

Part Number	Part Name	Description
613000100	DS 4/1.5-50	Liner for 0.8 mm (0.030") wire; 50.0 m
613000135	DS 4/1.5-3.5	Liner for 0.8 mm (0.030") wire; 3.5 m
613000155	DS 4/1.5-5.5	Liner for 0.8 mm (0.030") wire; 5.5 m
613000200	DS 4/1.8-50	Liner for 1.0 mm (0.039") wire; 50.0 m
613000235	DS 4/1.8-3.5	Liner for 1.0 mm (0.039") wire; 3.5 m
613000255	DS 4/1.8-5.5	Liner for 1.0 mm (0.039") wire; 5.5 m
613001350	DST 1-3.5	Liner for Aluminum - High Temp for 0.8 mm (0.030") wire; 3.5 m
613002000	DSK 1-100	Liner for Aluminum for 0.8 mm (0.030") wire; 100 m
613002003	DSK 1-0.3	Liner for Aluminum for 0.8 mm (0.030") wire; 0.3 m
613002025	DSK 1-2.5	Liner for Aluminum for 0.8 mm (0.030") wire; 2.5 m
613002035	DSK 1-3.5	Liner for Aluminum for 0.8 mm (0.030") wire; 3.5 m
613002055	DSK 1-5.5	Liner for Aluminum for 0.8 mm (0.030") wire; 5.5 m
623000300	DS 4/2.2-50	Liner for 1.2 mm (0.045") wire; 50.0 m
623000335	DS 4/2.2-3.5	Liner for 1.2 mm (0.045") wire; 3.5 m
623000355	DS 4/2.2-5.5	Liner for 1.2 mm (0.045") wire; 5.5 m
623000400	DS 4/2.4-50	Liner for 1.4 mm (0.052") wire; 50.0 m
623000435	DS 4/2.4-3.5	Liner for 1.4 mm (0.052") wire; 3.5 m
623000455	DS 4/2.4-5.5	Liner for 1.4 mm (0.052") wire; 5.5 m
623000535	DS 4/2.9-3.5	Liner for 1.6 mm (1/16") wire; 3.5 m
623000555	DS 4/2.9-5.5	Liner for 1.6 mm (1/16") wire; 5.5 m
623001003	DST 2-0.3	Liner for Aluminum - High Temp for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 0.3 m
623001250	DST 2-2.5	Liner for Aluminum - High Temp for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 2.5 m
623001350	DST 2-3.5	Liner for Aluminum - High Temp for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 3.5 m
623001500	DS 4/2.9-50	Liner for 1.6 mm (1/16") wire; 50.0 m
623001550	DST 2-5.5	Liner for Aluminum - High Temp for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 5.5 m
623002000	DSK 2-100	Liner for Aluminum for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 100 m
623002003	DSK 2-0.3	Liner for Aluminum for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 0.3 m
623002035	DSK 2-3.5	Liner for Aluminum for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 3.5 m
623002055	DSK 2-5.5	Liner for Aluminum for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 5.5 m
623002500	DSK 3-100	Liner for Aluminum for 1.6 mm (1/16") wire; 100 m
623002535	DSK 3-3.5	Liner for Aluminum for 1.6 mm (1/16") wire; 3.5 m
623002555	DSK 3-5.5	Liner for Aluminum for 1.6 mm (1/16") wire; 5.5 m
623003000	DSS 2-100	Liner for Special Alloys Capillary liner for special use with high-abrasive applications
623003065	DSS 2-6.5	Liner for Special Alloys Capillary liner for special use with high-abrasive applications
623003085	DSS 2-8.5	Liner for Special Alloys Capillary liner for special use with high-abrasive applications
628010012	SSL 1/2	Service Tools - Special Spanner for tightening contact tips and contact tip adaptors
628100001	Liner Gauge	Liner Gauge (Distance sleeve)
628140000	SAD 2-404/540	Neck Checking Fixture, 450 and 550 amp
628145700	SAD 5700	Nozzle adaptor for use with 1-3-57xx SAD nozzles
628150006	GS 2 M6	Contact Tip Adaptor M6 contact tip adaptor for 450 amp model
628150008	GS 2 M8	Contact Tip Adaptor M8 contact tip adaptor for 450 amp model
629030008	3-2-0.8	Contact Tip for 0.8 mm (0.030") wire
629030009	3-2-0.9	Contact Tip for 0.9 mm (0.035") wire
629030010	3-2-1.0	Contact Tip for 1.0 mm (0.039") wire
629030012	3-2-1.2	Contact Tip for 1.2 mm (0.045") wire
629030016	3-2-1.6	Contact Tip for 1.6 mm (1/16") wire
629030108	3-2-0.8 M8	Contact Tip for 0.8 mm (0.030") wire

Part Number	Part Name	Description
629030109	3-2-0.9 M8	Contact Tip for 0.9 mm (0.035") wire
629030110	3-2-1.0 M8	Contact Tip for 1.0 mm (0.039") wire
629030112	3-2-1.2 M8	Contact Tip for 1.2 mm (0.045") wire
629030114	3-2-1.4 M8	Contact Tip for 1.4 mm (0.055") wire
629030116	3-2-1.6 M8	Contact Tip for 1.6 mm (1/16") wire
629033008	3-2-0.8 CR-ZR	Contact Tip for 0.8 mm (0.030") wire
629033009	3-2-0.9 CR-ZR	Contact Tip for 0.9 mm (0.035") wire
629033010	3-2-1.0 CR-ZR	Contact Tip for 1.0 mm (0.039") wire
629033012	3-2-1.2 CR-ZR	Contact Tip for 1.2 mm (0.045") wire
629033014	3-2-1.4 CR-ZR	Contact Tip for 1.4 mm (0.055") wire
629033016	3-2-1.6 CR-ZR	Contact Tip for 1.6 mm (1/16") wire
629033110	3-2-1.0 M8 CR-ZR	Contact Tip for 1.0 mm (0.039") wire
629033112	3-2-1.2 M8 CR-ZR	Contact Tip for 1.2 mm (0.045") wire
629033113	3-2-1.3 M8 CR-ZR	Contact Tip for 1.3 mm (0.052") wire
629033114	3-2-1.4 M8 CR-ZR	Contact Tip for 1.4 mm (0.055") wire
