

*) weitere Teile im Reparaturaustausch auf Anfrage erhältlich

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Ident-Nr. Ident-No.	Bezeichnung	designation	Sel
11C017A	SB314/320A/40°	welding torch SB314/320A/40°	V
11C018A	SB399/320A/40°	welding torch SB399/320A/40°	V
11C019A	SB395/700A/30°	welding torch SB395/ 700A/30gr	V
11C023	SB395/400A/30°/Alu	welding torch SB395/400A/30°/	V
11C043	SB290/700A/ 0°	welding torch SB290/700A/ 0°	V
11C046	SB265/700A/45°/100 Versatz	welding torch SB265/700A/45/100 Versatz	V
11C048	SB265/700A/45°/130 Versatz	welding torch SB265/700A/45°/130 Versatz	V
11C051	SB399/700A/40°	welding torch SB399/700A/40°	V
11C056	SB395/800A/30°/HL	welding torch SB395/800A/30°/HL	V
11C068	SB395/400A/15° Alu	welding torch SB395/400A/15° Alu	V
11C079	SB395/2x450A/25°/35° TWIN	welding torch SB395/2x450A/25°/35° TWIN	V
11C081	SB373/2x450A/25°/35° TWIN	welding torch SB373/2x450A/25°/35° TWIN	V
11C082	SB395/2x450A/10°/20° TWIN	welding torch SB395/2x450A/10°/20° TWIN	V
11C086	SB475/700A/30°	welding torch SB475/700A/30°	V
11C088	Brenner Adapter TWIN-Single	torch adapter TWIN single	V
11C089	SB395/2x450A/30°PB/TWIN	welding torch SB395/2x450A/30°/TWIN	V
11C102	SB595/700A/40°	welding torch SB595/700A/40°	V
11C105	SB545/700A/30°/LWC	welding torch SB545/700A/30°/LWC	V
11D016B	Spkt.1000A/1.6m	torch hose package 1000A/1.6m	V
11D041A	Spkt. 700A/1.6m	torch hose package 700A/1.6m	V
11D046	Spkt. 700A/1.8m	hose package 700A/1.8m	V
11D049	Spkt. 700A/1.8m/++	torch hose package 700A/1.8m/++	V
11D052	Spkt.700A/1,8m/TD/++	torch hose package 700A/1,8m/TD/++	V
11D053	Spkt.700A/2,0m/++	torch hose package 700A/2,0m/ext.wat.con.	V
11D056	Spkt.2x500A/1,8m/TWIN/++	torch hose package 2x500A/1.8m/TWIN/ext.wat.c.	V
11D057	Spkt.2x500A/2,0m/TWIN/++	torch hose package 2x500/2m/TWIN/++	V
11D059	Spkt.700A/1.6m/++	torch hose package 700A/1,6m	V
11D073	Spkt.2x620A/2,0m/TWIN/Bajonett	torch hose package 2x620A/2,0m/TWIN/Bajonett	V
11D079--0600/160	Spkt. 600A/1,6m/++/FSC	torch hose package 600A/1,6m/++/FSC	V
11D079--0600/180	Spkt. 600A/1,8m/++/FSC	torch hose package 600A/1,8m/++/FSC	V
11D079--0600/200	Spkt. 600A/2,0m/++/FSC	torch hose package 600A/2,0m/++/FSC	V
11D079--0600/220	Spkt. 600A/2,2m/++/FSC	torch hose package 600A/2,2m/++/FSC	V
11D080--0600/160	Spkt. 2x600A/1,6m/++/FSC/Twin	torch hose package 2x600A/1,6m/++/FSC/Twin	V
11D080--0600/180	Spkt. 2x600A/1,8m/++/FSC/Twin	torch hose package 2x600A/1,8m/++/FSC/Twin	V
11D080--0600/200	Spkt. 2x600A/2,0m/++/FSC/Twin	torch hose package 2x600A/2,0m/++/FSC/Twin	V
11D080--0600/220	Spkt. 2x600A/2,2m/++/FSC/Twin	torch hose package 2x600A/2,2m/++/FSC/Twin	V
11D081--0600/160	Spkt. 600A/1,6m/++	torch hose package 600A/1,6m/++	V
11D081--0600/180	Spkt. 600A/1,8m/++	torch hose package 600A/1,8m/++	V
11D081--0600/200	Spkt. 600A/2,0m/++	torch hose package 600A/2,0m/++	V
11D082--0600/160	Spkt. 600A/1,6m/++/FSC/TD	torch hose package 600A/1,6m/++/FSC/TD	V
11D082--0600/180	Spkt. 600A/1,8m/++/FSC/TD	torch hose package 600A/1,8m/++/FSC/TD	V
11D082--0600/200	Spkt. 600A/2,0m/++/FSC/TD	torch hose package 600A/2,0m/++/FSC/TD	V
11D083--0600/160	Spkt. 600A/1,6m/++/FSC/FD	torch hose package 600A/1,6m/++/FSC/FD	V
11D083--0600/180	Spkt. 600A/1,8m/++/FSC/FD	torch hose package 600A/1,8m/++/FSC/FD	V
11D083--0600/200	Spkt. 600A/2,0m/++/FSC/FD	torch hose package 600A/2,0m/++/FSC/FD	V
11D085--0600/200	Spkt. 600A/2,0m/++/FSC/3-Draht	torch hose package 600A/2,0m/++/FSC/Triple	V
21E005	Motor 01MB4+ Ad+ Wegg.kpl.A5	motor 01MB4+ adaptor+ encoder compl. A5	E
21E016C	Durchführung RT330/RT280V	leadthrought wrist joint RT330/RT280V	E
21E018C	RT280 Brennerabsch.5.A	RT280 torch disconnection 5.axis	E
21E027B	Brennerabsch.6.A.RT-330.1	torch torch disconnection 6.axis RT-330.1	E
21E034	Durchführung ELS-Laser	leadthrough ELS-laser	E
21E044	Durchführung TWIN ONE HOSE	leadthrough TWIN ONE HOSE	E
21E045	Brennerabsch. TWIN ONE HOSE	torch disconnection TWIN ONE HOSE	E
21E051	Twindurchführung Cobra TD	leadthrough TWIN Cobra	E
21F001	RT280 Getriebe 6.A.gepr.	RT280 gear 6th axis	E
21H102	RT330-370 Vormontage Gasfeder	dampner assembly RT330-RT370	E
21H607	Durchführung Push-Pull	leadthrough push-pull	E

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21W006	Bajonett Single-HWS.1-kupp	Bajonett Single-HWS.1-coup.	E
21X029A	Montage 15kg Spule RT330/RT280	ass. 15kg coil on RT330/280	E
22B007	Konsole 3 komplett	console 3, complete	E
22B007R	Konsole 3 komplett	console 3, complete	E
22B013	Kons.2 KNI-NET int.m.Zust.sch.	console 2, KNI-NET with adm.	E
22B013R	Kons.2 KNI-NET int.m.Zust.sch.	console 2, KNI-NET with adm.	E
22B016	Kons.2 16Achsen int.m.Zust.sch	console 2, 16 axis internation	E
22B016R	Kons.2 16Achsen int.m.Zust.sch	console 2, 16 axis internation	E
22B023	K4 mit Sharp-Display / 12pol.	console 4 complete	E
22B023A	K4 mit Sharp-Display/ 12 pol.	console 4 complete WIG	E
