



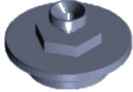
Parts for wire-cut EDM

www.edmparts.com

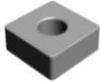
Toll Free (888) 771-3336
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New Location :
958 N. DuPage Ave.
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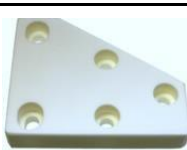
AGIE

A316 SET	323.314	590.323.314 Wire guide upper complete set Ø20 x 12 mmT cf.)with 326.834.9(A305) AC100..300HSS. AC120..370HSS	
251.563		590.251.563 Special lower suction tube for taper cutting Ø30 mm x 16 mmT AC150..370HSS series	
323.404		Telescope complete Pivoting arm assembly	
326.754		Bearing cap Ø13 x Ø5.0 x 3.0 mmT - set of 8 pcs	
351.564		Right arm complete	
351.644		Replaced by 414.604.9 Horizontal arm lower	
352.904		Casing complete upper AC120...370	
396.414		590.396.414 Suction tube Sprint20/70 - upper wire guide	
419.374		Suction tube lower funnel type AC1x0..3x0 - MMD-technique. AC1x0 to series 255	
419.594		590.419.594 Suction funnel (wire guide below-automatic threading) AC150. AC1x0...3x0HSS	
426.884		590.426.884 Magnetic brake carrier complete AC120..370HSS	
427.444		Horizontal arm upper	

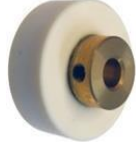
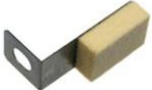
BROTHER

B001	632276000		Power feed contact upper & lower 14 x 14 x 9.0 mm HS-300/350 series	
B002	632904000		Power feed contact upper & lower 19 x 10 x 4.0 mmT HS-3100/3600/5100/50A/50B series	
B003	616942001		Replaced by 634231000 Cutting tip HS-50A/3600/3100 series	
B100	630745000	Ø0.205	Diamond lower wire guide HS-100 series	
	630769000	Ø0.255		
	630787000	Ø0.305		
B101		Ø0.105	Diamond wire guide upper & lower Ø19.5 x 19 mmT HS-300/350/500 series	
		Ø0.155		
	632267020	Ø0.205		
	632267025	Ø0.255		
	632267030	Ø0.305		
B102	632989000 659089001	Ø0.205	Wire guide diamond upper Ø0.205 mm - Ø26 x 19 mm HS-3100/3600/50A series - AWT	
	632990000 659090001	Ø0.255		
	632991000 659342001	Ø0.305		
B103	632992000	Ø0.205	Wire guide diamond lower Ø26 x 18.5 mm HS-3100/3600/50A series - AWT	
	632993000	Ø0.255		
	632994000	Ø0.305		
B104	632986000	Ø0.205	STD guide upper/lower HS-3100/3600/50A series - manual	
	632987000	Ø0.255		
	632988000	Ø0.305		

BROTHER

B105	659377001 632903000		659377001 Sub guide upper "A" Ø0.50 mm	
B106	634038001		Separatar "D" Ø0.50 mm HS-3100/3600 series	
B201	630877000		Water nozzle-100 upper & lower Ø4.0 mm - Ø10.5 x 9.5 mmT HS-300 series	
B201-1	632272000		Nozzle holder for B201 36 x 36 x 19 mm HS-300 series	
B202	632902000		Water nozzle 1506 - upper Ø4.0 mm - 42.0 x 42.0 x 23.5 mm HS-3100/3600/50A-AWT.manual series	
B202-1			Screw upper for B202 with AWT option HS-3100/3600	
B203	632930000		Water nozzle lower -AT 1506 Ø4.0 mm - Ø37.5 x 28 mmT HS-3100/3600 series - with AWT option	
B203-1			Nut for nozzle -AT 1506 HS-3100/3600 series - with AWT option	
B204	632920000		Water nozzle lower -STD 1506 Ø38 x 28 mmT HS-3100/3600/50A series - manual	
B205	659398001		Water nozzle lower AT 1507 AWT Ø5.0 mm - Ø38.2 x 28 mmT HS-50A series	
B301	632284000		Isolator plate lower 57 x 46 x 9.0 mmT HS-300 series	
B401	632269000		Guide pully plastic material Ø23 x Ø12 x 10 mmT HS-300 series	

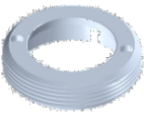
BROTHER

B401C	632269000		Guide pulley ceramic material Ø23 x Ø12 x 10 mmT HS-300 series	
B401-1	632922000		Guide pulley plastic material Ø30 x Ø12 x 10 mmT HS-300 series	
B402	533532001		Bearing SSLF-1260ZZ for B401 & B401C Ø13.5 x Ø12 x 4.0 mmT HS-300/350 series	
B403			Pinch roller Ø40 x Ø12 x 12 mmT	
B404			Capstan roller Ø40 x Ø8.0 x 25 mmT	
B405			Feed roller Ø50 x Ø40 x 12.5 mmT	
B406			Feed roller Ø50 x Ø40 x 12.5 mmT	
B407	634207001		Wire cleaner "A" or Felt pad	

CHARMILLES

C001	432.997		Current supply upper & lower Ø12 x 12 x 5mmT	
C002	806.549		Current supply tungsten carbide round type lower Ø25.3 x Ø6.4 x 6.4 mmT	
C003	106.462		Current supply upper & lower Ø9.5 x Ø3.8 x 3.0 mmT EF-320/330/630/930 series	
C004	441.275		Centering eye tungsten carbide 19 x 10 x 0.8 (or 1.2) mmT Robofil 290/310/510/x000/x40/x40CC series	
C005	130.003.174 449.019		Ø50/Ø8.0 x 24 mmT Wire drive roller coated without groove-(left) Robofil 290/300/310/500/510	
C005T	130.003.174 449.019		Ø50/Ø8.0 x 24 mmT Wire drive roller coated without groove-(left) Robofil 290/300/310/500/510 series	
C006	130.003.173 449.329		Ø50/Ø8.0 x 24 mmT Wire drive roller coated 4-groove (right) Robofil 290/3x0/5x0 series	
C006T	130.003.173 449.329		Ø50/Ø8.0 x 24 mmT Wire drive roller coated 4-groove (right) Robofil 290/3x0/5x0 series	
C007	630.654		Current supply upper 12 x 12 x 10 mmT Robofil x030si series	
C101	431.114	Ø0.15 mm	Diamond guide upper	
	431.112	Ø0.20 mm		
	432.511	Ø0.25 mm		
	432.512	Ø0.30 mm		
C102	431.124	Ø0.15 mm	Diamond guides lower	
	431.122	Ø0.20 mm		

