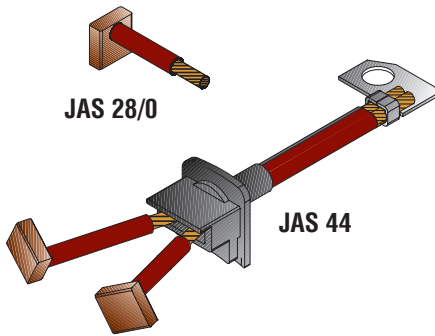
M1T 70381, 70485, 71781, 74081, 74181, 74281, 74381,
74481, 75781, 90281
N327-18-X66
MD 611 918MAZDA
MITSUBISHI**JASX 44-28**M647 X034 71,04571
M647 X055 71,058711-JAS 44
1-JAS 28Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x12x12,5

M1T60285

NISSAN
FORD DIESEL**JASX 44-28/0**M647 X034 71, 04571
M647 X055 71, 05871

MI 4281

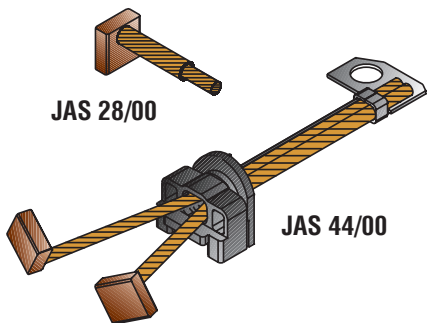
1-JAS 44
2-JAS 28/0Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

4,5x12x12,5

M1T60285

RENAULT
KANGOO 1,5
DIESEL**JASX 44-28/00**

MI 4282

1-JAS 44
2-JAS 28/00Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

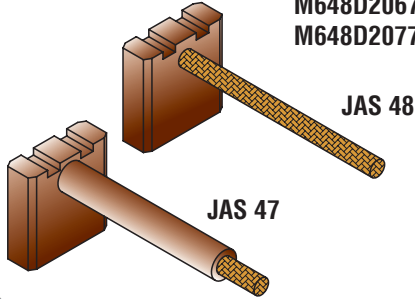
4,5x12x12,5

MOT20871, M321X45071

CITROEN
FIAT
PEUGEOT

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 47-48

M648C20371
M648C22371
M648C24471
M648C24472
M648D20671
M648D20771



2-JAS 47
2-JAS 48

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

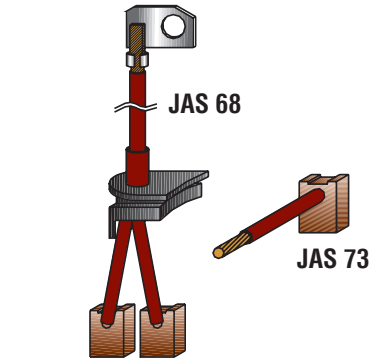
6,5 x 19 x 19,3

0839-24-723
MM502019
MM502135
23379-37504
23379-99008
23379-J2000
23380-37504
23380-37505
23380-J2000
29042-L7000
29142-L5000
29142-L7005
29242-L4005

MAZDA
MITSUBISHI
NISSAN

JASX 68-73

M647 C008 71



1-JAS 68
2-JAS 73

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

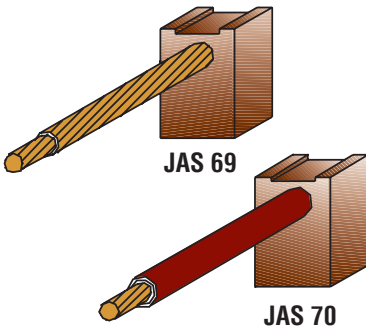
4,5x12x16,5

M1T70483, 72581, 72583,
73281, 73283, 73383,
77681
MD 611 731

MITSUBISHI COLT
MAZDA 323
NISSAN ALMERA

JASX 69-70

M648 C121 70
M648 C137 70



2-JAS 69
2-JAS 70

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

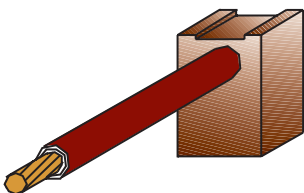
6,8x11,8x17,2

M2T 20181, D, 30385, 30481, 32281, 32782D, 37081, 41181,
41182, 42381, 42481, 42781, 42881, 42981, 43081, 44081,
48081, 49281, 49282
M3T 21281D, 21381, 21882D, 22681, 27686D, H, N, 30081,
30082, 30088, 30281, 30282, 30285, 30286, 30381,
30382, 30581, 30583, 30782, 30881, 32081, 32082, 32381,
32382, 32581-5, 32591, 32592, 32593, 32681, 32782, D,
32985, 32986, 32988, 33081, 33481, 33585, 33586, A, D,
33587, 33981, H, 34081, 34082, 36081, 38881B, 38882, A,
B, C, 38885, 38981, 39385, 39781, 41081, 41083, 41481,
41881, 42681, 48181, 49381, 49585, 49781
JMTSX 100
0222-24-750/0222-24-753
0426-24-753/N202-24-750
MD602468/MD607420
23378-N5911
23380-U0110/B5010/E3010
JMTSX 100
31132-72030/31

MITSUBISHI
CITROEN
MAZDA
NISSAN
PEUGEOT
SUZUKI

JASX 70

M648 C137 70
M648 C103 71B



MI 1701

4-JAS 70

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6,8x11,8x17,2

M2T23685, 25481, 25681, 50281, 50381, 51082, 51083,
51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372
10473, 10475, 10476, 10672, 15772, 19571, 19871,
19971, 20081, 20381, 20681, 20781, 21281, 21282,
21881, 21882, 22081, 22381, 22581, 22582, 22781,
24481, 24485, 24486, 24488, 25781, 25782, 25783,
25882, 25883, 25891, 26081, 26685, 27581, 27686,
27781, 29681, 32781, 32781ZC
0222-24-753/N202-24-750
MD 602069/MD 607 949/MM 502 344
23380-E3010
23378-N5911/N5910

PERKINS
MITSUBISHI L100-L300
MAZDA RX3, RX7
PEYKAN
NISSAN

Takım Sipariş Kodu / Set Order Code

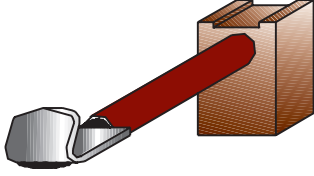
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 70/K

M648 C137 70
M648 C103 71B



4-JAS 70/K

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

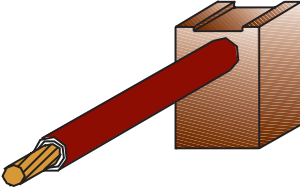
6,8x11,8x17,2

M2T23685, 25481, 25681, 50281, 50381, 51082, 51083,
51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372
10473, 10475, 10476, 10672, 15772, 19571, 19871,
19971, 20081, 20381, 20681, 20781, 21281, 21282,
21881, 21882, 22081, 22381, 22581, 22582, 22781,
24481, 24485, 24486, 24488, 25781, 25782, 25783,
25882, 25883, 25891, 26081, 26685, 27581, 27686,
27781, 29681, 32781, 32781ZC
0222-24-753/N202-24-750
MD 602069/MD 607 949/MM 502 344
23380-E3010
23378-N5911/N5910

PERKINS
MITSUBISHI L100-L300
MAZDA RX3, RX7
PEYKAN
NISSAN

JASX 70 H

M648 C137 70
M648 C103 71B



MI 1702

4-JAS 70 H

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

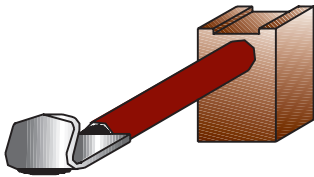
6,8x11,8x17,2

M2T23685, 25481, 25681, 50281, 50381, 51082, 51083
51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372, 10473, 10475, 10476
10672, 15772, 19571, 19871, 19971, 20081, 20381
20681, 20781, 21281, 21282, 21881, 21882, 22081
22381, 22581, 22582, 22781, 24481, 24485, 24486
24488, 25781, 25782, 25783, 25882, 25883, 25891
26081, 26685, 27581, 27686, 27781, 29681, 32781
32781ZC

MAZDA
MITSUBISHI
CANTER 659 Y.M.

JASX 70 H/K

M648 C137 70
M648 C103 71B



4-JAS 70 H/K

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

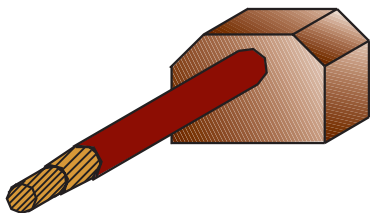
6,8x11,8x17,2

M2T23685, 25481, 25681, 50281, 50381, 51082, 51083
51181, 52881, 53083, 53085, 53881, 53882, 54085
M3T10172, 10271, 10272, 10372, 10473, 10475, 10476
10672, 15772, 19571, 19871, 19971, 20081, 20381
20681, 20781, 21281, 21282, 21881, 21882, 22081
22381, 22581, 22582, 22781, 24481, 24485, 24486
24488, 25781, 25782, 25783, 25882, 25883, 25891
26081, 26685, 27581, 27686, 27781, 29681, 32781
32781ZC

MAZDA
MITSUBISHI
CANTER 659 Y.M.

JASX 71

M648 C256 71



4-JAS 71

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x24x17

M2T60071, 0072, 0073, 0171, 0172, 1171
M3T66071, 66072, 66073, 66074, 67171, 67172
90071, 90072
SE01-24-750
R201-18-X66
MD 611024/ME 700858

MAZDA
MITSUBISHI PAJERO
GALANT

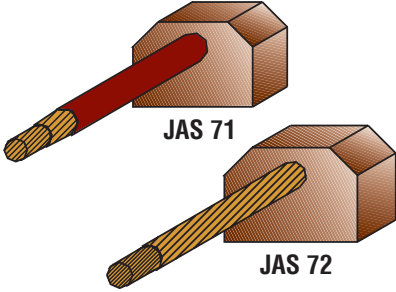
Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 71-72

 M648 C256 71
M648 C256 72

MI 1711

 M2T60071, 0072, 0073, 0171, 0172, 1171
M3T66071, 66072, 66073, 66074, 67171, 67172
90071, 90072
R201-18-X66
R201-24-750
S203-24-750
SE01-24-750
ME700047/ME700290
ME700939

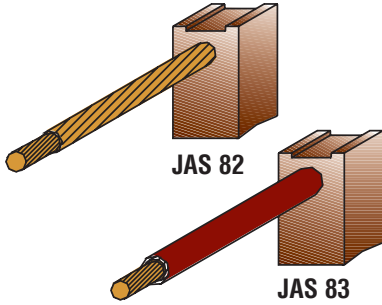
**MAZDA
MITSUBISHI**
**2-JAS 71
2-JAS 72**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x24x17
JASX 82-83

 M648 C149 70, 71
M648 C148 71
150 70

**MI 2831
MI 2832**

 M2T 20181, D, 30385, 30481, 32281, 32782D, 37081, 41181,
41182, 42381, 42481, 42781, 42881, 42981, 43081, 44081,
48081, 49281, 49282
M3T 21281D, 21381, 21882D, 22681, 27686D, H, N, 30081,
30082, 30088, 30281, 30282, 30285, 30286, 30381,
30382, 30581, 30583, 30782, 30881, 32081, 32082, 32381,
32382, 32581-5, 32591, 32592, 32593, 32681, 32782, D,
32985, 32986, 32988, 33081, 33481, 33585, 33586, A, D,
33587, 33981, H, 34081, 34082, 36081, 38881B, 38882, A,
B, C, 38885, 38981, 39385, 39781, 41081, 41083, 41481,
41881, 42681, 48181, 49381, 49585, 49781

**MAZDA
NISSAN
SUZUKI
SUBARU**
**2-JAS 82
2-JAS 83**

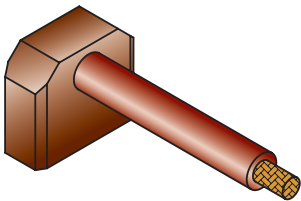
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x10x17

 B630-18-X66
B660-18-X66
E301-24-750, -753
E501-24-753
MD607554/-556
23379-M8310
23380-M8311
31131-80090, 31132-80090

JASX 90

4-JAS 90

 1456-24-723
1456-24-750
MD607461
23378-W2810

**MAZDA
MITSUBISHI
NISSAN**

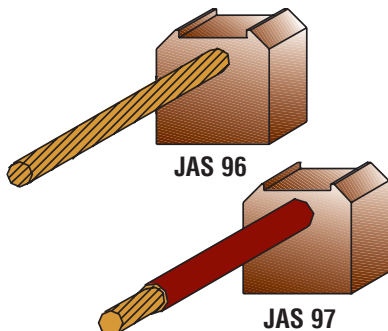
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x20x17
JASX 96-97

M648 C263 71


MI 6971

 M2T54272, 54471, 54572, 54771, 56171, 56181, 56182,
56185, 56272, 56471, 56871, 57271, 57371,
57771, 61071, 61072, 62271, 62971, 64271,
65272, 66871, 66873, 67871, 67873, 67881,
67883, 74171, 74371, 92071, 92071A, 92171,
92172, 92172A

MITSUBISHI CANTER 429
**2-JAS 96
2-JAS 97**

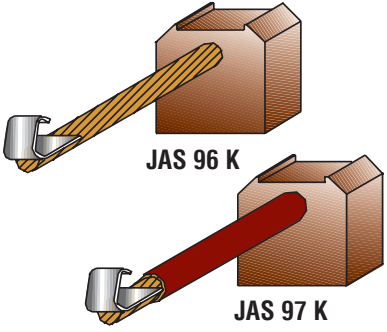
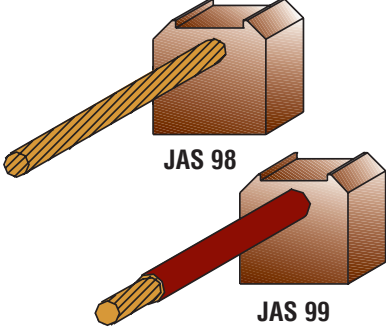
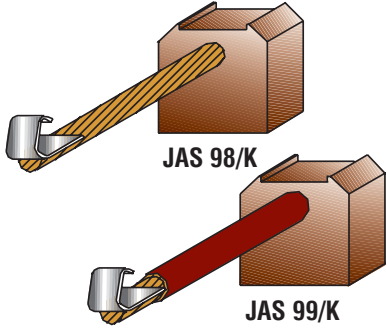
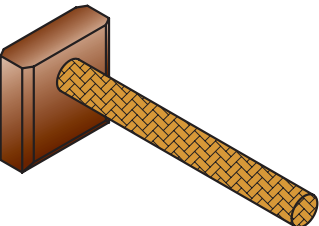
 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

6,8x18x18

 ME700140/ME701169
23330-T9000

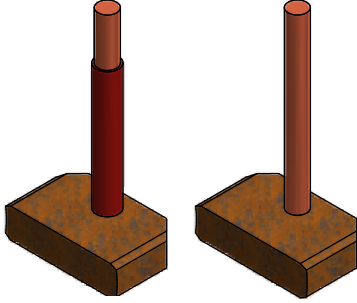
Takım Sipariş Kodu / Set Order Code	Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
<p>JASX 96-97/K M648 C263 71</p>  <p>JAS 96 K JAS 97 K</p>	<p>2-JAS 96 K 2-JAS 97 K</p> <p>Gerilim / Voltage (Volt) 24</p> <p>Ölçü / Dimension (mm) 6,8x18x18</p>	<p>M2T54272, 54471, 54572, 54771, 56171, 56181, 56182, 56185, 56272, 56471, 56871, 57271, 57371, 57771, 61071, 61072, 62271, 62971, 64271, 65272, 66871, 66873, 67871, 67873, 67881, 67883, 74171, 74371, 92071, 92071A, 92171, 92172, 92172A ME700140/ME701169 23330-T9000</p>	<p>MITSUBISHI CANTER 429</p>
<p>JASX 98-99 M648 C153 72 M648 C154 72</p>  <p>JAS 98 JAS 99</p>	<p>MI 8991</p> <p>2-JAS 98 2-JAS 99</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 6,8x18x18</p>	<p>S13106E, S13112, S13127C, S13131, S13137A, S1389B, S1403 8599-24-750 MD 618 460 ME700127/ME701118 23378-W3410</p>	<p>MAZDA MITSUBISHI NISSAN</p>
<p>JASX 98-99/K M648 C153 72 M648 C154 72</p>  <p>JAS 98/K JAS 99/K</p>	<p>2-JAS 98/K 2-JAS 99/K</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 6,8x18x18</p>	<p>S13106E, S13112, S13127C, S13131, S13137A, S1389B, S1403 8599-24-750 MD 618 460 ME700127/ME701118 23378-W3410</p>	<p>MITSUBISHI CANTER L300 MAZDA NISSAN</p>
<p>JASX 100 M648C35871</p> 	<p>4-JAS 100</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 4,3x12x12.3</p>	<p>MOT20871</p>	<p>CITROEN BERLINGO C4,C5 EVASION JUMPER XANTIA FIAT SCUDO ULYSSE PEUGEOT BOXER EXPERT</p>

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 103-104

JAS 103

JAS 104

**2-JAS 103
2-JAS 104**Gerilim / Voltage
(Volt)**24**Ölçü / Dimension
(mm)**8X30X18,2**M009T60671
M9T60371,60671,60672,60471, 61171**RENAULT**

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

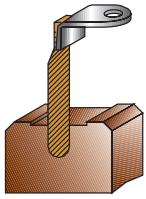
Araç Modeli/Vehicle Model

JASX 1028530-0932
1020
1030**YENİ - NEW****2-JAS 1**028000-8411,9133,9872,9882
128000-1431,4461,4590**Replacing :** M648C12370, M648C12170
Servicing : M002T10171, M002T20181A,
M002T20281, M002T10171, M002T20181A,
M003T10476, M003T10672, M003T11174,
M003T11272, M003T12572Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x9x12,5****YAMAHA** MOTORCYCLE
KAWASAKI MOTORCYCLE
HONDA MOTORCYCLE
SUZUKI MOTORCYCLE**JASX 2**

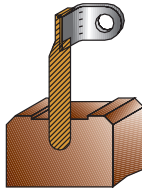
1 004 320 251

YENİ - NEW**2-JAS 2**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x10x12,5**

MOTORCYCLE

JASX 10-11028520-1090
028530-1100

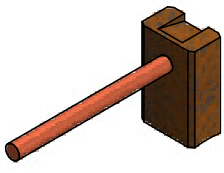
JAS 10



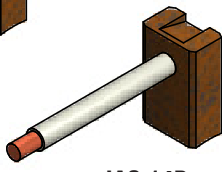
JAS 11

ND 0111128000 049,245,247,256,274,422,
468,491,537,551,562,572,573
228000-331,332,573,585,700**2-JAS 10**
2-JAS 111-8116-048-0
1-8116-049-0Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**10x30x20****ISUZU**
CATERPILLAR
CUMMINS
DODGE
TRAKTÖR / TRACTOR
GMC TRAKTÖR / TRACTOR**JASX 14**

28531-0110



JAS 14A



JAS 14B

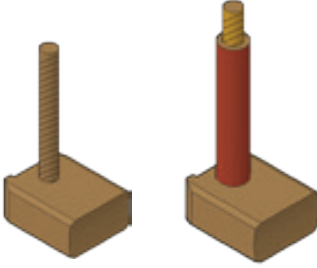
2-JAS 14A
2-JAS 14B28142-21010
9-8211-1649-0
0180-23-756
K437 450-0
MD604067
89207-8602/49206/7202
31131-75011
28142-21010Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x12x16****DAIHATSU**
ISUZU
MAZDA
MITSUBISHI
SUBARU
SUZUKI
TOYOTA

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 18-19
YENİ - NEW


JASX 18

JASX 19

2-JAS 18
2-JAS 19

 Gerilim / Voltage
(Volt)

12

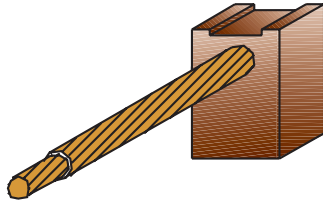
 Ölçü / Dimension
(mm)

7x13x15,5

OSGR- Starter 1.2 kw

 825222, 825700, 0R9705, 160-4648, 28100-87806, 28100-
B8010, 31208-PM3-J01, 31208-PM3-J010M, 8-97048-966-
1, 8943772580, 8970489660, 8970489662, AM876435,
AM878415, TY25233, 21163-0030, 21163-0030, 21163-1299,
21163-1299, 23378-AA060, 28100-0D010, 28100-22050,
28100-46150, 28100-46180, 28100-46190, 28100-76060,
28100-76081, 28140-74120, 28140-76060, 119626-77020,
129129-77010

Servicing : 128000-7010, 128000-7120, 128000-7121,
128000-7122, 12800-7130, 128000-7390, 128000,7710,
128000-7711, 128000-7712

BRIGGS & STRATTON
ENGINES
CATERPILLAR
DAIHATSU MOTOR CO HONDA
ACURA
ISUZU
JOHN DEERE
KAWASAKI
SUBARU
TOYOTA
YANMAR
JASX 22

4-JAS 22

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

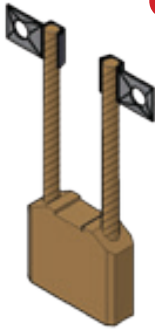
7x12x19

 028000 4490, 4651, 4790, 4840, 5070, 5071, 5350, 5720
6070, 6330, 6510, 6511, 6790, 7270, 7311, 9690

 28142-10011
0208-23-756
MD 604 240
4102, 6102/49243-7312
89206-8702,8602
31131-55010,55011, 75111
28142-10011

TOYOTA
ISUZU
MAZDA
MITSUBISHI
SUZUKI
SUBARU
DAIHATSU
JASX 35

28530-0480

YENİ - NEW

4-JAS 35

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

9x30x26

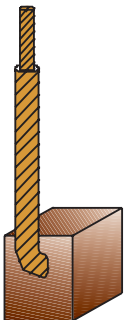
 R50927
MD604256, MF022002
28142-47021, 76010, 77040
028000-3291, 3650, 3930, 4870, 4930,
128000-0260, 0480

Replacing : 385300-480, 028530-0487, 028530-0481,
028520-0480

Servicing : 028000-3290, 028000-3291, 028000-3292,
028000-3650, 028000-3930, 028000-3970, 028000-4870,
028000-4930, 028000-5040, 4N0241, 4N241, 9X0354,
28100-1670, 28100-1670A, 28100-1671A, 28100-1672A,
5811000710, AR41627, AR55639, AR70611, AR77254,
RE13722, RE23900, RE41875, RE41880, RE41890,
SE501414, TY25960, TY25962, TY6617, TY6713, TY6725,
50-831001671, 50-831001672, 191-1117

J. DEERE
MITSUBISHI
TOYOTA
CATERPILLAR
HINO
ISUZU
JOHN DEERE
MERCURY MARINE
ONAN
JASX 39

028099-5450


4-JAS 39

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,5x8x10

 128000 2520, 2631, 2800, 2820, 2980, 3090, 3530, 4060
4230

 28142-87504-000
31211-PH9-004
8-94455-168-0
8-94455-167-0
MD 604 643
209705-5108
31131-51A10
28142-10029

DAIHATSU
HONDA
ISUZU
MITSUBISHI
SUBARU
SUZUKI
TOYOTA

Takım Sipariş Kodu / Set Order Code

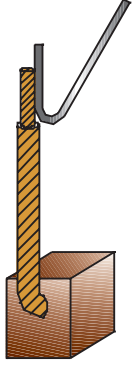
Özellikler
Properties

Motor Numarası / Unit No.

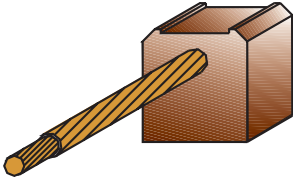
Araç Modeli/Vehicle Model

JASX 39 C

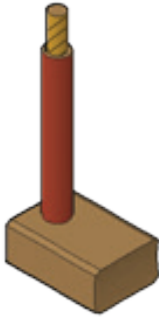
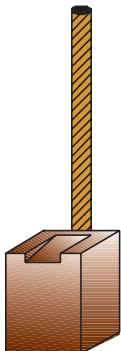
028531-5050

**4-JAS 39**128000 2520, 2631, 2800, 2820, 2980, 3090, 3530, 4060
4230
MAZDA
SUZUKI FRONTE, ALTO
 CARRY
PEUGEOT 106
RENAULT 19
CITROEN
Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,5x8x10****JASX 52**

028099-6180

**ND 0521**1280005210, 5211, 5680, 5682, 6210, 6420, 6720, 6721
7122, 7400, 7713, 8530, 8784, 8890, 9190, 9380
4280001590
28142-87204-000
TOYOTA
DAIHATSU
ISUZU
MAZDA
SUZUKI
4-JAS 528-94377-262-0
8-94367-795-0
028099-6180Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6.5x13x14****JASX 53**

028510-0760

YENİ - NEW**2-JAS 53**28140-87703-000
31231-679-014
5-81119-004-0
8-94135-730-0
49243-6002
31131-79010
31173-79010
DAIHATSU
HONDA
ISUZU
SUBARU
SUZUKI
Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,5x13x18****JASX 63**28531-0380
28531-0480
28531-0490**4-JAS 63**0280004042, 4500, 4700, 0900
28142-25011/87502
31211-657-006/31231-679-004
28142-25011
TOYOTA
HONDA
DAIHATSU
Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x12x16**

Takım Sipariş Kodu / Set Order Code

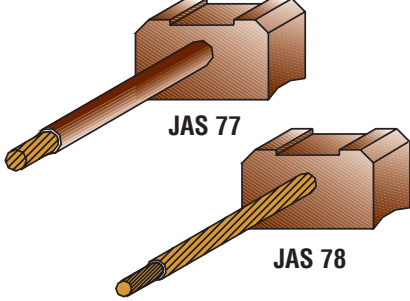
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JASX 77-78

028099-3550


ND 7781

 0280007000, 7001, 7370, 7373, 7740, 7790, 7791, 8130
8760, 8762, 9830, 0040

**2-JAS 77
2-JAS 78**

 1280000570, 0832, 0960, 1040, 3101, 3250, 3260, 3420
5350, 5760, 7382, 9560, 9592

 Gerilim / Voltage
(Volt)

 2280000200, 391
28140-54070-000
28140-64040-000
28140-87706-000

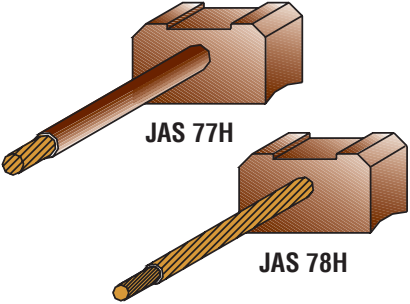
12

 Ölçü / Dimension
(mm)

 5-81116-040-0
5-81118-021-0
8-94167-430-0
028510-0640
RE01-24-750
28140-54070
28140-64040

8x25x15
TOYOTA CROWN DIESEL
ISUZU
KOMATSU
MAZDA
DAIHATSU
JASX 77-78 H

028510-0640


**2-JAS 77 H
2-JAS 78 H**

 0280007000, 7001, 7370, 7373, 7740, 7790, 7791, 8130
8760, 8762, 9830

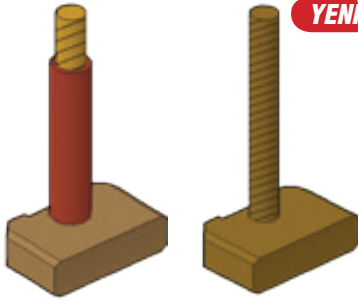
 Gerilim / Voltage
(Volt)

 1280000040, 0570, 0832, 0960, 1040, 3101, 3250, 3260
3420, 5350, 5760, 7382, 9560, 9592
2280000200, 2280000391

24

 Ölçü / Dimension
(mm)

8x25x15
MAZDA MİNİBUS / VAN
KAMYONET / PICKUP
ISUZU NCR
DAIHATSU
KOMATSU
JASX 79

 0-23740-0200
0210

YENİ - NEW
JASX 79A
JASX 79B
**2-JAS 79A
2-JAS 79B**

 228000-304326,304408
1.8/2.0 kW
8-94178-053-0, 054-0
8-94437-920-0, 921-0
25-39192-00, 25-39291-00, 25-39316-00, 126895A1,
4763794, 31200-P5G-003, 31200-P5G-0032,
31200-P5G-003RM, 1383240, 8504304, 18508-6530, 15425-
63014, 15425-63015, 15425-63016, 19460-63011,
19460-63012, 19460-63013, 1G911-63012,
1G911-630121, 28100-50060,
28100-50060-84, 28100-50061, 28100-50062, 28100-50070,
28100-50100, 28100-50100-84, 28100-50101, 28100-50101-
84, 28100-5010184, 28100-66060, 18508-6530, 3502221,
28100-31050, 28100-31050-84, 28100-50070, 28100-50070-
84, 28100-50100, 28100-50100-84, 28100-50101, 28100-
50101-84, 28100-62030, 28100-62030-84, 28100-66050,
28100-66060, 28100-75110, 28100-75140, 28100-75140-84