629033116	3-2-1.6 M8 CR-ZR	Contact Tip for 1.6 mm (1/16") wire
629070005	ME 300 HS	Rear Handle Assembly Components Holding screws, 10 pcs
629160000	16-2	Rear Handle Assembly Components Water plug
629171003	VL 170 BLAU	Rear Handle Assembly Components Connection hose, blue
629171004	VL 171 ROT	Rear Handle Assembly Components Connection hose, red
629172001	VL 172	Rear Handle Assembly Components Cap, blue
629172002	VL 173	Rear Handle Assembly Components Cap, red
629270270	SH 270	Clamp sleeve
629363005	36-2-WDET	Intake spout
629470100	WB 1	Wire brake for wire- \varnothing 0,8-1,6 mm
629900016	O-Ring	O-ring, 23x2 mm
630163482	METZ 600-1.2 N /0244	Water-Cooled Cable Assembly 1.2 m (includes connector housing)
630163483	METZ 600-1.4 N /0244	Water-Cooled Cable Assembly 1.4 m (includes connector housing)
630163484	METZ 600-1.8 N /0244	Water-Cooled Cable Assembly 1.8 m (includes connector housing)
630163485	METZ 600-2 N /0244	Water-Cooled Cable Assembly 2.0 m (includes connector housing)
630163486	METZ 600-2.5 N /0244	Water-Cooled Cable Assembly 2.5 m (includes connector housing)
630163487	METZ 600-3 N /0244	Water-Cooled Cable Assembly 3.0 m (includes connector housing)
630163488	METZ 600-3.5 N /0244	Water-Cooled Cable Assembly 3.5 m (includes connector housing)
630163489	METZ 600-1.2 N /WB1 /0244	Water-Cooled Cable Assembly 1.2 m (includes connector housing), wire brake
630163490	METZ 600-1.4 N /WB1 /0244	Water-Cooled Cable Assembly 1.4 m (includes connector housing), wire brake
630163491	METZ 600-1.8 N /WB1 /0244	Water-Cooled Cable Assembly 1.8 m (includes connector housing), wire brake
630163492	METZ 600-2 N /WB1 /0244	Water-Cooled Cable Assembly 2.0 m (includes connector housing), wire brake
630163493	METZ 600-2.5 N /WB1 /0244	Water-Cooled Cable Assembly 2.5 m (includes connector housing), wire brake
630163494	METZ 600-3 N /WB1 /0244	Water-Cooled Cable Assembly 3.0 m (includes connector housing), wire brake
630163495	METZ 600-3.5 N /WB1 /0244	Water-Cooled Cable Assembly 3.5 m (includes connector housing), wire brake
630163511	METZ 600-1,6 N /0244 torch set	Water-Cooled Cable Assembly 1.6 m (includes connector housing)
630163512	METZ 600-1,6 N /WB1 /0244 torch set	Water-Cooled Cable Assembly 1.6 m (includes connector housing), wire brake
630670006	MEPTTZ 670-5 N /0257	Torch set Torch sets for through arm robots
630670007	MEPTTZ 670-8 N /0257	Torch set Torch sets for through arm robots
630670008	MEPTTZ 670-12 N /0257	Torch set Torch sets for through arm robots
630671016	MEPTTZ 671-5 N /0257	Torch set Torch sets for conventionell robots
630671017	MEPTTZ 671-8 N /0257	Torch set Torch sets for conventionell robots

Part Number	Part Name	Description
630671018	MEPTTZ 671-12 N /0257	Torch set Torch sets for conventionell robots
631154001	METZ 544 M8	Torch head (includes neck and consumables)
631154002	METZ 540 L	Torch head (includes neck and consumables)
631154005	METZ 540 XL	Torch head (includes neck and consumables)
631154009	METZ 540 L M8	Torch head (includes neck and consumables)
631154010	METZ 542 L M8	Torch head (includes neck and consumables)
631154011	METZ 544 L M8	Torch head (includes neck and consumables)
631154012	METZ 540 XL M8	Torch head (includes neck and consumables)
631154013	METZ 542 XL M8	Torch head (includes neck and consumables)
631154014	METZ 544 XL M8	Torch head (includes neck and consumables)
631155002	6-3-5522 L METZ	Water-Cooled Neck, 600 amp 22 degree, long length
631155003	6-3-5545 L METZ	Water-Cooled Neck, 600 amp 45 degree, long length
631155005	6-3-5522 XL METZ	Water-Cooled Neck, 600 amp 22 degree, extended length
631155006	6-3-5545 XL METZ	Water-Cooled Neck, 600 amp 45 degree, extended length
631157001	METZ 570 L	Torch head (includes neck and consumables)
631157004	METZ 570 XL	Torch head (includes neck and consumables)
631159001	METZ 590 L	Torch head (includes neck and consumables)
631159002	METZ 592 L	Torch head (includes neck and consumables)
631159003	METZ 594 L	Torch head (includes neck and consumables)
631159004	METZ 590 XL	Torch head (includes neck and consumables)
631159005	METZ 592 XL	Torch head (includes neck and consumables)
631159006	METZ 594 XL	Torch head (includes neck and consumables)
631354002	METZ 542 M8	Torch head (includes neck and consumables)
631354014	METZ 540 M8	Torch head (includes neck and consumables)
631355004	METZ 5500	Torch head (includes neck and consumables)
631355005	METZ 5522	Torch head (includes neck and consumables)
631355006	METZ 5545	Torch head (includes neck and consumables)
631357001	METZ 570	Torch head (includes neck and consumables)