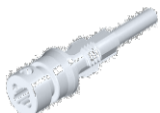
CHARMILLES

C102	430.586	Ø0.25 mm	Diamond guides lower	
	432.814	Ø0.30 mm		
C103	431.114	Ø0.15 mm	Diamond guide upper stainless housing inserted ceramic	
	431.112	Ø0.20 mm		
	432.511	Ø0.25 mm		
	432.512	Ø0.30 mm		
C104	431.124	Ø0.15 mm	Diamond guide lower stainless housing inserted ceramic	
	431.122	Ø0.20 mm		
	430.586	Ø0.25 mm		
	432.814	Ø0.30 mm		
C201	432.3510		104.323.510 Moulded nozzle ass'y for cylindrical cutting Ø35 x Ø7 x 16mmL	
C202	443.733		Plastic nut Ø44.8 x Ø 28.8 x 11 mmT	
C203	447.011		Plastic nut for upper head Ø44.8 x Ø 27.3 x 19 mmT Robofil 3x0/5x0 series	
C302	444.7530		104.447.530 Current supply upper Robofil 3x0/5x0/x020/x30F/x40F series	
C401	130.003.359		Wire drive roller for tim-head / Left Ø50/Ø12 x 14.2 mmT Robofil 290/3x0/5x0/690	
C401T	130.003.359		Wire drive roller for tim-head / Left Ø50/Ø12 x 14.2 mmT Robofil 290/3x0/5x0/690 series	
C402	130.003.360		Wire drive roller with 4-grooves / Right tim-head / Robofil 290/3x0/5x0/690 Ø50/Ø12 x 14.2mmT	

CHARMILLES

C402T	130.003.360		Wire drive roller 4-grooves for tim-head / Right Ø50/Ø12 x 14.2mmT Robofil 290/3x0/5x0/690 series	
C403	446.687		Contact brush for lower head Ø16 x 15.2 x 5.9 mmT Robofil 290/3x0/5x0 series	
340.820			5-micro filter cartridge Ø65 x 250 mmL	
343.525			Contact brush annealing for holder (342.185)	
422.631			Cover for wire cutter	
431.787			100.431.787 / 430.957 Threading nozzle ceramic Ø1.8 - Ø8.5 x 2.5 mmT	
431.958			Threading nozzle ceramic Ø0.8 - Ø8.5 x 2.5 mmT	
432.353			Shaft for pinch roller	
433.309			Ground cable upper 2000 mmL (need 2 pcs) Robofil 3x0/5x0 series	
433.310			Ground cable lower 1450 mmL (need 4 pcs) Robofil 5x0 series	
434.002			Contact support for contact ass'y 19 x 25 x 5.5 mmT Robofil x30/x30F/x40 series Contact ass'y = 200.434.002+100.432.997+ 200.542.925	
434.447			Cutter Z16 with Tin-coated. Ø30 x Ø12 x 6.0 mm Robofil x30F/x40F series	

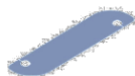
CHARMILLES

434.475			Sapphire holder 38.5 mmL Robofil x30F/x40F series	
434.475C			Sapphire holder ceramic type 38.5 mmL Robofil x30F/x40F series	
434.553			Shaft	
434.584			Guide holder Support sapphire court CH 240 series	
441.192			Wire conveyer belt 0.7 x 15 x 3560 mm Set of 2 pcs Robofil 400/600 series	
441.726			Pressure spring for cutter (442.848) Robofil 200/400/x00M/x020/310/510 series	
442.870			Clamping nut for wire guide upper Robofil x00 series	
442.871			Replaced by 445.990 Clamping nut for wire guide lower Robofil x00 series	
444.709			Tank door rubber seal Ø12 mm	
444.728			Lower contact support Ø15 x 11(15) x 24 mm Robofil x00/x020 seies	
444.750			Upper contact support for current supply Ø13 x 17 x 24 mm Robofil 3x0/5x0/x30F/x40F series	
444.760			Stainless nut for lower wire guide Robofil 300/310/500/510/1020 series	

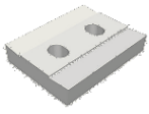
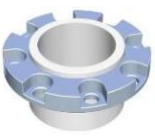
CHARMILLES

445.5850			204.455.850 Flushing nozzle for taper cutting 30° SUS/white plastic Ø32/Ø12.3 mm Robofil 310/1020 series	
446.021			Water nozzle standard lower type - Ø5.5 mm Robofil 3x0/5x0/1020/M series cf.) upper=100.448.473	
446.201			Spring for lower flushing water nozzle C2432 F=1.0 mm / Ø32 x 25 mmL Robofil 3x0/5x0/x020si/x030si series	
446.659			Pulley complete for spool drive Robofil 3x0/5x0/x30F/x40F series	
446.688			Holder for contact brush (446.687) Robofil 3x0/5x0 series	
446.736			Grounding cable for contact brush (446.687) Robofil 290/3x0/5x0 series	
447.060			Spring for flushing nozzle Robofil 290/3x0/5x0 series	
447.762			Geared wheel Z15/H1 Robofil 3x0/5x0 series	
448.473			Water nozzle flat upper Ø5.5 mm (cf. lower=446.021)	
448.679			Contact sleeve lower head Ø20 x Ø8.0 x 16 mmL Robofil 290/3x0/5x0 series	
448.792			Moving cutter tungsten carbide or ceramic Ø9.0 x 4.1 mm	
449.031			Nozzle standard Ø7.0 mm Robofil 3x0/5x0 series	

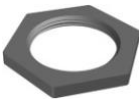
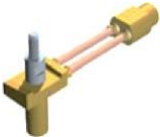
CHARMILLES

542.646			Nozzle for lower head	
542.854			Pressure spring 8.0 x 6.3 x 10 mm Robofil x30F/x40F series	
542.866			100.542.866 Gear for contact roller Robofil 330F	
542.917			Nozzle upper head (lower head=200.641.617) Ø45 x Ø6.0 x 21 mm Robofil x30F/x40F/240/440/x40CC/x40SL	
542.998			Replaced by 135.001.012 Cutter knife Ø8.0 x 14 mm Robofil 330F/440 series	
542.999			Wire drive pulley Ø40/Ø12 x 6.0 mmT Robofil 330F/x40/x40CC	
542.999G			Wire drive pulley / Tin coating Ø40/Ø12 x 6.0 mmT Robofil 330F/x40/x40CC	
543.287			Spring lower head Ø2.0 mm - Ø10 x 26.5 mmL Robofil x40 series	
543.838			Contact plate Lame De contact EP 0.15 mm Robofil 330F series	
543.903			Nozzle Ø6.0 mm Robofil x40 series	
630.803			206.416.330 Lower water nozzle Robofil 230/ Twin 430/630 series Robofil x030 series	
641.604			Tube / nozzle Ø10/Ø13 mm Robofil 330F.x40.x40SL series	

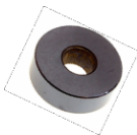
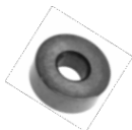
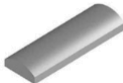
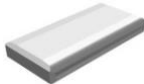
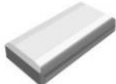
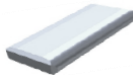
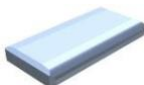
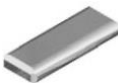
CHARMILLES