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x16
ISUZU
CARRIER TRANSICOLD
CASE
CHRYSLER
HONDA
ACURA
HYSTER
ISHIKAWAJIMA
KUBOTA
LEXUS
NEW HOLLAND SBA
THERMO KING
TOYOTA
JASX 84

 028510-0441
028531-0450

ND 0841

 0280004000, 4020, 4200, 4243, 4340, 4510, 4730, 4940, 4990
28140-34030

4-JAS 84

 28140-87701-000
28140-87704-000
28140-87710-000
31208-657-0040
31208-657-300

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x16x14

 31208-PH7-661
31208-PR4-0030
02851-00441,-00590
21170-53608
23378-AA040,-AA050
49243-7212,-7302,-7502
28140-34030,-64130,-65020
28140-74010,-74020,-74070,-76070
28142-34030

TOYOTA CORONA
COROLLA
CARINA
CAMMRY
CELICA
ACCORD

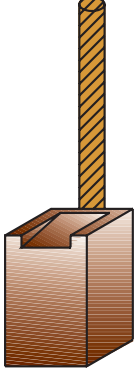
HONDA
DAIHATSU

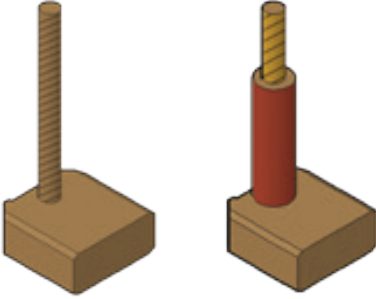
Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

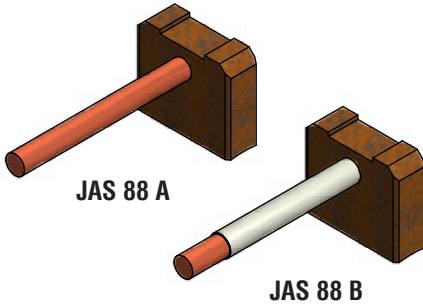
JASX 8528140-15010
28531-0680**ND 0851**0280005335, 6494, 6520, 6813, 6822, 6823, 7092, 7093
7100, 7280, 7290, 7330, 7331, 7332, 7440, 7460
7461, 7470, 7520, 7521, 7580, 7581, 7981, 8040
9010, 9490, 9500, 9501, 9900, 9901**4-JAS 85**1280000351, 1200, 1610, 1620, 1621, 1861, 1862, 2050
2430, 2431, 2540, 2861, 5240, 6240, 8130Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6.5x10x16**28100-15031-000, 28100-87222, 28100-87510, 28100-
87515, 28100-87515-000, 28100-87517, 28100-87526,
28100-87701, 28100-87702, 28100-87704, 28100-87706,
28100-87708, 28100-87708-000, 28100-87709, 28100-
87709-000, 28100-87725, 28100-87725-000, 28100-87727,
28100-87727-000, 28100-87730, 28100-87730B, 28100-
87734, 28100-87734-000, 28100-87784
94439315, 96051950, 96054059, 96062498
31200-637-600, 31200- 676-6050, 31200-PA0-006, 31200-
PA0-016, 31200-PA5-9112, 31200-PB1-934, 31200- PC0-004,
31200-PC1-004, 31200-PC5-0042, 31200-PE0-003, 31200-
PE0-013, 31200-PE0-901, 31200-PE5-L01, 31200-PM5-L01,
31200-PM5-L03, DF4EF, DF4EH, DFDE6, DFKEE, DFLEA
8941313560, 8941313561, 8941313562, 8942178712,
8944121420, 8944121421, 8944393150, 8944393151
B6DK-18-400
SBA18508-6370, SBA18508-6540
23300-AA000, 23300-AA030, 23300-AA031, 42991-1710,
42991-5700, 42991-6200, 42991-7000, 42991-7110, 42991-
7120, 42991-7130, 42991-7400
31100-78310, 31100-78420, 31100-79661, 31100-82011,
31100-82610, 31100-82611, 31100-82612, 31100-826A1,
31100-84350
28100-10030, 28100-10050, 28100-13020, 28100-13020K,
28100-13030, 28100-15010, 28100-15011, 28100-15031,
28100-15060, 28100-15110, 28100-15160, 28100-15170,
28100-23800-71, 28100-27020, 28100-31020, 28100- 31021,
28100-31030, 28100- 37010, 28100-37011, 28100-41050**DAIHATSU****TOYOTA****DAIHATSU MOTOR CO****GM****HONDA, ACURA****ISUZU****MAZDA****NEW HOLLAND****SUBARU****SUZUKI****TOYOTA**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
JASX 86-87
028510-0750
YENİ - NEW

JASX 86
JASX 87
**2-JAS 86
2-JAS 87**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x16

 28140-15090
31208-PC2-661
28140-15090
028000-8220, 8432

 Replacing : 028099-3950
Servicing : 028000-5730, 028000-8980, 028000-9380,
028000-9510, 028000-9800, 128000-0050, 128000-0111,
128000-0170, 128000-0171

DAIHATSU
HONDA ACCORD
INTEGRA
TOYOTA COROLLA

JASX 88
28531-0632

JAS 88 A
JAS 88 B
ND 0881
**2-JAS 88 A
2-JAS 88 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x25x21

 0280005510, 5530, 5550, 5560, 5832, 5833, 5840, 5850
5860, 5862, 6010, 6022, 6290, 6310, 6340, 6460
6870, 6880, 6891, 6950, 7240, 7241, 7451, 7810
8070, 8500
1280000550, 1570, 1571, 1700, 1760, 1790, 2930, 3080
3512, 6170, 6171, 6830, 6920, 7280, 7281, 7282
7920, 7921, 7922, 8620, 9580, 9581
2810064080

HINO
ISUZU
MITSUBISHI
TOYOTA
JASX 89
**028099-3430,3950
028510-0460,0660
028531-0720,0730**

4-JAS 89
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7x16x14

 0280002060, 4343, 5060, 5821, 5822, 5911, 5912, 6000
6030, 6140, 6260, 6261, 6701, 7190, 7321, 8000
8570, 8620, 8980, 9070, 9121, 9260, 9510, 9720
9860
128000 0120, 0220, 0280, 0620, 0622, 0710, 0720, 0740
1151, 1220, 1230, 1260, 1370, 1440, 1441, 2040
2060, 2130, 2210, 2830, 3340, 3380, 3381, 3470
3480, 3481, 3710, 4420, 4840, 5080, 5630, 5700
5780, 5781, 5840, 5941, 5951, 5952, 6300, 6780
6870, 7190, 7200, 7390, 7500, 8070, 8200

TOYOTA CORONA
COROLLA
CARINA
CELICA
HONDA
ISUZU

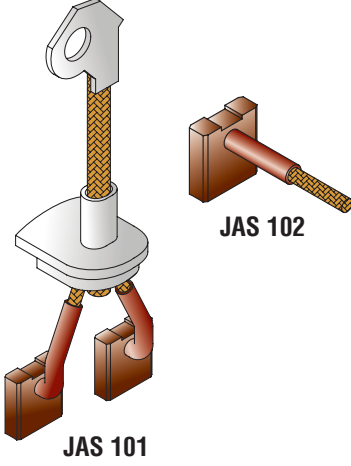
Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

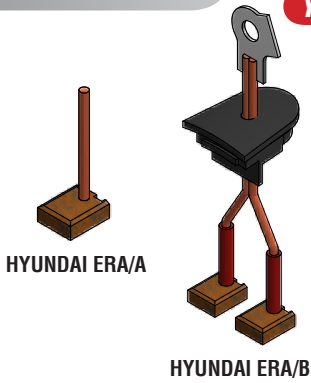
JASX 101-102



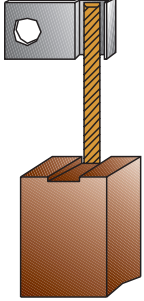
ND 1021	DENSO 428000-0670,-0680 - 0700,-1640,-1750 1454651,1935477,1935485 6667825	BLUEBIRD BUS BMW BOBCAT CASE CATERPILLAR CHRYSLER CLARK DAEWOO MOTOR CO GM IHC, NAVISTAR ISUZU JLG INDUSTRIES JOHN DEERE KOMATSU NEW HOLLAND THOMAS BUILT BUSES
1-JAS 101 2-JAS 102	116928A1, 116928A2, 116928A23,193432A1,193432A2, 1987565C1, 1987566C1, 332443A1, 8605784, A186247, A187615, D129494 0R4318, 0R9226,1053133, 10R- 0754, 111-9860, 111- 9860, 234-2637, 3E5381, 3E5382, 6T0380, 7C5731, 8C4774, 9W2946, 9W3748 4428221 C07825, C07837 65.26201-7050 12596914, 94039465, 94052175, 94052837, 97500358	
Gerilim / Voltage (Volt)	2509687C91, 2585347C91,2589223C91, 2589223C91, 2593562C91,2593563C91, 2593564C91, 3520840C91,3549408C91, 3591688C91, 3595800C91 1811002301, 1811002310, 1811002340,1811002341, 1811002390, 1811002461,1811002610, 1811002990, 2-91255-900-0, 2911234200, 2912559020, 8-97500-358-2, 8971197490,8975002310, 8975003580, 8975003581 7026921 AT195414, RE500199, RE500345,RE501050, RE501060, RE501060, RE501150, RE501298, RE501298,RE501298, RE502811, RE504244, RE504245, RE506079, RE506103, RE506105, RE520634, RE525468, RE528619, RE529661, RE533091, RE534934, RE534961, RE537519, RE539695, RE65817, RE69704, RE69705, RE70473, RE70474, RE70957, RE70958, RE70959, RE70960, RE70975, RE79474, SE501403, SE501403, SE501403, SE501405, SE501406, SE501407, SE501853, SE501866, SE501872, SE502559, TY24439, TY24439, TY24440, TY24441, TY24443, TY24444 600-863-5110, 600-863-5111 193432A2, 8605784, 87413501 61230354, 61230355, 61230359, 61230373, 61230712, 61231320	
Ölçü / Dimension (mm)		
4.5x14x10.5		

HYUNDAI ERA

YENİ - NEW



ND 2011	GSL36100-03100	HYUNDAI ACCENT, i10, i20, i30
2-H.ERA A 1-H.ERA B		
Gerilim / Voltage (Volt)	12	
Ölçü / Dimension (mm)	5x10,6x12,5	

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PLSX 1
133-4 061

2-PLS 1

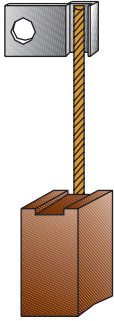
 1043-047/6, 162-10-08/12,
409-8041-00/22, 10-200-4009

SKODA

 Gerilim / Voltage
(Volt)

6/12

 Ölçü / Dimension
(mm)

7x16x22
PLSX 3
**110-904 300,
02-8480-82**

4-PLS 3

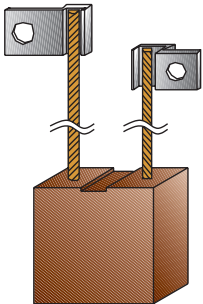
 443115142071, 443115142110, 443115142112,
443115142350

SKODA

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x12x22
PLSX 4
93-22-32

4-PLS 4

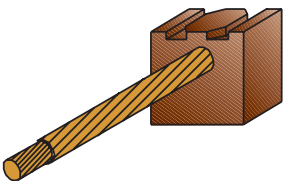
443 115 144 44, 443 115 144 722

SKODA

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8,8x26,6x26
PLSX 5
344 112 021

4-PLS 5

443 115 141 310/311

SKODA FELICIA
FAVORIT, FABIA

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

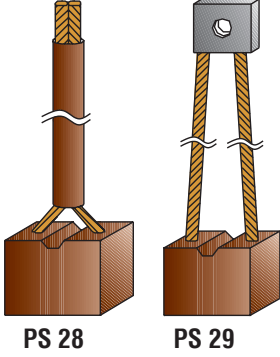
6x12,5x12,5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 28-29

PS 28

PS 29

2-PS 28
2-PS 29Gerilim / Voltage
(Volt)

12

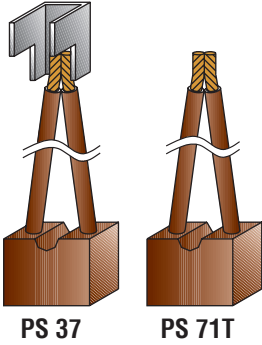
Ölçü / Dimension
(mm)

7x18x14

D11 B30

CITROEN
PERKINS
IHC
MASSEY FERGUSON**PSX 37-71T**

75592



PS 37

PS 71T

1-PS 37
1-PS 71Gerilim / Voltage
(Volt)

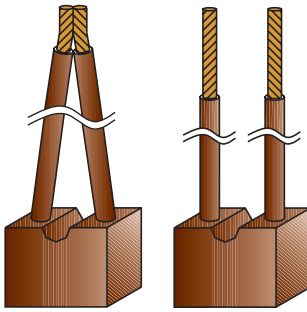
12

Ölçü / Dimension
(mm)

7x18x14

DBL25, E50, 54, 70, 86, 94, 97
D11E140CITROEN
PERKINS
IHC
MASSEY FERGUSON**PSX 71-92**

73829



PS 71

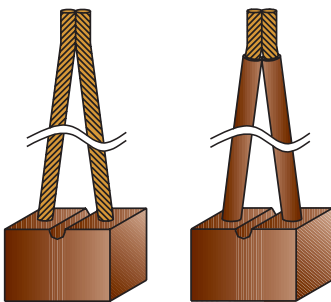
PS 92

1-PS 71
1-PS 92Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x18x14

D8E21, 22, 27, 30, 31, 37, 41, 43, 49, 50, 54,
D8E57, 58, 60, 63, 64, 66, 68, 70, 76, 86, 94,
D8E96, 97, 98, 104, 106CITROEN C25
FIAT DUCATO
PEUGEOT 404, 504, J5**PSX 81-82**72631G
300679

PS 81

PS 82

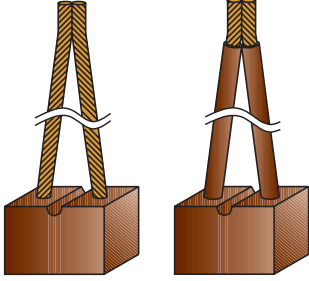
2-PS 81
2-PS 82Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x25x17

D11E92, T, 104, 117, 119T, 121, 127, 129, T, 137
141, 146, 153, 153T, 154, 155, 169, 173, 176,
178, 202PEUGEOT
RENAULT

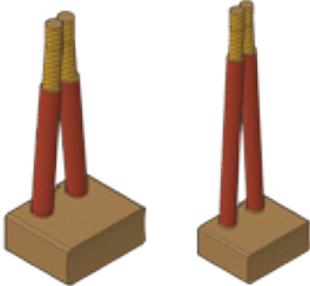
Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 83-84
**71 630F
182 132
182 145**

PS 83
PS 84
**2-PS 83
2-PS 84**

D11E81, T, 88, 89, T, TE, 90, T, 98, T, TE, 99, T, 103, 114,
122, T, 124, 125, 128, T, 130, 138T, 149
D13E63, T, 64-66, T, 69, T, 70, T, 71, 73, TE 74, TE, 81, T,
TE, 82 T, 83-85, 88, 90 TE, 95,
100 TE, 101 TE, 104 TE, 105, 108 TE, 111, 112, 116

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

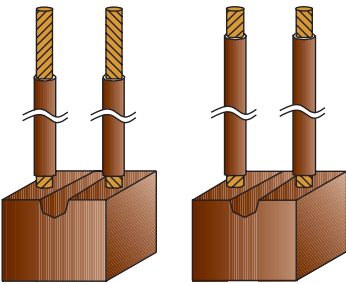
10x25x17
PSX 89-90
594286
YENİ - NEW

PS 89
PS 90
**2-PS 89
2-PS 90**

D13HP601,605,607, 608,609,613

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

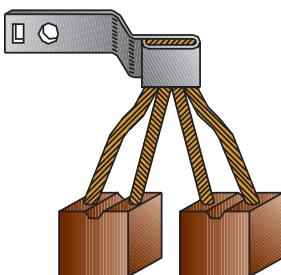
10x25x20
**DAF
SCANIA**
PSX 98-99
75 707P

PS 98
PS 99
**2-PS 98
2-PS 99**

D11E126, 135, 148, 156, 161, 184, 188, 191, 192, 195

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x18x14
**PEUGEOT
KAMYON / TRUCK
RENAULT**
PSX 112
**78 900U
182 146**

4-PS 112

D13E76, 77, 86TE, 87TE, 93TE, 94TE, 96TE, 98TE,
107TE, 109TE, 110TE

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

10x18x17
**CATERPILLAR
L-D 955**

Takım Sipariş Kodu / Set Order Code

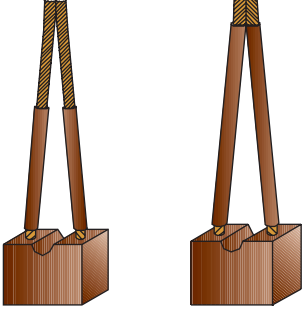
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 115-116

92 655V
182 064



PS 115

PS 116

1-PS 115
1-PS 116

D8E21, 22, L25, E27, 30, 31, 37, 41, 43, 49, 50, 54, 58-60
64, 66, 70, 71, 75-78, 81-84, 86-89, 94-98, 102,
104, 106, 108, 109, 112-115, 117-126, 129, 132
134 136, 137, 139, 140, 142, 144, 147, 151, 152,
158
D9E7, 9, 11, 12, 14-22, 26-28, 34, 35, 37, 41
D10E43, 48-50, 53, 54, 57, 63-65, 69, 76, 80, 84, 86

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

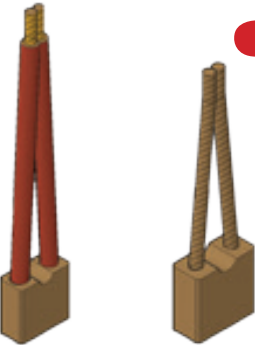
7x18x14

PEUGEOT
RENAULT

PSX 119-120

182 070
182 072

YENİ - NEW



PSX 119

PSX 120

1-PS 119
1-PS 120

D8E26,29,34,L35,E40,44-46,51,52,62,
65,L65,67,73,E74,L80,90-93,E99,103
107,111,116,130,131,141,148,154

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

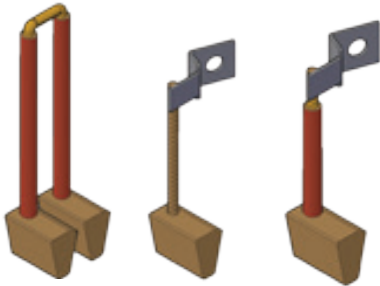
7x15x14

CITROEN BX
C15
VISA
PEUGEOT 205
RENAULT 14

PSX 122-123-124

182 073

YENİ - NEW



PSX 122

PSX 123

PSX 124

1-PS 122
1-PS 123
1-PS 124

D8E145,153,155,157

Gerilim / Voltage
(Volt)

12

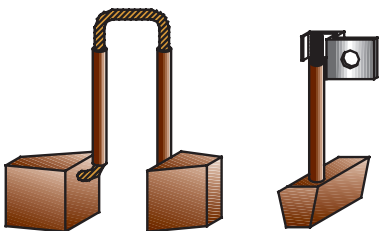
Ölçü / Dimension
(mm)

9,7/
4,2x12,4x15

ALFA ROMEO 75
90
VW GOLF
SCIROCCO
CITROEN GS

PSX 129

92 878G
182 065
594 065



PS 129 A

PS 129 B

VA 1291

1-PS 129 A
2-PS 129 B

D9E31, 40, 43-46, 49-55, 62, 74, 75, 77, 79, 85,
87, 95, 98, 100, 102, 104, 111, 131, 138, 140,
200, 238, 300, 771-774, 776, 851, 852

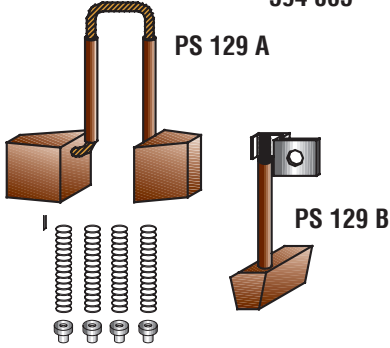
Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,6/6,1x10,3x15

RENAULT 9, 11, 19, 21
CLIO, MEGANE
VOLKSWAGEN TRANSPORTER
JETTA
PASSAT

Takım Sipariş Kodu / Set Order Code
PSX 129 S
**92 878G
182 065
594 065**

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
**1-PS 129 A
2-PS 129 B**

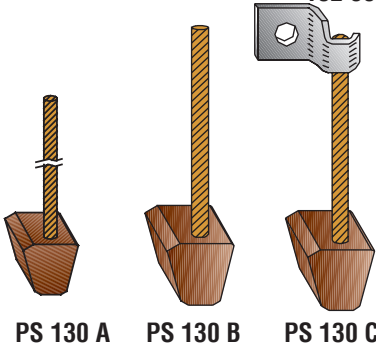
D9E31, 40, 43-46, 49-55, 62, 74, 75, 77, 79, 85, 87, 95, 98,
100, 102, 104, 111, 131, 138, 140, 200, 238, 300,
771-774, 776, 851, 852

RENAULT 9, 11, 19, 21
CLIO, MEGANE
VOLKSWAGEN
TRANSPORTER
JETTA
PASSAT

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,6/6,1x10,3x15
PSX 130
**92 883
300.687A
182 068**

**1-PS 130 A
1-PS 130 B
2-PS 130 C**

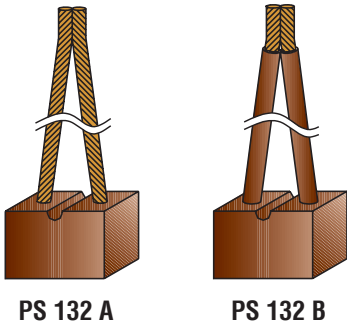
D9E32

RENAULT

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10,6/6,1x10,3x15
PSX 132
**92 925
182 118**

**2-PS 132 A
2-PS 132 B**

D11E148, 156, 161, 172, 177, 184, 187, 188, 191,
192, 195, 272

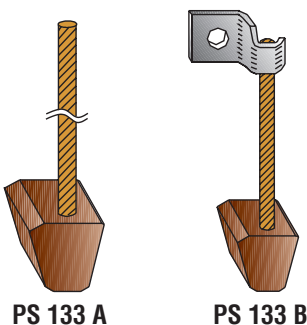
PEUGEOT 404, 504
J9 2,5KW

RENAULT 1.8 D / 2.0 D

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

10x18x14
PSX 133
**300 706Z
182 067
594 066**

**VA 1330
VA 1331**

D9E36, 38, 39, 48, 56, 57, 61, 64, 66, 68-70, 76, 78, 81-83,
86, 92-94, 101, 107-110, 113, 114, 123-125, 127,
129, 132, 136, 137, 237, 276, 278, 701, 702, 861

RENAULT 9 GTC, GTE
BROADWAY

**1-PS 133 A
1-PS 133 B**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

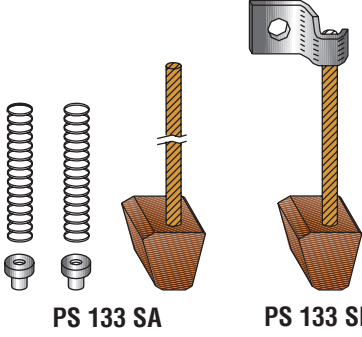
13,9/6,9x12x15

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 133 S300 706Z
182 067
594 066

PS 133 SA

PS 133 SB

1-PS 133 A
1-PS 133 BD9E36, 38, 39, 48, 56, 57, 61, 64, 66, 68-70, 76, 78, 81-83,
86, 92-94, 101, 107-110, 113, 114, 123-125, 127,
129, 132, 136, 137, 237, 276, 278, 701, 702, 862RENAULT 9 GTC, GTE
BROADWAYGerilim / Voltage
(Volt)

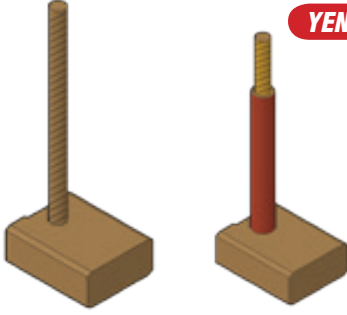
12

Ölçü / Dimension
(mm)

13,9/6,9x12x15

PSX 136-137300 841H
300 842

YENİ - NEW



PS 136

PS 137

2-PS 136
2-PS 137

D10E85,87-90,92,881,882,921,922

RENAULT 5
VOLVO 340
360Gerilim / Voltage
(Volt)

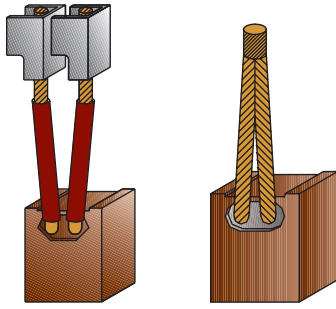
12

Ölçü / Dimension
(mm)

7x15x18,5

PSX 138-139

182 054



PS 138

PS 139

1-PS 138
1-PS 139D9R84
D9R121CITROEN BERLINGO
JUMPER
XSARA
PEUGEOT 205, 305
306, 307
405, 406
407, J5
PARTNER
SUZUKI VITARAGerilim / Voltage
(Volt)

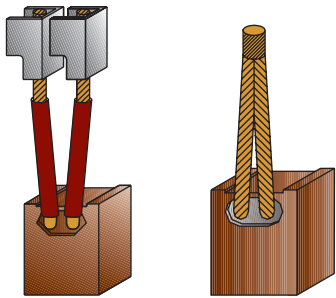
12

Ölçü / Dimension
(mm)

9x18x22

PSX 140-141

182 051



PS 140

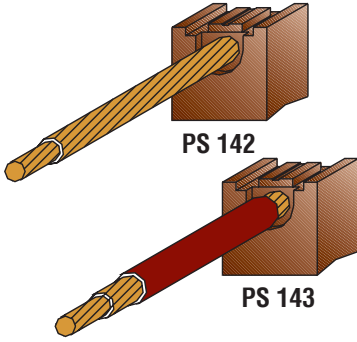
PS 141

2-PS 140
2-PS 141D9R73, 89-91, 96, 99, 105, 106, 118, 122, 126,
D9R135, 139, 142PEUGEOT
RENAULT
CITROEN
CHRYSLERGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

9x18x22

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 142-143
185 658

**2-PS 142
2-PS 143**

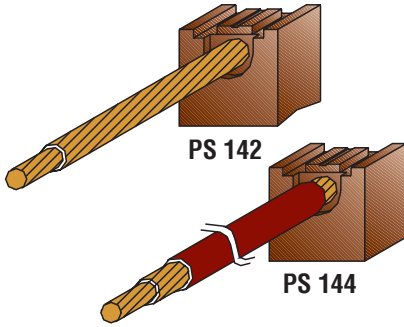
D7RS131, -31, D7RS130, -30, D7RS129, -29
RE501680, RE501693, RE502156, RE502196, RE60641,
RE63010, SE501861

HYUNDAI STAREX
PEUGEOT
CITROEN

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x14x13,7
PSX 142-144
**187 778
187 779**

**VA 1441
VA 1442**

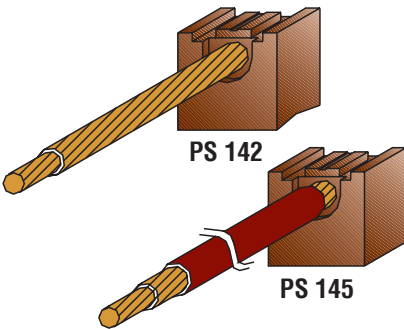
D7R5, 11, 15
D7R123, -19, -28, -281, -43, -46
D7R13, -18, -25, -35, -5
D7R1, -11, -3, -45
D7R12, -20, -27, -4
D7R22