22B023AR	K4 mit Sharp-Display/ 12 pol.	console 4 complete WIG	E
22B023R	K4 mit Sharp-Display / 12pol.	console 4 complete	E
22B028	Konsole 3 (NA+ZS 2-kanal)	Console 3, complete	E
22B028R	Konsole 3 (NA+ZS 2-kanal)	Console 3, complete	E
22B135	Konsole 4 m. Joystick 2KANAL	console 4+Joystick 2channel	E
22B135A	Konsole 4+Joystick 2KANAL WIG	console 4+Joystick 2channel WIG	E
22B135AR	Konsole 4 m. Joystick 2KANAL	console 4+Joystick 2channel WIG	E
22B135R	Konsole 4 m. Joystick 2KANAL	console 4+Joystick 2channel	E
22B136	Konsole 4 m. Sharp-Displ.2KANAL	console 4 w. Sharp-Display	E
22B136A	Konsole 4 m. Sharp-Displ.2KANAL WIG	console 4 w. Sharp-Display WIG	E
22B136AR	Konsole 4 m. Sharp-Displ.2KANAL	console 4 w. Sharp-Display WIG	E
22B136R	Konsole 4 m. Sharp-Displ.2KANAL	console 4 w. Sharp-Display	E
22B139A	K5II	console 5 II	E
22B139AR	K5II	console 5 II	E
22B140A	K5II+Joystick	console 5 II + Joystick	E
22B140AR	K5II+Joystick	console 5 II + Joystick	E
22B142A	K5II+Joystick/Hw-NOTAUS	console 5 II + joystick emergency stop	E
22B142AR	K5II+Joystick/Hw-NOTAUS	console 5 II + joystick emergency stop	E
22B143A	K5II+Joystick/Hw-Zustimmung	console 5 II+ Joyst.	E
22B143AR	K5II+Joystick/Hw-Zustimmung	console 5 II+ Joyst.	E
22B146A	K5II/Hw-NOTAUS	console 5 II emergency stop, no joy	E
22B146AR	K5II/Hw-NOTAUS	console 5 II emergency stop, no joy	E
22B152	K5II+Joystick/Hw-Zustimmung	teach pendant 5 II	E
22B152R	K5II+Joystick/Hw-Zustimmung	teach pendant 5 II	E
22B159	K5 VGA Offline komplett	teach pendant 5 VGA offline complete	E
22B159R	K5 VGA Offline komplett	teach pendant 5 VGA offline complete	E
22D094[R]	Digitale Achsrechner	digital position controller	E
22D157A[R]	Gasdüsensuchen m.Abd.	gas nozzle sensing board	E
22D375A[R]	IASS mod.	IASS mod.	E
22D378[R]	HBV5000 SEO 24V v11	servo HBV5000 SEO 24V 1024I/U 914-60	E
22D379[R]	HBV1500 SEO 24V 1024I/U 914-2	servo HBV1500 SEO 24V 1024I/U 914-2	E
22D380[R]	HBV3000 SEO 24V 1024I/U 914-40	servo HBV3000 SEO 24V 1024I/U 914-40	E
22D386A[R]	Pistolenabsch.o.Verzög.m.Abd.	circuit impact torche	E
22D394	KPS 600/20 ESC/KRC2	KPS 600/20 ESC/KRC2	E
22D407[R]	Steuerprint HBV Servo	control print HBV Servo	E
22D441	TEAC FD-235HF-C929Floppydrive	floppy disc drive 3.5	E
22D443[R]	HBV10000 SEQ 24V 1024I/U Abgl.	servo HBV10000 SEQ 24V 1024I/U Abgl.	E
22D477[R]	Klemmschaltung / 20V Netzg.	Clamping board 20V RT330	E
22D479[R]	Stromregler 1kW f. RS510	servo amplifier 1kw for RS510	E
22D504[R]	Stromregler 600W FET	servo 600W FET	E
22D515[R]	Analoge Ausgangskarte f.WIG	analog output board f. WIG	E
22D521[R]	Dig.Achsrech.mod.o.Front	axis control card	E
22D529[R]	Stromregler 2.7kW FET MC23S	servo 2.7kW FET MC23	E
22D541	PU200-10C 5V/40A Netzgerät PR	PU200-10C 5V/40A power supply	E
22D547[R]	MTB MultiTransputerBoard 96F01	MTB MultiTransputerBoard	E
22D556F	Servo CPX8506IP Vers.6.2i	SERVO CPX8506IP Vers.6.2i.	E
22D557G	Servo CPX2506IP Vers.6.2i	Servo CPX2506IP Vers.6.2i	E

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22D558[R]	Libo-Pci-Karte "Kurz"	Libo-Pci-board	E
22D619	TEAC FD-235HF 3,5" f. Transput	TEAC FD-235HF 3,5" f. Transput	E
22D623	DDYS-T0917 SCSI-HARDDISK 68PIN	DDYS-T0917 SCSI-HARDDISK 68PIN	E
22D640	KVGA C2.0 für KCP2/K5	KVGA C2.0 for KCP2/K5	E
22D929	KSD1-8 Servomodul Achse 3-6	servomodul KSD1-8	E
22D930	KSD1-16 Servomodul Achse 1-2	servomodul KSD1-16	E
22D932[R]	Initiatorprint RT330 AC	Initiatorprint RT330 AC	E
22D943	RDW2 Karte	RDW2 board	E
22D945	HEDA-DSE modifiziert	HEDA-DSE modified	E
22D951	DSE-IBS-C33 AUX KRC2 XP	DSE-IBS-C33 AUX KRC2 XP	E
22D952	CI-Board ESC 3.0 Extended XP	CI-Board ESC 3.0 Extended XP	E
22D953	KPC2004 HDD,Stossg.Ausf.Kom.XP	KPC2004 HDD,Kom.XP	E
22D957[R]	iLS ADC V1	iLS ADC V1	E
22D958	Rs232 zu rs422/485	Rs232 to rs422/485	E
22D971A	EDS Display komplett	EDS display complete	E
22S006	Buskoppler BK5250 (BK5200)	bus coupler BK5250	E
22S011	Devicenet 8kanal Dig.Output	devicenet 8channel dig. Input	E
22S012	Devicenet 8kanal Dig.Input 24V	devicenet 8channel dig. Input 24V	E
23Z002	Prüfspitze Nirosta A2	calibration point	E
26E038	RTi-Datenkabel Roboterintern	Rti data cable internal	E
27A574	Resolverkab.f.HDY-Motor 2.5m	resolver cable for HDY-motor 2.5m	E
27B004	Konsolenkabel f.Konsole 2 10m	cable console 2 10m	E
27B009	Konsolenkabel f.Konsole 2 15m	cable console 2 15m	E
27B012	Konsolenkabel f.Konsole 3 10m	cable console 3 10m	E
27B098	Konsolenkab. f.Konsole 3 15m	cable console 3 15m	E
27B391	Kabel f.Konsole 4 10m NA99V1	cable f. console 4 10m NA99V1	E
27B393	Kabel f.Konsole 4 20m NA99V1	cable f. console 4 20m NA99V1	E
27B398	Motorkabel f. HDY-115	motor cable for HDY-115	E
27B423-010	Konsolenkabel K5 10m	cable for console 5 10m	E
27B423-015	Konsolenkabel K5 15m	cable for console 5 15m	E
27B423-020	Konsolenkabel K5 20m	cable for console 5 20m	E
27B423-025	Konsolenkabel K5 25m	cable for console 5 25m	E
31A007	Schneckenrad R65/9.25	worm wheel R65/9.25	E