641.617			Nozzle standard lower (upper=200.542.917) * taper type=135.005.189 Robofil 330F/x40/440F/x40CC/x40SL series	
641.638			200.641.638 / 200.641.017 Knife new tungsten carbide C3026 Robofil xx30si series	
641.639			200.641.639 / 200.641.008 (tungsten carbide) Ceramic counter cutter Robofil xx30si series	
942.007			Grounding cable 15 x 200 mmL Robofil 290/3x0/5x0 series	
942.008			Grounding cable 15 x 300 mmL (need 6 pcs) Robofil 290/x10/300/x40F series	
942.009			Grounding cable 15 x 500 mmL Robofil x020.1/x030 series	
130.003.362			Contact sleeve lower head long type for tim head Ø20/Ø16/Ø12 x 24 (=5.0+19)mmL Robofil 390/690, x030 series	
135.000.217			Lower power current feed cable ass'y L=800 mm need 2 pcs/set Robofil x40/x40cc/x40SL series - lower head	
135.001.012 A			Counter cutter knife tungsten carbide lower Ø8.0/Ø2.10+ x 14 mm Robofil x30F/x40F series	
135.001.012 B			Counter cutter knife tungsten carbide lower Ø8.0/Ø2.14+ x 14 mm Robofil x30F/x40F series	
135.001.191			Stainless sleeve nut for holding lower guide Robofil 330/x40/x40CC series	
135.001.193			Retractable lower nozzle Ø18/Ø6.0 x 20 mmL Robofil 330/x40/230F series	

CHARMILLES

135.001.194			Replaced by 135.011.830 Clamping nut Robofil 330/x40 series	
135.002.149			Power cable lower L=1300 mm Robofil 640CC series	
135.005.189			Lower nozzle for big taper 15° - 30° Ø12 x 33 mmL (standard type=200.641.617) Robofil x30F/x40F/x40/x40CC/x40SL series	
135.006.130			Twin cable lower head assembly cable guide inferieur L=1300 mm Robofil 440CC series	
135.006.394			Locking nut against nut M22*1 EP.3	
135.006.840			Nozzle Ø6.0 mm Robofil x40 series	
135.009.479			200.543.722 1 pc - Lead in tube for cutter Ø2.0 mm Robofil 330/x40 series	
135.009.480			205.432.880 Barrel for cutter Robofil 330F/x40 series+D1450	
135.009.509			Current supply - Current transmitter upper Ø7.0 mm	
135.009.516			Ceramic holder - guide holding device	
135.009.523			Contact plate Robofil x40CC/x40SL series	
135.012.681			135.009.880 (630.828.0=206.308.280)) Flange lower wire guide support (4-holes) Robofil 330F.x40 series	

FANUC

F001	A97L-0001-0664#25S1P		Power feed contact - lower Ø25.4 x Ø 9.1 x 9.5 mmT O.P.Q.R.W0 series - manual H.L series	
F002	A97L-0126-0001#15S1P		Power feed contact - upper & lower Ø15.9 x Ø6.3 x 6.3 mmT O.P.Q.R.T.W series	
F003	A290-8008-X107		Power feed contact - upper & lower Ø8.0 x Ø4.0 x 10.5 mmT K.N.M series	
F004	A290-8032-Z882		Power feed contact grooved - upper & lower Ø16 x Ø6.4 x 6.0 mmT W1...W4 series - AWF	
F005	A290-8101-X750		Power feeder contact - upper & lower 23 x 7.9 x 2.8 mmT ∂-A.B series - AWF.manual	
F006	A290-8110-X750		Power feeder contact - upper & lower 30 x 12 x 4.0 mmT ∂-iA..xiDx series - AWF.manual	
F006-1	A290-8110-X750		Power feeder contact - upper/lower 23 x 12 x 4.0 mmT ∂-C.iA.iB.iC.iD series - AWF.manual ∂-xiE series-only upper	
F006-2			Power feeder contact - upper/lower 30 x 12 x 3.0 mmT ∂-0B.0C series - AWF.manual	
F006L	A290-8110-X750		Power feeder contact - upper & lower long life 30 x 12 x 4.0 mmT ∂-iA..xiDx series - AWF.manual	
F007	A290-8048-X759		Power feed contact - upper Ø15 x Ø6.0 x 6.0 mmT W0 series	
F008	A290-8119-Z780		Power feed contact for lower only 26 x 10 x 4.0 mmT only ∂-iD2.xiE series	
F101	A290-8021-X763	Ø0.105	Diamond guide upper Ø5.0 x 28 mmL / shank Ø6.0 mm H=5.0 mm O.P.Q.R.T.W series - manual	
	A290-8021-X764	Ø0.155		

FANUC

F101	A290-8021-X765	Ø0.205	Diamond guide upper Ø5.0 x 28 mmL / shank Ø6.0 mm H=5.0 mm O.P.Q.R.T.W series - manual	
	A290-8021-X766	Ø0.255		
	A290-8021-X767	Ø0.305		
F102	A290-8021-X773	Ø0.105	Diamond guide lower Ø5.0 x 28 mmL / shank Ø6.0 mm H=5.0 mm O.P.Q.R.T.W series - manual	
	A290-8021-X774	Ø0.155		
	A290-8021-X775	Ø0.205		
	A290-8021-X776	Ø0.255		
	A290-8021-X777	Ø0.305		
F102T	A290-8021-Y775	Ø0.205	Diamond guide lower for big taper Ø5.0 x 28 mmL O.P.Q.R series - manual	
	A290-8021-Y776	Ø0.255		
	A290-8021-Y777	Ø0.305		
F103	A290-8032-X772	Ø0.105	Diamond guide upper Ø6.0 x 31.3 mmL T.W series - AWF	
	A290-8032-X774	Ø0.155		
	A290-8032-X775	Ø0.205		
	A290-8032-X776	Ø0.255		
	A290-8032-X777	Ø0.305		
F103T	A290-8021-Y765	Ø0.205	Diamond guide upper Ø6.0 x 31.3 mmL T.W series - AWF	
	A290-8021-Y766	Ø0.255		
	A290-8021-Y767	Ø0.305		
F104	A290-8032-X735	Ø0.205	Diamond guide lower with spring in housing Ø8.0 x 33.5 mmL T.W series - AWF	
	A290-8032-X736	Ø0.255		
	A290-8032-X737	Ø0.305		
F104T	A290-8032-X765	Ø0.205	Diamond guide lower for taper 30° Ø8.0 x 33.5 mmL T.W series -manual	
	A290-8032-X766	Ø0.255		

FANUC

F104T	A290-8032-X767	Ø0.305	Diamond guide lower for taper 30°	
F105	A290-8018-X443	Ø0.205	Diamond guide lower -Ø6.0 x 20 mmL H=3.0 mm K.M.N.L series - AWF	
	A290-8018-X444	Ø0.255		
	A290-8018-X445	Ø0.305		
F106	A290-8011-X831	Ø0.105	Diamond guide - upper/lower -Ø5.0 x 17 mmL H=3.0 mm K.M.N.L series - manual 300A power supply	
	A290-8011-X832	Ø0.155		
	A290-8011-X833	Ø0.205		
	A290-8011-X834	Ø0.255		
	A290-8011-X835	Ø0.305		
F107	A290-8018-X463	Ø0.205	Diamond guide upper -Ø8.0 x 20 mmL H=3.0 mm K.M.N.L series - AWF	
	A290-8018-X464	Ø0.255		
	A290-8018-X465	Ø0.305		
F108	A290-8011-X753 A290-8011-X750	Ø0.205	Diamond guide - upper/lower 5.0 mmH K.M.N.L series - manual 60C power supply	
	A290-8011-X754 A290-8011-X751	Ø0.255		
	A290-8011-X755	Ø0.305		
F110	A290-8101-X730	Ø0.105	Diamond guide upper - SW10 x 24.5 mmL ∂-A.B.C.iA.iB.iC.iD series - manual	
	A290-8101-X732	Ø0.155		
	A290-8101-X733	Ø0.205		
	A290-8101-X734	Ø0.255		
	A290-8101-X735	Ø0.305		
F110T	A290-8103-X705	Ø0.205	Diamond guide upper for taper 45° with air-hole / 28 mmL ∂-A.B.C.iA.iB.iC.iD series - manual	
	A290-8103-X706	Ø0.255		
	A290-8103-X707	Ø0.305		
F111	A290-8101-X740	Ø0.105	Diamond guide lower	