PEUGEOT PARTNER
CITROEN
AUDI A2, A3
FORD GALAXY
SEAT ALHAMBRA,
AROSA,
CORDOBA, IBIZA,
LEON, TOLEDO,
SKODA OCTAVIA,
VOLKSWAGEN BORA,
GOLF, PASSAT,
POLO, SHARAN,
VENTO, CADDY,
TRANSPORTER
JOHN DEERE
**2-PS 142
2-PS 144**

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x14x13,7
PSX 142-145
**185 658, 187 639
188 571, 191 663**

**2-PS 142
2-PS 145**

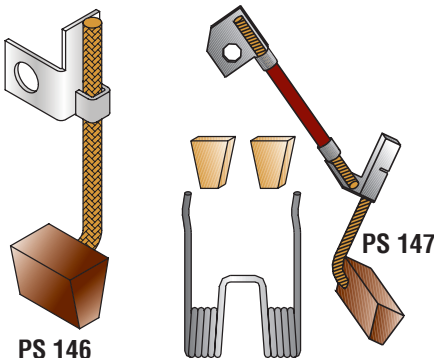
D7R VW

VOLKSWAGEN

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x14x13,7
PSX 146-147
**594 064
594 072**

**1-PS 146
1-PS 147**

184030, 184205
D6RA8,10

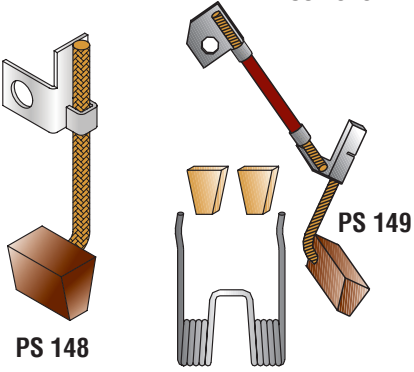
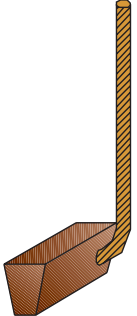
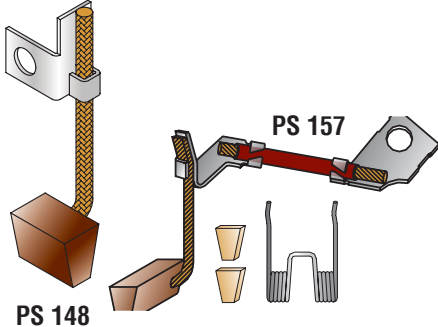
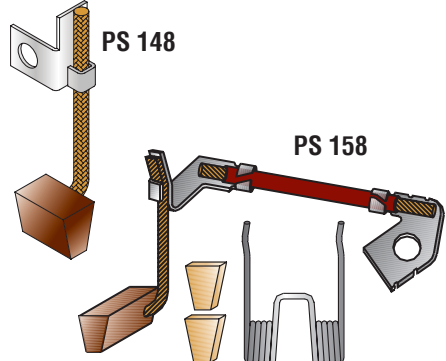
RENAULT CLIO
COUPE
MEGANE
CABRIOLET
SCENIC

Gerilim / Voltage
(Volt)

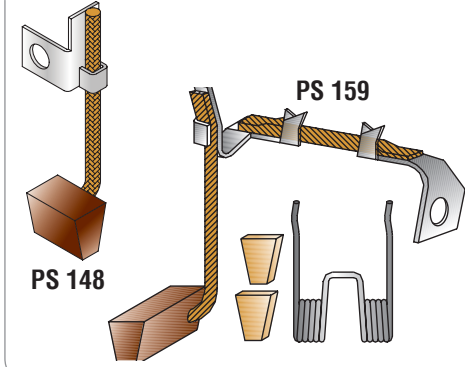
12

Ölçü / Dimension
(mm)

4,5/9x11x14

Takım Sipariş Kodu / Set Order Code	Özellikler / Properties	Motor Numarası / Unit No.	Araç Modeli / Vehicle Model
<p>PSX 148-149 594 060 594 070</p>  <p>PS 148 PS 149</p>	<p>VA 1480 VA 1491</p> <p>1-PS 148 1-PS 149</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 4,5/9x11x18</p>	<p>182505, 551 183199, 212 184413, 470, 471 185310, 874</p>	<p>PEUGEOT KARSAN BOXER PARTNER RENAULT MEGANE CABRIOLET SCENIC COUPE</p>
<p>PSX 148-149/0 594 063</p> 	<p>VA 1572</p> <p>1-PS 148/0 1-PS 149/0</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 4,5/9x11x18</p>	<p>D6RA12, D6RA13, D6RA16, D6RA17, D6RA18, D6RA19 D6RA20, D6RA21, D6RA22, D6RA23, D6RA27, D6RA29 D6RA30, D6RA32, D6RA33, D6RA34, D6RA37, D6RA38 D6RA40, D6RA45, D6RA48, D6RA5, D6RA6, D6RA61 D6RA661</p>	<p>VOLKSWAGEN PEUGEOT</p>
<p>PSX 148-157 594 063,127,254 594 129,130,253</p>  <p>PS 148 PS 157</p>	<p>VA 1480 VA 1571</p> <p>1-PS 148 1-PS 157</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 4,5/9x11x18</p>	<p>183450, 940 184231, 348, 456, 457, 550, 646, 727, 880, 881, 185243-246, 597, 690, 722, 740-742, 758, 850 186045, 140, 214, 215, 269, 276, 424, 441, 442, 476, 625, 626, 708, 887 187027, 259, 332, 515 188339 D6RA7, 13, 15, 17, 19, 21-23, 25-30, 32, 34, 39-44, 46, 48-50 D6RA52-56, 59, 60, 62, 63, 66, 70, 72, 75, 141, 161, 661, 721</p>	<p>OPEL ASTRA CORSA VOLVO RENAULT</p>
<p>PSX 148-158 594 169-386 594 132-385</p>  <p>PS 148 PS 158</p>	<p>VA 1480 VA 1581</p> <p>1-PS 148 1-PS 158</p> <p>Gerilim / Voltage (Volt) 12</p> <p>Ölçü / Dimension (mm) 4,5/9x11x18</p>	<p>182549 185547, 722 186060, 502, 848, 886 187026 188401, 564 190549 D6 RA33, 37 47, 51, 57, ?, 133, 571</p>	<p>RENAULT MEGANE D</p>

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
PSX 148-159

 594 317,360
594 318,323,359,364

**VA 1480
VA 1591**

 1875047, 507, 509
188102, 103, 652-654
190652
D6 RA67, 78-81, 91, 167, 180, 181

**OPEL
RENAULT**
**1-PS 148
1-PS 159**

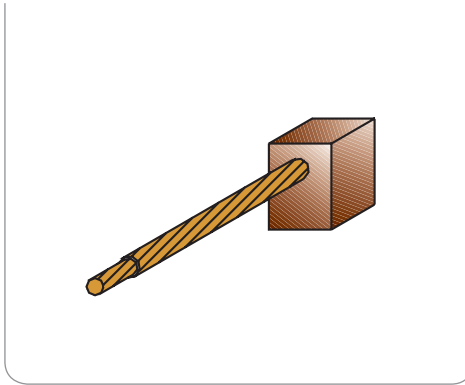
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

4,5/9x11x18
PSX 155

594 351


VA 1551

 187682
188063, 329, 707
190080, 166, 167, 227, 229
D7E4, 6, 8, 15, 18-20, 22, 27
D7ED28

RENAULT CLIO
TWINGO
KANGOO
CITROEN SAXO
XSARA
PEUGEOT BERLINGO
MERCEDES A140, A160
VOLKSWAGEN
4-PS 155

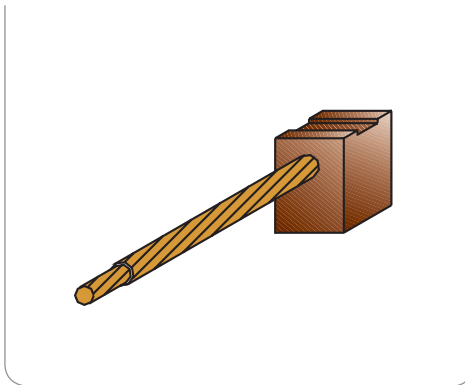
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,4x8x11
PSX 156

594 381


4-PS 156

 188279, 190172, 190396
D7ES2, 4, 5

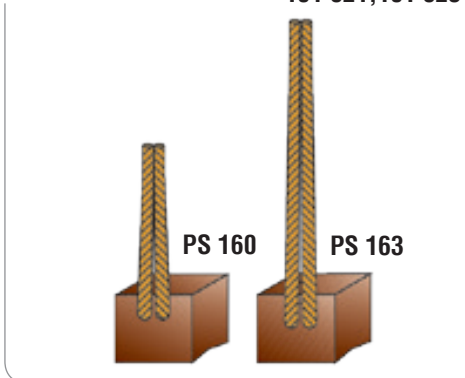
**PEUGEOT
VOLKSWAGEN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,4x8x11
PSX 160-163

 190 986,191 060
191 821,191 823

**2-PS 160
2-PS 163**

 190365
D7G 3, 4, 6

AUDI
BMW
OPEL MERIVA
RENAULT MASTER
PEUGEOT

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

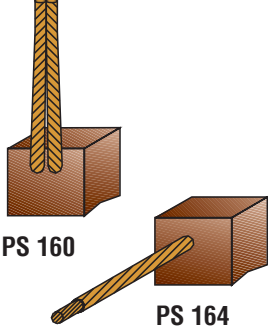
7x13x11,5

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 160-164190 986,191 060
191 821,191 823

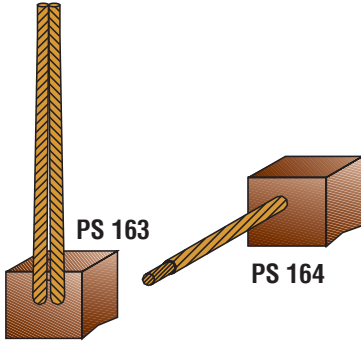
VA 1641

190365
D7G 3, 4, 6
23300-00QAF
7711134330, 7711134931, 8200106788, 82006346022-PS 160
2-PS 164AUDI
BMW
RENAULT MASTER
PSA
OPEL MOVANO
NISSAN, INFINITI
RENAULTGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x11,5

PSX 163-164190 987
191 824

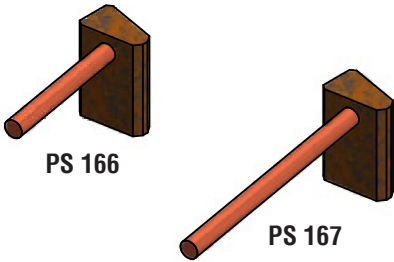
VA 1642

D7G
SIH2-PS 163
2-PS 164VOLKSWAGEN
CADDY
TRANSPORTER T.5Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x13x11,5

PSX 166-167191 849
191 771VA 1671
VA 1672

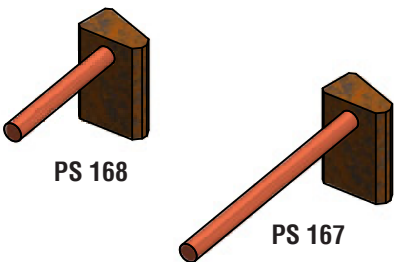
D6G1, 2, 3, 5

2-PS 166
2-PS 167BMW
MERCEDES
FIAT ALBEA MULTIJET
PEUGEOT 206, 307Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

PSX 168-167192 285
191 7712-PS 168
2-PS 167

D6GSP19

VOLKSWAGEN
AUDIGerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

Takım Sipariş Kodu / Set Order Code

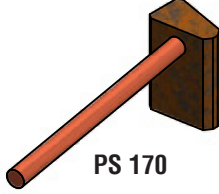
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

PSX 169-170191 772
191 773

PS 169



PS 170

2-PS 169
2-PS 170Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

3,9/6,4x10x15,5

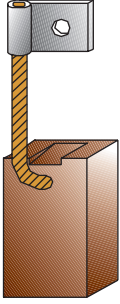
D6GS11-13

AUDI A3
SEAT IBIZA
LEON
TOLEDO
VOLKSWAGEN
GOLF
JETTA
PASSAT
POLO
TOURAN
TRANSPORTER
SKODA OCTAVIA



ALTERNATÖR KÖMÜRLERİ

ALTERNATOR BRUSHES

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BX 19
1 107 014 103

2-B 19

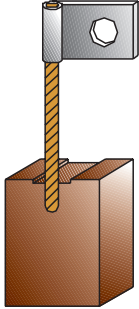
0 101 206 037
352 005, 008
354 023
355 040
1 004 320 016

**OPEL
BMW
FORD
SKODA**

Gerilim / Voltage
(Volt)

6/12

Ölçü / Dimension
(mm)

6x14x23,5
BX 59
1 107 014 125

2-B 59

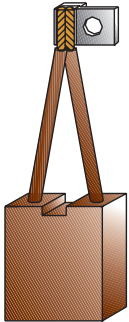
0 101 100 015
0 101 200 034
201 020-23, 25, 28
202 010, 16, 22, 23
203 002, 03, 05-09
204 014
205 009-12, 14, 16, 19
206 007, 09, 13, 14, 18, 24-27, 29, 30, 32-35, 37, 38, 43
044, 47, 50, 52-54, 57-68, 070-76, 79, 81-84, 86-91
096, 98-110, 113, 115-117, 119, 120, 122, 123, 125
132-141, 145-152, 157,
207 005, 09-11, 13-15, 18
208 002, 03, 05, 07-11
209 002, 03, 07-09, 14, 18, 21-23, 25-29, 31, 33, 36-41
43-47, 60, 64, 65, 67-69
352 005, 08
354 023
355 040
0 136 200 007

FORD TAUNUS
TRANSIT
OPEL

Gerilim / Voltage
(Volt)

6

Ölçü / Dimension
(mm)

6x14x19
BX 67
1 107 014 116

2-B 67

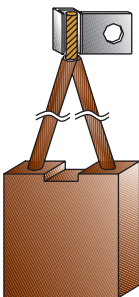
0 101 353 005, 012, 014, 022, 025, 029, 037
0 101 401 010, 015
0 101 402 001, 002, 008, 028, 031, 043, 047, 049
050, 055-057, 060, 064, 067, 071, 072
076, 078, 086, 090, 106
0 101 404 016, 019, 020, 023, 026

**MAN
MERCEDES
STEYR** 300

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

6x22x22,5
BX 68
1 107 014 118

4-B 68

0 101 206 135, 157
0 101 209 031, 033, 037, 041
0 101 500 001, 5, 6, 15, 18, 21, 23, 27
0 101 501 001, 2, 9, 15, 21, 27-29, 36, 39, 51, 55, 62-66
0 101 502 001
0 101 206 151
0 101 500 006, 11, 13, 25, 27, 29
2 104 320 107

**VOLVO
BÜSSING
SCANIA** VABIS 600

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

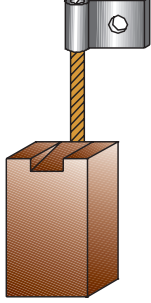
6x28x30,5

Takım Sipariş Kodu / Set Order Code

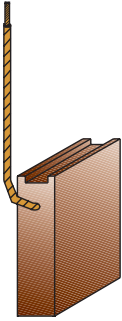
Özellikler
Properties

Motor Numarası / Unit No.

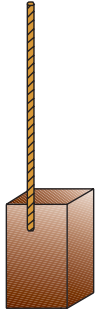
Araç Modeli/Vehicle Model

BX 1472 017 014 100
2 017 014 105**4-B 147**0 010 300 001-4, 6, 13, 100, 101
0 010 350 003-7, 9, 11-20, 100-106
0 101 350 004
0 136 351 006TRABANT
MOTO GUZZIGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x14x23,5****BX 151**

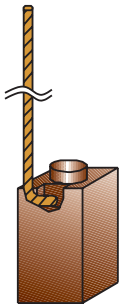
1 127 014 000

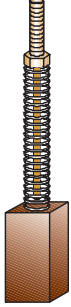
**2-B 151**0 120 400 507, 10, 17, 19, 22-24, 26, 29-31
533-37, 40MAN
MAGIRUSGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**10x5x18****BX 162**

1 127 014 001

**2-B 162**0 120 400 600-6, 8, 9, 11, 14, 15, 20-31, 34
635, 37, 43, 44, 47-50, 52-63, 71
672, 75, 77-82, 86, 87, 92, 93
700, 2, 3, 9-14, 16, 17, 19, 21
726-31, 36, 52, 53, 56, 57, 64, 65
765-77, 86, 87, 89, 92-95
800, 1, 2, 23, 47, 48, 70, 71, 93-96
920, 34, 40ALFA ROMEO
AUDI
BMW
MERCEDES
FORD
VOLVO KAMYON/TRUCKGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**10x5x17****BX 172**

1 127 014 011

**2-B 172**0 120 300 510...592
0 120 339 539,
0 120 400 669, 70
0 120 400 704-07...
0 120 400 806-11...926-43
0 120 450 003, 4, 7
0 120 489 059...999
9 120 143 000-003...34
9 120 143 201-4, 18, 22, 23, 25
9 120 144 002...040
9 120 144 218...298
9 120 144 303, 11AUDI
BMW
MERCEDES
J. DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCKGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x15,5**

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BX 175
**2 127 014 003
2 127 014 005**

2-B 175

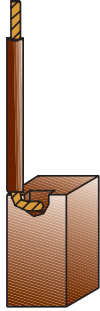
 0 120 600 515, 21, 25, 27, 38-40, 43, 44, 54
554, 58-71, 73-81
0 121 600 503, 7, 9, 11-16, 18-20

MERCEDES 302

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

10x5x22
BX 185
1 127 014 011

2-B 185

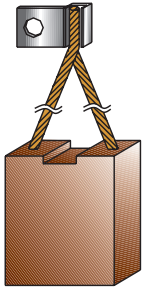
 0 120 300 510...592
0 120 339 539
0 120 400 669...843
0 120 450 003, 4, 7
0 120 489 059...999
9 120 143 000-003...225
9 120 144 002...040
9 120 144 218-20...98
9 120 144 303, 11

**AUDI
BMW
MERCEDES
J.DEERE
FORD
MAGIRUS
VOLVO KAMYON/TRUCK**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x15,5
BX 192
2 107 014 012

2-B 192

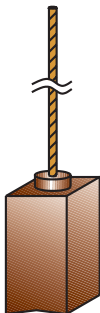
 0 101 209 060, 65, 68
301 010
302 022, 25, 27, 29, 35, 39, 44, 56, 84, 105, 111
0 101 601 003, 5 21, 22, 24, 73, 92, 93, 96, 98, 100
102-104, 106, 114, 116, 118-120, 122, 126
128, 130, 140, 142, 148, 149, 160, 166, 168
171-179, 186, 189-191, 194, 195
0 101 690 004

**MAGIRUS
HENSCHEL OTOBÜS/BUS**

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x28x33,5
BX 199
1 127 014 015

2-B 199

 0 120 400 665
725, 60-63, 84
829
0 120 489 793, 94, 96
9 120 144 006-8, 101-5, 107, 109, 110

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x15,5

Takım Sipariş Kodu / Set Order Code

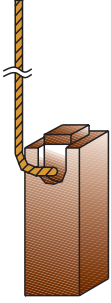
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 201

1 127 014 016



2-B 201

Gerilim / Voltage
(Volt)

12

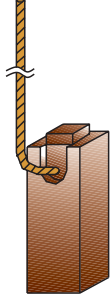
Ölçü / Dimension
(mm)

8x5x23,2

MAGIRUS
SCANIA
MERCEDES KAMYON / TRUCK
IVECO

BX 202

1 127 014 013
1 127 014 017
1 127 014 020



2-B 202

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

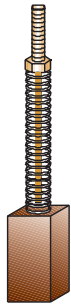
8x5x19,5

1 124 320 046/054
0 120 400 944, 45, 47-54
0 120 450 001, 2, 10-29
0 120 469 580, 691, 752, 53, 73, 850, 51
0 120 484 045, 46
0 120 489 034, 658, 709, 891, 900, 995
9 120 144 124, 125, 130, 133

MERCEDES KAMYON / TRUCK
IHC
MAGIRUS
MAN
SAAB
SCANIA
IVECO
VOLKSWAGEN
VOLVO KAMYON / TRUCK
FORD KAMYON / TRUCK
DAF

BX 203

2 127 014 003
2 127 014 005



2-B 203

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

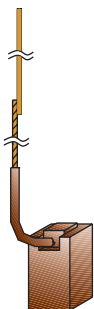
10x5x22

0 120 600 515, 21, 25, 27, 38-40, 43, 44, 54
554, 58-71, 73-81
0 121 600 503, 7, 9, 11-16, 18-20

MERCEDES 302, 303
SETRA
MAN

BX 204

1 127 014 022
1 127 014 018
1 127 014 023
1 127 014 025
1 127 014 029
1 127 014 030



2-B 204

Gerilim / Voltage
(Volt)

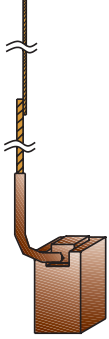
12

Ölçü / Dimension
(mm)

8x5x19,5

0 120 339 547...
450 030, 031
0 120 468 001-147, 149, 154, 155, 159-162, 999
469 001...999
484 001-027, 035, 040, 041, 050, 051
488 000-012...316
489 002-018...997
9 120 080 129, 135
143 018, 019
144 111-123...636
9 120 335 003
9 120 690 095, 098, 150, 152, 154
9 121 337 079

MERCEDES 190, 200
BMW
CITROEN BX
OPEL
VOLVO
PEUGEOT
ALFA ROMEO
AUDI
FORD
FIAT
JAGUAR XJ

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
BX 209
1 127 014 021

2-B 209

0 120 339 502-506, 509-526, 527, 528, 531-538, 543-546
400 938, 939, 941, 942
450 009
469 500-507...574
489 001...888Z
9 120 143 035, 036, 205-210, 212, 214, 215, 224, 227-229
144 016...238
334 140
690 006, 007, 012-015, 020, 021, 025, 081, 082

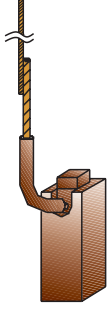
 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x15,5
MERCEDES

KAMYON / TRUCK
FIAT TRAKTÖR / TRACTOR
SAAB
J.DEER
MAN

BX 213
1 127 014 028

2-B 213

0 120 335 006-008, 010-012
465 003, 004, 006-018, 020, 021, 023, 026-029, 031
485 005-008...050
0 123 100 001... 0 123 545 004
0 124 515 503

 Gerilim / Voltage
(Volt)

12/24

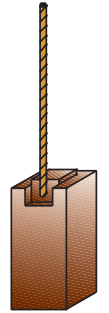
 Ölçü / Dimension
(mm)

6x4x17,5
VOLKSWAGEN

PASSAT, POLO
GOLF, SHARAN
VENTO CADDY
TRANSPORTER
TOLEDO
IBIZA, CORDOBA
CORSA

SEAT

OPEL
VOLVO
BMW
MERCEDES
PEUGEOT

BX 214
1 127 014 024

2-B 214

0 120 489 293, 309, 475, 481

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x17,5
MERCEDES

FORD
IVECO
MAN KAMYON / TRUCK
OTOBÜS/ BUS

SAAB

FIAT TRAKTÖR / TRACTOR
PEUGEOT KAMYON / TRUCK
VOLKSWAGEN
KAMYON / TRUCK
LEYLAND KAMYON /TRUCK

BX 215
1 127 014 016
1 127 014 026
1 127 014 027

2-B 215

0 120 469 710
689 502-08, 10-18, 20-28
530-35, 38-41, 43, 45, 46
548-53, 55, 57-59, 61, 63
564, 67, 69, 71-77, 82-85

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x5x24,2
LEYLAND

KAMYON / TRUCK
MERCEDES
KAMYON / TRUCK
MAN

Takım Sipariş Kodu / Set Order Code

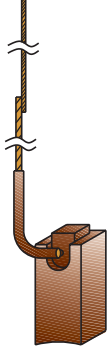
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BX 219

1 127 014 031

**2-B 219**0 120 469 847, 848
0 120 488 206, 294**BMW** 5, 6, 7
FIAT TEMPRA, TIPO
LANCIA DEDRAGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x17,5****BX 220****2-B 220**0 124 215 001-006, 008
225 001...047
315 001-008, 010-016, 018-022, 024-027, 030
325 001...125
0 124 415 001, 002, 005-016, 023, 025, 026, 028, 030, 032, 033
425 004, 006, 009, 010, 019, 021, 022
515 001...121
525 001...058,
555 001-008, 012-016, 020, 024, 027, 035
615 002...035
625 005, 007, 018
655 001, 002, 004-008, 012, 013, 016**FIAT** PALIOGerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6x4x17,5**

F 000 LD0 700

Takım Sipariş Kodu / Set Order Code

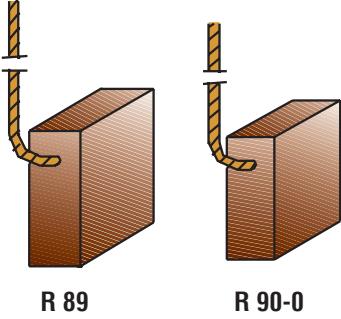
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

RX 89-90-0

1 958197



R 89

R 90-0

 1-R 89/0
1-R 90/0

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

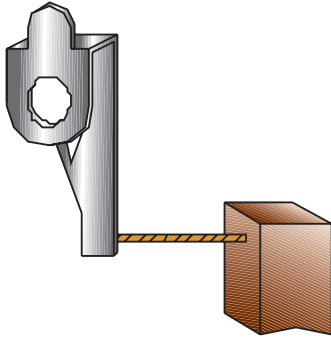
8x5x13,2

1100600-68

CHEVROLET

RX 103

1 971 521



2-R 103

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

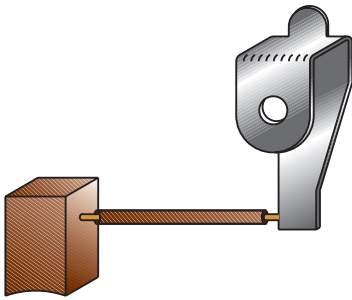
8x5x13,2

10 SI, 27SI

 OPEL
PONTIAC
CHEVROLET

RX 103 F

DR 702



2-R 103 F

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

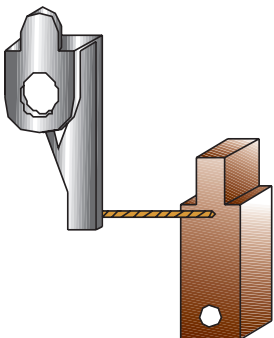
8x5x13,2

 34 72 002, 4, 8, 14, 18, 22-24, 26-28, 32, 33
035, 37, 38, 42, 48-53, 57-62, 65-68

OPEL

RX 106

187 6873



2-R106

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x5x24

27 SI 200

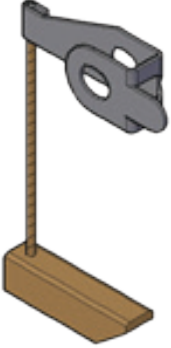
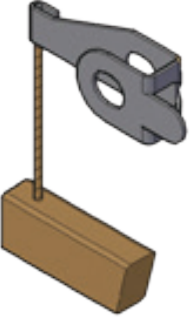
CHEVROLET

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

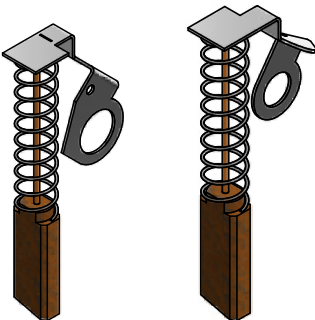
RX 1171995564
10467935
1894564**YENİ - NEW****2-R117**10 SI 116,136
15 SI 116
1105586
1117839, 7880, 7885, 7886, 7887, 7890Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6x5x22**CATERPILLAR
FORD CUMMINS
MACK
VOLVO**RX 119****YENİ - NEW****2-R119**

15 SI - 17 SI all units

Gerilim / Voltage
(Volt)Ölçü / Dimension
(mm)**8x5x21**BUICK
CHEVROLET
GMC
OLDSMOBILE
PONTIAC
CADILLAC**RX 132-133**1989661
1989660**YENİ - NEW**

RX 132

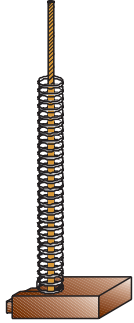
RX 133

**1-R132
1-R133**CS 121,130
1101196,1199,1551
3472171Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x22,5**OPEL CORSA
KADETT
VECTRA
RECORD
OMEGA
RENAULT**RX 140-141****YENİ - NEW**

RX 140

RX 141

**1-R140
1-R141**CS 130D
10479214,15
10479981,84
10480052,71,187-190Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x4,5x22**OPEL
CHEVROLET
SAAB
VAUXHALL