631357002	METZ 572	Torch head (includes neck and consumables)
631357003	METZ 574	Torch head (includes neck and consumables)
631359001	METZ 590	Torch head (includes neck and consumables)
631359002	METZ 592	Torch head (includes neck and consumables)
631359003	METZ 594	Torch head (includes neck and consumables)
632006364	VLEZ 600-18 /0244	Water-Cooled Cable Bundle 1.8 m cable bundle
632006366	VLEZ 600-25 /0244	Water-Cooled Cable Bundle 2.5 m cable bundle
632006367	VLEZ 600-30 /0244	Water-Cooled Cable Bundle 3.0 m cable bundle
632006368	VLEZ 600-35 /0244	Water-Cooled Cable Bundle 3.5 m cable bundle
632006371	VLEZ 600-18 WB 1 /0244	Water-Cooled Cable Bundle 1.8 m cable bundle, wire brake
632006373	VLEZ 600-25 WB 1 /0244	Water-Cooled Cable Bundle 2.5 m cable bundle, wire brake
632006374	VLEZ 600-30 WB 1 /0244	Water-Cooled Cable Bundle 3.0 m cable bundle, wire brake
632006375	VLEZ 600-35 WB 1 /0244	Water-Cooled Cable Bundle 3.5 m cable bundle, wire brake
638400001	DMG 100-1.1 Nm	Service Tools - Torque transmitter; for tightening contact tips
638400002	DMS 100	Service Tools - Torque Wrench; for tightening contact tips (torque bit not included)
638400003	DMB 100-M6	Service Tools - Torque bit (M6)
638400004	DMV 100	Service Tools - Torque extension
638400005	DMB 100-M8	Service Tools - Torque bit (M8)
638900025	KCZME 600 SAZ	Rear Handle Assembly, Euro

Part Number	Part Name	Description
638900045	KCZME 600 N	Rear Handle Assembly
639060001	O-ring 20 x1.5 (10 pcs)	O-ring for 590 torch neck series (to seal the gas nozzle)
639060003	O-ring 22 x 2 (10 pcs)	O-ring for 540 torch neck series (to seal the gas nozzle)
639060005	O-ring 18 x 2 (12 pcs)	O-ring, .709" x .079"
639073019	MET 070	Connector Housing Assembly, Connector housing
639076001	ME 090	Connector Housing Assembly, Socket set for clutch
639077001	MEX 100	Cable Plug Set For DINSE wire feeders, only assembled
639085001	ME 080	Connector Housing Assembly, Push button set for setup mode
639112007	RETZ 110 N	Rear Handle Assembly Components (Clutch) Plug insert (for power pin version)
639116068	ME 600 SAZ	Rear Handle Assembly Components Plug insert, Euro
639116076	ME 600 N	Rear Handle Assembly Components Plug insert
639118003	PP 102	Power Pin Miller® Access Feeder 60 Series, Access Feeder 70 Series
639118004	PP 103	Power Pin Tweco® #4
639118005	PP 104	Power Pin Panasonic® Gun Slinger 260 standard
639118009	PP 108	Power Pin Fronius® VR 5000 rob/PAP
639118015	PP 133	Power Pin OTC Daihen AF-4001, AFA-4001, AFT-4201, AFU-4201
639118016	PP 114	Power Pin Kemppi® DT 410
639118026	PP 100	Power Pin
639118028	PP 1092	Power Pin
639119004	519-1	2 m - not terminated Control Cable
639119005	519-2	5 m - not terminated Control Cable
639119006	519-4	18" 4-pin AMP CPC series connector Control Cable
639119007	519-6	24" 3-Pin Amphenol 97 series connector Control Cable
639119008	519-9	18" 12-pin Burndy UTG Series connector(ABB) Control Cable
639119009	519-10	24" 5-pin Mini plug Control Cable
683100001	SAS 100	Clutch
683100015	SAS 640	Dust boot
683100018	SAS 650	Switch set
683100035	SAS 100/002	Shock Sensor
683100036	SAS 100 dummy	Solid Mount
683116002	ADF 6002	Insulating Disc, FANUC
683116002	ADF 6002	Insulating Disc, Staubli
683116002	ADF 6002	Insulating Disc, Yaskawa Motoman
683116007	ADF 6007	Insulating Disc
683116012	ADF 6012	Insulating Disc, ABB
683116012	ADF 6012	Insulating Disc, FANUC
683116012	ADF 6012	Insulating Disc, OTC Daihen
683116017	ADF 6017	Insulating Disc, ABB
683116017	ADF 6017	Insulating Disc, FANUC
683116018	ADF 6018	Insulating Disc, ABB
683116024	ADF 6024	Insulating Disc, FANUC
683116025	ADF 6025	Insulating Disc, Hitachi
683116026	ADF 6026	Insulating Disc, KUKA
683116028	ADF 6028	Insulating Disc, Hyundai
683116029	ADF 6029	Insulating Disc, KUKA
683116031	ADF 6031	Insulating Disc, Cloos
683116032	ADF 6032	Insulating Disc, Cloos

Part Number	Part Name	Description
683116033	ADF 6033	Insulating Disc, Cloos
683116038	ADF 6038	Insulating Disc
683116040	ADF 6040	Insulating Disc, Yaskawa Motoman
683116042	ADF 6042	Insulating Disc, ABB
683116042	ADF 6042	Insulating Disc, COMAU
683116042	ADF 6042	Insulating Disc, FANUC
683116042	ADF 6042	Insulating Disc, Hitachi
683116042	ADF 6042	Insulating Disc, Kawasaki
683116042	ADF 6042	Insulating Disc, KUKA
683116042	ADF 6042	Insulating Disc, Mitsubishi
683116042	ADF 6042	Insulating Disc, Yaskawa Motoman
683116047	ADF 6047	Insulating Disc, Yaskawa Motoman
683116070	ADF 6070	Insulating Disc, Manutec
683116084	ADF 6084	Insulating Disc, KUKA