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F111	A290-8101-X742	Ø0.155	Diamond guide lower -SW10 x 24.5 mmL ∂-A.B.C.iA.iB.iC.iD series - manual	
	A290-8101-X743	Ø0.205		
	A290-8101-X744	Ø0.255		
	A290-8101-X745	Ø0.305		
F111T	A290-8109-X715 A290-8103-X715	Ø0.205	Diamond guide lower for taper 45° - 28 mmL ∂-A.B.C.iA.iB.iC.iD series - manual	
	A290-8109-X716 A290-8103-X716	Ø0.255		
	A290-8109-X717 A290-8103-X717	Ø0.305		
F112	A290-8092-X702	Ø0.105	Diamond guide upper Ø14 x 36.5 mmL - M8 x 1.0 mm ∂-A.B.C.iA.iB.iC.iD series - AWF	
	A290-8092-X704	Ø0.155		
	A290-8092-X705	Ø0.205		
	A290-8092-X706	Ø0.255		
	A290-8092-X707	Ø0.305		
F112T	A290-8104-X702	Ø0.105	Diamond guide upper for taper 45° roughing 42.5 mmL / Ø14 - M8 x 1.0 mm ∂-A.B.C.iA.iB.iC.iD series - AWF	
	A290-8104-X704	Ø0.155		
	A290-8104-X705	Ø0.205		
	A290-8104-X706	Ø0.255		
	A290-8104-X707	Ø0.305		
F113	A290-8110-X715 A290-8092-X715	Ø0.205	Lower wire guide ∂-A.B.C.iA.iB.iC.iD series - AWF	
	A290-8110-X716 A290-8092-X716	Ø0.255		
	A290-8110-X717 A290-8092-X717	Ø0.305		
F113-1	A290-8119-Y715	Ø0.205	Diamond double guide lower for AWF Ø9.0 x 20.3 mmL / M -SQ10 mm) ∂-iD2.xiE series (*2pcs-diamonds/Ø6.8 mm)	
	A290-8119-Y716 A290-8119-Y706	Ø0.255		
	A290-8119-Y717	Ø0.305		
F113T	A290-8110-Z712	Ø0.105	Diamond guide lower for taper 45° roughing	

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F113T	A290-8110-Z714	Ø0.155	Diamond guide lower for taper 45° roughing - Ø6.0 x 24.5 mmL ∂-A.B.C.iA.iB.iC.iD series - AWF	
	A290-8110-Z715	Ø0.205		
	A290-8110-Z716	Ø0.255		
	A290-8110-Z717	Ø0.305		
F114	A290-8104-Y705	Ø0.202	Diamond guide upper for high accuracy ∂-A.B.C.iA.iB.iC.iD series - AWF	
	A290-8104-Y706	Ø0.252		
	A290-8104-Y707	Ø0.302		
F115	A290-8110-Y715	Ø0.202	Diamond guide lower for high accuracy type F113-update ∂-A.B.C.D.xiA.xiB.xiC.xiD series - AWF	
	A290-8110-Y716	Ø0.252		
	A290-8110-Y717	Ø0.302		
F120	A290-8110-Y726		A290-8102-Y726 Sub die guide for upper Ø1.0 mm ∂-A.B.C.iA.iB series - AWF	
F124C	A290-8110-Y774 (Backje OEM)	Ø11	Sub die guide lower ceramic type Ø0.5-Ø1.0 mm ∂-0iD.0iDp.1iD.1iDp series - AWF ∂-xiB.xiC.xiE series	
		Ø12		
F125	A290-8102-Y756 (F125-1)	Ø1.5	Jet nozzle upper ceramic insert ∂-xiB.xiCx.xiDx.xiE series - AWF / L=28 mm	
	A290-8102-Y757 (F125-2)	Ø0.5		
	A290-8102-Y754 (F125-3)	Ø1.8		
	A290-8102-Y755 (F125-4)	Ø0.8		
	A290-8102-Y761 (F125-5)	Ø1.0		
F126	A290-8102-X723		Nozzle base upper - 4 screw holes Ø58 x Ø15 x 18.9 mmT ∂-B series - AWF	
F127	A290-8110-Y723		Nozzle base upper - 5 holes Ø58 x Ø15 x 19 mmT ∂-xiB.xiCx.xiDx.xiE series - AWF type	
F128	A290-8102-X620	Ø0.5	Upper sub-guide - fine wire spec. for upper ceramic ∂-xiB.xiC.xiDx.xiE series - AWF Ø0.5 - 10 x 14 mm (wire Ø0.20 mm~) Ø0.3 - 10 x 14 mm (wire ~Ø0.15 mm)	
	A290-8104-X620	Ø0.3		

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F129	A97L-0201-0490#136	Ø2.0	Upper pipe jet nozzle L=16.5 mm ø-xiB.xiDx series - AWF series Ø2.0 for standard wire Ø0.15 mm more than Ø0.20 mm Ø1.5 for thin wire Ø0.1 mm less than Ø0.15 mm	
	A97L-0201-0490#80	Ø1.5		
F130	A290-8116-X726		Upper sub-die guide Ø1.0 mm Ceramic insert ø-xiCx.xiDx.xiE series - AWF	
F140S	A290-8021-Y701		V ditch guide (Ceramic roller) Ø12 x Ø6.0 x 8.0 mm	
F141	A290-8102-X764		Nozzle ø series - AWF	
F201		Ø3.0	Water nozzle upper/lower for taper Ø25 x 15.9 mmT O.P.Q.R.T.W series - manual	
		Ø4.0		
	A290-8021-Y745	Ø5.5		
		Ø8.0		
		Ø10		
F201L		Ø5.5	Water nozzle lower long type nozzle T=5.0(L=20 mm) / T=10(L=26 mm) T=20(L=35 mm) / T=30(L=45 mm) O.P.Q.R.T.W series - manual	
F204	A290-8037-X870	Ø13	Water nozzle lower Ø28 x 10.8 mmT W1.W2.W3.W4 series - AWF	
	A290-8037-X879	Ø5.5		
F205	A290-8037-X689	Ø11	Water nozzle upper Ø11mm Ø11 - Ø28 x 15 mmT W1.W2.W3.W4 series - AWF	
	A290-8032-Y611	Ø5.5	Water nozzle upper Ø5.5 mm Ø5.5 - Ø28 x 15 mmT W1.W2.W3.W4 series - AWF	
F206	A290-8021-V722		Water nozzle cap - upper/lower (F201 & F202) stainless material Ø41.5 x 27 mmT O.P.Q.R.T.W series	