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
A 125
7 970 745/1

2-A 125

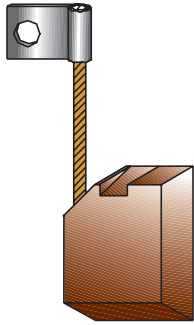
 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7,2x4,2x17,5

 633 200 01-08, 10, 12, 13, 15-18, 20-32, 34, 35, 37, 40
42, 44-58, 60, 63, 73, 82, 83, 91, 94, 96, 97
201 00 02, 05, 10-14, 18, 19, 21, 22, 26-32
210 00 11, 13, 15-17, 19-25, 27-29, 31, 33, 35-37
39-42, 44-50, 52, 55, 56, 58-63, 67, 68, 70-73
77-80, 82-84, 86-88, 90, 91, 95-99
211 00 14, 16, 17, 23, 26, 29, 36-38, 41, 46, 49-59
61-63, 65, 67-76, 80, 81, 83, 88-91, 96-99

FIAT
TÜRK TRAKTÖR
FORD
ANADOL
OTOKAR MAGIRUS
OTOYOL IVECO
RENAULT
BMC
LEYLAND
M. FERGUSON
JX 16
4 042 681

2-J 16

 Gerilim / Voltage
(Volt)

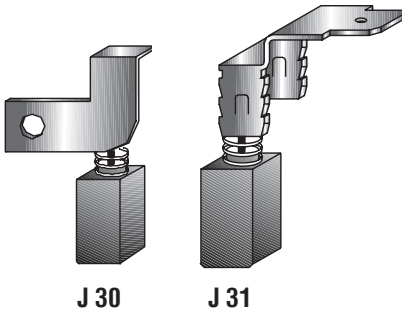
12

 Ölçü / Dimension
(mm)

7x19x26

D115/12, 4158027, 4153104, 407539

FIAT 1800, 2100
 TRAKTÖR / TRACTOR

JX 30-31
4 190 088
4 190 090

J 30
J 31
1-J 30
1-J 31

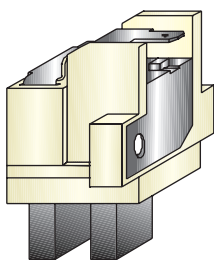
 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x16/14,5

 633 030 00, 01, 30, 41, 61
 633 031 20, 30, 40, 50, 91
 633 032 00, 13, 20, 22, 23, 40, 80, 82, 90
 633 033 20, 31, 50, 60, 80, 91
 633 034 00, 09, 20, 29
 633 035 00, 20, 30, 50, 70
 633 040 03, 20, 23, 40, 50, 75, 79, 81-83, 87, 90
 633 041 00, 20
 633 042 01, 21, 31
 633 048 00, 30, 40, 70, 80, 90

CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT
JX 30-31 S
749 904 31

1-J 30-31 S

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

8x5x16,5/14,5

 A12M-124-12-42/-42B/-42M/-42X/-47/-57B
 A12M-124-24-26/-26D/-26M
 A124-14V-44A/-60A
 A124-28V-26A
 633 030 00, 01, 30, 41, 61
 633 031 20, 30, 40, 50, 91
 633 032 00, 13, 20, 22, 23, 40, 80, 82, 90
 633 033 20, 31, 50, 60, 80, 91
 633 034 00, 09, 20, 29
 633 035 00, 20, 30, 50, 70
 633 040 03, 20, 23, 40, 50, 75, 79, 81-83, 87, 90
 633 041 00, 20
 633 042 01, 21, 31
 633 048 00, 30, 40, 70, 80, 90

CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT

Takım Sipariş Kodu / Set Order Code

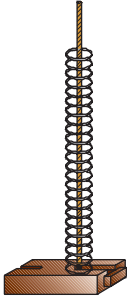
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JX 427970502.1
7970745.1**2-J 42**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**7,2x4,2x17/16,5**633 200 01-08, 10, 12, 13, 15-18, 20-32, 34, 35, 37, 40, 42
633 200 44-58, 60, 63, 73, 82, 83, 91, 94, 96, 97
633 201 00, 02, 05, 10-14, 18, 19, 21, 22, 26-32
633 210 00-11, 13, 15-17, 19-25, 27-29, 31, 33, 35-37
633 210 39-42, 44-50, 52, 55, 56, 58-63, 67, 68, 70-73
633 210 77-80, 82-84, 86-88, 90, 91, 95-99
633 211 00-14, 16, 17, 23, 26, 29, 36-38, 41, 46, 49-59
633 210 61-63, 65, 67-76, 80, 81, 83, 88-91, 96-99FIAT PANDA
LANCIA**JX 43**

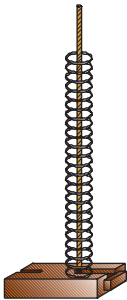
542 029 06

**2-J 43**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x4x22/20**540 220, 221-226
540 227 06
632 212, 213 13, 97
632 214 05, 06, 12
633 241 45, 57, 58, 61, 88, 98, 99
633 242 00...
633 243 08...
633 244 00, 02-04, 06-09, 11, 18

FORD SIERRA

JX 44

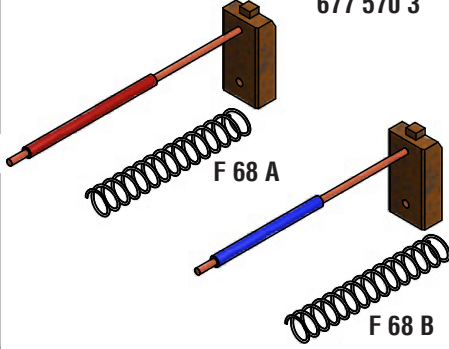
836 225 20

**2-J 44**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x4x19/17,5**633 212 00, 04, 05, 33-35, 40, 52, 61, 70, 75-78, 80-83, 87, 92
633 213 00, 10, 11, 15, 16, 21, 28, 30-33, 40, 43-47, 49, 51-55,
61, 62, 67, 90, 91, 96, 98
633 214 01, 02, 18, 19, 23, 26, 31, 53, 61, 62, 65, 66, 73
633 216 00-13, 15-18, 20, 25, 26, 29-32, 40, 41, 55, 60, 61,
63, 71
633 412 40
633 413 21, 33, 43-47, 51-54
633 414 66
633 416 41, 71

FIAT LANCIA

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
FX 67
**F1DU-10260-AA
F1DZ-10347-A**
YENİ - NEW

2-F 67
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
7,5x4x18
FORD RANGER
MONDEO
MAZDA B2500
LINCOLN MERCURY

FX 68
**502 680 6
677 569 9
677 570 3**

FO 0681
**1S7T1-10300-BA, BC, CB, CC, CD, DB, DC, DD
2S6T-10300-AA, FA
2T1U-10300-AF, AG, CA, CB
3S6T-10300-AA
TC10-10300-EA
YC1U-10300-EA**
**1-F 68 A
1-F 68 B**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8,2x4,5x17,3
FORD CONNECT
FOCUS
FIESTA

Takım Sipariş Kodu / Set Order Code

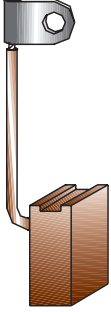
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 12

L119N-1361



2-JAA 12

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

8x6x19

DATSUN
SUNNY
DAIHATSU

JAAX 19

L 123-1326
L 125-1326



2-JAA 19

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

6x7x16,5

NISSAN SUNNY B10
DATSUN BLUEBIRD
410, D. BUS
FORKLIFT H20- PU

JAAX 20

L120-5326/
5327



2-JAA 20

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

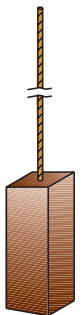
7x5x18/16,5

LR135105, 35106, 35107, 35115, 35116, 35121, 35126
35127, 3531, 3532, 3541B, 3558, 3574, 3586B, 3591
40128, 40132, 40133, 40408, 40415B, 45701, 45701E
50101B, 50125B, 50132, 50151, 50151B, 50401
50410CA, 50419B, 50421, 50423, 50428, 50430C
50431, 50432, 50434B, 50441, 50444B, 5098B, 5099
5516B, 5516P, 5520, 5523, 60104, 60121, 60124, 60138
60139, 60151, 60154, 60159, 60412, 60422B, 60427C
60427T, 6042B, 60440, 60441, 60708, 60710, 6082
6082B, 6084, 6084B, 6093, 65708, 65708B, 65708C
7002, 7010, 7021, 70402B, 70402C, 70402E, 70404B
70405, 70407T, 70411, 70412T, 70417C, 70419, 70419B
70420, 70420B, 70421, 70710B, 70738, 70738B
70738C, 70738E, 70744, 80705B, 80708, 80724, 90706
90707B, 90711
LR22026, 25403, 25407, 25408, 25408B, 2565B, 2565E
2565P, 35402

DATSUN
NISSAN

JAAX 32

L150-23251
23252



2-JAA 32

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5x7x21,5/20,5

LR140119C, 40125C, 40402, 50133E, 50135E, 50136B
50136C, 50136E, 50147C, 50148C, 50162, 50193
50199, 50201, 50201B, 50202, 50204, 50205B
50206, 50211B, 50212, 50212B, 50218, 50402
50402C, 50410C, 50410F, 50428E, 50428T, 50430T
50439, 50439B, 5079H, 5098, 60107B, 60108B
60131, 60134B, 60135B, 60137, 60143B, 60144
60146B, 60147F, 60148F, 60152F, 60164, 60401
60401C, 60412B, 60414, 60417, 6067B, 6067E
6067H, 60715, 6092C, 6096B, 6096C, 65704, 65707
65707B, 7022, 70402, 70404, 70406, 70406B, 70406C
70407, 70407E, 70408, 70408C, 70408T, 70411B
70415B, 70415C, 70417B, 70422, 70422B, 70701B
70715, 70715B, 70734B
LR22586B, 3565S, 3580

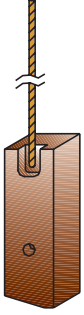
ISUZU
MAZDA

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAA X 37L170-2325
L170-4325**2-JAA 37**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x26,5/25****MAZDA
NISSAN**

Takım Sipariş Kodu / Set Order Code

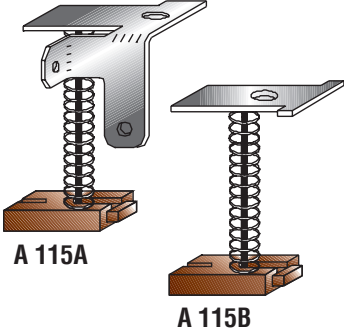
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

A 115

542 034 53
542 040 29



1-A 115A
1-A 115B

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

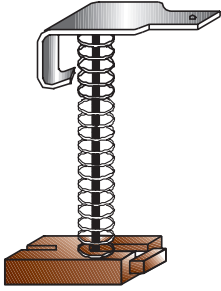
7x4x22/20

23983-86, 96-99
24020, 23-28, 34-38, 49, 51-54, 58, 59, 61-72, 79, 82, 83
85-90, 94-96, 98, 99
24112, 14-19, 28, 31-37, 44, 47, 49, 51, 53, 64-66, 70
77-85, 89-92
24204, 10, 11, 37

BMC
LEYLAND, GENOTO
CHRYSLER TRAKTÖR/
TRACTOR
KAMYON/TRUCK
FORD TRANSIT KAMYONET
RENAULT
FIAT
TÜMOSAN
LUCAS
TÜRK TRAKTÖR / TRACTOR
UNIVERSAL
TRACTOR / TRACTOR
UZEL

A 127

542 029 06



2-A 127

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

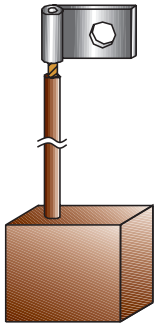
7x4x20

540 220 53, 54, 57, 58
221 30, 42, 47, 48, 60, 64, 67, 83, 86-88, 95-98
222 00, 12, 19, 24-28, 32, 34, 36, 38, 41-43, 51, 62, 64-66, 75, 80
81, 86, 90, 91, 95
223 01, 07, 10, 13, 14, 17, 18, 22, 23, 30, 35-37, 40, 42, 48, 49
53, 74, 75, 77-79, 82-85, 88-92, 94, 95, 97, 98
224 02, 08, 10, 15, 18-20, 25, 26, 28, 31, 32, 36, 37, 39, 45-47
50, 52, 58, 59, 74, 81, 83, 95
225 10, 14, 17, 25, 28-32, 36, 52, 54, 55, 60, 61, 64, 67, 70, 72
74, 75, 78, 80-86, 88-93, 95-99
226 00-04, 08, 11, 17, 21-39, 41, 43, 46-56, 62-65, 68, 69, 73-84
86, 87, 89, 90, 92-96, 98
227 06
633 241 45, 57, 58, 61, 88, 98, 99
242 00, 02, 05, 06, 08, 09, 16, 17, 20, 21, 30, 31, 33, 35, 40, 42, 45
56, 57, 60, 62, 64, 71, 73, 74, 76, 77, 86, 88-91, 93-96, 98, 99
243 08, 11, 16, 18, 22, 27, 32, 34, 38, 74, 80, 84, 85, 87, 90, 98, 99
244 00, 02-04, 06-09, 11, 18

BMC LEVEND
MİNİBUS / VAN,
KAMYONET/ TRUCK
NISSANHD
FATİH KAMYON / TRUCK
FORD ESCORT, TRANSIT

LAX 9

227 305



2-LA 9

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

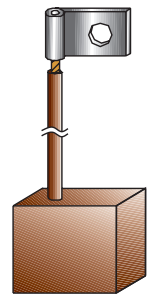
6,35x19,05x15,9

C39P, PV, V, ZV, XV

AUSTIN
BEDFORD
BMC
FORDSON
TRAKTÖR / TRACTOR

LAX 23

227 541



2-LA 23

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

5,5x19,05x18,2

C40PV, -1
22700, 3-5, 13, 15, 16, 18, 19, 32, 33, 35, 42, 44, 47-49
55, 57, 63, 65-67, 71, 72, 75, 79, 80, 85-91

M.FERGUSON
COMMER
ANADOL

Takım Sipariş Kodu / Set Order Code

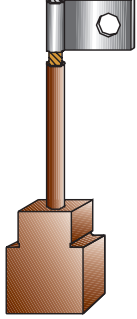
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LAX 29

542 163 61


2-LA 29

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

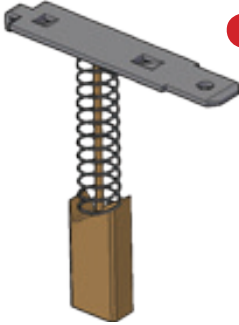
5,5x17,4x23

 C40-T, 22762
22756, 58, 61, 62, 64, 69, 83, 92

FORDSON 2000-3000-5000
TRAKTÖR / TRACTOR

LAX 30

 54215076
ULB 109
54214363

YENİ - NEW

2-LA 30

 Gerilim / Voltage
(Volt)

12

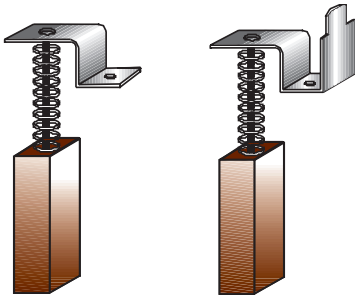
 Ölçü / Dimension
(mm)

7,9x4,6x17,9

 10AC, 11AC
23504, 07, 17-19, 21-30, 32-41, 43, 49, 51,
53, 58, 77, 78, 88
23601
23710

LAX 31-32

542 193 68



LA 31

LA 32

**1-LA 31
1-LA 32**

 Gerilim / Voltage
(Volt)

12

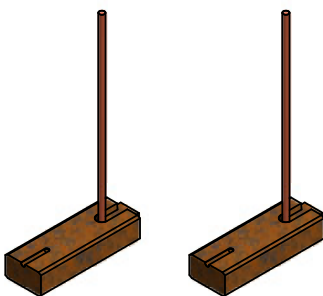
 Ölçü / Dimension
(mm)

4,6x4,6x12,7

 23562, 63, 65-70, 72, 73, 75, 76, 81-85, 89-93, 97-99
23600, 2-6, 9-20, 22-27, 29-32, 34-56, 58-68, 73-80
82, 85-87, 90-99
23700-9, 11-19, 21-23-31, 34-43, 45-48, 50-71
73-86, 93-99
23800-20, 22-28, 30-33, 35, 37-57, 59-65, 67-69
71-74, 76-86, 88-99
23900-58, 61-64, 67, 68, 72-74, 80, 87-95
24012-19, 22, 29-33, 44, 45, 48, 73
24103, 8, 39, 40

**FORD
BEDFORD
JAGUAR
ROVER**
LAX 80-81/0

606 007 80



LA 80

LA 81/0

**1-LA 80/0
1-LA 81/0**

 Gerilim / Voltage
(Volt)

12

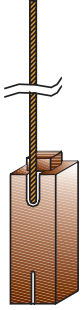
 Ölçü / Dimension
(mm)

7x4x22/20

 23983-86, 96-99
24020, 23-28, 34-38, 49, 51-54, 58, 59, 61-72
79, 82, 83, 85-90, 94-96, 98, 99
24112, 14-19, 28, 31-37, 44, 47, 49, 51, 53
64-66, 70, 77-85, 89-92
24204, 10, 11, 37
A115/133

**BMC
LEYLAND GENOTO
CHRYSLER TRAKTÖR/
TRACTOR
KAMYON/TRUCK
FORD TRANSIT KAMYONET
RENAULT
FIAT
TÜMOSAN
LUCAS
TÜRK TRAKTÖR
UNIVERSAL
TRACTOR / TRACTOR
UZEL**

Takım Sipariş Kodu / Set Order Code

LAX 82**542 029 06**Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-LA 82Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7x4x22/20**

540 220 53, 54, 57, 58
 221 30, 42, 47, 48, 60, 64, 67, 83, 86-88, 95-98
 222 00, 12, 19, 24-28, 32, 34, 36, 38, 41-43, 51, 62, 64-66, 75, 80
 81, 86, 90, 91, 95
 223 01, 07, 10, 13, 14, 17, 18, 22, 23, 30, 35-37, 40, 42, 48, 49
 53, 74, 75, 77-79, 82-85, 88-92, 94, 95, 97, 98
 224 02, 08, 10, 15, 18-20, 25, 26, 28, 31, 32, 36, 37, 39, 45-47
 50, 52, 58, 59, 74, 81, 83, 95
 225 10, 14, 17, 25, 28-32, 36, 52, 54, 55, 60, 61, 64, 67, 70, 72
 74, 75, 78, 80-86, 88-93, 95-99
 226 00-04, 08, 11, 17, 21-39, 41, 43, 46-56, 62-65, 68, 69, 73-84
 86, 87, 89, 90, 92-96, 98
 227 06
 633 241 45, 57, 58, 61, 88, 98, 99
 242 00, 02, 05, 06, 08, 09, 16, 17, 20, 21, 30, 31, 33, 35, 40, 42, 45
 56, 57, 60, 62, 64, 71, 73, 74, 76, 77, 86, 88-91, 93-96, 98, 99
 243 08, 11, 16, 18, 22, 27, 32, 34, 38, 74, 80, 84, 85, 87, 90, 98, 99
 244 00, 02-04, 06-09, 11, 18

BMC-LEVEND, MİNİBÜS/
 VAN, KAMYONET/ TRUCK
NISSAN HD
FORD ESCORT
 TRANSIT

Takım Sipariş Kodu / Set Order Code

 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 16

A648 C005 70


2-JAA 16

A2T41191, AG2035A

**MAZDA
NISSAN**

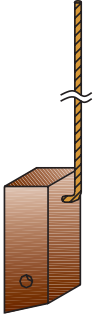
 FAMILIA
SUNNY, VAN

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x7x14
JAAX 24

 A647 X007 71
A647 X107 71

2-JAA 24

A1T03476, A1T23874, A1T25077, A1T32084, A1T32099

**mitsubishi
MAZDA
DATSUN
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x6x19,5/18,5
JAAX 25

 A648 C004 71
A648 C012 70

2-JAA 25

AP2040T, LT12524

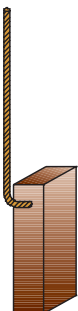
**MAZDA
mitsubishi
NISSAN**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x7x18/17
JAAX 31

 A648 D019 70
A648 D019 71

2-JAA 31

 A2T24884, A2T70772, A2T72186, A2T72188, A2T72189
A2T72383
A4T57986, A4T65988

**mitsubishi
MAZDA**

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x6x23

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 34

A648 C029 70
A648 D025 70
A648 D025 71

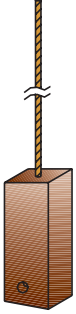
**2-JAA 34**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x18/16,5**

A1T 01791, 02091, 02674, 02674D, 03191, 03292, 03672, 03872
03972, 04072, 04172, 04272, 04572, 40391, 40891,
00991, 01384, 01483, 01683, 01783, 02271, 02394,
02394B, 02577, 02671, 02977, 03171, 03477, 03591,
03691, 04191, 04277, 04677, 05772, 05772X, 05892,
05892A, 05892B, 06577, 06991, 08577, 09291, 09392,
09493, 09691, 09792, 13571, 17783, 18476, 28976
34477, 36478, 40571B, 41677, 41791, 41991, 42571,
42599, 42599A, 42777, 43099, 43472, 43791, 43891,
44991, 45272, 45799, A, 45877, 46591, 46871, 47371,
47474, 47974, 48195, A, B, 48292, 48298, 48472,
48691, 48791, 49476, 49977, 80591, N0499, 00692
A3T 00792, 03099, 03392, 03393, 03493, 04177, 08183, 11678
A4T02891A
A5T 00877, 03092, 03192, 16471, 22877, 22971, 22997, 22997B
30574, 30871, 30977, 31671, 32277, 32571, 41271, 41477
41592, 41592B A7T00191, A7T30371

**MAZDA
MITSUBISHI
NISSAN
SUBARU**

JAAX 36

A648 D027 70
A648 D038 70

**2-JAA 36**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x23/21,5**

A1T03392, A1T06191

**MAZDA
MITSUBISHI
NISSAN
RENAULT**

Takım Sipariş Kodu / Set Order Code
JAAX 9
21660-0130

**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
2-JAA 9
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x8x18/16,5

0210000320, 0431, 0980, 1010, 1011, 1012, 1590, 1840
2970, 3001, 4510, 4550, 5080, 5081, 5150,
5250, 5450, 5600, 6110, 6370, 6420, 6611,
6612, 6640, 6710, 6900, 6940, 7250, 7260,
7320, 7911, 7920, 7931, 7971, 7990, 8011,
8020, 8021, 8030, 8140, 8231, 8250, 8270,
8271, 8310, 8400, 8620, 8910, 9040, 9061,
9091, 9100, 9120, 9130, 9260, 9770
1002100442, 1391, 1400, 1401, 1450, 1531, 1601
1002110140, 10142, 10291, 10320, 10322, 10440, 10560
10680, 30610
2702056100, 96601
2706063010

HONDA
JAAX 28
21660-0330
YENİ - NEW

2-JAA 28
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x22,5/20,3

27371-44070, 44070
100211-0090, 0100, 0101
4057936, 4057937, 4240430, 4339474, 4339742, 4439474,
5206265, 5206270, 5212190, 5213049, 5213080, 5213085,
5213190, 5213295, 5213590, 5213645, 5226742
28100-25021-000, 28100-26080-000
31200-657-016
14685-63013, 15201-63011, 15321-63015, 15321-63016,
15331-63011, 15331-63012
3874-18-400, 3876-18-400, 8495-18-400, 8497-18-400, 8682-
18-400
32991-8700, 32991-8710, 42991-7200, 82991-4110, 82991-
4120, 82991-6100
28100-24030, 28100-24031, 28100-25010, 28100-25011,
28100-25013, 28100-25031, 28100-25032, 28100-26020-84,
28100-26021, 28100-26022, 28100-26080, 28100-33020,
28100-33020, 28100-34070, 28100-36020, 28100-36050,
28100-36051, 28100-40060, 28100-40061, 28100-41010,
28100-41011, 28100-41012, 28100-41013, 28100-41020,
28100-41030, 28100-42010, 28100-42011, 28100-42020,
28100-42021, 28100-42030, 28100-60010, 28100-60040,
28100-60041, 28100-60042, 28100-60060, 28100-60061,
28100-60062

DAIHATSU
TOYOTA CORONA
CELICA
CROWN
CHRYSLER
DAIHATSU MOTOR CO

HONDA
ACURA
KUBOTA
MAZDA
SUBARU TOYOTA

JAAX 33
**21660-0311
21660-0530**

2-JAA 33
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
8x5x28,5/26

0210000013, 0041, 0720, 0731, 0740, 0830, 0850, 0930
0950, 1290, 1480, 1770, 8830, 9881, 9960
1002101573, 1961, 2130, 2210, 2221, 2250, 2251, 2280
2290, 2302, 2343, 2600, 2620, 2650, 2660
2700, 2710, 2720, 2750, 2760, 2840, 2860
2861, 2960, 2980, 3270 3280, 3350, 3360
3400, 3460, 3680, 3720, 3730, 3760 3770
1002130080, 0130, 0151, 0231, 0300, 0520, 0750, 0760
0770, 0800, 0950, 1120, 1210, 1290, 1500
1210001480, 2702068040, 2703057091

ISUZU

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JAAX 3521660-0390
21660-0510**2-JAA 35**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x7x15/14**0210000580, 0210002500
1002103070...1002131910
1012110040, 0060, 0070, 0240, 0340, 2230, 3860, 7920
102116600, 6720, 6721
23700KA160
31100PH70040
3140060B11, 60B30, 60B4, 60B40, 80E00, 82610, 82611
83010, 86010, 86510
SR11571**TOYOTA**COROLLA
CORONA
CARINA
CELICA**JAAX 38**

21660-0370

**2-JAA 38**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x5x22/19,5**A1T06291
A2T 01976, 02084, 04578, 10083, 11473, 13894, 14876
18479, 18792, 18976, 27594, 27594A, 27883, 49577
00599, 01877, 01877A
A3T 01877B, 04999, 76682
A4T03191
A5T01577, A5T02477, A5T03477**TOYOTA**CORONA
CROWN
L300
H 100
323, 626**MITSUBISHI**
HYUNDAI
MAZDA

Takım Sipariş Kodu / Set Order Code

PLX 10

443 930 132 780

**YENİ - NEW**Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

2-PL 10

443113516021, 16030, 16121, 16180, 16181

SKODA FAVORIT
FELICIA
JOHN DEEREGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,3x6,3x15**

Takım Sipariş Kodu / Set Order Code

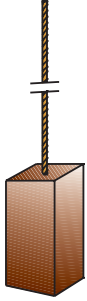
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

UX 79-80/0

608 272



1-U 79/0
1-U 80/0

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

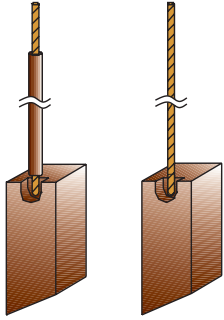
6x4,5x15

7526C, 27BC, 28C, 29BDEF, 30B, 31B, 33BCD
7535B, 38A, 40ABC, 41ABC, 43AB, 45A, 48A, 49ABCDE,
7550ABCDE, 51B, 52ABCD, 53AB, 54A, 55AB, 56BC,
7557AB, 58ABC, 60ABC, 62ABCDE, 63AB, 65ABCDE,
7566ABC, 67ABCDE, 68ABC, 69ABC, 70AB, 71ABC, 72A,
7575ABCDE, 76A, 77ABCDE, 78ABC, 79A, 80ABC, 81AB,
7582A, 83A, 84BC, 85ABC, 86ABCD, 90ABC, 91ABCD,
7593A, 96ABCD, 97ABCD,
512 001A, 2AB, 3AB
513 001A, 2A, 3AB, 4A, 5A, 8ABC, 9AB, 10A,
515 001A, 2AB, 3ABC, 4AB, 5A,
581 003A, 6A, 9AB, 10A, 13AB, 17A, 89A,
618 442C, 43DEF, 44CD, 45B, 46ABCD, 47BC, 48AB,
618 449ABCD, 50AB

PEUGEOT

PX 52-54

075411



P 52

P 54

1-P 52
1-P 54

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

7x5x19

A11M3-7, 9-14; A11R1-3
A12M1-3, 5-10, 18
A12R1-6, 8-14, 19-21, 23, 26-28, 47-49
A13M2-9, 11-17
A13R63, 73T, 74, 78T, 80T-90T, 92, 95-99,
A13R63104, 105, 115-117, 119-121, 123-129, 131-134,
135T, 136-138, 139T, 140, 141, 143-145, 149-154,
156, 157, 159, 160, 162T, 163T, 166, 167, 169-172T,
174-180, 183-191T, 194-196, 198, 199, 202, 205,
210, 212, 213, 215, 219, 223-225, 235, 261, 265