31A035	Schneckenrad R53/6.67	worm wheel R53/6.67	E
31A053	Druckfeder 206 mm	pressure spring l=206mm	E
31A100	Rückstellfeder	recoil feather	E
31A1005	Absteckwerkzeug 4.-6.A.RTi-330	setting tool 4.-6. axis Rti-330	E
31A1017-01	Absteckstift D=8/L=160 axis 1	stick pin D=8/L=160 Achse 1	E
31A1017-03	Absteckstift D=8/L=290 A1-A3	stick pin D=8/L=290 A1-A3	E
31A1017-04	Absteckstift D=5/L=160 A4-A6	stick pin D=5/L=160 A4-A6	E
31A148	Zahnriemen 16T5-390	toothed belt 16T5-390	E
31A156	Spannstück	clamping piece	E
31A166	Druckfeder 18 lg	pressure spring 18	V
31A198	Kegelritzel z=13,m=0.5	bevel pinion z=13,m=0.5	E
31A199	Kegelrad z=84,m=0.5	bevel gear z=84,m=0.5	E
31A218A	Adapter 01MB4 5.Achse	Adaptor 01MB4 5th axis	E
31A229	Stromdüse 0,8 kurz	contact tube 0.8 short	V
31A230	Stromdüse 1,0 kurz	contact tube 1.0 short	V
31A231	Stromdüse 1,2 kurz	contact tube 1,2 short	V
31A233	Stromdüse 0,8 lang	contact tube 0.8 long	V
31A234	Stromdüse 1,0 lang	contact tube 1.0 long	V
31A235	Stromdüse 1,2 lang	contact tube 1.2 long	V
31A244B	Überwurfmutter	nut	V
31A248	Teflonhülse gerade	teflon sleeve straight	V
31A266	Gasdüse kompl.	gas nozzle standard compl.	V
31A267	Gasdüse schmal kurz	gas nozzle short	V
31A268	Gasdüse lang	gas nozzle long	V

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31A383A	Prüfspitze f. Draht 1.2	reference pin for wire 1.2	E
31A394A	Prüfspitze 1.2	testing tip 1.2	E
31A397	Gasdüse SO extra lang IGM-Bren	special gas nozzle extra long	V
31A402A	Prüfspitze f. Draht 1.6	testing tip 1.6mm	E
31A405	Kegelrad z=81,m=0.5	bevel gear z=81, only with 31A	E
31A406	Kegelritzel z=13,m=0.5	bevel pinion z=13, only with 3	E
31A467	Druckfeder c=30.28N/mm ²	pressure spring c=30.28N/mm ²	V
31A507A	Überwurfmutter Alu	union nut	E
31A509E	Isolierring	insulating ring	E
31A543	Kugelgewindestift	set screw	E
31A635A	Federndes Druckstück, HK 4360	spring-thrust piece HK 4360	V
31A654	Gehäuse Al	casing box	E
31A658B	Funkenschutz 5mm dick	spark protection 5mm	V
31A668	Spannschr. M5 f.kupp.SPKT	clamping screw M5 f.hose package	V
31A801	Druckfeder Da=11Lo=22ig=7d=1,6	pressure spring Da=11Lo=22ig=7d=1,6	V
31A804B	Kontaktscheibe	contact disc	E
31A846	Gehäuse 6.A. für Wechselsystem	casing 6 axis for change system	E
31A964	Wasser Stromkabel A=20	water current cable A=20	V
31A965	Wasser Stromkabel A=50	water current cable A=50	V
31A967B	Pistolenaufnahme kpl.RT280/330	torch seat assembly	E
31A989	HL-Prüfspitze f.Draht 1.2	HL-testing tip 1.2	E
31A992	Wasser-Stromkabel A=214	water current cable A=214	V
31A993	Pistolenanschluß komplett	torch connection compl.	E
31A994	Mittelteil komplett	center part complete	E
31G008	iCAM Wechselfenster	iCAM safety glass	V
31G028	iCAM-ibs Wechselfenster	iCAM safety glass ibs	V
31H004	Lagerbuchse 5.A.RT330	bearing bush 5.axis RT330	E
31H007	Sonderwellenm.KM6 5.A.RT330	special shaft nut KM6 5.A.RT330	E
31H008A	Doppelschneckenwelle 5.A.RT330	shaft/double lead screw 5A	E
31H010	Schneckenrad 5.A.RT330	worm wheel 5.A.RT330	E
31H012A	Stellhülse 5.A.RT330.1	adjustable adapter 5.A.RT330.1	E
31H014	Hypoidkegeltr.paarw.5.A.RT330	hypoid bevel gear 5.A.RT330	E
31H015A	Lagerbock 5.A.RT330	bearing block 5.axis RT330	E
31H018B	Hohlwelle TWIN Torch Drive	shaft twin torch drive	E
31H021	Kegelrad Stufe"2"6.A.RT330	bevel wheel "2" 6.A.RT330	E
31H022	Kegelritzel Stufe"2"6.A.RT330	bevel pinion "2" 6.A.RT330	E
31H023	Kegelritzel Stufe"1"6.A.RT330	bevel pinion "1" 6.A.RT330	E
31H024	Kegelrad Stufe"1"6.A.RT330	bevel wheel "1" 6.A.RT330	E
31H028	Adapter f.Winkelschrittig. K92	adaptor for encoder K92	E
31H048	Weggeberadapter für RS510-L1	adaptor for encoder RS510-L1	E
31H049	Spannhülse-Spkt.Ans.6.A.RT330	clamping sleeve 6.axis RT330 hose package	E
31H106	Schneckenrad 1.+2.A.RT330	worm wheel 1.+2.A.RT330	E
31H203B	Schwenkauge 2.A.RT330.1	swivelling eye 2.A.RT330.1	E
31H204B	Kurbelscheibe bearb.1A.RT330.1	cranc disc machined 1 axis RT330.1	E
31H317	Riemenrad1 1.Stufe 6.A.RTi-330	belt wheel 1.step 6.A.RTi-330	E
31H329	Zahnriem.HTD5M-180 6.A.RTi330S	toothed belt HTD5M-180 6.A.RTi330S	E
31H408	Ritzel Stufe 1 Getr.4.A.RT330	pinion "1" gear 4.axis RT330	E
31H606	Sonderwellenmutter RT330	special shaft nut RT330	E
31K012	Doppelschnecke (1 Paar)	double-lead screw	E
31S076	Zmb.Drahtf.schl.zweiseitig 10m	wire feeding hose 10m	V
31S219	Zmb.Drahtf.schl.zweis.6,5m	wire feeding hose 6.5 m	V
31S417	Abdeckung Z-Anschluß VSMG	covering Z connection	E
31S424	Drahtführungsadapter	wire guiding adaptor	E
31S442	Antriebseinheit TD-22m/min	gear motor unit push pull 22m/min	E
31S446	Adapter-Deckel Push-Pull	adaptor-cover push pull	E
31S497	Gehäuse für Twin One Hose	housing for twin one hose	E
31S498	Aufsetzring für EWS	ring for EWS	E

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31S502	Halterring TWIN ONE HOSE	holding ring twin one hose	E
31S553	Pistolenaufnahme - RTi-330	torch connection RTi330	E
31Y079	Zahnrad"1"f.Umdrehungsz.BS	gear wheel "1" f. revolution counter	E