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Fe206-2	A290-8021-V725		Slide shaft for wire guide for F201/F202 O.P.Q.R.T.W series - manual	
F206-set			Nozzle holder assembly O.P.Q.R.T.W series - manual	
Fe206A	Fe206A		Nozzle holder	
	Fe206A-1		Die holder	
	Fe206A-2		Die holder lower W0 series	
	Fe206A-3		Holder base	
F207	A290-8048-X771		Water nozzle upper for taper Ø7.0 - Ø23.9 x 17 mmT W0 series - manual	
F208	A290-8048-X772		Water nozzle lower for taper Ø7.0 - Ø26 x 17 mmT W0 series - manual	
F209	A290-8109-X772 A290-8111-X772	Ø2.0	Water nozzle upper Ø40 x 38 mmT ∂-A.B.C.iA.iB.iD series - manual	
	A290-8101-X775	Ø4.0	Water nozzle upper Ø4.0 - Ø40 x 38 mmT ∂-A.B series only - manual	
	A290-8109-X774	Ø4.0	Water nozzle upper Ø4.0 - Ø29.8 x 27.8 mmT ∂-C series only - manual	
	A290-8111-X774		Water nozzle upper Ø4.0 - Ø40 x 38 mmT ∂-A.B.C.iA.iB.iD series - manual	
	A290-8101-X776	Ø6.5	Water nozzle upper Ø6.5 - Ø40 x 38 mmT ∂-A.B series only - manual	
	A290-8109-X776		Water nozzle upper Ø6.5 - Ø29.8 x 27.8 mmT ∂-C series only - manual	
	A290-8111-X776		Water nozzle upper Ø6.5 - Ø40 x 38 mmT ∂-A.B.C.iA.iB.iD series - manual	
	A290-8111-X778	Ø11.0	Water nozzle upper for taper Ø40 x 38 mmT ∂-A.B.C.iA.iB - manual	
F210	A290-8101-X755		Nozzle holder lower for F211 series Ø16 - Ø40 x 23 mmT W3 series - semi auto ∂-xiB.xiC manual series . ∂-0iDe.1iDe series only	
F211	A290-8103-X774	Ø2.0	Water nozzle lower Ø2.0 - Ø27/Ø10 x 16 mmT W3-semi auto ∂-A.B.C.iA.iB.iC.iD - manual series	
	A290-8101-X774	Ø4.0 (standard)	Water nozzle lower Ø4.0 - Ø27/Ø10 x 16 mmT ∂-A.B.C.iA.iB.iC.iD - manual series A290-8101-X756 for ∂-A.B.C series	

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F211	A290-8101-X756	Ø6.5	Water nozzle lower Ø6.5 - Ø27/Ø10 x 16 mmT W3 series - semi auto . Ø-0iDe/1iDe series only Ø-A.B.C.iA.iB.iC.iD - manual series	
F212	A290-8104-X775	Ø2.0	Water nozzle upper Ø39.8 x 23.5 mmT Ø-xiB.xiC.xiDx.xiE series - AWF type	
	A290-8102-X775	Ø4.0 (F214)		
	A290-8102-X751	Ø6.5 (standard)		
	A290-8102-X752	Ø12.0 (F216)		
F213	A290-8104-X774	Ø2.0	Water nozzle lower - Ø39.8 x 25 mmT Ø-xiB.xiC.xiDx series - AWF type	
	A290-8102-X774	Ø4.0 (F215)		
	A290-8102-X771	Ø6.5 (standard)		
	A290-8102-X772	Ø12.0 (F217)		
F218		Ø2.0	Water nozzle upper -Ø40 x 34 mmT only Ø-C - manual series	
	A290-8109-X774	Ø4.0		
	A290-8109-X776	Ø6.5		
F219	A290-8119-Z791	Ø2.0	Water nozzle lower Ø2.0 mm Ø2.0 - Ø46 x 23 mmL Ø-iD2.xiE series	
	A290-8119-Z786	Ø4.0		
	A290-8119-Z787	Ø6.5		
	A290-8119-Z788	Ø12.0		
F301	A290-8005-X722		Isolation plate lower 63 x 75 x 10 mmT W1.W2 series. L series - manual	
F302	A290-8021-X709		Isolation plate lower 75 x 62 x 10 mmT O.P.Q.R.T.W series - manual	
F303	A290-8032-X334		Isolation plate / lower 73.5 x 39 x 12 mmT W4 series - AWF	
F303W	A290-8048-X333		Isolation plate lower for suction type 73 x 56 x 10 mmT W3 series - semi AWF	

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F304	A290-8021-X602		Isolation plate upper 51 x 33 x 29 mm (Tap max Dist. - 35 mm) O.P.Q.R.T.W series	
F304A	A290-8037-X692		Isolation plate upper 51 x 31 x 30 mm (Tap max Dist. - 39 mm) W0 old types	
F305	A290-8101-X509		Isolation plate upper 40 x 40 x 34 mm ∂-A.B series	
F306	A290-8101-X312		Isolation plate lower - type A Ø72 x 15 mmT ∂-A..C series	
F306A	A290-8110-Y312		Isolation plate lower - type B Ø72 x 10 mmT ∂-xiB series	
F307	A290-8101-X761		Guide base lower for guide block F404A(J) : A290-8110-X770 75 x 56.5 x 66 mm ∂-A.B series	
F307-1			Guide base lower 75 x 56 x 66 mm ∂-C series	
F307-2 F308(J)	A290-8110-Y761		Guide base lower for guide block F404(J) : A290-8102-Y770 81 x 56/40 x 66 mm ∂-iC series	
F307-cover			Base cover	
F309	A290-8119-X764		Lower jet block 56 x 40 x 15 mmT only ∂-0iD.0iDp - AWF series	
F321			Isolation plate upper 64 x 42 x 23 mm W0 series - AWF	
F322			Isolator plate lower 56 x 43 x 15 mm W0 series	

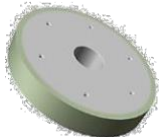
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F323 F305-2	A290-8110-X600		Isolation plate lower 70 x 35 x 27 mm ∂-1iA/1iB/1iD - AWF series ∂-1iC.1iC5 - AWF series	
F324 F305-1	A290-8102-X600		Replaced by F324 (refer to F305-1) Isolation plate upper 70 x 48 x 27 mm ∂-xiB series - AWF	
F400	A97L-0001-0670#1260Z		Bearing 1260Z for lower F401& F402 Ø12 x Ø6.0 x 4.0 mmT W series	
F401	A290-8004-X713		Wire sub lower roller (plastic+stainless type) Ø49 x Ø6.5 x 6.0 mmT W series	
F401-1	A290-8003-X254		Axle for sub roller (F401 or F401C) W series	
F401C	A290-8004-X713		Lower guide roller ceramic type Ø49 x Ø6.5 x 6.0 mm W series	
F401C-set	A290-8004-V316		Wire sub roller ceramic full-ass'y with axis & bearing W series color : red or white	
F401-set	A290-8004-V316		Wire sub roller stainless full-ass'y with axis & bearing W series	
F402	A290-8006-X707		Wire sub roller stainless type Ø64 x Ø6.5 x 6.0 mm W series	
F402C	A290-8006-X707		A290-8004-V316 Wire sub roller ceramic type Ø64 x Ø6.5 x 6.0 mm W series	
F402C-set	A290-8006-X707		Wire sub roller ceramic type with bearing	
F402-set	A290-8006-X707		Wire sub roller stainless type with bearing	