PEUGEOT
PEUGEOT KAMYON/TRUCK
RENAULT

PX 60

300722



2-P 60

Gerilim / Voltage
(Volt)

12

Ölçü / Dimension
(mm)

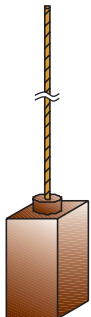
6,35x4,6x15,4

A12R35T, 57, 58, 351T
A13N51, 69, 76
A14N19, 37
A14R34T, 54T, 341T, 541T-543T

RENAULT 9, BRODWAY
MEGANE, CLIO

SVX 7/9

300 821



2-SV 7/9

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

6,4x4,6x14,5

Motorolla 2518032-452, 2940020-930,2941095-447,
9AL2502K
SEV 7120...7199...
Valeo/PR A11Vi
Valeo/PR A12M9, A12R22 ,PR A13E...PR A13N1M...PR
A13N29-32...
PR A13N52...PR A13N104...PR A13N139...PR
A13N152M...
PR A13N175-183...PR A13R aus AK 2000, PR
A13V2, 5, 7
PR A13Vi...PR A14N1...PR A14N36...PR A14N71...
PR A14N99...PR A14N116M...PR A14N128...
PR A14N196M, 206M

PEUGEOT
RENAULT
FUEGO
PORSCHE
SAAB
VOLVO

Takım Sipariş Kodu / Set Order Code

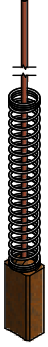
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

SVX 10

2521679E

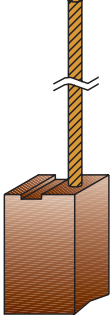
**2-SV 10**FLEX SECTION 0,5 mm²
FLEX LENGTH 80 mm
A13V/Vi
A14V/ViGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,4x4,6x14,5**



- DİREKSİYON KÖMÜRLERİ / *STEERING WHEEL PUMP BRUSHES*
- FAN KÖMÜRLERİ / *FAN BRUSHES*
- KLİMA KÖMÜRLERİ / *AIR CONDITION BRUSHES*
- SCOOTER VE MOTOSİKLET KÖMÜRLERİ / *SCOOTER AND MOTORCYCLE BRUSHES*
- YÜKSEK BAKIRLI KÖMÜRLER / *BRUSHES WITH HIGH COPPER DENSITY*
- DİĞER KÖMÜRLER / *OTHER BRUSHES*

ÇEŞİTLİ KÖMÜRLER

MISCELLANEOUS BRUSHES

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
HPIX 1
145 110 411 034

4-HPI 1

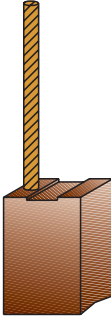
7701470783

CITROEN SAXO
PEUGEOT 106
RENAULT KANGOO

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6,95x12,4x20,3
HPIX 3
141 110 411 037

**HP 0010
HP 0011**
4-HPI 3
CITROEN SAXO
PEUGEOT 106
RENAULT KANGOO

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

5,95x12,4x20
HPIX 4

4-HPI 4

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

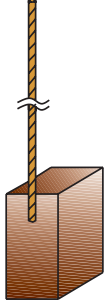
5,45x12,2x22

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

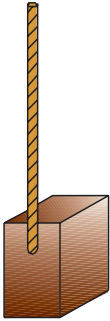
Araç Modeli/Vehicle Model

MTX 6 Y**3-MT 6 Y**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6,4x6,4x13**

SİLECEK / WIPER

SW 68

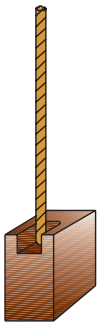
704061-16

**3-SW 68**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,5x6,5x11**

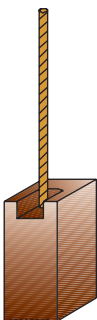
SİLECEK / WIPER

MEGA 201

7851780-0

**3-MEGA 201**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,34x6,34x11,3**

ARKA SİLECEK / REAR WIPER

MEGA 202785165-21
MTE 895 A**2-MEGA 202**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6,85x8x18**

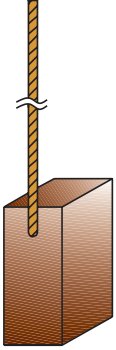
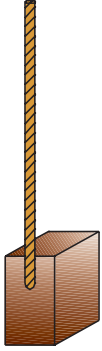
FAN

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

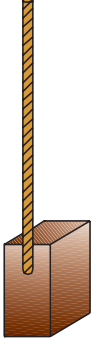
MEGA 203**2-MEGA 203**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**8x8x19****FAN****MEGA 206****2-MEGA 206**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**7,3x7,3x13****FAZ**FAN, CAM
SİLECEK / WIPER
KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

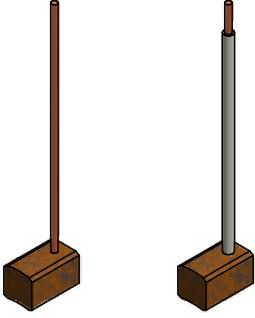
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MTX 7**2-MT 7**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**7,1x7,1x14**

KLİMA / AIR CONDITION

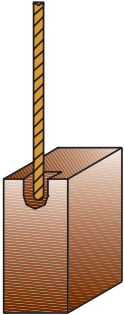
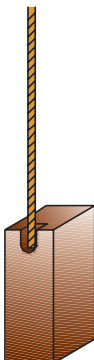
MEGA 200

MEGA 200A

MEGA 200B

**1-MEGA 200A
1-MEGA 200B**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**6,5x6,5x11**

KLİMA / AIR CONDITION

MEGA 204**2-MEGA 204**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**8x8x17**SÜTRAK KLİMA /
AIR CONDITION**MEGA 205****2-MEGA 205**Gerilim / Voltage
(Volt)**12/24**Ölçü / Dimension
(mm)**8x8x22**BAŞKURT KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli/Vehicle Model
MEGA 207

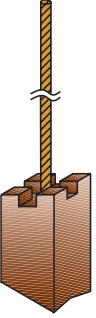
2-MEGA 207

 Gerilim / Voltage
(Volt)

12/24

 Ölçü / Dimension
(mm)

9x7,75x20
KONVEKTA KLİMA /
AIR CONDITION

MEGA 208

2-MEGA 208

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

7,9x9,9x22
**VOLVO
SCANIA
DAFF**
MEGA 209

3 134 320 341

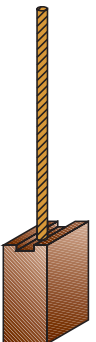

2-MEGA 209

 Gerilim / Voltage
(Volt)

24

 Ölçü / Dimension
(mm)

8x10x20
**MERCEDES
MAN
KASSBOHRER SETRA
SÜTRAK** KLİMA /
AIR CONDITION

MEGA 210

4-MEGA 210

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

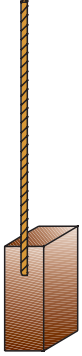
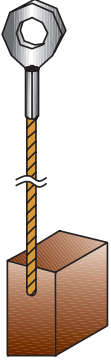
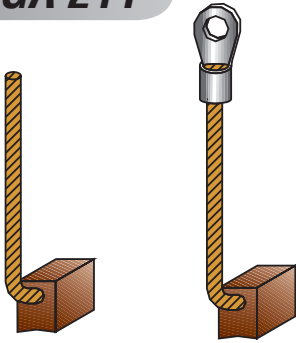
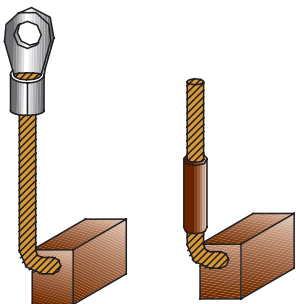
7,9x8,7x18
PEUGEOT 206,306,307
KLİMA /
AIR CONDITION

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

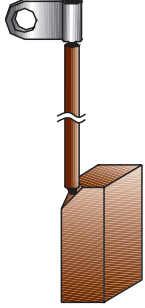
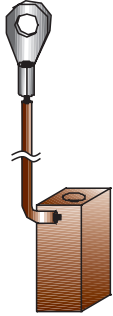
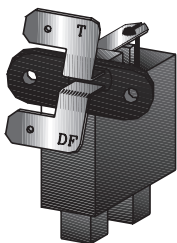
MTX 4**2-MT 4**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6x6x16**MOTOSİKLET /
MOTORCYCLE**MTX 5****2-MT 5**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6,4x8x12,5**MOTOSİKLET /
MOTORCYCLE**MEGA 211****1-MEGA 211A****1-MEGA 211B****1-MEGA 211A
1-MEGA 211B**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**7x6x8****HONDA
MONDIAL** SCOOTER
MOTOSİKLET /
MOTORCYCLE**MEGA 213****MEGA 213 A****MEGA 213 B****1-MEGA 213 A
1-MEGA 213 B**Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x6x8****SCOOTER** MOTOSİKLET/
MOTORCYCLE
100cc 150cc

Takım Sipariş Kodu / Set Order Code

Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MEGA 876**2-MEGA 876**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**7,9x7,9x21****JAWA** MOTOSİKLET /
MOTORCYCLE**MEGA 877****2-MEGA 877**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6x8x19****JAWA** MOTOSİKLET /
MOTORCYCLE**MEGA 880****2-MEGA 880**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**6,5x9,8x18,3****JAWA** MOTOSİKLET /
MOTORCYCLE**MEGA 882 S****1-MEGA 882 S**Gerilim / Voltage
(Volt)**6/12**Ölçü / Dimension
(mm)**3,9x5,9x13****JAWA** MOTOSİKLET J - 3,5
MOTORCYCLE

Takım Sipariş Kodu / Set Order Code

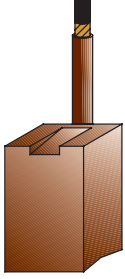
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

BSX 102 CU

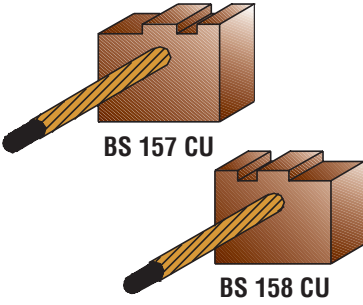
2 007 014 053

**4-BS 102 CU**

0 001 357 002
0 001 362 001-9, 11-17, 19
021-25, 27-30, 32, 33
9 000 143 400, 2, 4-7, 9

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**9x16x25,5**

OPEL
BEDFORD
MERCEDES 200 D
HENSCHEL

BSX 157-158 CU1 004 320 110-
111**2-BS 157 CU**
2-BS 158 CU

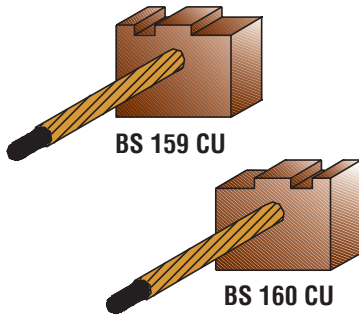
0 001 109 001-003, 06, 07, 11, 12, 14,
015, 18, 23, 25, 28, 29, 31
033-035, 40-45, 47, 61,
110 001-004, 07, 08, 11-15, 18, 19, 22-24
026-33, 39-49, 51, 53, 55-67, 70, 71,
073, 75-80, 81, 83-85, 88-90, 92, 95,
098-102, 104-07, 10-15, 20, 22-24
999
115 001, 002
124 004, 15
125 001, 02, 05, 06, 09, 10, 12, 13, 16-19
021, 22,
501-04, 07, 08, 12, 13, 17
602
F 010 AL0 101

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**6x18x14,5**

PEUGEOT PARTNER
CITROEN JUMPER
VOLVO
ALFA ROMEO
BMW 5.40, 7.30i
7.35i, 7.40i
FIAT DUNA
MERCEDES VITO
SPRINTER
VOLKSWAGEN
RENAULT MEGANE
CLIO 1.9

BSX 159-160 CU

1 004 320 113-114

**2-BS 159 CU**
2-BS 160 CU

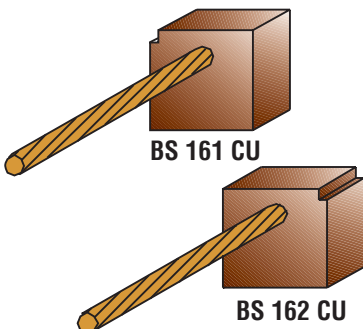
1 004 336 806, 11, 12, 16, 23, 32, 37, 50, 59,
902-04, 07, 11-13, 18, 19, 21-23,
934-36, 41, 44, 50, 54, 60, 61, 65,
968, 71, 73, 74, 86, 95, 98
1 004 320 113, 123, 133, 140, 146, 167,
224, 226
1 004 320 114, 124, 132, 141, 147, 168
225, 227
0 001 108 001, 02, 05, 09-13, 16-33, 35, 37, 40, 43-48,
50-54, 56-66, 68, 69, 71-79, 81-100,
103-12, 15-27, 29, 31-33, 36, 37,
139-41, 44-54, 56, 58-60, 62,
168-73, 77, 78, 80-82, 84, 86, 99
996-999
111 001-05
F 010 AL0 101

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x16x11,5/13**

BMW
ALFA ROMEO
MERCEDES
FORD ESCORT
MONDEO
TRANSIT 100
LADA
OPEL FRONTERA
VECTRA
AUDI
VOLVO A4, A6, A8

BSX 161-162 CU

1 004 320 118-119

**2-BS 161 CU**
2-BS 162 CU

0 001 106 012, 14, 17, 22-24,
107 009-12, 14, 17-19, 24, 25-34, 37-40,
043, 45-48, 52-56, 58, 59, 62-64, 70-75,
070-75, 77-80, 82, 87-90, 94-98
121 001-03, 06-09, 16, 17, 19, 22, 23
9 000 081 001, 04, 06, 07

Gerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**5x12x11,6**

AUDI A4, A6
CITROEN
FIAT DUCATO
FORD ESCORT
MONDEO
OPEL VECTRA
306, 406
BOXER
PARTNER
SEAT CORDOBA
IBIZA
TOLEDO
SKODA OCTAVIA
VOLKSWAGEN POLO
GOLF, JETTA

Takım Sipariş Kodu / Set Order Code

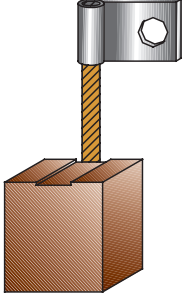
 Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

JSX 16 CU

411 44 32


2-JS 16 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x17x19

 E84-08/12V, Var,1,2,3,6,8
632 207 00-03,05,06,20,21,23,24,30-33,35,
632 207 40,41,43,44,46
632 208 00-04,06,08,30,32,33,34,36
632 209 31,32,40

MURAT 124
RENAULT
TOFAŞ

DOĞAN

ŞAHİN

FIAT
RENAULT
SEAT

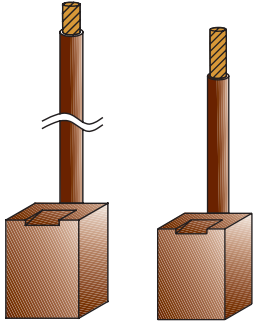
TEMPRA 1.3

12

RONDA

JSX 21-22 CU

74 881 151


JS 21 CU
JS 22 CU
1-JS 21 CU
2-JS 22 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

6x13x17,5

 E95-0, 9-12
E95-1, 0-12
632 213 30, 32-35, 38
214 30, 31
215 31, 32, 34, 35, 38
216 33, 38

TOFAŞ
FIAT
FORD

DOBLO

TAUNUS

SIERRA

CAPRI

TRANSIT

ANADOL
FORD
RENAULT
PEUGEOT
BMW

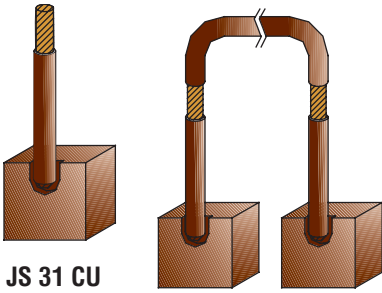
TUZLA

JEEP

9-11

JSX 31-32 CU

7 489 438


JS 31 CU
JS 32 CU
2-JS 31 CU
1-JS 32 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

8x19x18

 E95R-2, 2-12
632 218 31
220 30, 31, 34-36, 38, 39
221 30, 31, 33-36, 38
222 04, 07

FIAT
LANCIA
ALFA ROMEO
BMW

CROMA

REGATA D

TDI

DUCATO

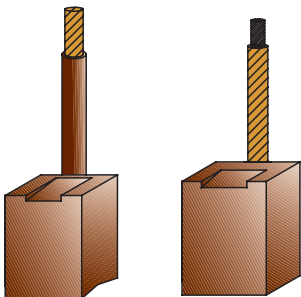
TD

TD

JSX 35-36 CU

83 221 191

83 221 201


JS 36 CU
JS 35 CU
2-JS 35 CU
2-JS 36 CU

 Gerilim / Voltage
(Volt)

12

 Ölçü / Dimension
(mm)

7x13x17,5

 E80-0, 8-12
E80-1, 0-12
633 228 31-33, 36-38
230 31-35

FIAT
TOFAŞ
LANCIA
RENAULT

12

UNO

TIPO

TEMPRA

DOĞAN

KARTAL

ŞAHİN

Takım Sipariş Kodu / Set Order Code

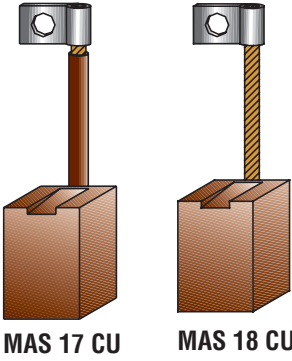
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

MASX 17-18 CU

72383701-02



2-MAS 17 CU
2-MAS 18 CU

MT71A, D, E, FA, H, L, LA, N, R, S, T, U, V, Z
632 171 01, 04-08, 10, 12, 16-21, 25, 38, 47, 73, 82
632 174 01-05

FORD TRANSIT

Gerilim / Voltage
(Volt)

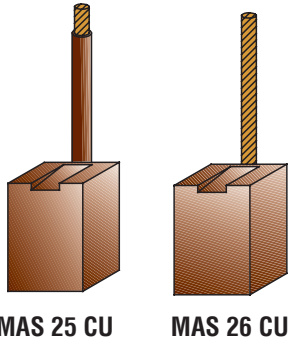
12

Ölçü / Dimension
(mm)

9x16x23

MASX 25-26 CU

721613/01-02



2-MAS 25 CU
2-MAS 26 CU

MT 71 AB, DB, FB, GB, HB, RB, SB, LA, TA, UA, VA
MT 74 AA, BA, DA
632 171 26, 48, 54, 56, 58, 63, 80, 86, 88, 97
632 174 07, 08, 10, 25, 33, 48

BMC
LEYLAND
FIAT

ALLIS
TRAKTÖR /
TRACTOR
TRANSIT
BEDFORD
DEUTZ

FORD
GENOTO
OTOKAR
STEYA
UZEL
M. FERGUSON

Gerilim / Voltage
(Volt)

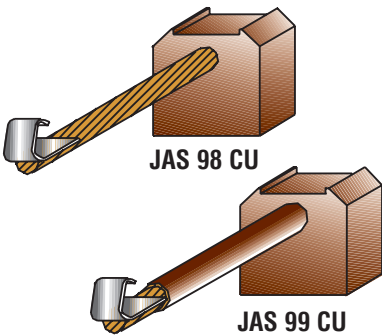
12

Ölçü / Dimension
(mm)

9x16x23

JASX 98-99 CU

ME 700 140



2-JAS 98 CU
2-JAS 99 CU

MAZDA 8599-24-750
MITSUBISHI MD618460
ME700127/ME701188
NISSAN 23378-W3410

MAZDA
MITSUBISHI
NISSAN

Gerilim / Voltage
(Volt)

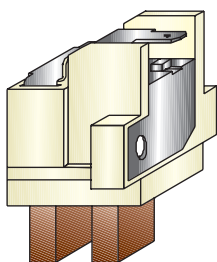
12

Ölçü / Dimension
(mm)

6,8x18x18

JX 30-31 S CU

749 904 31



1-J 30-31 S CU

A12M-124-12-42/-42B/-42M/-42X/-47/-57B
A12M-124-24-26/-26D/-26M
A124-14V-44A/-60A
A124-28V-26A
633 030 00, 01, 30, 41, 61
633 031 20, 30, 40, 50, 91
633 032 00, 13, 20, 22, 23, 40, 80, 82, 90
633 033 20, 31, 50, 60, 80, 91
633 034 00, 09, 20, 29
633 035 00, 20, 30, 50, 70
633 040 03, 20, 23, 40, 50, 75, 79, 81-83, 87, 90
633 041 00, 20
633 042 01, 21, 31
633 048 00, 30, 40, 70, 80, 90

CHRYSLER
FIAT
FORD
OTOYOL
IVECO
RENAULT
M. FERGUSON
SEAT

Gerilim / Voltage
(Volt)

12/24

Ölçü / Dimension
(mm)

8x5x16,5/14,5

Takım Sipariş Kodu / Set Order Code

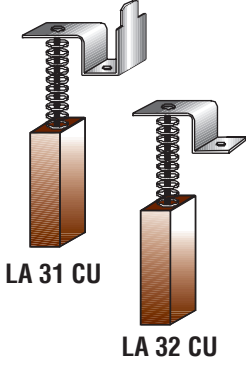
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli/Vehicle Model

LAX 31-32 CU

54 219 368

**1-LA 31 CU**
1-LA 32 CUGerilim / Voltage
(Volt)**12**Ölçü / Dimension
(mm)**4,6x4,6x12,7**

15ACR, 16ACR, 17ACR, 18ACR
23562, 63, 65-70, 72, 73, 75, 76, 81-85, 89-93, 97-99
23600, 2-6, 9-20, 22-27, 29-32, 34-56, 58-68, 73-80,
82, 85-87, 90-99
23700-9, 11-19, 21-23-31, 34-43, 45-48, 50-71
73-86, 93-99
23800-20, 22-28, 30-33, 35, 37-57, 59-65, 67-69
71-74, 76-86, 88-99
23900-58, 61-64, 67, 68, 72-74, 80, 87-95
24012-19, 22, 29-33, 44, 45, 48, 73
24103, 8, 39, 40

FORD
BEDFORD
JAGUAR
ROVER

Takım Sipariş Kodu / Set Order Code

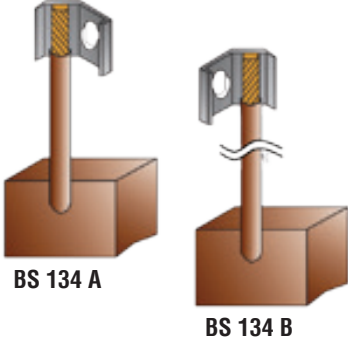
Özellikler
Properties

Motor Numarası / Unit No.

Araç Modeli / Vehicle Model

BSX 134

2 007 014 062



2-BS 134 A
2-BS 134 B

Gerilim / Voltage
(Volt)

12

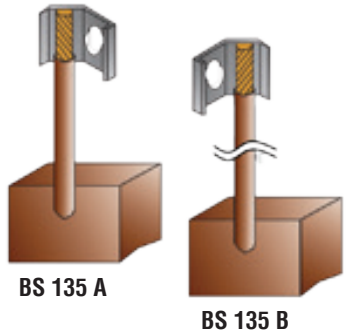
Ölçü / Dimension
(mm)

10x25x20

IHC PICK-UP 1230
MERCEDES
FORD

BSX 135

2 007 014 063



2-BS 135 A
2-BS 135 B

Gerilim / Voltage
(Volt)

24

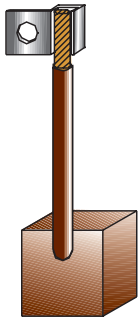
Ölçü / Dimension
(mm)

8x25x20

MERCEDES 302

FI 011-012

5 811 160 260



2- FI 011
2- FI 012

Gerilim / Voltage
(Volt)

24

Ölçü / Dimension
(mm)

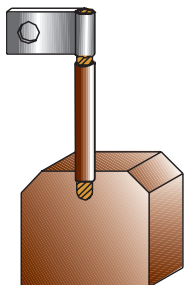
9x19x20

C 240

ISUZU ELF 250
MICRO BUS

FI 28

1 811 260 350



4- FI 28

Gerilim / Voltage
(Volt)

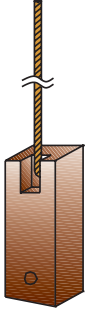
24

Ölçü / Dimension
(mm)

9x30x27

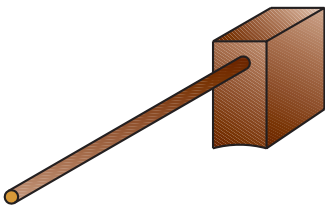
6QA1, 6RA1, 8PBI, 10PAI, 12PAI, UMDH100M, UM10PBI

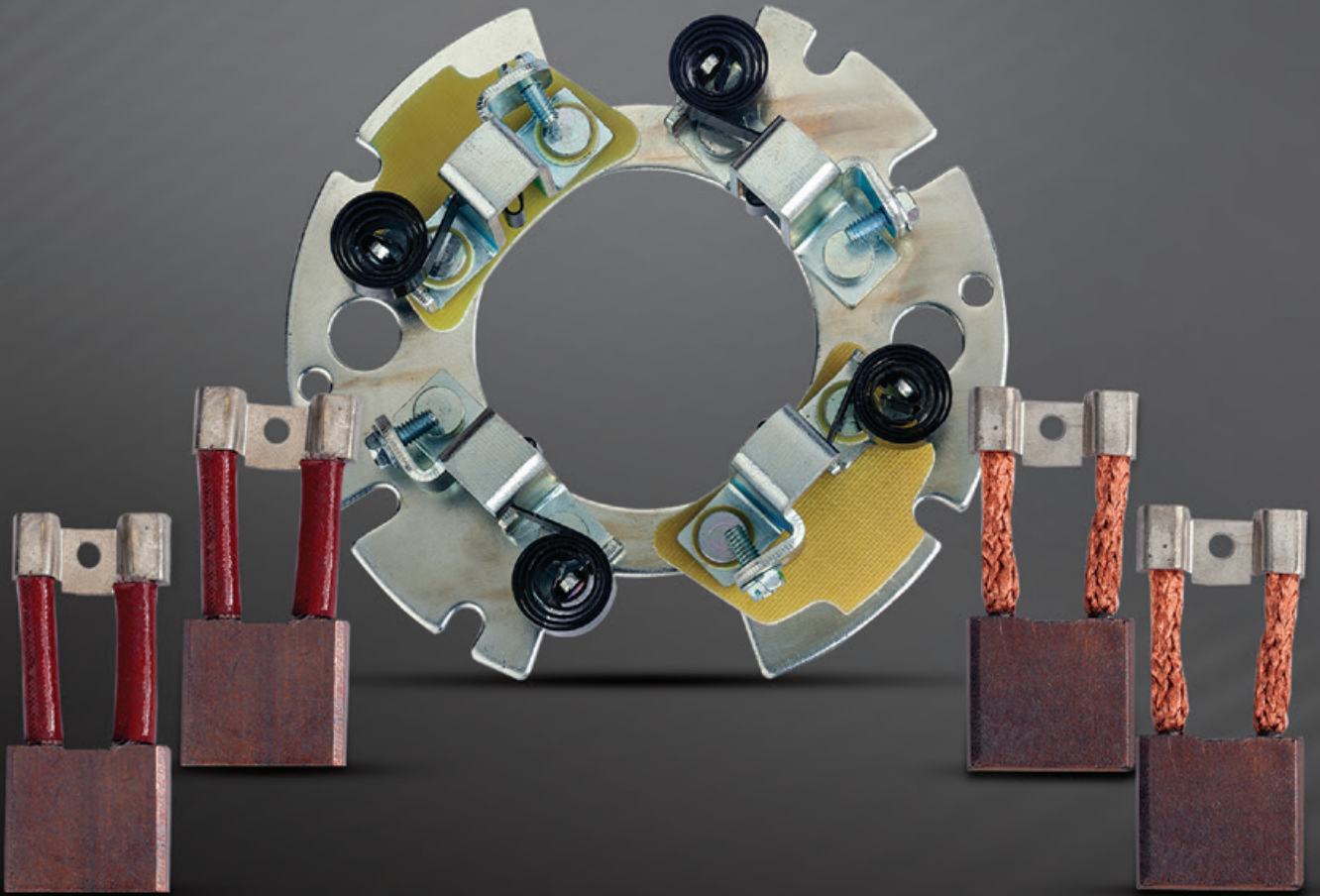
ISUZU V8-V10
KAMYON / TRUCK
OTOBÜS / BUS