41B005	Sechskantmutter M 8	hexagonal nut M8	E
41B154	Wellenmutter selbstsich.FU00SS	self-locking nut FU00SS	E
41B155	Wellenmutter selbstsich.FU01SS	self-locking nut FU01SS	E
41D005	Federring A 8	split washer A8	E
41J012	Tellerfeder B 112 x57 x4	spring B 112 x57 x4	E
41J037	Druckstück HWN 205S-M5-K	thrust piece HWN 205S-M5-K	E
42A001	Rillenkugellager 6302	deep-groove ball bearing 6302	E
42A008	Rillenkugellager 61810 , T	deep-groove ball bearing 61810, T	E
42A009	Rillenkugellager 618/8 (688)	deep-groove ball bearing 618/8	E
42A027	Kegelrollenlager 30302, J2	tapered roller bearing 30302, J2	E
42A028	Kegelrollenlager 32014 X	tapered roller bearing 32014 X	E
42A029	Kegelrollenlager 30206	tapered roller bearing 30206	E
42A034	Schraegkugellager 7201 B.TVP	angular ball bearing 7201 B	E
42A038	Nilos-Ring 61810AV	nilos-Ring 61810AV	E
42A040	Zylinderlager 12/16x8	cylinder bearing 12/16x8	E
42A041	Zylinderlager PAP 0810 P10	cylinder bearing PAP 0810 P10	E
42A045	Lupoleonstopfen 20 GPN 300F19	Lupoleon plug 20 GPN 300F19	V
42A078	Rillenkugellager 61814	deep-groove ball bearing 61814	E
42A087	Kegelrollenlager 30205 A	tapered roller bearing 30205 A	E
42A223	Rillenkugellager 61815	deep-groove ball bearing 61815	E
42A225	Rillenkugellager 16002/2Z	deep groove roller bearing 160	E
42A226	Axialnadellager NKX10 10TN	thrust roller bearing NKX10	E
42A228	Nadelhülse HK1010	needle bush HK1010	E
42A239	Rillenkugellager 61807	deep groove roller bearing 160	E
42A247	Kegelrollenlager 332060	tapered roller bearing 332060	E
42A248	Kegelrollenlager 32006X0	tapered roller bearing 32006XD	E
42A254	Kegelrollenlager 32005X0	tapered roller bearing 32005XD	E
42A274	Axialnadellager AXK 1024	thrust roller bearing AXK 1024	E
42A275	Axialscheibe AS 1024	axial disc AS 1024	E
42A276	Axialscheibe LS 1024	axial disc LS 1024	E
42A510	Axial-Schrägkugellager90x40x23	axial ball bearing 90x40x23	E
42E019	FJUM-01-16 Flanschlager	FJUM-01-16 plastic bushing	E
42E020	WSM-1618-20 Gleitlager	WSM-1618-20 sleeve bearing	E
42E021	WSM-4044-30 Gleitlager	WSM-4044-30 sleeve bearing	E
43A002	Unilat-Kupplung A032E-D06-D10	unilat-coupling A032E-D06-D10	E
43A004	MC13SR0001 1.27Nm/3000U/min/	MC13S motor 70V/1.27Nm/3000U/m	E
43A005	Motor Stabanker BBC-UGTMEM-01M	motor BBC-UGTMEM-01M	E
43A006	Motor Stabanker BBC UGTMEM-03S	motor BBC UGTMEM-03S	E
43C005	Zahnriemen HTD 560-5M-25	toothed belt HTD 560-5M-25	E
43C010	Zahnriemen PGGT 5MR-425-25	toothed belt PGGT 5MR-425-25	E
43C012	Zahnriemen PGGT 5MR-375-15	toothed belt PGGT 5MR-375-15	E
43C089	Zahnriemen PGGT 5MR-330-15	toothed belt PGGT 5MR-330-15	E
43D056	Motor RS440	motor RS440	E
43D062	Motor RS340	motor RS340	E
43D063	Motor RS320	motor RS320	E
43D069	Motor RS440 + Stecker	RS440 motor adapted+connector	E
43D071	Motor RS340 bearb.+Stecker-041	RS340 motor adapted+connector 041	E
43D072	Motor RS240 bearb.+Stecker-041	RS240 motor adapted+connector	E
43D133	600V Motor Typ E Achse 4,5,6	600V motor Type E axis 4,5,6	E
43D141	MHA105 60 06 5 19 21 65 4	motor MHA105 60 06 5 19 21 65 4	E
43D151	MDSKRSRS050-23 mit Nut+Stecker	MDSKRSRS050-23 with slot+plug	E
43D153	MDSKRSRS030-43 ohne Nut+Stecker	MDSKRSRS030-43 without slot+plug	E
43D154	MDSKRSRS030-43 mit Nut+Stecker	MDSKRSRS030-43 with slot + plug	E
43D161	Motor 1. u. 2.Achse RTi-330	motor 1. u. 2.axis RTi-330	E

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Ident-Nr. Ident-No.	Bezeichnung	designation	Sel
43D162	Motor 3. u. 5.Achse RTi-330	motor 3. u. 5.axis RTi-330	E
43D163	Motor 4. u. 6.Achse RTi-330	motor 6.axis RTi-330	E
43D165	MDSKRS040-53 ohne Nut+Stecker	MDSKRS040-53 without slot+plug	E
43F046	XFCGS 110-59/19/115	XFCGS 110-59/19/115	E
43G002	Kupplung Unilat A032A-D06-D06	coupling unilat A032A-D06-D06	E
44A002	Stromdüse stand.1,0	contact tube 1.0 standard	V
44A003	Stromdüse stand.1,2	contact tube 1.2 standard	V
44A005	O-Ring Viton 17.04 x3.53 Viton	O-ring Viton 17.04x3.53	V
44A006	O-Ring Viton 18.42 x 5.33	O-ring Viton 18.42x5.33	V
44A111	O-Ring ID=6mm, w=1.5mm Viton	O-ring ID=6mm, w=1.5mm	V
44A113	O-Ring ID=5.28mm, w=1.78/Viton	O-ring ID=5.28mm, w=1.78/Viton	V
44A114	O-Ring ID=8mm, w=1mm Viton 80	O-ring ID=8mm, w=1mm Viton 80	V
44A116	O-Ring ID 5.00x1.50	O-ring ID 5.00x1.50	V
44A120	O-Ring ID 4.00x1.00 80Shore	O-ring ID 4.00x1.00 80Shore	V
44B015	Schutzglas f. M-SPOT 90	safety glass for M-Spot 90	V
44B022	Schutzglas für Mini-i/60 + 90	safety glass for mini-i/60+90	V
44B045	Schutzglas für JUPITER Kamera	safety glass for JUPITER camera	V
45A003	Schmiernippel M6	grease nipple M6	V
45A021	Schmiernippel R1/8	grease nipple R1/8	V
45A034	Schmiereinheit Simalube 125	grease cartridges Simalube 125	V
45E007	Wasserfilter ext.f.Wasserpumpe	water filter external f. water pump	V
45E008	Filterrohrsieb f.Filter 45E007	filter tube f. filter 45E007	V
46A147	Winkeleinschr.anschl. R1/4 d 6	male elbow coupling G1/4 d 6	E