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F403		20 mmT	Guide base lower stainless steel 40 x 40 x 20/25 mmT ∂-A.B series	
	A290-8103-X762	25 mmT		
F404	A290-8110-X770		Lower guide block "A" for F307 - stainless 59.5 x 49 x 20 mmT ∂-A.B.C series - AWF.manual	
F404-1	A290-8101-X765		Sub roller stainless lower Ø38 x Ø22 x 11.9 mmT ∂-xiB series	
F404-1C	A290-8101-X765		Sub roller ceramic lower Ø38 x Ø22 x 11.9 mmT ∂-xiB.xiC series	
F404-2	A290-8101-X766		Shaft for F404-1(J) + F501(J) Ø10 x 31 mmL ∂-A.B series - AWF.manual	
F404-3	A290-8110-X766		Shaft for ceramic lower roller(A290-8101-X765) F404-1(J) + F501(J) Ø10 x 24 mmL ∂-C.iA.iB series	
F404A	A290-8102-Y770		Lower guide block "A" for F308 - stainless 69.0 x 49.0 x 20 mmT ∂-C.∂-0iB series - AWF.manual	
F404B	A290-8119-X762		Lower wire guide block - stainless steel *ps : ass'y with lower roller(F424) 77 x 50 x 20 mmT ∂-xiDx.xiE series	
F404BC	A290-8119-X762		Lower wire guide block - ceramic *ps : ass'y with lower roller(F424) 77 x 50 x 20 mmT ∂-xiDx.xiE series	
F405	A290-8101-X394		Feed guide plastic 13 x 19 x 20 mmT ∂-A..C series - AWF.manual	
F406	A290-8101-Z382		Pinch roller ceramic included SUS Ø40 x Ø20 (included SUS) x 18 mT ∂-A.B series - AWF.manual	
F407	A290-8101-Z383		Feed roller ceramic Ø40 x Ø20 (included SUS) x 19 mmT (roller=12mmT) ∂-A.B series - AWF.manual	

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F408	A290-8102-X393		Feed wire guide polycarbonate 57 x 20 x 34.5 mmT ∂-A.B.C series - AWF.manual	
F409	A290-8101-X371		Brake shoe upper Ø140 x 22 mmT ∂-A.B.C series - AWF.manual	
F409i	A290-8111-X371		Brake shoe upper Ø140 x Ø30 x 22 mmT ∂-xiB.xiC series	
F409W	A290-8011-V352		Brake shoe upper O.P.Q.R.W series	
F409W0	A290-8039-V352		Brake shoe upper Ø100 x 22 mmT W0 series - AWF	
F410	A290-8110-X382		Pinch roller ceramic only without bearing (F502) Ø40 x Ø28 x 30 mmT (cf. bearing ass'y= A290-8110-V384) ∂-C series - AWF.manual	
F411	A290-8110-X383		Feed roller ceramic Ø40 x Ø12 x 32 mmT (Roller=30 mmT) ∂-0C series - AWF.manual	
F412	A290-8110-Y762		Guide base for lower diamond guide assembly 46 x 40 x 23.8 mmT (ass'y with lower nozzle holder A290-8110-Y763) ∂-C.iA.iB.iC series	
F412A	A290-8110-X762		Guide base for lower diamond guide assembly 46 x 40 x 24.5 mmT - AWF	
F412B			Guide base for lower diamond guide assembly maual type	
F413	A290-8112-X382		Pinch roller with bearing Fe511(A97L-0201-0911) Ø80 x Ø42 x 22 mmT ∂-xiB.xiCx series	
F414	A290-8112-X383		Feed roller with bearing Fe504(A97L-0201-0910#) Ø80 x 25 mmT ∂-xiB.xiCx series	

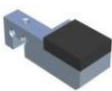
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F414-1	A290-8112-X373		Shaft for feed roller(F414:A290-8112-X383) Ø17 x 95 mmL Ø-xiB.xiCx series	
Fe415	A290-8037-X331		Feed roller SUS Ø80 x Ø28/20 x 18 mm O.P.Q.R.W series	
Fe415C	A290-8037-X331		Feed roller ceramic Ø80 x Ø28/20 x 18 mm O.P.Q.R.W series	
Fe416	A290-8037-X330		Pinch roller SUS Ø80 x Ø11 x 18(24) mm O.P.Q.R.W series	
Fe416C	A290-8037-X330	Ø11(i.d.)	Pinch roller ceramic Ø80 x Ø11/15 x 18 mm O.P.Q.R.W series	
		Ø15(i.d.)		
Fe417	A290-8037-X805		Pinch roller Ø60 x Ø28 x 18 mm W0 series - AWF	
Fe418	A290-8037-X806		Feed roller Ø60 x Ø11 x 24 mm W0 series - AWF	
Fe419			Ceramic roller Ø23 x Ø12 x 12 mm W3-series semi-auto	
Fe420			Pulley ceramic assembly - manual type	
Fe421			Ceramic roller upper with V-groove for wire-out Ø39 x Ø17 x 12 mm W semi-auto series	
Fe421-1			Shaft M4 - Ø6.0 x 23 mm Guard - Ø8.0 mm W semi-auto series	
Fe422A			Roller lower ceramic with tap Ø40 x Ø14 x 12 mm W0.W1 series	

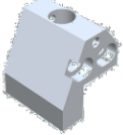
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Fe423			Lower roller Ø38 x Ø14 x 12 mmT (3-Ø3.5 mm)	
Fe424	A290-8119-X766		Lower roller ceramic for wire Ø38 x Ø22/Ø25 x 16 mmT with 3-M2.5 (Ø3.0 mm) ∂-xiDx.iD2.iE series	
Fe425	A290-8119-X382		Pinch roller ceramic Ø80 x Ø44 x 22 mmT ∂-xiDx.xiE series	
Fe426	A290-8119-X383		Feed roller ceramic Ø80 x Ø17 x 29 mmT (only cermic roller 22 mmT) ∂-xiDx.xiE series	
Fe501	A97L-0001-0670#DRF2280H		Lower bearing DRF2280H for F424(J)/F404-1/F404-1C M422 (608-SUS / non-rubber cover) Ø25 x Ø22 x Ø8.0 x 7.0mm ∂-xiB.xiDx.xiE series	
Fe502	A97L-0201-0369#6001LLU		Lower bearing SS6001LLU for F406/F410/F417 Ø28/Ø12 x 8.0 mm (6901RS) ∂-A.B.C series	
Fe503	A97L-0201-0369 #6203LLU		Replaced by A290-8101-X765 Lower bearing SS6203LLU Ø40 x Ø17 x 12 mm ∂-A.B series	
Fe504	A97L-0201-0910#6003LLU		Ball bearing SS6003LLU shaft for feed roller /F413.F414.F421(J).F422(J) Ø35 x Ø17 x 10 mmT ∂-xiB.xiCx.xiDx.xiE series	
Fe505	A290-8110-X751		Electrode pin securing screw for die block upper Ø11 x Ø5.5 x 34 mmL ∂-xiA.xiB.xiC.xiDx series ∂-xiE series-only upper	
Fe506	A290-8110-X752		Screw upper Ø11 x Ø5.5 x 26 mmL ∂-C series	
Fe507	A290-8102-X657		Refer to Fe705 Cutting electrode upper 6.0 x 6.0 x 10 mm / Ø2.50 mm ∂-xiA..xiC series - AWF type	
Fe508	A98L-0001-0973		V-packing 6" Ø140 x Ø110 x 15 mmT ∂-1iB series	