Takım Sipariş Kodu / Set Order Code
**Özellikler
Properties**
Motor Numarası / Unit No.
Araç Modeli / Vehicle Model
K-003
**A648 D027 70
A648 D030 70
A990 D030 70**

2-K 003
**FE2H-18-W77
JE15-18-W77
MD611689
23135-59E10
23135-64J12
23135-V5511
A4T**
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x8x21,5/23
KIA SEPHIA
CAPITAL
BESTA

**MAZDA
MITSUBISHI
NISSAN
RENAULT**
K-004
**A648 C029 70
A648 D025 70
A648 D025 71**

2-K 004
**B675-18-W77
FE65-24-522
F811-18-W77
MD611035
MD611566
23135-13E10
49574-6404**
**Gerilim / Voltage
(Volt)**
12/24
**Ölçü / Dimension
(mm)**
5x8x15,5/18
KIA KAMYON / TRUCK

**MAZDA
MITSUBISHI
NISSAN
SUBARU**
MEGA 212
150110008

2-MEGA 212
**Gerilim / Voltage
(Volt)**
12
**Ölçü / Dimension
(mm)**
5x4x8
**BAŞKURT
RENAULT** MEGANE KOLTUK
KÖMÜRÜ
MEGANE SEAT
BRUSH



ÇAPRAZ KARŞILAŞTIRMA LİSTESİ
CROSS REFERENCE LIST

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
1 004 336 025	BO 0751	8
1 004 336 125	BO 1601	12
1 004 336 130	BO 1601	12
1 004 336 132	BO 1601	12
1 004 336 136	BO 1602	12
1 004 336 139	BO 1585	12
1 004 336 146	BO 1601	12
1 004 336 147	BO 1602	12
1 004 336 155	BO 1584	11
1 004 336 156	BO 1584	11
1 004 336 162	BO 1601	12
1 004 336 200	BO 1762	15
1 004 336 217	BO 1621	13
1 004 336 219	BO 1762	15
1 004 336 228	BO 1584	11
1 004 336 233	BO 1584	11
1 004 336 239	BO 1761	15
1 004 336 257	BO 1584	11
1 004 336 300	BO 1601	12
1 004 336 301	BO 1585	12
1 004 336 318	BO 1601	12
1 004 336 321	BO 1761	15
1 004 336 337	BO 1601	12
1 004 336 343	BO 1601	12
1 004 336 359	BO 1584	11
1 004 336 362	BO 1602	12
1 004 336 368	BO 1761	15
1 004 336 374	BO 1601	12
1 004 336 391	BO 1761	15
1 004 336 392	BO 1761	15
1 004 336 394	BO 1585	12
1 004 336 397	BO 1761	15
1 004 336 400	BO 1585	12
1 004 336 401	BO 1585	12
1 004 336 402	BO 1584	11
1 004 336 403	BO 1601	12
1 004 336 404	BO 1585	12
1 004 336 405	BO 1585	12
1 004 336 407	BO 1585	12
1 004 336 408	BO 1584	11
1 004 336 409	BO 1585	12
1 004 336 411	BO 1601	12
1 004 336 412	BO 1585	12
1 004 336 413	BO 1585	12
1 004 336 415	BO 1761	15
1 004 336 417	BO 1762	15
1 004 336 418	BO 1601	12
1 004 336 419	BO 1601	12
1 004 336 421	BO 1761	15

BOSCH	MEGA	SAYFA NO
1 004 336 423	BO 1601	12
1 004 336 426	BO 1602	12
1 004 336 427	BO 1762	15
1 004 336 428	BO 1762	15
1 004 336 429	BO 1584	11
1 004 336 430	BO 1585	12
1 004 336 431	BO 1585	12
1 004 336 432	BO 1761	15
1 004 336 433	BO 1761	15
1 004 336 434	BO 1761	15
1 004 336 436	BO 1601	12
1 004 336 437	BO 1585	12
1 004 336 443	BO 1601	12
1 004 336 445	BO 1585	12
1 004 336 446	BO 1584	11
1 004 336 451	BO 1761	15
1 004 336 455	BO 1585	12
1 004 336 456	BO 1582	11
1 004 336 457	BO 1601	12
1 004 336 458	BO 1585	12
1 004 336 459	BO 1584	11
1 004 336 460	BO 1582	11
1 004 336 462	BO 1761	15
1 004 336 463	BO 1582	11
1 004 336 464	BO 1601	12
1 004 336 466	BO 1584	11
1 004 336 467	BO 1602	12
1 004 336 471	BO 1602	12
1 004 336 502	BO 1851	16
1 004 336 505	BO 1851	16
1 004 336 506	BO 2051	18
1 004 336 507	BO 2012	18
1 004 336 508	BO 2012	18
1 004 336 509	BO 2111	18
1 004 336 512	BO 2131	19
1 004 336 513	BO 2151	19
1 004 336 514	BO 2013	18
1 004 336 516	BO 2013	18
1 004 336 517	BO 2013	18
1 004 336 518	BO 2013	18
1 004 336 519	BO 2051	18
1 004 336 521	BO 2132	19
1 004 336 522	BO 2151	19
1 004 336 525	BO 1851	16
1 004 336 526	BO 1851	16
1 004 336 527	BO 2111	18
1 004 336 530	BO 2111	18
1 004 336 531	BO 2111	18
1 004 336 532	BO 2013	18

BOSCH	MEGA	SAYFA NO
1 004 336 534	BO 1851	16
1 004 336 537	BO 2012	18
1 004 336 538	BO 2013	18
1 004 336 542	BO 1851	16
1 004 336 547	BO 1851	16
1 004 336 548	BO 2013	18
1 004 336 550	BO 2012	18
1 004 336 551	BO 2012	18
1 004 336 552	BO 2131	19
1 004 336 553	BO 2151	19
1 004 336 555	BO 2011	17
1 004 336 556	BO 2013	18
1 004 336 562	BO 2191	20
1 004 336 564	BO 2111	18
1 004 336 567	BO 2131	19
1 004 336 568	BO 2132	19
1 004 336 572	BO 2131	19
1 004 336 575	BO 2013	18
1 004 336 580	BO 1851	16
1 004 336 581	BO 2013	18
1 004 336 584	BO 2151	19
1 004 336 588	BO 2151	19
1 004 336 591	BO 2151	19
1 004 336 593	BO 1851	16
1 004 336 598	BO 2151	19
1 004 336 600	BO 1851	16
1 004 336 603	BO 2013	18
1 004 336 604	BO 2151	19
1 004 336 605	BO 2012	18
1 004 336 606	BO 2151	19
1 004 336 611	BO 2013	18
1 004 336 617	BO 2012	18
1 004 336 618	BO 2013	18
1 004 336 620	BO 2012	18
1 004 336 621	BO 2012	18
1 004 336 622	BO 2011	17
1 004 336 623	BO 2013	18
1 004 336 633	BO 2111	18
1 004 336 637	BO 2051	18
1 004 336 640	BO 2151	19
1 004 336 654	BO 2013	18
1 004 336 674	BO 2331	21
1 004 336 681	BO 2351	21
1 004 336 702	BO 1851	16
1 004 336 703	BO 1851	16
1 004 336 704	BO 2111	18
1 004 336 707	BO 2111	18
1 004 336 708	BO 2111	18
1 004 336 709	BO 2013	18

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
1 004 336 711	BO 1851	16
1 004 336 713	BO 2012	18
1 004 336 714	BO 2013	18
1 004 336 715	BO 1761	15
1 004 336 716	BO 1761	15
1 004 336 717	BO 1761	15
1 004 336 718	BO 1851	16
1 004 336 720	BO 1585	12
1 004 336 725	BO 2013	18
1 004 336 726	BO 2013	18
1 004 336 728	BO 1761	15
1 004 336 730	BO 1585	12
1 004 336 731	BO 1585	12
1 004 336 732	BO 1584	11
1 004 336 733	BO 1601	12
1 004 336 734	BO 1585	12
1 004 336 735	BO 1585	12
1 004 336 736	BO 1585	12
1 004 336 737	BO 1584	11
1 004 336 738	BO 1585	12
1 004 336 740	BO 1601	12
1 004 336 741	BO 1585	12
1 004 336 742	BO 1585	12
1 004 336 744	BO 1761	15
1 004 336 746	BO 1762	15
1 004 336 747	BO 1601	12
1 004 336 748	BO 1601	12
1 004 336 751	BO 2012	18
1 004 336 752	BO 2012	18
1 004 336 753	BO 2131	19
1 004 336 754	BO 2151	19
1 004 336 756	BO 2011	17
1 004 336 757	BO 2013	18
1 004 336 762	BO 1601	12
1 004 336 766	BO 2191	20
1 004 336 768	BO 2111	18
1 004 336 771	BO 2131	19
1 004 336 773	BO 2132	19
1 004 336 776	BO 1762	15
1 004 336 777	BO 1584	11
1 004 336 778	BO 1585	12
1 004 336 779	BO 1585	12
1 004 336 782	BO 2131	19
1 004 336 786	BO 2191	20
1 004 336 789	BO 1851	16
1 004 336 792	BO 2151	19
1 004 336 796	BO 2151	19
1 004 336 798	BO 2151	19
1 004 336 800	BO 1584	11

BOSCH	MEGA	SAYFA NO
1 004 336 801	BO 1761	15
1 004 336 802	BO 1582	11
1 004 336 804	BO 1585	12
1 004 336 806	BO 1601	12
1 004 336 807	BO 1585	12
1 004 336 808	BO 1584	11
1 004 336 809	BO 1761	15
1 004 336 810	BO 1761	15
1 004 336 811	BO 1602	12
1 004 336 812	BO 1601	12
1 004 336 813	BO 1761	15
1 004 336 814	BO 1761	15
1 004 336 815	BO 1621	13
1 004 336 816	BO 1601	12
1 004 336 817	BO 1621	13
1 004 336 819	BO 1585	12
1 004 336 820	BO 1762	15
1 004 336 821	BO 1762	15
1 004 336 823	BO 1601	12
1 004 336 826	BO 1585	12
1 004 336 827	BO 1761	15
1 004 336 828	BO 1761	15
1 004 336 829	BO 1585	12
1 004 336 831	BO 1761	15
1 004 336 832	BO 1601	12
1 004 336 833	BO 1761	15
1 004 336 834	BO 1621	13
1 004 336 835	BO 1582	11
1 004 336 836	BO 1585	12
1 004 336 837	BO 1601	12
1 004 336 839	BO 1584	11
1 004 336 840	BO 1585	12
1 004 336 842	BO 1761	15
1 004 336 843	BO 1621	13
1 004 336 844	BO 1621	13
1 004 336 846	BO 1621	13
1 004 336 847	BO 1584	11
1 004 336 853	BO 1761	15
1 004 336 859	BO 1601	12
1 004 336 860	BO 1585	12
1 004 336 865	BO 1621	13
1 004 336 866	BO 1851	16
1 004 336 872	BO 2013	18
1 004 336 879	BO 2051	18
1 004 336 884	BO 2012	18
1 004 336 885	BO 2012	18
1 004 336 886	BO 2111	18
1 004 336 889	BO 2131	19
1 004 336 890	BO 2151	19

BOSCH	MEGA	SAYFA NO
1 004 336 893	BO 2011	17
1 004 336 894	BO 2013	18
1 004 336 895	BO 2013	18
1 004 336 898	BO 2132	19
1 004 336 899	BO 2151	19
1 004 336 902	BO 1601	12
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1 004 336 906	BO 1584	11
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1 004 336 911	BO 1602	12
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1 004 336 914	BO 1585	12
1 004 336 915	BO 1621	13
1 004 336 916	BO 1621	13
1 004 336 917	BO 1621	13
1 004 336 918	BO 1601	12
1 004 336 919	BO 1602	12
1 004 336 921	BO 1601	12
1 004 336 922	BO 1601	12
1 004 336 923	BO 1602	12
1 004 336 924	BO 1585	12
1 004 336 925	BO 1585	12
1 004 336 926	BO 1584	11
1 004 336 927	BO 1584	11
1 004 336 928	BO 1621	13
1 004 336 931	BO 1585	12
1 004 336 933	BO 1584	11
1 004 336 934	BO 1601	12
1 004 336 935	BO 1601	12
1 004 336 936	BO 1601	12
1 004 336 937	BO 1762	15
1 004 336 938	BO 1761	15
1 004 336 939	BO 1621	13
1 004 336 940	BO 1621	13
1 004 336 941	BO 1601	12
1 004 336 942	BO 1585	12
1 004 336 943	BO 1621	13
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1 004 336 946	BO 1582	11
1 004 336 947	BO 1585	12
1 004 336 948	BO 1584	11
1 004 336 949	BO 1582	11
1 004 336 950	BO 1601	12
1 004 336 951	BO 1762	15

KÖMÜR YUVALARI / BRUSH HOLDERS

BOSCH	MEGA	SAYFA NO
1 004 336 952	BO 1621	13
1 004 336 953	BO 1621	13
1 004 336 954	BO 1601	12
1 004 336 955	BO 1585	12
1 004 336 956	BO 1585	12
1 004 336 957	BO 1761	15
1 004 336 958	BO 1584	11
1 004 336 959	BO 1585	12
1 004 336 960	BO 1601	12
1 004 336 961	BO 1602	12
1 004 336 962	BO 1585	12
1 004 336 963	BO 1621	13
1 004 336 964	BO 1761	15
1 004 336 965	BO 1601	12
1 004 336 967	BO 1621	13
1 004 336 968	BO 1601	12
1 004 336 969	BO 1621	13
1 004 336 970	BO 1761	15
1 004 336 971	BO 1601	12
1 004 336 973	BO 1601	12
1 004 336 974	BO 1601	12
1 004 336 975	BO 1761	15
1 004 336 976	BO 1585	12
1 004 336 980	BO 1761	15
1 004 336 981	BO 1585	12
1 004 336 983	BO 1584	11
1 004 336 984	BO 1585	12
1 004 336 985	BO 1761	15
1 004 336 986	BO 1601	12
1 004 336 987	BO 1762	15
1 004 336 988	BO 1584	11
1 004 336 989	BO 1761	15
1 004 336 990	BO 1584	11
1 004 336 991	BO 1584	11
1 004 336 992	BO 1621	13
1 004 336 993	BO 1621	13
1 004 336 994	BO 1582	11
1 004 336 995	BO 1601	12
1 004 336 996	BO 1585	12
1 004 336 997	BO 1585	12
1 004 336 998	BO 1601	12
1 004 336 999	BO 1585	12
1 004 337 005	BO 2281	20
1 004 337 006	BO 2441	21
1 004 337 012	BO 2301	20
1 004 337 153	BO 2302	21
2 004 336 027	BO 1431	9
2 004 336 077	BO 1771	15
2 004 336 079	BO 1971	17

BOSCH	MEGA	SAYFA NO
6 033 AD0 014	BO 1931	16
6 033 AD0 130	BO 1911	16
6 033 AD0 156	BO 1911	16
6 033 AD0 159	BO 1931	16
6 033 AD0 160	BO 1931	16
6 033 AD0 166	BO 1951	17
6 033 AD0 221	BO 1931	16
6 033 AD0 368	BO 1931	16
6 033 AD0 370	BO 1951	17
6 033 AD0 374	BO 1951	17
6 033 AD0 380	BO 1911	16
6 033 AD0 383	BO 1911	16
6 033 AD0 401	BO 1931	16
6 033 AD0 404	BO 1931	16
6 033 AD0 407	BO 1931	16
6 033 AD0 471	BO 1911	16
6 033 AD1 155	BO 1511	11
6 033 AD1 244	BO 1931	16
6 033 AD1 246	BO 1931	16
6 033 AD1 250	BO 1931	16
6 033 AD1 327	BO 1511	11
6 033 AD3 022	BO 1951	17
6 033 AD3 042	BO 1951	17
6 033 AD3 058	BO 1951	17
6 033 AD3 262	BO 1951	17
6 033 AD3 267	BO 1951	17
6 033 AD4 016	BO 1911	16
6 033 AD4 016	BO 2171	19
6 033 AD4 026	BO 1911	16
6 033 AD4 054	BO 1911	16
6 033 AD4 194	BO 1911	16
6 033 AD4 194	BO 2171	19
6 033 AD4 212	BO 2171	19
6 033 AD5 179	BO 1911	16
6 033 AD5 179	BO 2171	19
6 033 AD5 316	BO 2171	19
6 033 AD5 318	BO 2171	19
6 033 AD5 320	BO 2171	19
9 000 081 094	BO 1621	13
9 003 334 103	BO 1511	11
9 003 334 147	BO 1511	11
9 003 334 163	BO 1511	11
9 003 334 165	BO 1511	11
9 003 334 167	BO 1511	11
9 003 334 171	BO 1511	11
9 003 334 175	BO 1511	11
9 003 334 314	BO 1511	11
9 003 334 343	BO 1511	11
9 003 334 355	BO 1511	11

BOSCH	MEGA	SAYFA NO
9 003 334 363	BO 1911	16
9 003 334 368	BO 1951	17
F 000 AL1 055	BO 1621	13
F 000 AL1 326	BO 1621	13
F 000 AL1 483	BO 1621	13
F 000 AL1 917	BO 1621	13
F 000 AL1 918	BO 1621	13
F 000 AL1 919	BO 1621	13
F 000 AL2 034	BO 1621	13
F 000 AL2 035	BO 1621	13
F 000 AL2 036	BO 1621	13
F 000 AL2 109	BO 1621	13
CARGO	MEGA	SAYFA NO
130685	BO 0751	8
131169	LU 0361	31
131184	BO 1431	9
131352	DR 1341	22
131352	DR 1342	22
132090	HI 0811	29
132559	ND 0851	37
132873	ND 7781	39
133341	MI 0411	33
133342	MI 2431	34
133647	VA 1480	41
133886	MI 1701	33
234118	BO 1771	15
134291	FI 1221	25
134658	BO 1601	12
134659	BO 1584	11
134660	BO 1585	12
134661	BO 1511	11
134670	MA 1221	32
134670	MA 1221	32
134842	DR 4581	24
134868	BO 1621	13
135015	BO 1762	15
135235	BO 1602	12
135242	MA 7281	32
135565	FI 3341	25
135720	DR 1351	22
135822	LU 5161	31
136103	ND 0521	36
136204	FI 5361	26
136418	BO 1621	13
136557	BO 1761	15
136635	FO 0721	27
136728	VA 1480	41

KÖMÜR YUVALARI / BRUSH HOLDERS

CARGO	MEGA	SAYFA NO
137121	HI 4551	29
137268	BO 1621	13
137618	BO 1761	15
137703	BO 1582	11
138201	BO 1621	13
138326	BO 1601	12
138672	MI 0111	
138672	MI 0111	
138899	BO 1621	13
138900	BO 1585	12
138902	BO 1621	13
138903	BO 1601	12
138904	BO 1621	13
138905	BO 1762	15
138906	BO 1761	15
139144	BO 1601	12
139145	BO 1761	15
139146	BO 1584	11
139224	VA 1551	42
139428	BO 1584	11
139505	BO 1911	16
139627	FI 3541	25
139638	BO 1585	12
139698	BO 1911	16
139698	BO 1911	16
140559	MI 0411	33
140560	MI 2431	34
230741	FO 0751	28
231648	BO 1931	16
232183	BO 1761	15
232700	BO 1851	16
233565	BO 1761	15
234126	BO 1851	16
234947	BO 1951	17
235745	BO 2171	19
DELCO REMY	MEGA	SAYFA NO
1988121	DR 1341	22
1988122	DR 1341	22
1988439	DR 1342	22
10456456	DR 4581	24
10456456	DR 4201	23
10468705	DR 1351	22
10469238	DR 1352	23
NIPPON DENSO	MEGA	SAYFA NO
028510-0500	ND 0881	37

NIPPON DENSO	MEGA	SAYFA NO
028510-0560	ND 0851	37
028510-0640	ND 7781	39
028510-0840	ND 7781	39
028510-0880	ND 0111	36
028510-5190	ND 0521	36
028510-5500	ND 7781	39
HITACHI	MEGA	SAYFA NO
2114-39001	HI 0811	29
2114-49007	HI 0811	29
2114-69008	HI 0811	29
2114-79001	HI 0811	29
2114-89007	HI 0811	29
2114-23106	HI 4551	29
2114-29007	HI 0811	29
2114-4311	HI 0811	29
2114-53105	HI 4551	29
2114-63104	HI 4551	29
2114-73105	HI 4551	29
FORD	MEGA	SAYFA NO
F7RU-11434-BA	FO 0751	28
E90F-11000-AA,-BA	FO 0711	27
E9SF-11000-AA,-BA	FO 0711	27
F02F-11000-AA	FO 0721	27
F07U-11000-AA,-BA	FO 0721	27
F0CF-11000-AA,-BA	FO 0721	27
F0OU-11000-AA	FO 0721	27
F13U-11000-AA	FO 0721	27
F17U-11000-AB	FO 0721	27
F1VU-11000-AA	FO 0721	27
93BB-11000-HB,- JB,-JC	FO 0721	27
93BB-11000-KA,- KB,-KC	FO 0721	27
FIAT	MEGA	SAYFA NO
74891101010	FI 1221	25
028510-6410	FI 2731	25
028510-6421	FI 2731	25
028510-6440	FI 2731	25
028510-6490	FI 2731	25
542 944 44	FI 3341	25
832 204 61	FI 3341	25
832 263 36	FI 3541	25
832 212 41	FI 5361	26
773 651 21	BO 2331	21

IKA	MEGA	SAYFA NO
7 5001 1	HP 0010	45
7 5002 0	HP 0011	45
7 5002 1	HP 0011	45
7 7115 1	BO 1431	9
7 7124 1	BO 1601	12
7 7125 1	BO 1621	13
7 7126 1	BO 1762	15
7 7127 1	BO 1584	11
7 7128 1	BO 1602	12
7 7129 1	BO 1585	12
7 7130 1	BO 1511	11
7 7131 1	BO 1761	15
7 7132 1	BO 1582	11
7 7134 1	BO 1851	16
7 7135 1	BO 2012	18
7 7139 1	BO 1771	15
7 7140 1	HI 4551	29
7 7141 1	HI 0811	29
7 7146 1	VA 1642	43
7 7147 1	VA 1641	43
7 7148 1	VA 1641	43
7 7151 1	VA 1480	41
7 7159 1	VA 1551	42
7 7171 1	ND 7781	39
7 7179 1	ND 0111	36
7 7187 1	MI 0411	33
7 7188 1	MI 2431	34
7 7191 1	FI 3541	25
7 7193 1	FI 3341	25
7 7199 1	BO 1911	16
7 7201 1	BO 1971	17
7 7202 1	BO 2051	18
7 7204 1	BO 2011	17
7 7208 1	BO 1931	16
7 7210 1	BO 1951	17
7 7211 1	FO 0711	27
7 7212 1	FO 0721	27
7 7215 1	FO 0731	27
7 7221 1	BO 2191	20
7 7223 1	BO 2131	19
7 7224 1	BO 2132	19
7 7225 1	BO 2151	19
7 7228 1	BO 2013	18
7 7241 1	BO 1911	16
7 7241 1	BO 2171	19
7 7243 1	BO 1951	17
7 7261 1	FO 0751	28
7 7314 1	BO 0751	8
7 7368 2	DR 1341	22

KÖMÜR YUVALARI / BRUSH HOLDERS

İKA	MEGA	SAYFA NO
7 7372 1	ND 0881	37
7 7377 1	FI 2731	25
7 7375 1	DR 1351	22
7 7378 1	DR 4581	24
7 7389 1	MI 1701	33
7 7395 1	MA 5261	32
7 7468 2	DR 1342	22
7 7475 1	DR 1352	23
7 7478 1	DR 4201	23
7 7536 1	BO 2301	20
7 7291 1	BO 2302	21
7 7536 1	BO 2331	21
7 7537 1	BO 2441	21
7 7538 1	BO 2351	21
7 7545 1	BO 2281	20
7 7605 1	FO 0681	27
7 7170 1	ND 0851	37
7 7192 1	FI 5361	26
7 7370 1	ND 0851	37
7 7370 1	ND 0851	37
MAGNETI MARELLI	MEGA	SAYFA NO
721 650 01	MA 1221	32
7984628	MA 1221	32
8190402	MA 7281	32
721 641 01	MA 5261	32
72164102	MA 7281	32
72164102000	MA 7281	32
72164102010	MA 7281	32
72165001000	MA 1221	32
MITSUBISHI	MEGA	SAYFA NO
M649T01271	MI 0411	33
M649T01671	MI 2431	34
MONARK	MEGA	SAYFA NO
085 831 815	BO 1621	13
085 831 907	BO 1601	12
085 831 909	BO 1585	12
085 831 916	BO 1621	13
085 831 949	BO 1582	11
085 831 951	BO 1762	15
085 831 954	BO 1601	12
085 831 955	BO 1585	12
085 831 958	BO 1584	11

WAI	MEGA	SAYFA NO
69-103	DR 1341	22
69-108-2	DR 1351	22
69-108-3	DR 1352	23
69-201	FO 0721	27
69-205	FO 0711	27
69-206	FO 0751	28
69-8101	HI 0811	29
69-8117	HI 4551	29
69-8117	ND 1021	38
69-8122	HI 6371	30
69-8203	ND 0881	37
69-8208	ND 0111	36
69-8211	ND 0521	36
69-8218	FI 2731	25
69-8219	ND 0851	37
69-8302	MI 6971	35
69-8308	MI 0411	33
69-8309	MI 2431	34
69-8311	MI 2831	34
69-8315	MI 2832	34
69-8339	MI 1701	33
69-8400-2	DR 4581	24
69-8400-3	DR 4201	23
69-9100	BO 1451	10
69-9104	BO 0751	8
69-9105	BO 1011	8
69-9105	BO 1431	9
69-9106	BO 1441	9
69-9106	BO 1641	13
69-9111	BO 1601	12
69-9114	BO 1401	9
69-9115	BO 1603	13
69-9117	BO 1491	10
69-9118	BO 1511	11
69-9121	BO 1763	15
69-9129	BO 1582	11
69-9136	BO 2171	19
69-9137	BO 2191	20
69-9138	BO 1585	12
69-9139	BO 1621	13
69-9140	BO 1711	14
69-9140	BO 1771	15
69-9140	BO 1971	17
69-9141	BO 1712	14
69-9142	BO 1761	15
69-9143	BO 1762	15
69-9144	BO 1851	16
69-9145	BO 1911	16
69-9146	BO 1931	16

WAI	MEGA	SAYFA NO
69-9147	BO 1951	17
69-9155	BO 2281	20
69-9157	BO 2441	21
69-9158	BO 2331	21
69-9165	BO 2301	20
69-9196	BO 2302	21
69-9197	BO 2351	21
69-9200	LU 0361	31
69-9301	FI 3541	25
69-9302	MA 5261	32
69-9303	FI 3341	25
69-9304	MA 7281	32
69-9305	FI 5361	26
69-9306	MA 3241	32
69-9307	MA 1221	32
69-9401	VA 1671	43
69-9402	VA 1290	40
69-9403	VA 1641	43
69-9404	VA 1441	41
69-9406	VA 1642	43
69-9407	VA 1672	44
69-9408	ND 2011	38
69-9901	HP 0010	45
81-218	VA 1551	42
82-8990	HP 0011	45
VALEO	MEGA	SAYFA NO
594290	VA 1551	42
594351	VA 1551	42
183 957	VA 1480	41
186 381	VA 1480	41
187 517	VA 1551	42
187 626	VA 1551	42
594 070	VA 1480	41
594 072	VA 1480	41
190987	VA 1642	43
191060	VA 1641	43
191141	VA 1641	43
191822	VA 1641	43
191823	VA 1641	43
191824	VA 1642	43
193288	VA 1642	43