46A148	Ger.Verbindungsanschluß d 6	straight plug-type conn. d 6	E
46A172	2-Ohr Quetschklemme	spring clip 9-11 2-Ohr	E
46A208	Drosselrückschlagventil-DRV1/8	one-wax restrictor DRV 1/8	E
46A244A	Einspritzöler LUBI-08 1/4"	LUBI-08 injection oiler 1/4"	E
46A252	Schlauch PA 6x1 Da=6 bl	hose PA 6x1 Da=6 bl	V
46A253	Schrumpfschlauch IMCS 38/12	shrink hose IMCS 38/12	V
46A273	Schlauch Unipress	hose unipress	V
46A274	Schlauch Nyflex NW8x3	hose nyflex NW8x3	V
46A338	Dieselfilter	water filter	V
46A346	Winkel-Einschr.Anschl.G1/8 d 6	male elbow coupling G1/8 d 6	E
46A349	Ger.Einschr.verbind.	connection	E
46A413	Winkelanschluß d 4	swivel elbow adaptor d 4	E
46A416	Schlauch PA 8x1 Da=8 nt	hose PA 8x1 Da=8 nt	V
46A417	Winkeleinschr.anschl. R1/4 d 8	male elbow coupling R1/4 d 8	E
46A436	1-Ohr-Quetschkf.m.Einlagering	1 ear-spring clip with ring	E
46A439A	Strömungswächter	water monitoring	E
46A440	Adapter für Strömungswächter	adapter f. flow monitors	E
46A441	Anschlußkabel M12 5m Kabel	connection cable M12	E
46A442	Strömungswächter FK4000R	water monitoring FK4000R	E
46A502	Dieselfilter	water filter	V
46A503	Schl.stecktülle D1= 6/D2= 5	hose nozzle D1= 6/D2= 5	E
46A516	Schlauch NW 19x3,5	hose NW 19x3,5	V
46A522	Schlauch PA 8x1 Da=8 rt	hose PA 8x1 Da=8 rt	V
46A567	Schlauch PU 4x6 Da=6 sw	hose PU 4x6 Da=6 sw	V
46A590	Ger.Reduzierverbindung 6/8	reduction 6-8	E
46A626	Zerstäuber Flexibel	liquid spray diffuser	E
46A702	Rectus-Schottverschraubung	Rectus-bulkhead fitting	E
46A704	Rectus-Stecknippel	fixing nipple	E
46C006	4-Wege-Kugelhahn	4-way valve	E
46C007	Druckschalter 0,1-1bar	manometric switch 1bar	E
46D030A	Kreuzstück Innengewinde 1/4	cross female 1/4" f. 46A426	E
46D042	Winkelsteckanschluß	angular plug connection	E
46D060	Kreuzstück Innengewinde G1/4	cross pice core thread G1/4 f. 46A439A	E
46D400	Hochdr.Stoßfettpr.180ccm250bar	grease gun 180ccm250bar	E

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46D401	Hochdr.Hebelfettpr.300ccmkompl	grease gun 300 ccm compl	E
46D402	Panzerschl.300mm zuFettp.1/8"R	armored hose 300mm 1/8"	V
46D403	Fettpr.Schiebemundstk.16mm1/8"	tip f. grease gun 16mm 1/8"	V
46D404	Uni-Mundstück M9x1 f. 46D400	nozzle for grease gun	V
46D405	Handfettpresse für HF	hand grease gun	E
46D409	Spitznippel M9x1 f.46D400	splash nipple for grease gun	V
46F002	Leitungshalter f. d=36	cable holder	E
46L009A	Schneidplattenpaar f. DAS	cutting plates f. DAS	V
46M002A	DM3000DL Luftmotor	DM3000DL air motor	E
47A002	Winkelschrittgeber	angular encoder	E
47A027	Initiator 5m Kabel	initiator 5m cable	E
47A035	Winkelkod+Stecker	angular encoder+connector	E
47A078	Winkelschrittgeber G71SSCDBI	encoder G71SSCDBI	E
47A152	Initiator m.Kabel nur RT280	initiator with cable only f. RT280	E
47B031	Init+Steck.0.25m	initiator + plug 0.25m	E
47B032	Init+Stecker/0.5m	initiator + plug 0.5m	E
47C009	XCK-P854Positionsschalter	position switch	E
48A136	Umdrehungszähler mechanisch	revolution counter	E
48A145	Fräser f.Gasdüse dm17/65lg fro	cleaning milling cutter	V
48A244	Kette PKK325/300x xxx/100/150	chain PKK325/300x xxx/100/150	E
48C009	Schienenführungswagen 35	guiding carriage 35	E
48C010	Schienenführungswagen 55	guiding carriage 55	E
48C012	Schienenführungswagen 25	guiding carriage 25	E
48C040A	Führungswagen Gr. 35	guiding carriage 35	E
48C041A	Führungswagen Gr.55	guiding carriage 55	E
48D033	Linearschiene 35 L=400	linear guiding	E
48D038	Linearschiene 35 L=3040	linear guiding	E
48D064	Abdeckkappe f Linearschiene 35	cover for rail	E
48D065	Abdeckkappe f Linearschiene 55	cover for rail	E
48D069	Abdeckkappe für HGR30..35 Sch.	cover for rail	E
48D070	Abdeckkappe für HGR55 Schiene	cover for rail	E
48G016	4Drahtreinigungsfilz	4D wire cleaner	V
48G065	Fräser f.Gasdüse dm15/65lg igm	cleaning milling cutter dm15/65lg igm	V
48G066	Fräser f.Gasdüse dm12/65lg igm	cleaning milling cutter dm 12/65lg igm	V
48G102	Federzug 1-2kg (1.6m)	Lifti-balancer 1-2kg (1.6m)	E
48G105	Kontaktblock E2 102.052.31 m.S	kontakt-block A 102.052.01	E
48G107	Stützr.spiralf.ID=6.1AD=9T=0,7	supporting ring spiral ID=6.1AD=9T=0,7	V
48G108	Bürste 0.2 V2A-Draht	brush 0.2 V2A-wire	V
48G406	Befestigungsmutter M30x1,5 Alu	fastening nut M30x1,5 Alu	E
50A289	900412 VM280 Überspg.ableiter	900412 VM280 surge arrester	E
53A004	9533 CD Miniatur-Drucktaster	9533 CD mini switch	E
53A008	Relais 24VDC	Relais 24VDC	E
53A245	Trafo-Sanft-Einschalter	soft starter	E
53A262	PNOZmulti Eingangsmodul mi1p	PNOZmulti input modul milp	E
53A271	PNOZmulti DeviceNet mc4p	PNOZmulti DeviceNet mc4p	E
53A272	PNOZmulti Basisgerät m1p V3.0	PNOZmulti Basic	E
53K001	4658N oder 4656N Lüfter	fan 4658N or 4656N	E
53K071	Lüfter 80x80x38mm 8556N	fan 80x80x38mm 8556N	E
53K088B	Sonderkühlg. ES 400V/50-60Hz	cooling unit ES 400V/50-60Hz	E
53K141	Batterie 12V SA4	accu 12V (KRC2)	V
53K159	Sicherungsbeipack KRC2-Schrank	fuse set KRC2	V
60A003	Druckr.m.Trapeznut 1.2	1.2 pressure roller	V