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Fe509	A98L-0001-0972		V-packing 4" Ø115 x Ø87 x 14 mmT ø-0iB series	
Fe510	A290-8102-X656		Refer to A290-8102-X659 Chuck "2" rubber ø-A.B series - AWF	
Fe510A	A290-8102-X655		Chuck "2" plastic ø-A.B series - AWF	
Fe511	A97L-0201-0911#6807		Bearing SS6807LLU for pinch roller (F413 : A290-8119-X382) Ø47 x Ø35 x 7.0 mmT ø-xiB.xiCx.xiDxseries	
Fe512	A290-8102-X684		Plate cutter spring for AWF detection unit malfuction 38 x 20 x 13 mm ø-xiBx.xiDx.xiE series	
Fe513			Cutter spring 38 x 20 x 9.0 mm ø-iC series - AWF	
Fe514	A290-8110-X721		Block upper (ass'y with Fe514-1) ø-C.iA.iB series	
Fe514-1	A290-8102-Y722		Upper die guide base for lower half of the upper guide part Guide base holder assembly with Fe514	
Fe514A	A290-8116-Y751		Upper guide base block for ø-C 70 x 55 x 31	
Fe514A-1	A290-8116-Y752		Upper guide base block for ø-C 70 x 27 x 15.5	
Fe515			Spacer	
Fe516	A290-8102-X722		Die guide base for upper guide block(A290-8110-X721) & die guide ø-xiB series	

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Fe517			Bobbin scrap	
Fe518	A290-8102-X721		Block upper (ass'y with Fe514-1) ∅-A.B series	
Fe518-1			Die guide base	
Fe519	A290-8112-X656		Chuck rubber with 2-∅2.0 mm 8.4 x 10 x 13.5 mm ∅-xiB - AWF series	
Fe522A	A290-8116-Y756		Slide pin upper for F006 PFC (ceramic+TC type) ∅6.0 x ∅9.0 x 17 mmL ∅-xiCx.xiDx.xiE series - AWF type	
Fe523	A290-8021-X726		Upper cover acril 42.5 x 39 x 24 mmL W series - manual	
Fe524	A290-8104-X612		Detection pin holder=block ∅-xiB series	
Fe600			Bellows 145 x 20 x 21 mm W2 series	

JAPAX

J001	MGK0001	10.0 x 4.0 x 7.0 mmT	Current supply upper & lower LS250A----1000A. L300.L500.LXR (AF3)	
J002	MGS1122	10.5 x 10.5 x 7.0 mmT	Current supply upper & lower EX-P20.LU-3B.LUX-3.LV-3. LXE350----1000. LXR50--100/350S--1000S	
J003	A4G0003	20 x 20 x 7.0 mmT	Current supply upper & lower LDM series(AF4).LXR-S. EXP.LUX.LXR.LV.LXE series for AWT	
J004	MGK0101	12.0 x 6.0 x 6.0 mmT	Sub guide with groove upper LDM35-100/LDM-5. LXE350---1000/LV-3. LXR50---100.	
J101	SSZ1102	Ø0.105 mm	Dies guide upper S type LS-S.LS-X.LUX.LV.LXE. LXR.LDM.ELVY Manual / AF type L=19 mm	
	SSZ1113	Ø0.155 mm		
	SSZ1106	Ø0.205 mm		
	SSZ1107	Ø0.255 mm		
	SSZ1108	Ø0.305 mm		
J102	SSZ2102	Ø0.105 mm	Dies guide lower S type LS-S.LS-X.LUX.LV.LXE. LXR.LDM.ELVY Manual / AF type L=14 mm	
	SSZ2113	Ø0.155 mm		
	SSZ2106	Ø0.205 mm		
	SSZ2107	Ø0.255 mm		
	SSZ2108	Ø0.305 mm		
J103	SSZ1002	Ø0.105 mm	Dies guide upper A type LS-A.LU3B - Manual	
	SSZ1013	Ø0.155 mm		
	SSZ1006	Ø0.205 mm		
	SSZ1007	Ø0.255 mm		
	SSZ1008	Ø0.305 mm		
J104A	SSZ3002	Ø0.105 mm	Guide diamond lower	

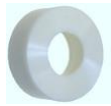
JAPAX

J104A	SSZ3013	Ø0.155 mm	Guide diamond lower LS-A Manual-float type L=44 mm	
	SSZ3006	Ø0.205 mm		
	SSZ3007	Ø0.255 mm		
	SSZ3008	Ø0.305 mm		
J104B	SSZ2002	Ø0.105 mm	Guide lower A type LS-A.LU3B - Manual L=28 mm	
	SSZ2013	Ø0.155 mm		
	SSZ2006	Ø0.205 mm		
	SSZ2007	Ø0.255 mm		
	SSZ2008	Ø0.305 mm		
J108	SSZ0010	Ø0.205 - Ø0.305	Dies guide upper & lower Amada / Japax	
J201	MGS-113101	Ø6.0 mm	Nozzle lower LS-S.LU.LD series	
J202	MGS-1121	Ø6.0 mm	Nozzle lower LS-S.LU.LD series	
J203	111G054	6.0 mm	Nozzle lower LS-S.LU.LD series	
J205	MGX-5003	Ø4.0/Ø5.0/Ø7.5 mm	Nozzle lower LUX-3(New).LV-3. LXE(New).LXR Manual / AF type	
J206	MGX-5013	Ø3.0/Ø4.0 mm Ø6.0/Ø9.0 mm	Nozzle upper LUX-3(New).LV-3. LXE(New).LXR Manual / AF type	
J207	MGX-5006	Ø6.0 mm	Nozzle upper Assembly MGX-5006 set (J207A + J207B) LXE(old type)....Manual LS.LD.LU.LV	

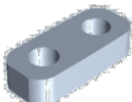
JAPAX

J208		Ø4.0 mm	Nozzle lower special long	
J209		Ø8.0 mm	Nozzle lower LS-A.LS.LD.LU.LV.	
J210		Ø31 x Ø8.0 x 51 mm	Nozzle long type upper LS-A.LS.LD.LU.LV.	
J211	A4G0001	Ø4.0 mm	Nozzle lower LDM.AF4	
J212	A4G0002	Ø6.0 mm	Nozzle lower LDM.AF5	
J213	LDM2346	Ø4.0 mm	Nozzle lower for J214 LDM.LUX / Intertechno	
J213	LDM2306	Ø6.0 mm	Nozzle lower for J214 LDM.LUX / Intertechno	
J213-1		Ø5.0 mm	Nozzle lower for J214-1 Only Intertechno	
J214		Ø42 x Ø13 mm	Ajustment nut for lower nozzle(J213) LDM / Intertechno	
J214-1		Ø42 x Ø13 mm	Ajustment nut for lower nozzle (J213-1) Only Intertechno	
J215	LDM2020		Nozzle upper LDM / Intertechno	
J215-1		L=13.5 mm	Nozzle upper id=6.0 mm Only Intertechno	