683116085	ADF 6085	Insulating Disc, KUKA
683116086	ADF 6086	Insulating Disc, ABB
683116089	ADF 6089	Insulating Disc, OTC Daihen
683116103	ADF 6103	Insulating Disc, Reis
683116103	ADF 6103	Insulating Disc, Staubli
683116106	ADF 6106	Insulating Disc, Reis
683116160	ADF 6160	Insulating Disc, Panasonic
683116161	ADF 6161	Insulating Disc, Panasonic
683116221	ADF 6221	Insulating Disc, COMAU
683116221	ADF 6221	Insulating Disc, Kawasaki
683116221	ADF 6221	Insulating Disc, Reis
683116221	ADF 6221	Insulating Disc, SEF
683116302	ADFD 6302	Insulating Disc
683116311	ADF 6311	Insulating Disc
683136312	DIX ADFD 6312	Flange CWD for Panasonic TM 1100; TM 1400; TM 1800; TM 2000 DIX ADFD 6312
683500100	PHF 100	Mounting Arm, 45 degree, fixed
683500104	PHF 110	Mounting Arm, 30 degree, fixed
683500123	PHF 123	torch bracket, fixed 23°
683500130	torch bracket, fixed DIX FD200-0,9 Steel	torch bracket
683501100	PHW 100	Mounting Arm, 45 degree, adjustable
683510018	HA 110/011 (30°)	Retainer, 30 degree, fixed mounting arm
683510093	HA 100/073 retainer	Retainer for mounting arm
683510100	HA 100 (0°)	Retainer, 45 degree, fixed and adjustable mounting arm
683510108	HA 102 V (45°) retainer	Retainer for mounting arm
683520101	ZF 101 intermediate flange	Transition Disc
683530100	FH 100	Bracket, 45 degree, fixed mounting arm
683530110	FH 110	Bracket, 30 degree, fixed mounting arm
683541100	WH 100	Bracket, 45 degree, adjustable mounting arm
683551100	WI 100	Rocker, 45 degree, adjustable mounting arm
685300101	PV 100	Neck Checking Fixture, 450 and 550 amp Neck Checking Fixture
685300151	PV 150	Neck Checking Fixture, 350 amp Neck Checking Fixture
685301101	PVB 100	Neck Checking Fixture, 450 and 550 amp Base plate
685301151	PVB 150	Neck Checking Fixture, 350 amp Base plate

Part Number	Part Name	Description
685302105	PVS 100	Neck Checking Fixture, 350 amp, 450, 550 amp Support set
685302114	PVL 108	Neck Checking Fixture, 350 amp, 450, 550 amp Set up pin, 0,8 mm OD contact tips
685302115	PVL 106	Neck Checking Fixture, 350 amp, 450, 550 amp Set up pin, 0,6 mm OD contact tips
685303112	PVP 100	Neck Checking Fixture, 350 amp, 450, 550 amp Torch adaptor
685305100	JM 100	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning module
685305110	JW 100	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning tool
685305120	JH 100	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning bracket
685305130	JB 100	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning socket
685305140	JBW 100	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning pin - W
685305150	JBH 100	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning pin - H
685305201	JSZ 104	Neck Checking Fixture, 350 amp, 450, 550 amp Aligning cylinder
685305211	JSA 100	Neck Checking Fixture, 450 and 550 amp Aligning adaptor
685305212	JSA 101	Neck Checking Fixture, 350 amp Aligning adaptor
685305222	JSL 108	Neck Checking Fixture, 450 and 550 amp Aligning gauge
685305223	JSL 107	Neck Checking Fixture, 350 amp Aligning gauge
685305224	JSL 109 M8	Neck Checking Fixture, 450 and 550 amp Aligning gauge (M8)
685305230	JS 390/590	Neck Checking Fixture, 350 amp Aligning set
685305250	JS 570	Neck Checking Fixture, 450 and 550 amp Aligning set
685305290	JS 5500	Neck Checking Fixture, 600 amp Aligning set
685305807	Transportbox 335x240x71mm	Transport Box
687001057	extention DIX N 40mm	Power Pin Extender, 40mm
687001060	extention DIX N 60 mm	Power Pin Extender, 60mm
687003402	flange DIX ADFRD 6302	Insulating Disc
687003403	flange DIX ADFRD 6303	Insulating Disc
687003411	flange DIX ADFRD 6311	Insulating Disc
687003412	flange DIX ADFRD 6312	Insulating Disc
687003500	ADFL 6300	Insulating Disc, Yaskawa Motoman
687003502	ADFL 6302	Insulating Disc, ABB
687003503	ADFL 6303	Insulating Disc, FANUC
687003503	ADFL 6303	Insulating Disc, Yaskawa Motoman
687003504	ADFL 6304	Insulating Disc, KUKA
687003505	ADFL 6305	Insulating Disc, KUKA KR 16 arc HW
687003506	ADFL 6306	Insulating Disc, OTC Daihen
687003508	ADFL 6308	Insulating Disc, Reis
687003511	ADFL 6311	Insulating Disc, ABB
687003512	ADFL 6312	Insulating Disc, Panasonic
687003513	ADFL 6313	Insulating Disc, Kawasaki
687400023	ABSC 361	Clutch Connector Disconnection (with control ring and dust boot)
687400024	SR 361	Clutch Connector Control ring for clutch
687400028	TS 360-663	Water-Cooled Cable Bundle (Clutch) repair set, hoses - for cable bundle lengths to 3.0 m (9' 10");
687400049	RETZ 660	Clutch Connector Connection set
687413004	ADH 6700	Adapter Sleeve
687418003	RETZ 663-0.8 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1100, TM-1400