60A004	Druckr.m.Trapeznut 1.6	1.6 pressure roller	V
60A011	Druckr. Nut glatt 1.2	pressure roller, slot smooth 1.2	V
60A012	Druckr. Nut glatt 1.6	pressure roll 1.6	V
60A013	Druckr. Nut glatt 1.4	preassure roll 1.4	V
60A018	Triebr.m.Trapeznut 1.2	driver roller, trapez. Groove 1.2	V

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60A019	Triebr.m.Trapeznut 1.6	driver roller, trapez. Groove 1.6	V
60A042	Drahtdüse f.1.0mm Ig30mm Stahl	wire nozzle 1.0 30mm	V
60A043	Drahtdüse f.1.2mm Ig 32,5mm MS	wire nozzle f.1.2mm 32,5 mm	V
60A044	Drahtdüse f.1.6mm Ig 32,5mm MS	wire nozzle for 1.6mm 32,5 mm	V
60A045	Drahtdüse f.2.4mm Ig30mm Stahl	wire nozzle f.2.4mm Ig30mm steel	V
60A046	Drahtdüse f.2.8mm Ig30mm Stahl	wire nozzle f.2.8mm Ig30mm steel	V
60A047	Drahtdüse f.3.2mm Ig30mm Stahl	wire nozzle f.3.2mm Ig30mm steel	V
60A049	Drahtdüse f.1.0mm Ig.32,5 MS	wire nozzle 1.0 32,5mm	V
60A057	O-Ring 16x3 800A,NBR 7001	O-ring 16x3	V
60A058	O-Ring 7x1.5	7x1.5 O-ring	V
60A059	O-Ring 4x1.5	O-ring 4x1.5	V
60A061	Schlauchanschluss	hose connection	E
60A063	AW650RO Gasduese	AW650R0 gas nozzle	V
60A064	AW800A Lochring	punched ring AW800A	V
60A065	AW650A Lochring	punched ring AW650A	V
60A066	Klemmutter M20x1,5/ADm 37mm	clamping nut M 20 x 1.5	V
60A068	Distanzring	distance ring	V
60A079	Kabelkupplung 70-95	cable coupling 70-95	E
60A080	Kabelstecker 70-95	cable connector 70-95	E
60A095	Anschl.stueck	connection piece	V
60A096	Drahteinlaufstück 0.8-1.8	wire entry guide 0.8-1.8	V
60A1011	Fixiergewindestück M24x1,5	threaded piece M24x1,5	V
60A1012	Isolierring	isolating ring	V
60A1013	Düsenstock	nozzle base	V
60A1014	Spritzerschutz	spatter protection	V
60A1015	Gasdüse kon.schraub.dm25/17x79	gas nozzle con. dm25/17x79	V
60A1016	Suchring	ring	V
60A1017	Einlaufstück 2-Draht	entry guide twin wire	V
60A1030	Ventilgrundkörper G1/8" 2/2Weg	valve G1/8" 2/2Weg	E
60A1035	Ventilspule 24V/DC	valve spool 24V/DC	E
60A1044	Schutzschlauch mit Gewebe	protection tube	V
60A1045A	Lederschutzschl.50x1/1,8m 3End	protection tube leather 50x1/1,8m 3End	V
60A1046	Aufnahme Schlauchmuffe TWIN	seat for hose sleeve	E
60A1047	Abdeckung f.Schraube TWIN	cover for screw TWIN	E
60A1048	Zentrierrohr TWIN ONE HOSE	central-tube water one hose	V
60A1049	Zentrierrohr Wasser TWIN	central-tube water TWIN	V
60A1050	Anschlußrohr TWIN ONE HOSE	connection tube twin one hose	V
60A1053	Anschlußteil SPKT TWIN kpl.	connection piece hose package twin compl.	E
60A1054	Drahtf.schl.d6/9 1,8m MASTER	wire feeding hose 6/9 1,8m MASTER	V
60A1055	Drahtf.schl.d6/9 1,8m SLAVE	wire feeding hose 6/9 1,8m SLAVE	V
60A1056	Buchse 3-polig TWIN ONE HOSE	socket 3-way TWIN ONE HOSE	E
60A1057	Klemme Band 47,6	clamp 47,6	E
60A1058	Überwurfmutter M56x2 TWIN	nut M56x2 TWIN	E
60A1059	Isolierplatte symmet.14mm TWIN	insulating plate sym. 14mm TWIN	V
60A1060	Knickschutz TWIN ONE HOSE	crack protection	V
60A1061	Steckkupplung M5 SW2,7	stick-coupling M5 SW2,7	V
60A1062	Wasserschlauch UV-beständig	water hose UV-protected	V
60A1063	Schlauchmuffe für SPKT ++	socket for hose package	V
60A1064	Zentralanschluß Fronius ++	central connection	E
60A1065	Fixiering f. SPKT ++	fixing ring hose package	E
60A1067	Adapter Strom/Wasser	adaptor power/water	E
60A1068	Wasserstromkabel W 10/1,8m F++	water-power-cable W 10/1,8m F++	V
60A1070	Drahtdüse f.1,2mm Ig30mm Stahl	wire nozzle for 1,2mm 30mm steel	V
60A1071	Drahtdüse f.1,6mm Ig30mm Stahl	wire nozzle for 1,6 mm 30mm steel	V
60A1072	Gasdüse gerade TWIN 900 78,5mm	gaz nozzle TWIN 900 78,5 mm	V
60A1081	Spannstück m. Mutter f. Seele	tension piece with nut	V
60A1082	Spannstück m.Mutter f.WIGSEELE	clamping piece with nut	V

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60A1086	Wasserstromkabel 2m TWIN	water current cable 2m twin	V
60A1088	Zentralanschluß 500A	central connection 500 A	E
60A1111	Drahtführungsseele 2,9x1,0/0,5	wire feeding core 2,9x1,0/0,5	V
60A1117	Wasserstromkabel 2,0m++	water-power-cable 2,0m	V
60A1121	Gasanschluß TWIN M5/SW8x39	gas connection	V
60A1136-250	Wasser-Stromkabel L=250/16mm2	water current cable 2.5m	V
60A1139	Gasdüse TWIN für 11C104 LFR	gas nozzle TWIN for 11C104	V
60A1140	Isol.pl. TWIN für 11C104 LFR	insulating plate for 11C104	V
60A1141	Düsenst. M10 für 11C104 LFR	nozzle base M10 for 11C104	V
60A1143	Dreidrahtadapter	3-wire adapter	E
60A1150	Stromkabel W16/81mm TWIN igm	power cable W16/81mm TWIN igm	V
60A1156	Vorschubrolle FSR U 1,2mm	drive roll FSR U 1,2mm	V
60A116	Graphitseele dm2,5/4,6	teflon liner dm2,5/4,6	V
60A1161	Anschlussstück Pistolenaufnahme	conn.piece torch receipt TWIN	V
60A1162	Pistolenaufnahme TWIN	torch connection TWIN	E
60A1164	Schneidring D6	cutting ring D6	V
60A1165	Mittelteil TWIN Anschluss	center part connection TWIN	E
60A1167	Wasserschlauch sw transparent	water hose black	V
60A137	O-Ring 5x2 Viton BR 70	O-Ring 5x2 Viton BR 70	V
60A141	Strombüchse EB50-70 600	bush EB50-70 600	V