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BOSCH	MEGA	SAYFA NO
1 004 320 101	BSX 149	57
1 004 320 102	BSX 154	58
1 004 320 103	BSX 156	59
1 004 320 208	BSX 220-221	67
1 004 320 209	BSX 220-221	67
1 004 320 232	BSX 220-221	67
1 004 320 233	BSX 220-221	67
1 004 320 245	BSX 229-230	68
1 004 320 246	BSX 229-230	68
1 004 320 257	BSX 238	69
1 004 320 266	BSX 239-240	69
1 004 320 267	BSX 239-240	69
1 004 320 268	BSX 241-242	69
1 004 320 269	BSX 241-242	69
1 007 014 100	BSX 12	48
1 007 014 105	BSX 36	49
1 007 014 106	BSX 33	48
1 007 014 107	BSX 34	48
1 007 014 109	BSX 35	48
1 007 014 121	BSX 76	51
1 007 014 123	BSX 43	49
1 007 014 126	BSX 98	53
1 007 014 128	BSX 121	54
1 007 014 129	BSX 124	54
1 007 014 131	BSX 98	53
1 007 014 137	BSX 146	56
1 007 014 138	BSX 140	56
1 007 014 139	BSX 149	57
1 007 014 140	BSX 159-160	59
1 007 014 141	BSX 156	59
1 007 014 143	BSX 151	58
1 007 014 144	BSX 152	58
1 007 014 145	BSX 154	58
1 107 014 018	BX 68	134
1 107 014 110	BSX 43	49
1 107 014 118	BX 68	134
1 107 014 119	BX 68	134
1 107 014 126	BSX 49	49
1 127 014 000	BX 151	135
1 127 014 004	BX 185	136
1 127 014 005	BX 185	136
1 127 014 006	BX 185	136
1 127 014 007	BX 185	136
1 127 014 008	BX 185	136
1 127 014 010	BX 199	136
1 127 014 011	BX 185	136
1 127 014 013	BX 185	136
1 127 014 015	BX 199	136
1 127 014 016	BX 201	137

BOSCH	MEGA	SAYFA NO
1 127 014 017	BX 202	137
1 127 014 018	BX 204	137
1 127 014 019	BX 209	138
1 127 014 020	BX 202	137
1 127 014 021	BX 209	138
1 127 014 022	BX 204	137
1 127 014 023	BX 204	137
1 127 014 024	BX 214	138
1 127 014 025	BX 204	137
1 127 014 026	BX 215	138
1 127 014 027	BX 215	138
1 127 014 028	BX 213	138
1 127 014 030	BX 204	137
1 127 014 031	BX 219	139
1 917 000 153	RX 60	72
1 917 000 154	RX 70	72
1 917 000 155	RX 87	73
1 917 000 158	RX 92	73
1 917 000 205	USX 60-59	80
1 917 000 206	USX 60-59	80
1 917 000 207	USX 60-59	80
1 917 000 208	USX 60-59	80
1 917 000 210	USX 60-59	80
1 917 000 211	USX 73-85	80
1 917 000 215	USX 91-92	80
1 917 000 250	JSX 5	81
1 917 000 251	JSX 9	81
1 917 000 253	JSX 13	81
1 917 000 254	JSX 15	82
1 917 000 255	JSX 16	82
1 917 000 259	JSX 18	82
1 917 000 260	JSX 19	82
1 917 000 354	LASX 15-16	97
1 917 000 355	LASX 15-27	97
1 917 000 357	LASX 36	98
1 917 000 359	LASX 40-41	99
1 917 000 360	LASX 42	99
1 917 000 361	LASX 30-31-32	98
1 917 000 363	LASX 44-45	100
1 917 000 503	PSX 115-116	125
1 917 000 509	PSX 115-116	125
1 917 000 521	PSX 115-116	125
1 917 000 525	PSX 81-82	123
1 917 000 526	PSX 83-84	124
1 917 000 542	PSX 132	126
1 917 000 553	PSX 112	124
1 917 000 554	PSX 83-84	124
1 917 000 560	PSX 122-123-124	125
1 917 000 563	PSX 129	125

BOSCH	MEGA	SAYFA NO
1 917 000 564	PSX 132	126
1 917 000 565	JSX 21-22	83
1 917 000 575	PSX 130	126
1 917 000 576	PSX 133	126
1 917 000 577	JSX 21-22	83
1 917 000 578	MASX 17-18	102
1 917 010 205	JX 16	142
1 917 010 300	LAX 9	147
1 917 010 302	LAX 31-32	148
1 917 010 305	LAX 23	147
1 917 010 391	PLSX 5	122
1 917 012 104	RX 103	140
1 917 012 155	UX 79-80/0	155
1 917 012 203	JX 30-31	142
1 917 012 352	PX 52-54	155
1 917 012 353	PX 52-54	155
1 917 012 354	PX 52-54	155
1 917 700 476	PLSX 3	122
1 987 000 004	JAAX 32	145
1 987 000 005	JASX 66-67	94
1 987 000 006	JASX 57-58	93
1 987 000 007	JASX 29	108
1 987 000 009	JASX 15-6 (4)	91
1 987 000 010	JASX 69-70	110
1 987 120 000	JAAX 9	152
1 987 120 001	JAAX 20	145
1 987 120 002	JASX 63	117
1 987 120 003	JAAX 25	150
1 987 120 004	JAAX 24	150
1 987 120 010	JAAX 25	150
1 987 120 022	JAAX 19	145
1004 320 253	BSX 234-235	69
1004 320 254	BSX 234-235	69
1917 000 161	RX 120	74
1917 000 162	RX 120	74
1917 000 201	USX 44-21	80
1917 012 105	RX 103 F	140
1917 012 400	SVX 7	155
1917 012 401	SVX 7	155
2 000 014 078	BSX 100	53
2 004 320 176	BSX 186	62
2 004 320 178	BSX 186	62
2 004 320 264	BSX 222-223	67
2 004 320 265	BSX 222-223	67
2 007 014 001	BSX 12	48
2 007 014 002	BSX 39	49
2 007 014 004	BSX 148	57
2 007 014 007	BSX 12	48
2 007 014 008	BSX 148	57

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BOSCH	MEGA	SAYFA NO
2 007 014 013	BSX 35	48
2 007 014 015	BSX 148	57
2 007 014 017	BSX 186	62
2 007 014 018	BSX 70	50
2 007 014 019	BSX 102	54
2 007 014 020	BSX 33	48
2 007 014 021	BSX 34	48
2 007 014 022	BSX 85	52
2 007 014 023	BSX 148	57
2 007 014 024	BSX 74	50
2 007 014 026	BSX 75	51
2 007 014 027	BSX 75	51
2 007 014 032	BSX 100	53
2 007 014 035	BSX 100	53
2 007 014 036	BSX 148	57
2 007 014 040	BSX 139	56
2 007 014 042	BSX 148	57
2 007 014 044	BSX 96	52
2 007 014 047	BSX 35	48
2 007 014 048	BSX 148	57
2 007 014 049	BSX 100	53
2 007 014 050	BSX 96	52
2 007 014 051	BSX 100	53
2 007 014 052	BSX 96	52
2 007 014 053	BSX 102	54
2 007 014 056	BSX 96	52
2 007 014 061	BSX 148	57
2 007 014 062	BSX 134-144	55
2 007 014 063	BSX 135-145	55
2 007 014 064	BSX 96	52
2 007 014 065	BSX 137-143	55
2 007 014 067	BSX 147	56
2 007 014 068	BSX 137-143	55
2 007 014 070	BSX 148	57
2 007 014 072	BSX 177	61
2 007 014 073	BSX 163-164	59
2 007 014 076	BSX 163-164	59
2 007 014 077	BSX 170-171	60
2 007 014 079	BSX 172-173	60
2 007 014 080	BSX 178-179	61
2 007 014 081	BSX 180-181	61
2 007 014 082	BSX 177	61
2 007 014 085	BSX 170-171	60
2 107 014 004	BX 68	134
2 127 014 003	BX 203	137
2 127 014 004	BX 203	137
2 127 014 005	BX 203	137
2 137 014 003	BSX 12	48
6 033 AD3 260	BSX 224-225	67

BOSCH	MEGA	SAYFA NO
6 033 AD3 261	BSX 224-225	67
6 033 AD5 097	BSX 206-207	65
6 033 AD5 098	BSX 206-207	65
6 033 AD5 126	BSX 206-207	65
6 033 AD5 127	BSX 206-207	65
6 033 AD5 177	BSX 216-217	66
6 033 AD5 178	BSX 216-217	66
6 033 AD5 312	BSX 206-207	65
6 033 AD5 313	BSX 206-207	65
6 033 AD5 314	BSX 216-217	66
6 033 AD5 315	BSX 216-217	66
9 001 082 414	BSX 98	53
9 001 453 644	BSX 177	61
9 003 337 001	BSX 165	60
CARGO	MEGA	SAYFA NO
140134	RX 103	140
140135	RX 106	140
140161	LAX 80-81	148
140334	JASX 57-58	93
140336	JASX 66-67	94
140337	JASX 94-95	96
140338	JASX 80-81	95
140339	JASX 56-3/0	93
140340	JASX 15-6 (4)	91
140341	JASX 32-33	91
140342	JAAX 20	145
140344	JAAX 12	145
140345	JASX 23	106
140347	JASX 69-70	110
140349	JASX 82-83	112
140350	JAAX 16	150
140351	JAAX 25	150
140352	JAAX 24	150
140353	JAAX 24	150
140354	JAAX 31	150
140357	JASX 22	116
140360	JASX 63	117
140361	JASX 88	120
140362	JASX 84	118
140363	JASX 85	119
140364	JASX 77-78	118
140368	JAAX 28	152
140369	JAAX 33	152
140370	JAAX 38	153
140371	JAAX 35	153
140376	JASX 56-3	93
140378	JASX 36-37	92

CARGO	MEGA	SAYFA NO
140379	JASX 74-75	95
140380	JAAX 32	145
140385	JASX 29	108
140386	JASX 47-48	110
140387	JASX 98-99	113
140388	JASX 71-72	112
140393	JASX 35	116
140437	JAAX 34	151
140556	JASX 1	115
140559	JASX 40-41	108
140567	JASX 74	94
140575	JAAX 37	146
140576	JAAX 36	151
140591	JASX 69-70	110
140595	JASX 92-93	95
140597	JASX 34-30	92
140598	RX 132-133	141
140600	RX 457-458	78
140602	JASX 39	116
140603	LASX 30-31-32	98
140613	LAX 82	149
140647	JASX 53	117
140706	JASX 21 (4)	107
140708	JASX 91	106
140716	LASX 15-27	97
140732	RX 419-420	77
140740	JASX 52	117
140755	RX 911	78
140765	LASX 76	101
140770	JASX 79	118
140808	PSX 142-143	128
140811	RX 120	74
140812	RX 120	74
140813	RX 120/0	73
140815	RX 120/0	73
140841	JASX 24-25	107
140852	JASX 49-61	92
140885	JASX 18-19	116
140896	LASX 87-77-78	101
140897	LASX 86-79-80	101
140914	JX 43	143
140922	JASX 54-55	93
140930	JASX 42-43	109
140931	JASX 45-46	106
140932	JASX 86-87	120
140933	JASX 50-51	92
140966	JASX 44-28	109
140986	JASX 59-60	94
141023	JASX 26-27	91

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WAI	MEGA	SAYFA NO
68-9145	BS-166	60
68-9113	BS-134	169
38-216	F-67	144
68-223	F-75	90
68-220	F-72	89
68-217	F-71	89
68-219	F-70	89
68-9300	JS-13	81
38-8302	JAA-24	150
68-9200	LAS-44	100
68-8200	JAS-84	118
68-8210	JAS-89	120
68-8100	JAS-81	95
68-8101	JAS-80	95
68-9116	BS-87	52
68-9116	BS-96	52
68-9403	US-91	80
38-8202	JAA-28	152
38-8201	JAA-35	153
38-9100	B202	137
68-8309	JAS-37	92
68-8308	JAS36	92
38-8105	JAA-32	145
38-8306	JAA-31	150
38-8204	JAA-33	152
38-8307	JAA 36 ST	151
68-8214	JAS-18	116
68-8215	JAS-19	116
68-8220	JAS-52	117
68-8216	JAS-10	115
68-8217	JAS-11	115
68-8300	JAS-70	110
68-8118	JAS-75	95
68-8119	JAS-74	94
38-8107	JAA-36	151
38-8108	JAA-37	146
68-8900	JAS-21	107
68-9406	US-60	80
68-9209	LAS-15	97
38-8200	JAA-9	152
38-8300	JAA-34	151
68-8203	JAS-22	116
68-9207	LAS-31	98
68-9206	LAS-36	98
68-8202	JAS-14	115
68-8107	JAS-33	91
68-8106	JAS-32	91
68-8105	JAS-56	93
68-8104	JAS-15	91

WAI	MEGA	SAYFA NO
68-9301	JS-16	82
38-8102	JAA-20	145
68-8204	JAS-35	116
38-8303	JAA-16	150
68-8110	JAS-67	94
68-8110	JAS-67	94
68-8108	JAS-66	94
68-8111	JAS-58	93
68-8129	JAS-55	93
68-8129-1	JAS-55	93
68-8125	JAS-50	92
68-8131	JAS-59	94
68-8128 68-8136	JAS-49	92
68-8128-1	JAS-54	93
38-401 / 38-402	SV7/9	155
38-402	SV7/9	155
68-8305	JAS-83	112
68-8317	JAS-42	109
68-8315-1	JAS-41	108
68-8315	JAS-40	108
68-8314	JAS-43	109
68-8312-1	JAS-68	110
68-8312	JAS-40	108
68-8321	JAS-100	113
68-8208	JAS-77	118
68-8225	JAS-78	118
68-8226	JAS-79	118
38-104	R-103	140
38-110	R-106	140
38-105	R-117	141
38-107	R-119	141
68-109	R-122	74
68-111	R-122H	74
68-115	R-124	75
68-117	R-124H	75
38-115	R-132	141
38-116	R-133	141
68-112	R-134	76
68-113	R-134 H	76
68-129	R-135	77
68-130	R-135 H	77
68-137	R-419	77
68-8400	R 457	78
68-8401	R 458	78
68-8402	R-419	77
68-139	R-911	78
38-119	R-140	141
38-120	R-141	141
68-152-24	K-010	79

WAI	MEGA	SAYFA NO
68-158	K-010	79
68-100	R-60	72
68-108	R-69	72
68-110	R-70	72
68-104	R-87	73
38-100	R-89	140
38-101	R-90	140
68-116	R-92	73
DELCO	MEGA	SAYFA NO
1 0456 457	R-457	78
1 0456 458	R-458	78
1 0457 119	R-419	77
1 0457 120	R 420	77
1 049 524	RX 911	78
1 852 880	RX 120	74
1 852 883	RX 122 H	74
1 852 884	RX 122	74
1 852 887	RX 124	75
1 995 564	RX 117	141
1 989 661	RX 132-133	141
NIPPON DENSO	MEGA	SAYFA NO
21660-0130	JAA 9	152
21660-0311	JAA 33	152
21660-0330	JAA 28	152
21660-0370	JAA 38	153
21660-0390	JAA 35	153
21660-0510	JAA 35	153
21660-0530	JAA 33	152
23740-0200	JASX 79	118
28099-3430	JAS 89	120
28099-3950	JAS 89	120
28099-3980	JASX 53	117
28099-5450	JAS 39	116
28099-6180	JAS 52	117
28510-0441	JAS 84	118
28510-0460	JAS 89	120
28510-0580	JAS 84	118
28510-0590	JAS 84	118
28510-0660	JAS 89	120
28510-0830	JAS 84	118
28510-5320	JAS 84	118
28510-5350	JAS 84	118
28510-5420	JAS 84	118
28510-0750	JASX 86-87	120
28530-0480	JASX 35	116

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NIPPON DENSO	MEGA	SAYFA NO
28530-0932	JASX 1	115
28531-0300	JAS 22	116
28531-0380	JAS 63	117
28531-0450	JAS 84	118
28531-0480	JAS 63	117
28531-0490	JAS 63	117
28531-0632	JAS 88	120
28531-0680	JAS 85	119
28531-0720	JAS 89	120
28531-0730	JAS 89	120
28531-0840	JAS 77	118
28531-0946	JAS 84	118
28531-5050	JAS 39 C	117
28531-0110	JASX 14	115
28531-0110	JAS 14	115
FCC	MEGA	SAYFA NO
JHTSX 7 M	JASX 15-6 (4)	91
JHTSX 9 M	JASX 56-3	93
JHTSX 12 M	JASX 31	91
JHTSX 17	JASX 57-58	93
JHTSX 25	JASX 92-93	95
JHTSX 28	JASX 66-67	94
JHTSX 29	JASX 94-95	96
JHTSX 31	JASX 80-81	95
JHTSX 32	JASX 92-93	95
JHTSX 33	JASX 56-3/0	93
JHTSX 34	JASX 94-95	96
JHTSX 36	JASX 36-37	92
JHTSX 37	JASX 74-75	95
JHTSX 38	JASX 57-58	93
JHTSX 39	JASX 36-37	92
JHTSX 40	JASX 74	94
JHTSX 43	JASX 34-30	92
JHTSX 44	JASX 74-75	95
JHTSX 47	JASX 49-61	92
JHTX 10	JAAX 19	145
JHTX 11	JAAX 19	145
JHTX 18	JAAX 20	145
JHTX 18 M	JAAX 20	145
JHTX 19	JAAX 19	145
JHTX 20	JAAX 32	145
JHTX 23	JAAX 32	145
JHTX 27	JAAX 37	146
JHTX 5	JAAX 19	145
JHTX 6	JAAX 12	145
JHTX 7	JAAX 19	145
JMTSX 24	JASX 29	108

FCC	MEGA	SAYFA NO
JMTSX 11	JASX 23	106
JMTSX 27	JASX 70	110
JMTSX 36	JASX 69-70	110
JMTSX 49	JASX 82-83	112
JMTSX 54	JASX 69-70	110
JMTSX 55	JASX 98-99	113
JMTSX 56	JASX 71-72	112
JMTSX 57	JASX 96-97	112
JMTSX 65	JASX 71	111
JMTSX 66	JASX 71	111
JMTSX 70	JAS 43	109
JMTSX 71	JAS 41	108
JMTX 14	JAAX 16	150
JMTX 19	JAAX 25	150
JMTX 20	JAAX 25	150
JMTX 22	JAAX 24	150
JMTX 23	JAAX 25	150
JMTX 25	JAAX 25	150
JMTX 32	JAAX 24	150
JMTX 33	JAAX 31	150
JMTX 34	JAAX 31	150
JMTX 35	JAAX 34	151
JMTX 38	JAAX 36	151
JMTX 39	JAAX 31	150
JMTX 41	JAAX 36	151
JMTX 42	JAAX 34	151
JNDSX 8	JASX 35	116
JNDSX 25	JASX 63	117
JNDSX 31	JASX 88	120
JNDSX 31 M	JASX 88	120
JNDSX 32	JASX 84	118
JNDSX 33	JASX 84	118
JNDSX 34	JASX 85	119
JNDSX 35	JASX 77-78	118
JNDSX 36	JASX 86-87	120
JNDSX 37	JASX 53	117
JNDSX 39	JASX 39	116
JNDSX 39 T	JASX 39 C	117
JNDSX 41	JASX 52	117
JNDX 11	JAAX 9	152
JNDX 11 M	JAAX 9	152
JNDX 30	JAAX 28	152
JNDX 32	JAAX 33	152
JNDX 33	JAAX 38	153
JNDX 34	JAAX 35	153
JNDX 34 M	JAAX 35	153
JNDX 37	JAAX 35	153
JNDX 38	JAAX 33	152
JNKSX20	RX 419-420	77

FCC	MEGA	SAYFA NO
JNKSX 28	JASX 79	118
JNKX6	JAAX 19	145
FUJI	MEGA	SAYFA NO
F-141	JASX 77-78	118
FA-101	JASX 66-67	94
FA-102	JASX 66-67	94
FD-140	JASX 63	117
FD-151	JASX 52	117
FD-154	JASX 84	118
FD-155	JASX 89	120
FD-156	JASX 88	120
FD-157	JASX 63	117
FD-158	JASX 85	119
FD-159	JASX 85	119
FD-160	JASX 85	119
FD-161	JASX 77-78	118
FD-163	JASX 84	118
FD-165	JASX 84	118
FD-166	JASX 77-78	118
FD-167	JASX 39 C	117
FD-168	JASX 77-78	118
FD-169	JASX 84	118
FD-170	JASX 52	117
FD-311	JAAX 9	152
FD-312	JAAX 9	152
FD-313	JAAX 28	152
FD-315	JAAX 33	152
FD-316	JAAX 35	153
FD-317	JAAX 33	152
FD-318	JAAX 35	153
FD-319	JAAX 35	153
FE-123	JASX 84	118
FE-124	JASX 84	118
FE-143	JASX 88	120
FE-167	JASX 77-78	118
FE-303	JAAX 19	145
FE-304	JAAX 19	145
FE-306	JAAX 19	145
FE-310	JAAX 9	152
FE-316	JAAX 19	145
FE-317	JAAX 19	145
FE-318	JAAX 20	145
FE-319	JAAX 35	153
FE-320	JAAX 35	153
FF-110	JASX 57-58	93
FF-111	JASX 57-58	93
FF-117	JASX 66-67	94

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FUJI	MEGA	SAYFA NO
FF-118	JASX 66-67	94
FF-120	JASX 66-67	94
FF-121	JASX 66-67	94
FF-122	JASX 66-67	94
FF-124	JASX 39 C	117
FF-125	JASX 84	118
FF-128	JASX 85	119
FF-132	JASX 84	118
FF-134	JASX 85	119
FF-135	JASX 84	118
FF-146	JASX 84	118
FF-150	JASX 66-67	94
FF-151	JASX 66-67	94
FF-155	JASX 84	118
FF-156	JASX 84	118
FF-157	JASX 84	118
FF-158	JASX 39 C	117
FF-303	JAAX 20	145
FF-304	JAAX 20	145
FF-308	JAAX 9	152
FF-310	JAAX 32	145
FF-313	JAAX 20	145
FF-314	JAAX 20	145
FF-315	JAAX 20	145
FF-316	JAAX 20	145
FF-319	JASX 39	116
FF-321	JAAX 35	153
FF-322	JAAX 34	151
FF-323	JAAX 20	145
FF-325	JAAX 35	153
FH-123	JASX 88	120
FH-125	JASX 94-95	96
FH-126	JASX 94-95	96
FH-145	JASX 88	120
FH-303	JAAX 12	145
FH-304	JAAX 19	145
FH-306	JAAX 33	152
FH-307	JAAX 33	152
FH-318	JAAX 9	152
FH-323	JAAX 9	152
FH-324	JAAX 9	152
FI-001	JASX 74-75	95
FI-002	JASX 36-37	92
FI-003	JASX 36-37	92
FI-025	JASX 88	120
FI-027	JASX 88	120
FI-029	JASX 89	120
FI-030	JASX 88	120
FI-040	JASX 89	120

FUJI	MEGA	SAYFA NO
FI-041	JASX 85	119
FI-046	JASX 36-37	92
FI-051	JASX 92-93	95
FI-052	JASX 92-93	95
FI-053	JASX 74	94
FI-054	JASX 74-75	95
FI-055	JASX 74-75	95
FI-056	JASX 74-75	95
FI-061	JASX 77-78	118
FI-065	JASX 39 C	117
FI-066	JASX 79	118
FI-080	JASX 89	120
FI-081	JASX 89	120
FI-085	JASX 89	120
FI-086	JASX 52	117
FI-109	JASX 15-6 (4)	91
FI-116	JASX 32-33	91
FI-118	JASX 56-3	93
FI-120	JASX 31	91
FI-130	JASX 92-93	95
FI-131	JASX 92-93	95
FI-133	JASX 57-58	93
FI-134	JASX 57-58	93
FI-159	JASX 94-95	96
FI-168	JASX 66-67	94
FI-172	JASX 92-93	95
FI-173	JASX 92-93	95
FI-174	JASX 94-95	96
FI-175	JASX 94-95	96
FI-181	JASX 94-95	96
FI-182	JASX 94-95	96
FI-185	JASX 94-95	96
FI-186	JASX 94-95	96
FI-189	JASX 66-67	94
FI-191	JASX 77-78	118
FI-192	JASX 66-67	94
FI-193	JASX 66-67	94
FI-194	JASX 80-81	95
FI-195	JASX 80-81	95
FI-196	JASX 36-37	92
FI-197	JASX 36-37	92
FI-198	JASX 34-30	92
FI-200	JASX 74-75	95
FI-304	JAAX 19	145
FI-315	JAAX 12	145
FI-320	JAAX 19	145
FI-321	JAAX 19	145
FI-322	JAAX 19	145
FI-323	JAAX 20	145

FUJI	MEGA	SAYFA NO
FI-324	JAAX 20	145
FI-327	JAAX 19	145
FI-329	JAAX 19	145
FI-330	JAAX 19	145
FI-331	JAAX 9	152
FI-339	JAAX 19	145
FI-340	JAAX 19	145
FI-347	JAAX 19	145
FI-353	JAAX 20	145
FI-354	JAAX 20	145
FI-355	JAAX 32	145
FI-356	JAAX 32	145
FI-357	JAAX 32	145
FI-358	JAAX 20	145
FI-359	JAAX 20	145
FI-360	JAAX 20	145
FI-361	JAAX 20	145
FI-364	JAAX 33	152
FI-368	JAAX 19	145
FI-371	JAAX 20	145
FI-372	JAAX 20	145
FI-373	JAAX 20	145
FI-374	JAAX 20	145
FI-376	JAAX 20	145
FI-378	JAAX 20	145
FI-381	JAAX 32	145
FI-384	JAAX 19	145
FI-391	JAAX 32	145
FI-393	JAAX 35	153
FI-398	JAAX 20	145
FI-403	JAAX 33	152
FI-404	JAAX 35	153
FI-406	JAAX 20	145
FI-407	JAAX 32	145
FJ-002	JASX 71	111
FJ-005	JASX 71	111
FJ-007	JASX 85	119
FJ-012	JASX 71-72	112
FJ-016	JASX 88	120
FJ-025	JASX 96-97	112
FJ-026	JASX 98-99	113
FJ-029	JASX 39 C	117
FJ-030	JASX 98-99	113
FJ-125	JASX 35	116
FJ-126	JASX 70	110
FJ-150	JASX 69-70	110
FJ-151	JASX 69-70	110
FJ-178	JASX 69-70	110
FJ-183	JASX 82-83	112

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FUJI	MEGA	SAYFA NO
FJ-184	JASX 82-83	112
FJ-189	JASX 70	110
FJ-190	JASX 98-99	113
FJ-191	JASX 70	110
FJ-192	JASX 96-97	112
FJ-192 H	JASX 96-97/K	113
FJ-192-TR	JASX 98-99/K	113
FJ-194	JASX 70	110
FJ-195	JASX 88	120
FJ-200	JASX 70	110
FJ-307	JAAX 16	150
FJ-309	JAAX 25	150
FJ-312	JAAX 25	150
FJ-323	JAAX 9	152
FJ-324	JAAX 24	150
FJ-325	JAAX 25	150
FJ-333	JAAX 9	152
FJ-334	JAAX 25	150
FJ-336	JAAX 24	150
FJ-337	JAAX 24	150
FJ-342	JAAX 24	150
FJ-343	JAAX 31	150
FJ-344	JAAX 24	150
FJ-345	JAAX 31	150
FJ-346	JAAX 33	152
FJ-347	JAAX 34	151
FJ-350	JAAX 35	153
FJ-352	JAAX 36	151
FJ-354	JAAX 34	151
FJ-358	JAAX 35	153
FK-107	JASX 84	118
FK-109	JASX 84	118
FK-113	JASX 66-67	94
FK-114	JASX 66-67	94
FK-115	JASX 89	120
FK-118	JASX 66-67	94
FK-119	JASX 66-67	94
FK-124	JASX 63	117
FK-125	JASX 85	119
FK-127	JASX 63	117
FK-128	JASX 89	120
FK-129	JASX 86-87	120
FK-131	JASX 39 C	117
FK-139	JASX 84	118
FK-140	JASX 84	118
FK-301	JAAX 19	145
FK-302	JAAX 19	145
FK-303	JAAX 9	152
FK-315	JAAX 35	153

FUJI	MEGA	SAYFA NO
FK-316	JAAX 35	153
FM-109	JASX 29	108
FM-121	JASX 70	110
FM-135	JASX 69-70	110
FM-136	JASX 69-70	110
FM-152	JASX 82-83	112
FM-153	JASX 82-83	112
FM-160	JASX 98-99	113
FM-161	JASX 71	111
FM-162	JASX 71	111
FM-164	JASX 70	110
FM-166	JASX 71	111
FM-167	JASX 77-78	118
FM-168	JASX 85	119
FM-171	JASX 85	119
FM-178	JASX 71-72	112
FM-181	JASX 74-75	95
FM-182	JASX 74-75	95
FM-183	JASX 82-83	112
FM-184	JASX 82-83	112
FM-185	JASX 39 C	117
FM-302	JAAX 16	150
FM-304	JAAX 25	150
FM-305	JAAX 25	150
FM-307	JAAX 25	150
FM-309	JAAX 25	150
FM-310	JAAX 16	150
FM-311	JAAX 32	145
FM-312	JAAX 24	150
FM-313	JAAX 9	152
FM-314	JAAX 24	150
FM-315	JAAX 24	150
FM-317	JAAX 9	152
FM-318	JAAX 33	152
FM-319	JAAX 34	151
FM-320	JAAX 35	153
FM-321	JAAX 32	145
FM-322	JAAX 32	145
FM-323	JAAX 32	145
FM-324	JAAX 36	151
FM-325	JAAX 34	151
FM-326	JAAX 34	151
FM-327	JAAX 36	151
FN-006	JASX 36-37	92
FN-007	JASX 36-37	92
FN-015	JASX 66-67	94
FN-016	JASX 66-67	94
FN-018	JASX 36-37	92
FN-027	JASX 70	110