687418004	RETZ 663-1.05 N /0243	Water-Cooled Cable Assembly (Clutch), ABB IRB 1600
687418005	RETZ 663-0.75 N /0243	Water-Cooled Cable Assembly (Clutch), Motoman EA/MA1440
687418005	RETZ 663-0.75 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1100, TM-1400
687418006	RETZ 663-0.95 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1600

Part Number	Part Name	Description
687418007	RETZ 663-0.98 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1800
687418008	RETZ 663-1.00 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1600
687418009	RETZ 663-1.02 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1800
687418010	RETZ 663-1.20 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-2000
687418011	RETZ 663-0.7 N /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 100iC
687418011	RETZ 663-1.25 N /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-2000
687418012	RETZ 663-0.9 N /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 120iC
687418013	RETZ 663-0.92 N /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 100iC 6L + 7L
687418014	RETZ 663-1.1 N /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 120iC 10L
687418030	RETZ 663-1,08 N /0243 T.Connector HW	Water-Cooled Cable Assembly
687418038	RETZ 663-1,3 N /0243 T.Connector HW	Water-Cooled Cable Assembly
687421002	RETZ 663-0.75 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Motoman EA/MA1440
687421003	RETZ 663-0.8 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1100, TM-1400
687421004	RETZ 663-0.95 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1600
687421005	RETZ 663-0.98 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1800
687421006	RETZ 663-1 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1600
687421007	RETZ 663-1.02 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-1800
687421008	RETZ 663-1.2 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-2000
687421009	RETZ 663-1.25 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Panasonic TM-2000
687421010	RETZ 663-0.7 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 100iC
687421011	RETZ 663-0.9 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 120iC
687421012	RETZ 663-0.92 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 100iC 6L + 7L
687421013	RETZ 663-1.1 N /WB /0243	Water-Cooled Cable Assembly (Clutch), Fanuc 120iC 10L
687421016	RETZ 663-1,23 N /WB /0243 T.Connector HW	Water-Cooled Cable Assembly
687421018	RETZ 663-1,35 N /WB /0243 T.Connector HW	Water-Cooled Cable Assembly
687421019	RETZ 663-1,08 N /WB /0243 T.Connector HW	Water-Cooled Cable Assembly
687421021	RETZ 663-1,3 N /WB /0243 T.Connector HW	Water-Cooled Cable Assembly
687427001	RETZ 664-0.75 N /0248	Water-Cooled Cable Assembly (Solid Mount), Motoman EA/MA1440
687427001	RETZ 664-0.75 N /0248	Water-Cooled Cable Assembly (Solid Mount), Panasonic TM-1100, TM-1400
687427002	RETZ 664-0.8 N /0248	Water-Cooled Cable Assembly (Solid Mount), Panasonic TM-1100, TM-1400
687427003	RETZ 664-0.95 N /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1600
687427004	RETZ 664-0.98 N /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1800
687427005	RETZ 664-1 N /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1600
687427006	RETZ 664-1.02 N /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1800
687427007	RETZ 664-1.05 N /0248	Water-Cooled Cable Assembly (solid mount), ABB IRB 1600
687427008	RETZ 664-1.2 N /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-2000
687427009	RETZ 664-1.25 N /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-2000
687427012	RETZ 664-0,74 N /0248 T.Connector HWS	Water-Cooled Cable Assembly
687427013	RETZ 664-0.87 N /0248	Water-Cooled Cable Assembly
687427014	RETZ 664-1,1 N /0248 T.Connector	Water-Cooled Cable Assembly
687427017	RETZ 664-1,07 N /0248 T.Connector HWS	Water-Cooled Cable Assembly
687427019	RETZ 664-1,3 N /0248 T.Connector HWS	Water-Cooled Cable Assembly
687428001	RETZ 664-1,2 NE /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429001	RETZ 664-0.75 N /WB /0248	Water-Cooled Cable Assembly (Solid Mount), Motoman EA/MA1440
687429002	RETZ 664-0.8 N /WB /0248	Water-Cooled Cable Assembly (Solid Mount), Panasonic TM-1100, TM-1400
687429003	RETZ 664-0.95 N /WB /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1600
687429004	RETZ 664-0.98 N /WB /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1800

Part Number	Part Name	Description
687429005	RETZ 664-1 N /WB /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1600