60A146	Drahtfördersch. d=5.4	wire feeding tube d=5.4	V
60A153	Kontaktrohr 0.8	contact tube 0.8	V
60A155	Kontaktrohr 2.0	contact tube 2.0	V
60A156	Kontaktrohr 2.4	contact tube 2.4	V
60A166	Kontaktrohr 1.0	contact tube 1.0	V
60A167	Kontaktrohr 1.2	contact tube 1.2	V
60A167SI	Kontaktrohr 1.2 Silber+	contact tip 1.2 silver+	V
60A168	Kontaktrohr 1.6	contact tip 1.6	V
60A169	Überwurfmutter	M40x1.5 union nut	V
60A176	Druckr. Nut glatt 1.0	pressure roller flat groove 1.0	V
60A179	Triebr.m.Trapeznut 1.0	driving roller trap.groove 1.0	V
60A182	Druckr.m.Trapeznut 1.0	pressure roller trap.groove 1.0	V
60A189	Druckr.f.Röhrchendr 1.2	pressure roller, tubular 1.2	V
60A190	Druckr.f.Röhrchendr 1.6	pressure roller, tubular 1.6	V
60A194	Druckr. Glatt 08-1.6	pressure roller, flat groove 08-1.6	V
60A195	Kontermutter M18x1.5	counter nut M18x1,5	V
60A200	Gasdüse dm17 zyl.steck.Doppma.	gas nozzle conical 17x30 plugg	V
60A273	Zwischenrad Stahl	pinion steel	V
60A300	Suchring a.Federstahl	grading ring	V
60A318	Drahtf.seele dm1,6/3,9 lg>2,7m	wire feeding core 1.6x1.60m	V
60A322	Drahtf.seele dm1,9/4,3 lg>2,7m	wire feeding core 1.9x1.60m	V
60A326	Drahtf.seele dm2,3/4,7 lg>2,7m	wire feed. core dm2,3/4,7 2,7m	V
60A329	Klemmring f.Dr.f.s. 1.9	clamping ring wire feeding 1.9	V
60A330	Klemmring f.Dr.f.s.2.3	clamping ring wire feeding 2.3	V
60A354	Klemmring 6x6 d=5.1	clamping ring 6x6 d=5.1	V
60A357	Drahtf.seele dm2,9/4,9 lg>2,7m	wire feeding core dm2,9/4,9 lg>2,7m	V
60A358	Drahtf.seele/2.9/3.5m	wire feeding core/2.9/3.5m	V
60A454	Ventilator 220V 42W 150x55	fan 220V 42W 150x55	E
60A481	O-Ring f.Zentralanschluß 5x1,5NBR	O-ring, main connection 5x1,5NBR	V
60A514	Zentralanschluß f.LD	central connection	E
60A515	Gasdüse zyl. stb.1000A	gas nozzle cyl. 1000A	V
60A536	Druckr.o.Nut o.Verz.ST	pressure roller without slot	V
60A538	Drahtf.seele dm3,5/5,0 2,5m lg	wire feeding core 3,5/5,0 2,5m	V
60A543	Kontaktr.1.4 f.Alu 1.2	contact tube 1.4 (aluminium 1.2)	V
60A544	Wasserschlauch	water hose	V
60A554	Drahteinlaufblock vers.	wire feed-block	V
60A576	Düsenst.f.SB/850A/40xM10	nozzle base f.SB/850A/40xM10	V

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60A578	Düsenst.f.SB/700A/40xM10	nozzle base f.SB/700A/40xM10	V
60A579	Düsenst.f.SB/700A/40xM1	nozzle base f.SB/700A/40xM1	V
60A582	Düsenst.SB/520A/30xM8IGM	nozzle base f.SB/520A/30xM8IGM	V
60A584	Z-Anschl.vorsch.seit.M12x1,25	central connection M12x1,25	E
60A586	Isolierhülsenaufnahme	retention insulating sleeve	V
60A588	Düsenstock M12/M10x1.25	nozzle base M12/M10x1.25	V
60A591	Druckscheibe D=18.6/27x	thrust disc d=18.6	V
60A592	Klemmutter M20x1	clamping nut M20x1	V
60A593	Führungsring D=10.2/22x4,5	guidance ring D=10.2/22x4,5	V
60A595	Kontermutter 16x1,5 Gasvert. R	counter nut 16x1,5	V
60A605	Gasdüse dm17 kon.7Gr Doppelma.	gas nozzle dm17 kon.	V
60A610	Mag.Ven7BAR MV2/242V/53HzG1/8"	solenoid valve 7BAR MV 2/2 42V/53Hz G1/8"	E
60A612	Fixierring SB-TIME	fixing ring torch TIME	V
60A614	Gasdüse kon. 17mm TIME	gas nozzle conical 17mm TIME	V
60A616	Kontaktrohr 1,2mm TIME	contact tube 1.2 TIME	V
60A617	Düsenstock 1,2mm TIME	nozzle base 1.2mm TIME	V
60A618	Druckrolle 1,2 PR6 TIME	pressure roll 1,2 PR6 TIME	V
60A632	Anschl.stk.1/8NPTF SW 10	connection piece 1/8NPTF SW 10	V
60A633	Wasser-Strom-Kabel 1.6m	water-power-cable 1.6m	V
60A636	Drahtfördersch. idm5,7 1.6m	wire feeding hose idm 5,7 1.6m	V
60A637	Schrumpfschlauch D=3.2	tube D=3.2	V
60A638	Buchse m.Dosenaufnehmer	socket	E
60A639	Zugentlastung kpl	strain relief complete	E
60A640	Steuerleitung m.Stecker	control line with plug	E
60A641	Lederschutzschlauch 43x1 1.35m	protection hose leather 43x1 1.35m	V
60A642	O-Ring D=8x1	O-Ring D=8x1	V
60A643	Kupplung schraubk.kpl.ZA	coupling, centr. connection	E
60A644	Gasanschluß M6/SW 8x30	gas connection M6/8x30	V
60A646	Knickschutz D=60x180	anti-knik D=60x180	V
60A648	Klemme 1-Ohr 10,0/dm8,3-10,0	spring clip 1-lug with ply 9.5	V
60A670	Klemme 1-Ohr m.Einlage 8.7	spring clip 1-lug with ply 8.7	V
60A678	Wasserverteiler mDoppel	water distribution	V
60A681	Klemmutter f.40Gr.Br.KI	clamping nut for torch 40ø	V
60A685	Schlauchmuffe D=49x323	hose sleeve D=49x323	V
60A686	Lederschutzschlauch 38x1/1.35m	leather hose 38x1/1.35m	V
60A709	O-RING D=5x1.2 MBR	O-RING D=5x1.2 MBR	V
60A711	Stecknippel 21SFTF08MXX	nipple 21SFTF08MXX	V
60A741	Düse f.KD D=1.0 SW 7x10	nozzle D=1.0 SW 7x10	V
60A774	Microminiaturtaster kpl	micro mini switch compl.	E
60A797	Wasseranschl.R1/8"NPTF	water connection R1/8"NPTF	E
60A846	Zwischenantriebsrad St	driving wheel	V
60A847	Lederschutzschlauch 43x1/1.8m	leather hose 43x1/1.8m	V
60A848	Drahtfördersch. 1.8m	wire feeding hose 1.8m	V
60A849	Wasser-Strom-Kabel 1.8m	water-power-cable 1.8m	V
60A850	6bar MV 2/2 24VGR G1/8"	6bar MV 2/2 24VGR G1/8"	E
60A859	Einlaufrohr-Motorplatte	tube-motorplate	V
60A860	Drahtführungseinsatz	wire feeding piece	V
60A866	Graph.-Bronzes.2,0/2,0 4,5/4,0	bronze-core 2,0/2,0 4,5/4,0	V