FUJI	MEGA	SAYFA NO
FN-028	JASX 70	110
FN-030	JASX 98-99	113
FN-031	JASX 96-97	
FN-126	JASX 29	108
FN-127	JASX 29	108
FN-197	JASX 56-3/0	93
FN-302	JAAX 12	145
FN-305	JAAX 19	145
FN-312	JAAX 16	150
FN-317	JAAX 19	145
FN-318	JAAX 25	150
FN-330	JAAX 20	145
FN-331	JAAX 20	145
FN-333	JAAX 19	145
FN-336	JAAX 16	150
FN-342	JAAX 20	145
FN-343	JAAX 24	150
FN-344	JAAX 20	145
FN-346	JAAX 20	145
FN-349	JAAX 31	150
FN-352	JAAX 24	150
FN-355	JAAX 20	145
FN-356	JAAX 32	145
FN-357	JAAX 20	145
FN-359	JAAX 20	145
FN-360	JAAX 20	145
FN-361	JAAX 20	145
FN-362	JAAX 20	145
FN-368	JAAX 32	145
FN-372	JAAX 31	150
FN-373	JAAX 32	145
FN-376	JAAX 32	145
FN-377	JAAX 20	145
FN-379	JAAX 20	145
FN-380	JAAX 20	145
FN-382	JAAX 34	151
FN-383	JAAX 36	151
FN-385	JAAX 32	145
FN-389	JAAX 20	145
FN-390	JAAX 32	145
FN-391	JAAX 37	146
FN-393	JAAX 37	146
FN-394	JAAX 36	151
FN-395	JAAX 37	146
FN-396	JAAX 37	146
FN-400	JAAX 36	151
FN-402	JAAX 37	146
FO-301	JAAX 20	145
FO-302	JAAX 20	145

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FUJI	MEGA	SAYFA NO
FR-302	JAAX 9	152
FR-303	JAAX 33	152
FS-125	JASX 39 C	117
FS-127	JASX 85	119
FS-301	JAAX 9	152
FS-304	JAAX 9	152
FS-309	JAAX 35	153
FS-310	JAAX 35	153
FT-114	JASX 63	117
FS-123	JASX 53	117
FT-124	JASX 84	118
FT-127	JASX 84	118
FT-128	JASX 88	120
FT-129	JASX 89	120
FT-130	JASX 85	119
FT-133	JASX 77-78	118
FT-139	JASX 84	118
FT-140	JASX 52	117
FT-142	JASX 88	120
FT-143	JASX 39 C	117
FT-147	JASX 84	118
FT-148	JASX 84	118
FT-149	JASX 84	118
FT-150	JASX 84	118
FT-151	JASX 84	118
FT-305	JAAX 9	152
FT-313	JAAX 33	152
FT-314	JAAX 38	153
FT-315	JAAX 38	153
FT-316	JAAX 35	153
FT-317	JAAX 35	153
FT-318	JAAX 35	153
FT-319	JAAX 33	152
FU-101	JASX 88	120
FV-301	JAAX 20	145
FV-302	JAAX 20	145
FW-111	JASX 94-95	96
FW-112	JASX 94-95	96
FW-116	JASX 84	118
FW-117	JASX 84	118
FW-301	JAAX 20	145
FW-302	JAAX 20	145
FW-303	JAAX 9	152
FY-105	JASX 36-37	92
FY-106	JASX 36-37	92
FY-111	JASX 66-67	94
FY-112	JASX 66-67	94
FY-113	JASX 80-81	95
FY-114	JASX 80-81	95

FUJI	MEGA	SAYFA NO
FY-123	JASX 92-93	95
FY-124	JASX 92-93	95
FY-125	JASX 92-93	95
FY-126	JASX 92-93	95
FY-127	JASX 94-95	96
FY-128	JASX 94-95	96
FY-129	JASX 94-95	96
FY-130	JASX 94-95	96
FY-138	JASX 36-37	92
FY-139	JASX 36-37	92
FY-140	JASX 84	118
FY-143	JASX 36-37	92
FY-148	JASX 74-75	95
FY-149	JASX 94-95	96
FY-150	JASX 94-95	96
FY-151	JASX 36-37	92
FY-153	JASX 94-95	96
FY-155	JASX 84	118
FY-156	JASX 84	118
FY-157	JASX 77-78	118
FY-158	JASX 85	119
FY-159	JASX 88	120
FY-302	JAAX 20	145
FY-303	JAAX 20	145
FY-304	JAAX 20	145
FY-305	JAAX 20	145
FY-306	JAAX 19	145
FY-307	JAAX 20	145
FY-309	JAAX 20	145
FY-313	JAAX 19	145
FY-314	JAAX 19	145
FY-315	JAAX 20	145
FY-317	JAAX 9	152
FY-318	JAAX 34	151
FY-321	JAAX 32	145
FZ-107	JASX 84	118
FZ-108	JASX 88	120
FZ-109	JASX 63	117
FZ-301	JAAX 9	152
HITACHI	MEGA	SAYFA NO
2114-04313	JAS 57	93
2114-05312	JAS 66	94
2114-08312	JAS 58	93
2114-08313	JAS 67	94
2114-2313	JASX 32-33	91
2114-23124	JAS 50	92
2114-3315	JAS 66	94

HITACHI	MEGA	SAYFA NO
2114-43125	JAS 61	92
2114-53126	JAS 55	93
2114-59002	JAS 80	95
2114-63121	JAS 50	92
2114-63125	JAS 49	92
2114-63126	JAS 54	93
2114-6313	JAS 67	94
2114-6313	JAS 67	94
2114-69002	JAS 81	95
2114-73122	JAS 50	92
2114-73123	JAS 59	92
2114-83121	JAS 51	92
2114-83122	JAS 50	92
2114-83123	JAS 60	94
2114-8313	JAS 67	94
2114-93122	JAS 50	92
2120-02601	JAS 95	96
2120-1311	JASX 56-3	93
2120-7312	JASX 56-3/0	93
2130-01310	JAS 95	96
2130-01312	JAS 92	95
2130-02312	JAS 92	95
2130-03311	JAS 92	95
2130-04311	JAS 92	95
2130-04312	JAS 93	95
2130-05312	JAS 36	92
2130-07311	JAS 93	95
2130-07312	JAS 75	95
2130-08311	JAS 37	92
2130-13111	JAS 74	95
2130-23112	JAS 74	95
2130-6312	JASX 34-30	92
2240-01311	JAS 75	95
2240-01312	JAS 75	95
2250-1322	JASX 31	91
2250-01324	JAS 95	96
2250-02323	JAS 94	96
2250-04322	JAS 95	96
2250-05322	JAS 37	92
2250-05323	JAS 37	92
2280-1312	JAS 27	91
2280-1313	JAS 26	91
ISKRA	MEGA	SAYFA NO
16 770 002	BX 202	137
16 770 114	BX 202	137
16 770 188	JX 42	143
16 770 206	PX 60	155

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ISKRA	MEGA	SAYFA NO
16 905 13	JSX 13	81
16 905 226	BSX 96	52
16 905 235	BSX 157-158	59
16 905 247	BSX 151	58
16 905 294	BSX 102	54
16 905 375	BSX 135-145	55
16 905 376	BSX 134-144	55
16 905 380	BSX 100	53
16 905 387	BSX 34	48
16 905 388	BSX 34	48
16 905 389	BSX 35	48
16 905 392	BSX 96	52
16 905 767	BSX 102	54
16 905 825	BSX 139	56
16 970 206	PX 60	155
LUCAS	MEGA	SAYFA NO
227 305	LAX 9	147
227 541	LAX 23	147
251 108	LASX 5-6	97
271 735	LASX 15-16	97
271 735-1	LASX 15-27	97
54 202 906	LAX 82	149
54 203 641	LAX 80-81	148
54 213 117	LAX 23	147
54 244 848	LASX 40-41	99
54 244 979	LASX 42	99
54 246 258	LASX 44-45	100
54 258 592	LASX 31	98
54 259 517	LASX 36	98
60 600 056	LASX 40-41	99
60 600 205	LASX 46-47-48	100
60 600 767	LASX 73-41	100
60 600 780	LAX 80-81	148
60 600 911	LASX 87-77-78	101
60 600 953	LASX 86-79-80	101
TAB 106	LASX 30-31-32	98
TAB 114	LASX 46-47-48	100
TAB 117	LASX 40-41	99
TAB 118	LASX 36	98
TAB 119	LASX 31	98
TAB 124	LASX 44-45	100
TAB 125	LASX 15-27	97
TAB 128	LASX 5-6	97
TAB 131	LASX 87-77-78	101
ULB 109	LAX 30	148

MAGNETI MARELLI	MEGA	SAYFA NO
400 5010	JS 9	81
404 2681	J 16	142
404 5771	JS 13	81
404 8287	JS 6	81
407 3386	JS 15	82
411 4432	JS 16	82
417 4892	JS 18	82
418 5547	JS 19	82
419 0088	J 30	142
425 5496	JS 16	82
425 9228	JS 5	81
427 8940	J 30	142
429 7856	J 30	142
447 5148	JS 13	81
447 5184	JS 13	81
5127 0652	JS 21	83
5127 0764	JS 31	84
5127 0765	JS 32	84
5127 0803	JS 29/30	84
5127 0805	JS 29/30	84
5174 5137	JS 33	84
5174 5138	JS 34	84
5420 2906	J 43	143
7043 4401	BS 35	48
7216 1301	MAS 26	103
7216 1302	MAS 25	103
7216 1303	MAS 28	103
7216 1304	MAS 27	103
7216 2401	MAS 22	103
7216 2402	MAS 21	103
7216 2403	MAS 24	103
7216 2404	MAS 23	103
7216 3201	MAS 13	102
7236 3202	MAS 14	102
7236 3203	MAS 15	102
7236 3204	MAS 16	102
7236 3205	MAS 15	102
7236 3206	MAS 16	102
7236 3207	MAS 15	102
7237 0901	BS 12	48
7237 0902	BS 12	48
7238 3701	MAS 17	102
7238 3702	MAS 18	102
7238 3703	MAS 19	102
7238 3704	MAS 20	102
7238 3705	MAS 19	102
7238 3706	MAS 20	102
7435 0331	BS 36	49
7437 1190	BS 12	48

MAGNETI MARELLI	MEGA	SAYFA NO
7437 1200	BS 12	48
7437 1260	BS 43	49
7470 2610	JS 9	81
7471 3201	JS 6	81
7473 4101	JS 15	82
7483 8701	JS 18	82
7484 6001	JS 19	82
7486 1781	JS 16	82
7486 8171	JS 5	81
7487 4701	JS 13	81
7487 4741	JS 13	81
7488 0941	JS 21	83
7489 3801	JS 29/30	84
7489 3811	JS 29/30	84
7489 4381	JS 31	84
7489 4391	JS 32	84
7489 9061	JS 31	84
7489 9071	JS 32	84
7493 0001	J 16	142
7499 5241	J 30	142
7499 9471	J 30	142
7901 9316	MAS 17	102
7901 9317	MAS 18	102
7970 5021	J 42	143
7970 7451	J 42	143
80 5581	JS 5	81
80 9775	JS 6	81
8322 0401	JS 33	84
8322 0411	JS 34	84
8322 1191	JS 35	84
8322 1201	JS 36	84
8322 1681	JS 37	85
8322 2631	JS 33	84
8322 2651	JS 34	84
8322 4481	JS 38	85
8322 4621	JS 42	86
8322 5264	JS 39	85
8322 5265	JS 40	85
8322 5266	JS 41	85
8322 6189	JS 38	85
8322 6919	JS 53	87
8322 6920	JS 54	87
8322 7258	JS 33	84
8322 7470	JS 59	86
8322 7490	JS 40	85
8322 7491	JS 39	85
8322 7657	JS 63	87
8322 8257	JS 34	84
85 3160	JS 9	81

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MAGNETI MARELLI	MEGA	SAYFA NO
991 1443	BS 36	49
992 7791	MAS 13	102
992 7792	MAS 14	102
992 8448	MAS 16	102
992 9080	MAS 15	102
993 5196	MAS 17	102
993 5197	MAS 18	102
995 6552	MAS 18	102
995 6556	MAS 17	102
MITSUBISHI	MEGA	SAYFA NO
A647X00771	JAA 24	150
A647X10771	JAA 24	150
A648C00570	JAA 16	150
A648C02970	JAA 34	151
A648D01070	JAA 25	150
A648D01071	JAA 24	150
A648D01670	JAA 24	150
A648D01671	JAA 24	150
A648D01970	JAA 31	150
A648D01971	JAA 31	150
A648D02070	JAA 24	150
A648D02271	JAA 24	150
A648D02570	JAA 34	151
A648D02571	JAA 34	151
A648D02770	JAA 36	151
A648D03070	JAA 36	151
A649T02971	JAA 25	150
A649X04070	JAA 24	150
A990D03070	JAA 36	151
M647C00271	JAS 40	108
M647C00272	JAS 40	108
M647C00371	JAS 42	109
M647C00571	JAS 40	108
M647C00573	JAS 40	108
M647C00671	JAS 42	109
M647C00871	JAS 40	108
M647C01771	JAS 42	109
M647X02071	JAS 40	108
M647X02671	JAS 40	108
M647X03471	JASX 44-28	109
M647X04571	JASX 44-28	109
M647X05571	JASX 44-28	109
M647X05871	JASX 44-28	109
M648C10171	JAS 29	108
M648C10371B	JAS 70	110
M648C10671	JAS 29	108
M648C12170	JAS 69	110

MITSUBISHI	MEGA	SAYFA NO
M648C12370	JAS 69	110
M648C13770	JAS 70	110
M648C14870	JAS 83	112
M648C14871	JAS 83	112
M648C14970	JAS 82	112
M648C14971	JAS 82	112
M648C15070	JAS 83	112
M648C15372	JAS 98	113
M648C15472	JAS 99	113
M648C20371	JAS 47	110
M648C22371	JAS 47	110
M648C24471	JAS 48	110
M648C24472	JAS 48	110
M648C25671	JAS 71	111
M648C25672	JAS 72	112
M648C26371	JASX 96-97	112
M648C31171	JAS 41	108
M648C32971	JAS 43	109
M648C35871	JASX 100	113
M648C35871	JAS 100	113
M648D20671	JAS 48	110
M648D20771	JAS 48	110
M648X28271	JASX 98-99	113
M648X28671	JASX 96-97	112
M649T04372	JAS 90	112
M649T04372	JASX 90	112
MD602018	JAAX 25	150
MD602019	JAAX 25	150
MD602069	JASX 70	110
MD602226	JAAX 25	150
MD602458	JAAX 16	150
MD602468	JASX 69-70	110
MD602470	JASX 69-70	110
MD602750	JAAX 25	150
MD602783	JAAX 24	150
MD602797	JAAX 25	150
MD604018	JAAX 9	152
MD604240	JASX 22	116
MD604643	JASX 39	116
MD604916	JASX 85	119
MD607373	JAAX 24	150
MD607389	JASX 69-70	110
MD607420	JASX 69-70	110
MD607554	JASX 82-83	112
MD607556	JASX 82-83	112
MD607949	JASX 70	110
MD611024	JASX 71	112
MD611035	JAAX 34	151
MD611216	JASX 40-41	108

MITSUBISHI	MEGA	SAYFA NO
MD611217	JASX 40-41	108
MD611566	JAAX 34	151
MD611689	JAAX 36	151
MD611731	JASX 42-43	109
MD611918	JASX 42-43	109
MD618460	JASX 98-99	113
ME021981	JAAX 9	152
ME700047	JASX 71-72	112
ME700127	JASX 98-99	113
ME700140	JASX 96-97	112
ME700290	JASX 71-72	112
ME700424	JAAX 31	150
ME700858	JASX 71	111
ME700939	JASX 71-72	112
ME701169	JASX 96-97	112
ME701186	JAAX 31	150
ME701188	JASX 98-99	113
ME702997	JAAX 33	152
MM502344	JASX 70	110
MM502377	JAAX 31	150
VALEO	MEGA	SAYFA NO
618 691	USX 91-92	80
075 411	PX 52-54	155
092 859	SVX 7	155
092 967	SVX 7	155
095 788	PX 52-54	155
095 984	PX 52-54	155
096 026	PX 52-54	155
096 304	PX 52-54	155
096 322	PX 52-54	155
096 334	PX 52-54	155
182 051	PSX 138-139	127
182 054	PSX 140-141	127
182 064	PSX 115-116	125
182 065	PSX 129	125
182 066	PSX 133	126
182 067	PSX 133	126
182 068	PSX 130	126
182 071	PSX 115-116	125
182 114	PSX 81-82	123
182 116	PSX 115-116	125
182 118	PSX 132	126
182 132	PSX 83-84	124
182 134	PSX 83-84	124
182 145	PSX 83-84	124
182 146	PSX 112	124
182 194	USX 44-21	80

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VALEO	MEGA	SAYFA NO
20 856	USX 73-85	80
300 679	PSX 81-82	123
300 687	PSX 130	126
300 706	PSX 133	126
300 722	PX 60	155
300 796	SVX 7	155
300 821	SVX 7	155
583 041	USX 91-92	80
594 060	PSX 148-149/0	129
594 062	PSX 148-149/0	129
594 063	PSX 148-149/0	129
594 065	PSX 129	125
594 066	PSX 133	126
606 384	USX 73-85	80
608 267	UX 79-80/0	155
608 272	UX 79-80/0	155
609 592	USX 73-85	80
609 778	USX 73-85	80
618 481	USX 60-59	80
618 491	USX 73-85	80
618 570	USX 60-59	80
72 592	PSX 115-116	125
72 617	PSX 115-116	125
72 619	PSX 115-116	125
72 630	PSX 83-84	124
72 631	PSX 81-82	123
72 734	PSX 115-116	125
73 829	PSX 115-116	125
75 217	USX 44-21	80
75 238	USX 60-59	80
75 411	PX 52-54	155
75 707	PSX 132	126
78 865	PSX 83-84	124
78 900	PSX 112	124
92 435	PSX 115-116	125
92 655	PSX 115-116	125
92 878	PSX 129	125
92 883	PSX 130	126
92 914	PSX 133	126
92 925	PSX 132	126
594 286	PSX 89-90	124
182 070	PSX 119-120	125
182 073	PSX 122-123-124	125
300 841	PSX 136-137	127
IKA	MEGA	SAYFA NO
0 1089 1	BSX 206-207	65
0 1094 1	BSX 216-217	66

IKA	MEGA	SAYFA NO
0 1096 1	BSX 220-221	67
0 1098 1	BSX 233 (4)	68
0 1099 1	BSX 36	49
0 1100 1	BSX 12	48
0 1102 1	BSX 33	48
0 1103 1	BSX 34	48
0 1104 1	BSX 35	48
0 1105 1	BSX 39	49
0 1106 1	BSX 43	49
0 1121 1	BSX 70	50
0 1123 1	BSX 74	50
0 1124 1	BSX 75	51
0 1125 1	BSX 76	51
0 1127 1	BSX 85	52
0 1132 1	BSX 96	52
0 1136 1	BSX 100	53
0 1138 1	BSX 102	54
0 1147 1	BSX 134-144	55
0 1148 1	BSX 135-145	55
0 1149 1	BSX 137-143	55
0 1151 1	BSX 139	56
0 1152 1	BSX 140	56
0 1154 1	BSX 146	56
0 1155 1	BSX 147	56
0 1156 1	BSX 148	57
0 1157 1	BSX 149	57
0 1158 1	BSX 151	58
0 1162 1	BSX 152	58
0 1163 1	BSX 156	59
0 1165 1	BSX 157-158	59
0 1166 1	BSX 159-160	59
0 1168 1	BSX 163-164	59
0 1169 1	BSX 165	60
0 1170 1	BSX 197	64
0 1171 1	BSX 170-171	60
0 1172 1	BSX 172-173	60
0 1173 1	BSX 166	60
0 1174 1	BSX 177	61
0 1175 1	BSX 175-176	61
0 1176 1	BSX 178-179	61
0 1177 1	BSX 180-181	61
0 1179 1	BSX 186	62
0 1183 1	BSX 190-191	63
0 1184 1	BSX 192-193	63
0 1186 1	BSX 194-195	63
0 1187 1	BSX 196	64
0 1209 1	BSX 238	69
0 1212 1	BSX 234-235	69
0 1215 1	BSX 233 (6)	68

IKA	MEGA	SAYFA NO
0 1216 1	BSX 229-230	68
0 1219 1	BSX 224-225	67
0 1220 1	BSX 222-223	67
0 1250 1	RX 120	74
0 1251 1	RX 120	74
0 1252 1	RX 911	78
0 1254 1	RX 419-420	77
0 1255 1	RX 457-458	78
0 1256 1	RX 122 H	74
0 1257 1	RX 124 H	75
0 1262 1	RX 119	141
0 1263 1	RX 140-141	141
0 1266 1	RX 103	140
0 1267 1	RX 103 F	140
0 1269 1	RX 106	140
0 1270 1	RX 117	141
0 1272 1	RX 913-914	79
0 1280 1	RX 122	74
0 1281 1	RX 124	75
0 1282 1	RX 134	76
0 1283 1	RX 135	77
0 1284 1	RX 60	72
0 1285 1	RX 70	72
0 1287 1	RX 87	73
0 1290 1	RX 132-133	141
0 1294 1	RX 120/0(2)	73
0 1295 1	RX 120/0(4)	73
0 1296 1	RX 92	73
0 1321 1	UX 79-80/0	155
0 1351 1	USX 44-21	80
0 1355 1	USX 60-59	80
0 1361 1	USX 73-85	80
0 1367 1	USX 91-92	80
0 1405 1	JX 16	142
0 1415 1	JX 30-31	142
0 1433 1	JX 42	143
0 1434 1	JX 43	143
0 1451 1	JSX 5	81
0 1454 1	JSX 9	81
0 1457 1	JSX 13	81
0 1458 1	JSX 15	82
0 1459 1	JSX 16	82
0 1461 1	JSX 18	82
0 1462 1	JSX 19	82
0 1464 1	JSX 21-22	83
0 1466 1	JSX 23-24-28	83
0 1470 1	JSX 31-32	84
0 1471 1	JSX 33-34	84
0 1472 1	JSX 35-36	84

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İKA	MEGA	SAYFA NO
0 1473 1	JSX 35-37	85
0 1474 1	JSX 38-39-40	85
0 1475 1	JSX 38-41	85
0 1478 1	JSX 43-45-44 (4)	86
0 1490 1	JSX 70-71	88
0 1492 1	JSX 74-75-76-77	88
0 1526 1	FX 67	144
0 1527 1	FX 70-71	89
0 1528 1	FX 70-72	89
0 1550 1	LAX 9	147
0 1553 1	LAX 23	147
0 1558 1	LAX 29	148
0 1559 1	LAX 30	148
0 1561 1	LAX 31-32	148
0 1569 1	LAX 80-81/0	148
0 1570 1	LAX 82	149
0 1692 1	PLX 10	154
0 1603 1	LASX 76	101
0 1604 1	LASX 5-6	97
0 1608 1	LASX 15-16	97
0 1609 1	LASX 15-27	97
0 1612 1	LASX 46-47-48	100
0 1613 1	LASX 30-31-32	98
0 1614 1	LASX 31	98
0 1615 1	LASX 36	98
0 1617 1	LASX 40-41	99
0 1618 1	LASX 42	99
0 1621 1	LASX 73-41	100
0 1623 1	LASX 86-79-80	101
0 1624 1	LASX 87-77-78	101
0 1628 1	LASX 44-45	100
0 1663 1	MASX 13-14	102
0 1664 1	MASX 15-16	102
0 1665 1	MASX 17-18	102
0 1666 1	MASX 19-20	102
0 1668 1	MASX 21-22	103
0 1669 1	MASX 23-24	103
0 1670 1	MASX 25-26	103
0 1671 1	MASX 27-28	103
0 1688 1	PLX 5	122
0 1690 1	PLSX 3	122
0 1712 1	PX 52-54	155
0 1719 1	PX 60	155
0 1746 1	PSX 81-82	123
0 1747 1	PSX 89-90	124
0 1750 1	PSX 83-84	124
0 1755 1	PSX 112	124
0 1757 1	PSX 115-116	125
0 1760 1	PSX 119-120	125

İKA	MEGA	SAYFA NO
0 1761 1	PSX 122-123-124	125
0 1766 1	PSX 129	125
0 1767 1	PSX 130	126
0 1769 1	PSX 132	126
0 1770 1	PSX 133	126
0 1771 1	PSX 136-137	127
0 1774 1	PSX 148-149/0	129
0 1775 1	PSX 138-139	127
0 1776 1	PSX 140-141	127
0 1779 1	PSX 142-143	128
0 1781 1	SVX 7	155
0 1782 1	SVX 10	156
0 1800 1	HPIX 1	158
0 1802 1	HPIX 3	158
0 1803 1	HPIX 4	158
0 1900 1	JAAX 9	152
0 1901 1	JAAX 12	145
0 1902 1	JAAX 16	150
0 1905 1	JAAX 20	145
0 1906 1	JAAX 19	145
0 1909 1	JAAX 31	150
0 1910 1	JAAX 24	150
0 1911 1	JAAX 25	150
0 1912 1	JAAX 32	145
0 1913 1	JAAX 33	152
0 1914 1	JAAX 34	151
0 1915 1	JAAX 35	153
0 1916 1	JAAX 36	151
0 1917 1	JAAX 28	152
0 1918 1	JAAX 37	146
0 1919 1	JAAX 38	153
0 1933 1	JASX 101-102	121
0 1933 1	JASX 101-102	121
0 1934 1	JASX 34-30	92
0 1935 1	JASX 35	116
0 1937 1	JASX 36-37	92
0 1938 1	JASX 39	116
0 1939 1	JASX 39 C	117
0 1940 1	JASX 14	115
0 1941 1	JASX 44-28	109
0 1942 1	JASX 15-6 (4)	91
0 1943 1	JASX 1	115
0 1945 1	JASX 22	116
0 1946 1	JASX 2	115
0 1948 1	JASX 49-61	92
0 1949 1	JASX 29	108
0 1950 1	JASX 59-60	94
0 1951 1	JASX 32-33	91
0 1952 1	JASX 31	91

İKA	MEGA	SAYFA NO
0 1953 1	JASX 40-41	108
0 1954 1	JASX 42-43	109
0 1956 1	JASX 45-46	106
0 1957 1	JASX 47-48	110
0 1958 1	JASX 56-3/0	93
0 1959 1	JASX 56-3	93
0 1960 1	JASX 57-58	93
0 1961 1	JASX 50-51	92
0 1962 1	JASX 52	117
0 1963 1	JASX 53	117
0 1964 1	JASX 54-55	93
0 1966 1	JASX 63	117
0 1967 1	JASX 70	110
0 1969 1	JASX 66-67	94
0 1971 1	JASX 69-70	110
0 1972 1	JASX 71-72	112
0 1973 1	JASX 71	111
0 1974 1	JASX 74-75	95
0 1975 1	JASX 74	94
0 1977 1	JASX 77-78	118
0 1978 1	JASX 26-27	91
0 1979 1	JASX 24-25	107
0 1980 1	JASX 23	106
0 1982 1	JASX 80-81	95
0 1983 1	JASX 82-83	112
0 1984 1	JASX 84	118
0 1985 1	JASX 85	119
0 1986 1	JASX 86-87	120
0 1987 1	JASX 21 (4)	107
0 1988 1	JASX 88	120
0 1989 1	JASX 90	112
0 1990 1	JASX 91	106
0 1991 1	JASX 89	120
0 1996 1	JASX 18-19	116
0 1997 1	JASX 79	118
0 1998 1	JASX 16-17	105
0 1999 1	JASX 100	113
FORD VISTEON	MEGA	SAYFA NO
F00U-11055-AA	FX 70-71	89
F00U-11056-AA	FX 70-71	89
F00U-11056-AA	FX 70-72	89
F3RU-11055-AA	FX 70-72	89
F1DU-10260-AA	FX 67	144
502 680 6	FX 68	144
5 026 806	FX 73	89
F7RU-11434-BA	FX 74	89
F7 RU-11056-CA	FX 75	90

KÖMÜRLER / *BRUSHES*

FORD VISTEON	MEGA	SAYFA NO
1C3U-11434-AA	FX 76-77	90

KARDEŞ

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