687429006	RETZ 664-1.02 N /WB /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-1800
687429007	RETZ 664-1.2 N /WB /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-2000
687429008	RETZ 664-1.25 N /WB /0248	Water-Cooled Cable Assembly (solid mount), Panasonic TM-2000
687429009	RETZ 664-1,1 N / WB/ 0248 T.Connector	Water-Cooled Cable Assembly
687429010	RETZ 664-0,97 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429011	RETZ 664-1,15 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429012	RETZ 664-1,35 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429013	RETZ 664-0,74 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429014	RETZ 664-0,87 N /WB /0248	Water-Cooled Cable Assembly
687429016.00	RETZ 664-1,08 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429018	RETZ 664-1,07 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
687429019	RETZ 664-1,3 N /WB /0248 T.Connector HWS	Water-Cooled Cable Assembly
719041080	DV-04-08/08A	Drive roll Aluminum Wire ϕ 0.8 mm for WDFS 300 FD-PP
719041100	DV-04-10/10A	Drive roll Aluminum Wire ϕ 1.0 mm for WDFS 300 FD-PP
719041120	DV-04-12/12A	Drive roll Aluminum Wire ϕ 1.2 mm for WDFS 300 FD-PP
719041160	DV-04-16/16A	Drive roll Aluminum Wire ϕ 1.6 mm for WDFS 300 FD-PP
719042080	DV-04-08/08T	Drive roll Steel Wire ϕ 0.8 mm for WDFS 300 FD-PP
719042090	drive roll DIX DV-04-09/09T	Drive Roll
719042100	DV-04-10/10T	Drive roll Steel Wire ϕ 1.0 mm for WDFS 300 FD-PP
719042120	DV-04-12/12T	Drive roll Steel Wire ϕ 1.2 mm for WDFS 300 FD-PP
719042160	DV-04-16/16T	Drive roll Steel Wire ϕ 1.6 mm for WDFS 300 FD-PP
730530008	WDS 300/001	set spool housing
738090001	WDVK 300- 1	Connection cable 1 meter
738090004	connection cable DIX WDK 300-3	Connection Cable
738090006	WDVK 300- 6	Connection cable 6 meter
738090006	WDVK 300-6	connection cable
738090012	WDVK 300-12,5	connection cable
738090015	connection cable DIX WDK 300-10	Connection Cable
738090032	connection cable DIX WDK 300-20	Connection Cable
738090036	connection cable DIX WDK 300-2	Connection Cable
738090046	connection cable DIX WDK 300-7	Connection Cable
738090047	connection cable DIX WDK 300-15	Connection Cable
738090048	connection cable DIX WDK 300-25	Connection Cable
738090060	connection cable DIX WDK 300-30	Connection Cable
745030004	WDFS 300 FD-PP	Wire Feeder Torque controlled wire feeder
6130001105	DS 4/1.5-10.5	Liner for 0.8 mm (0.030") wire; 10.5 m
6130001155	DS 4/1.5-15.5	Liner for 0.8 mm (0.030") wire; 15.5 m
6130002105	DS 4/1.8-10.5	Liner for 1.0 mm (0.039") wire; 10.5 m
6130002125	liner DIX DS 4/1,8-12,5	Liner
6130002155	DS 4/1.8-15.5	Liner for 1.0 mm (0.039") wire; 15.5 m
6130011000	DST 1-10	Liner for Aluminum - High Temp for 0.8 mm (0.030") wire; 10 m
6130020105	DSK 1-10.5	Liner for Aluminum for 0.8 mm (0.030") wire; 10.5 m
6230003105	DS 4/2.2-10.5	Liner for 1.2 mm (0.045") wire; 10.5 m
6230003155	DS 4/2.2-15.5	Liner for 1.2 mm (0.045") wire; 15.5 m
6230004105	DS 4/2.4-10.5	Liner for 1.4 mm (0.052") wire; 10.5 m
6230004155	DS 4/2.4-15.5	Liner for 1.4 mm (0.052") wire; 15.5 m

Part Number	Part Name	Description
6230005105	DS 4/2.9-10.5	Liner for 1.6 mm (1/16") wire; 10.5 m
6230020105	DSK 2-10.5	Liner for Aluminum for 1.0 mm (0.039") and 1.2 mm (0.045") wire; 10.5 m
6230025030	DSK 3-0.3	Liner for Aluminum for 1.6 mm (1/16") wire; 0.3 m
6230025105	DSK 3-10.5	Liner for Aluminum for 1.6 mm (1/16") wire; 10.5 m
6230025125	liner DIX DSK 3-12,5	Liner
6291003051	10-2-305 K	Gas diffuser
6291003052	10-2-305	Gas diffuser
6380101080	STLA 3 M8	Service Tools Socket Spanner; for tightening 3-2-xxxx M8 contact tips
6380160001	SLAT 4	Service Tools Hook Spanner; for tightening necks and cables
6390154130	1-3-5413 A	Nozzle 13 mm (0.51") bore, flush
6390154131	1-3-5413 AK	Nozzle
6390154135	1-3-5413 AR	Nozzle
6390154136	1-3-5413 AKR	Nozzle
6390154150	1-3-5415 A	Nozzle 15 mm (0.59") bore, flush
6390154151	1-3-5415 AK	Nozzle 15 mm (0.59") bore, short
6390154155	1-3-5415 AR	Nozzle 15 mm (0.59") bore, reduced O,D,
6390154156	1-3-5415 AKR	Nozzle 15 mm (0.59") bore, short, reduced O,D,
6390154180	1-3-5418 A	Nozzle 18 mm (0.71") bore, flush
6390155150	1-3-5515 A	Nozzle Nozzle cone: 15 mm (0.59") bore
6390155180	1-3-5518 A	Nozzle Nozzle cone: 15 mm (0.59") bore
6390155210	1-3-5521 A	Nozzle Nozzle cone: 21 mm (0.83") bore
6390157150	1-3-5715 A	Nozzle 15 mm (0.59") bore, flush
6390157180	1-3-5718 A	Nozzle 18 mm (0.71") bore, flush
6390157210	1-3-5721 A	Nozzle 21 mm (0.83") bore, flush
6390159110	1-3-5911 A	Nozzle 11 mm (0.43") bore, flush
6390159149	1-3-5914	Nozzle 14 mm (0.55") bore