60A867	Graph.-Bronzes.2,5/2,7 4,6/4,7	bronze-core 2,5/2,7 4,6/4,7	V
60A868	Spritzerschutz Twin	splashguard TWIN	V
60A869	Düsenstock Twin 900	tip adaptor TWIN	V
60A881	Gaslinse dm2.4 WIG PW32	gas lense dm2.4 WIG PW32	V
60A886	Düsenstock HL M10x1,25	nozzle base HL M10x1,25	V
60A888	Verbindungshülse	connecting sleeve	V
60A889	Carbon-Bronzes.2,0/2,0 4,7/4,0	carbon-bronze-core 2.0 4,7/4,0	V
60A890	Düsenstock M8/Fronius	tip adaptor M8/	V
60A891	Gasdüse schmal Fronius	gas nozzle thin	V

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*) other parts in standard exchange available - please inquire

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60A892	Steuerleitung 1,8m	control line 1,8m	V
60A893	Gasdüse dm20 kon.7Gr.Doppelma.	gas nozzle dm20 kon.	V
60A912	Gasdüse gerade TWIN 900 82,5mm	gas nozzle TWIN 900 82,5mm	V
60A915	Dichtung rund 33x1	O-ring 33x1	V
60A935	Kontaktrohr d=1.2 M6x24	contact tip d=1.2 M6x24	V
60A938	TWIN-Gasprüfrohr	TWIN-gas detector	V
60A939	Kontaktrohr ZB1.2	contact tip ZB1.2	V
60A941	Kontaktrohr ZB1.6	contact tube ZB1.6	V
60A944	Schwenkhebel	swivelling lever	V
60A945	Einlaufstück	feeding piece	V
60A946	Achse-2	axis-2	V
60A950	Achse-1	axis-1	V
60A951	Wippe	seesaw	V
60A955	Drahtf.Einsatz 0.8-1.2 Graphit	wire guide 0.8-1.2 Graphit	V
60A956	Drahtf.Einsatz 1.6	wire guide 1.6	V
60A957	Graph.-Bronzes.3,0/2,7 4,6/4,7	graphite-bronze-core 3,0/2,7 4,6/4,7	V
60A968	Überwurfmutter M40x1,5	union nut M40x1,5	V
60A969	Kupplung schraubbar	coupling	V
60A970	Schlauchmuffe	hose sleeve	V
60A971	Wasser-Strom-Kabel	water-flow-cable	V
60A975	Carbon-Bronzes.2,0/2,7 4,7/4,7	carbon bronze core 2,0/2,7 4,7/4,7	V
60A987	Schlauch PUR 5,5x1,25x8 RT	hose PA11 dm4,8/7,9	V
60C014	VS-Motorplatte TA18	motor plate TA18	E
60C015	VS-Motorplatte TPS22	motor plate TPS22	E
60C019	Motormontageplatte komplett	motor mounting plate complete	E
60C020	VS-Motor+Istwertgeber TA18	motor+encoder TA 18	E
60C021	VS-Motor+IstwertgeberTPS22	motor+encoder TPS22	E
60C023	VS-Motorplatte PBT D	motor plate PBT D	E
60C024	VS-Motor 42V-24:1 18/22m	motor 42V-24:1 18/22m	E
60C026	Motor+Optokoppler 21:1	motor+optocoupler 21:1	E
60C029	Triebrad 2	main wheel 2	V
60C030	Triebrad 1	main wheel 1	V
60C031	Düse 0.8-1.2	nozzle 0.8-1.2	V
60C032	Düse 1.4-1.6	nozzle 1.4-1.6	V
60C035	Triebrolle 1.2	driving roll 1.2	V
60C036	Triebrolle 1.6	driving roll 1.6	V
60C037	Motor+Istwertgeber	motor+encoder	E
60C039	Druckhebel rechts VS 18(22)30	preassure lever right m.p.PBT	E
60C040	Druckhebel links VS 18(22)30	preassure lever left m.p. PBT	E
60C041	Bolzen VS 18(22)30	bolt VS 18(22)30	V
60C043	Deckplatte Motorpl. PBT	cover f. motorplate PBT	E
60C054	Druckstück VS	pressure piece	V
60C055	Druckfeder VS	pressure spring	V
60C056	Spannmutter für Motorplatte	claming nut for motorplate	E
60C057	Spannachse f. Motorplatte	clamping axis for motorplate	E
60C074	Zwischenrad	wire feed roller	V
60C081	Antriebsrad isoliert	driving roll insulated	V
60X127	Gasprüfrohr	gas control tube	V
60X144	Pumpe f.FK7/FK71/FK71-R li.dr.	pump f.FK7/FK71/FK71-R	E
60X154	Pumpe f. FK4000R	pump f. FK4000R	E
60X180	Pumpe f. FK9000 Y-2051.0002	pump f. FK9000 Y-2051.0002	E
63C003	Carbon Förderseele 2,0/4,7	carbon wire feeding core 2,0/4,7	V
63C005	Carbon Förderseele 2,0/4,0	carbon wire feeding core 2,0/4,0	V
63C022	Direct pull kit WWDP	Direct pull kit WWDP	E
63C025	Fronius Adapter WWA1FRO	Fronius adaptor WWA1FRO	E
63C026A	Conduit FC-X Flex	Conduit FC-X Flex	E
63C027	Male Adaptor A-10C-X	Male Adapter A-10C-X	E

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65D022	iCAM SPKT 3m Pigtail	iCAM torch hose package 3m Pigtail	V
65E041	Gasführung O2-m.Rundring 10x1	guiding ring gas 10x1	E
65K021	Glühkerze - ENJA Nr.3	glow plug ENJA Nr.3	V
65K026	Zündkabel kompl. l=200mm	ignition cable compl. L=200mm	E
66W091B	Montageplatte "kurz" EWS	mounting plate	E
66W095	Rolle	roll	V
86A022	Acryllack Spray RAL7032 matt	spray paint RAL7032	V
86A044	Acryllack Spray RAL2002 rot	spray paint RAL2002 red	V
86E001	Haftschm.Spray S45 , 400ml	grease spray S45, 400 ml	V
86E006	ISOFLEX LUBRICATION 1kg	ISOFLEX LUBRICATION 1kg	V
86E009	SYNTHESO GLEP 1 1kg	SYNTHESO GLEP 1 1kg	V
86E010	Klüüberplex BEM 34-132	Klüüberplex BEM 34-132	V
86E015	Longtime PD2 5 kg	Longtime PD2 5 kg	V
86K001	Trennööl 1Liter	separating oil, 1 litre	V
86K002	Trennööl 5Liter	separating oil, 5 litres	V
86K004	P34 Fett f.Stromk. 0.5 kg	P34 grease f. current coupling 0,5kg	V
86M001	Doppelbartschlüssel SZ2531	two-day key SZ2531	V
86M003	Stromdüsenschl.Gr.	key for contact tube, large	V
86M004	Stromdüsenschl.Kl.	key for contact tube, small	V
86P004	Brenner-Kühlflüssigkeit 5l	torch cooling liquid 5l	E
89B003	Motor Torchdrive Cobra kompl.	motor Torchdrive Cobra compl.	E
89B005	RS320 Motor+Ritzel	RS320 Motor+pinion	E
89C002	Doppelschnecke komplett	double worm screw	E
89C003	Hypoidkegeltrieb komplett	hypoid pinion	E