6390159150	1-3-5915 A	Nozzle 15 mm (0.59") bore, flush
6390250000	2-3-500	Nozzle insulator for 6390154151 (1-3-5415 AK) nozzle (450 amp model) and 6390555000 (5-3-550) nozzle body (600 amp model)
6390257157	1-3-5715 SAD	Nozzle 15 mm (0.59") bore
6390257187	1-3-5718 SAD	Nozzle 18 mm (0.71") bore
6390257217	1-3-5721 SAD	Nozzle 21 mm (0.83") bore
6390355120	3-3-5512	Contact Tip for 1.2 mm (0.045") wire
6390355140	3-3-5514	Contact Tip for 1.4 mm (0.055") wire
6390355160	3-3-5516	Contact Tip for 1.6 mm (1/16") wire
6390355180	3-3-5518	Contact Tip for 1.8 mm (0.070") wire
6390355200	3-3-5520	Contact Tip for 2.0 mm (5/64") wire
6390355240	3-3-5524	Contact Tip for 2.4 mm (3/32") wire
6390355280	3-3-5528	Contact Tip for 2.8 mm wire
6390454000	4-2-MAS	Neck Checking Fixture, 450 and 550 amp Clamp nut
6390555000	5-3-550	Nozzle Body for use with all 600 amp nozzle cones
6390616000	MAT-OR SATZ	O-ring set
6390635400	6-3-540 METZ	Water-Cooled Neck, 450 amp 0 degree, medium length - 450 amp
6390635403	6-3-542 L METZ	Water-Cooled Neck, 450 amp 22 degree, long length
6390635404	6-3-544 L METZ	Water-Cooled Neck, 450 amp 45 degree, long length
6390635406	6-3-542 XL METZ	Water-Cooled Neck, 450 amp 22 degree, extended length
6390635407	6-3-544 XL METZ	Water-Cooled Neck, 450 amp 45 degree, extended length
6390635420	6-3-542 METZ	Water-Cooled Neck, 450 amp 22 degree, medium length

Part Number	Part Name	Description
6390635440	6-3-544 METZ	Water-Cooled Neck, 450 amp 45 degree, medium length
6390635700	6-3-570 METZ	Water-Cooled Neck, 550 amp 0 degree, medium length - 550 amp
6390635703	6-3-572 L METZ	Water-Cooled Neck, 550 amp 22 degree, long length
6390635704	6-3-574 L METZ	Water-Cooled Neck, 550 amp 45 degree, long length
6390635706	6-3-572 XL METZ	Water-Cooled Neck, 550 amp 22 degree, extended length
6390635707	6-3-574 XL METZ	Water-Cooled Neck, 550 amp 45 degree, extended length
6390635720	6-3-572 METZ	Water-Cooled Neck, 550 amp 22 degree, medium length
6390635740	6-3-574 METZ	Water-Cooled Neck, 550 amp 45 degree, medium length
6390635900	6-3-590 METZ	Water-Cooled Neck, 350 amp 0 degree, medium length - 350 amp
6390635903	6-3-592 L METZ	Water-Cooled Neck, 350 amp 22 degree, long length
6390635904	6-3-594 L METZ	Water-Cooled Neck, 350 amp 45 degree, long length
6390635906	6-3-592 XL METZ	Water-Cooled Neck, 350 amp 22 degree, extended length
6390635907	6-3-594 XL METZ	Water-Cooled Neck, 350 amp 45 degree, extended length
6390635920	6-3-592 METZ	Water-Cooled Neck, 350 amp 22 degree, medium length
6390635940	6-3-594 METZ	Water-Cooled Neck, 350 amp 45 degree, medium length
6390693139	6-3-576/3139 METZ torch head	Water-Cooled Neck
6390695500	6-3-5500 METZ	Water-Cooled Neck, 600 amp 0 degree, medium length - 600 amp
6390695522	6-3-5522 METZ	Water-Cooled Neck, 600 amp 22 degree, medium length
6390695545	6-3-5545 METZ	Water-Cooled Neck, 600 amp 45 degree, medium length
6391054000	10-3-540	Gas diffuser
6391055000	10-3-550	Gas diffuser
6391059001	GVT 590	Gas diffuser
6391059003	GVT 590 K	Gas diffuser (10 pcs)
6391250011	12-3-510 SG	Rear Handle Assembly Components Rear handle housing
6391250013	12-3-510 HR	Rear Handle Assembly Components Fixing ring
6391530003	MEZ 150	Connector Housing Assembly Connector housing assembly
6391650600	16-3-506	Air Blast Plug for all cable lengths
7430030015	FD100 WG-PS	wire guide For FD200 short wire guide
7430030049	FD100 WG-AS	wire guide For FD200 long wire guide
7430030091	FD100 RS-10 S	Profile roll sets Steel Wire ϕ 1.0 mm For FD201
7430030092	FD100 RS-12 S	Profile roll sets Steel Wire ϕ 1.2 mm For FD202
7430030093	FD100 RA-10 A	Profile roll sets Aluminum Wire ϕ 1.0 mm For FD205
7430030094	FD100 RA-12 A	Profile roll sets Aluminum Wire ϕ 1.2 mm For FD206
7430030096	FD100 RA-08 A	Profile roll sets Aluminum Wire ϕ 0.8 mm For FD204
7430030097	FD100 RA-16 A	Profile roll sets Aluminum Wire ϕ 1.6 mm For FD207
7430030098	FD100 RS-08 S	Profile roll sets Steel Wire ϕ 0.8 mm For FD200
7430030099	FD100 RS-16 S	Profile roll sets Steel Wire ϕ 1.6 mm For FD203
7430030146	profile-roll-set DIX FD100 RS-09S	Roll set
7430040063	conversion set DIX FD 200-1,0 Steel	Connection Set
7430040064	conversion set DIX FD 200-1,2 Steel	Connection Set
7430040066	wire guide set DIX FD200 KF	wire guide set DIX FD200 KF
7430040068	FD200 ME /004 (36V)	Front feeder
7430040074	conversion set DIX FD 200-0,9 Steel	Connection Set
7430040075	conversion set DIX FD 200-1,0 Alu	Connection Set
7430040076	conversion set DIX FD 200-1,2 Alu	Connection Set
7430040077	conversion set DIX FD 200-1,6 Alu	Connection Set
62915004014	15-2 MAPT	Clutch Connector Contact set for gas nozzle sensor function, not for wire brake

Part Number	Part Name	Description
62947010010	DBE 100	Wire brake unit
62947010016	DBA 100	Wire brake adaptor
62947010024	DFB 100	Guide sleeve
63200600112	VLEZ 600-12 /0244	Water-Cooled Cable Bundle 1.2 m cable bundle
63200600114	VLEZ 600-14 /0244	Water-Cooled Cable Bundle 1.4 m cable bundle
63200600120	VLEZ 600-20 /0244	Water-Cooled Cable Bundle 2.0 m cable bundle
63200600312	VLEZ 600-12 WB 1 /0244	Water-Cooled Cable Bundle 1.2 m cable bundle, wire brake
63200600314	VLEZ 600-14 WB 1 /0244	Water-Cooled Cable Bundle 1.4 m cable bundle, wire brake
63200600320	VLEZ 600-20 WB 1 /0244	Water-Cooled Cable Bundle 2.0 m cable bundle, wire brake
63918600112	VL 180-12	Gas Hose for 1.2 m cable length
63918600114	VL 180-14	Gas Hose for 1.4 m cable length
63918600120	VL 180-20	Gas Hose for 2.0 m cable length
63919600112	VL 190-12	Water Line for 1.2 m cable length
63919600114	VL 190-14	Water Line for 1.4 m cable length
63919600120	VL 190-20	Water Line for 2.0 m cable length
63919600215	VL 191-1.5 ROT	Water Line (Clutch) Water line, red
63920630312	VL 2010-12	1.2 m conduit hose
63920630314	VL 2010-14	1.4 m conduit hose
63920630320	VL 2010-20	2.0 m conduit hose
63920631112	VL 2010-12 WB 1	1.2 m conduit hose, wire brake
63920631114	VL 2010-14 WB 1	1.4 m conduit hose, wire brake
63920631120	VL 2010-20 WB 1	2.0 m conduit hose, wire brake
63921600112	VL 211-12	Control Wire Set (Black) for Setup Mode for setup mode for 1.2 m cable length
63921600114	VL 211-14	Control Wire Set (Black) for Setup Mode for setup mode for 1.4 m cable length
63921600120	VL 211-20	Control Wire Set (Black) for Setup Mode for setup mode for 2.0 m cable length
63921600140	VL 210-4	Control Wire Set (Blue) - for Clutch for 4.0 m cable length, clutch
63921600212	VL 210-12	Control Wire Set (Blue) - for Clutch for 1.2 m cable length, clutch
63921600214	VL 210-14	Control Wire Set (Blue) - for Clutch for 1.4 m cable length, clutch
63921600220	VL 210-20	Control Wire Set (Blue) - for Clutch for 2.0 m cable length, clutch
63921600240	VL 211-4	Control Wire Set (Black) for Setup Mode for setup mode for 4.0 m cable length
63922600112	VL 220-12	Combi Cable Combi cable for 1.2 m cable length
63922600114	VL 220-14	Combi Cable Combi cable for 1.4 m cable length
63922600120	VL 220-20	Combi Cable Combi cable for 2.0 m cable length
63923600112	VL 230-12	Cover Hose Set for 1.2 m cable length
63923600114	VL 230-14	Cover Hose Set for 1.4 m cable length
63923600120	VL 230-20	Cover Hose Set for 2.0 m cable length
63924600112	VL 240-12	Air Blast Hose for 1.2 m cable length
63924600114	VL 240-14	Air Blast Hose for 1.4 m cable length
63924600120	VL 240-20	Air Blast Hose for 2.0 m cable length
632167002001	VLLITE 661-0.75 WB1 /0243	Water-Cooled Cable Bundle 0.75 m cable bundle, wire brake
632167002002	VLLITE 661-0.8 WB1 /0243	Water-Cooled Cable Bundle 0.8 m cable bundle, wire brake
632167002003	VLLITE 661-0.95 WB1 /0243	Water-Cooled Cable Bundle 0.95 m cable bundle, wire brake
632167002004	VLLITE 661-0.98 WB1 /0243	Water-Cooled Cable Bundle 0.98 m cable bundle, wire brake
632167002005	VLLITE 661-1 WB1 /0243	Water-Cooled Cable Bundle 1.0 m cable bundle, wire brake
632167002006	VLLITE 661-1.02 WB1 /0243	Water-Cooled Cable Bundle 1.02 m cable bundle, wire brake
632167002007	VLLITE 661-1.2 WB1 /0243	Water-Cooled Cable Bundle 1.2 m cable bundle, wire brake
632167002008	VLLITE 661-1.25 WB1 /0243	Water-Cooled Cable Bundle 1.25 m cable bundle, wire brake

Part Number	Part Name	Description
632167003003	VLLITE 661-0.8 /0243	Water-Cooled Cable Bundle 0.8 m cable bundle
632167003004	VLLITE 661-1.05 /0243	Water-Cooled Cable Bundle 1.05 m cable bundle
632167003005	VLLITE 661-0.75 /0243	Water-Cooled Cable Bundle 0.75 m cable bundle
632167003006	VLLITE 661-0.95 /0243	Water-Cooled Cable Bundle 0.95 m cable bundle
632167003007	VLLITE 661-0.98 /0243	Water-Cooled Cable Bundle 0.98 m cable bundle
632167003008	VLLITE 661-1 /0243	Water-Cooled Cable Bundle 1.0 m cable bundle
632167003009	VLLITE 661-1.02 /0243	Water-Cooled Cable Bundle 1.02 m cable bundle
632167003010	VLLITE 661-1.2 /0243	Water-Cooled Cable Bundle 1.2 m cable bundle
632167003011	VLLITE 661-1.25 /0243	Water-Cooled Cable Bundle 1.25 m cable bundle
639061500041	MES 300/500	Connecting Piece
639247001010	VL 242-10	Checking gas hose for wire brake for 10.0 m cable length
639247001050	VL 242-50	Checking gas hose for wire brake for 50.0 m cable length