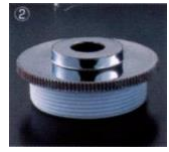
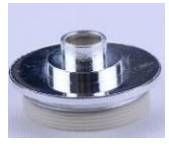
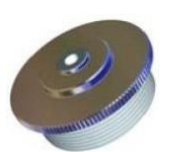
JAPAX

J301			Ceramic plate upper 80AR-LDM-100/50	
J302		Ø100 x 70 mm	Ceramic plate lower 80AR-LDM-100/50	
J401		Ø100 x Ø24 x 20 mm	Tension roller SUS & urethane 30RL-B-103	
J401C		Ø100 x Ø24 x 20 mm	Tension roller ceramic type 30RL-B-102	
J402			Capstan roller	
J403			Pinch roller	

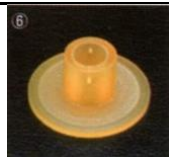
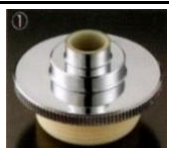
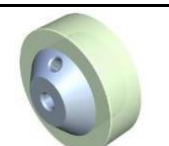
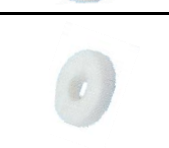
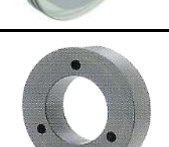
MAKINO

MA001	1EC80A715		Power feed contact - upper/lower 9.5 x 9.5 x 3.2 mmT - Ø4.0 mm EC-3025/3040/7050 with III-type head.	
MA002	Z248W0100100		Power feed contact - upper/lower 19 x 10 x 4.2 $\pm$ 0.05 mmT EC-3025/3040/7050 with IV-type head EE series.	
MA003			Power feed contact 24 x 9.0 x 6.0 mmT TW. FW series	
MA004	Z248W0200200		Z284W0200300(A007) Power feed contact upper/lower 4.0 x 8.0 x 19 mm (R=3.0 mm) EU-64. U-32K. U-53K. U-53i. SP series	
MA005	Z248W0200100		Power feed contact - upper/lower 19 x 10 x 4.0 mmT U series	
MA006	Z248W0200400		Power feed contact 22 x 16 x 8.0 mmT (Ø4.3 mm & 2-Ø3.3 mm) UxxJ series-lower (A007=upper) WXXFB series DUO 64	
MA007	Z248W0200300		Power feed contact upper (A004) 4.0 x 8.0 x 19 mm (R=3.0 mm) UxxJ series (A006=lower)	
MA103	23EC085A205	Ø0.07 $^{+0.01}$	Upper diamond guide round type Ø7.0 x 30.5 mmT - M5 W32FB. W53FB series	
	23EC085A207	Ø0.10 $^{+0.01}$		
	23EC085A222	Ø0.15 $^{+0.01}$		
	23EC085A209	Ø0.20 $^{+0.01}$		
	23EC085A212	Ø0.25 $^{+0.01}$		
MA104	20EC090A216	Ø0.07 $^{+0.01}$	Lower diamond guide round type Ø17 x 21(14.5+6.5) mmT - M5 W32FB. W53FB series	
	20EC090A213	Ø0.10 $^{+0.01}$		
	20EC090A201	Ø0.15 $^{+0.01}$		
	20EC090A203	Ø0.20 $^{+0.01}$		
	20EC090A207	Ø0.25 $^{+0.01}$		

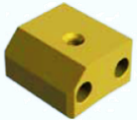
MAKINO

MA121	Z491J0007000		Needle "10" stamped water jet diameter 2.0 mm WxxFB. UxxJ series	
MA201	6EC80A418=1 6EC80A418=2		Nozzle guard (1) small type-0 for taper (M42-tap) assembly with A204 (4EC80A708=1) Ø50/Ø40 x idØ12 x 20(=15+5.0) mmT upper/lower :UxxJ series for taper upper/lower :EE. EH. EC. U. EU / only SP series	
MA202	6EC130A402		Nozzle holder big (2) type-8 upper & lower Ø50/Ø40 x idØ12 x 28.2(=15.5+4.5+8.2) mmT EE. EH. EC. U. EU series	
MA203	4EC130A701=1		Rubber insert big / nozzle type-8 upper for A202 Ø22 x idØ8.0 x 10.6 mmT upper : EE. EH. EC. U. EU.SP.UxxJ-nozzle close lower : EE. EH. EC. U. EU series	
MA204	4EC80A708=1		Rubber insert small / Ø22 x Ø8.0 x 2.7 mmT Nozzle type-0 for A201 (6EC80A418=2) taper upper/lower : EE. EH. EC. U. EU. SP. UxxJ series only lower : WxxFB series	
MA205	15EC80C401	Ø5.0	Laminar nozzle upper/lower Ø50/Ø40 x idØ5.0 x 22(=17.5+3.0+1.5) mmT EE. EH. EC. U. EU series	
	15EC130C401=1	Ø7.0	Laminar nozzle upper/lower Ø50/Ø40 x idØ7.0 x 22(=17.5+3.0+1.5) mmT EE. EH. EC. U. EU series	
MA206	6EC80A419		Plastic ring=Lock nut upper/lower for MA201. MA202. MA205 Ø50/Ø40 x 5.0 mmT EE. EH. EC. U. EU series	
MA207	20EC130A401		Laminar nozzle Ø6.0 mm (M42 tap) - nozzle away WxxFB - only lower (cf. upper =23EC085A223) UxxJ - with SUS SP43 bushing - upper/lower	
MA208-1	18EC80A719		Nozzle spacer upper with guard A208 or A208-2 & nozzle A209 UxxJ series-high speed machining	
MA208-2	20EC80A702		Insulation bushing - assembly with nozzle guard A208 & below as: upper : with A209+A208-1 lower : with A210+A208-3	
MA208-3	18EC130B705		Nozzle spacer lower with guard A208 & A208-2/3 & nozzle A210. WxxFB. UxxJ series-high speed machining	
MA209	18EC80A717		Nozzle for high speed upper type-8 Ø6.0 mm with A208(guard) or A208-2(spacer). A208-1 UxxJ series-high speed machining	

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MA210	18EC130B706		Nozzle lower with air hole Ø6.0 mm with A208 or A208-2 & nozzle spacer A208-3 UxxJ. WxxFB series-high speed machining	
MA211	23EC085A410=1		Nozzle guard upper for high speed machining (M36-tap)-metal type Ø50/Ø35 x idØ11.0 x 23mmT cf.) lower guard =18EC130B401(M42-tap) WxxFB series	
MA213	23EC085A713=2		Laminar nozzle upper Ø50/34.5(M36-tap) x idØ6.0 x 20 mmT WxxFB-nozzle away machining cf) lower head with M42 tap (20EC130A401=1)	
MA214	23EC085A411=2		Nozzle guard type-5 upper assembly with 23EC085A707=2 Ø50/Ø35 x idØ12 x 25(=15.5+4.5+5.0) mmL WxxFB-nozzle close machining	
MA401	6EC100A747		Urethane roller (I-axis roller) upper for D-shaft Ø33.5 x 16 mmT (roller=11.5 mmT) prevents the wire from loosening at the clutch roller EC32. EC64. EU64. SP43. WxxFB. UxxJ series	
MA402	1EC100B703		Felt pad for B-axis Ø32/Ø5.0 x 5.0 mmT WxxFB. UxxJ series	
MA403	6EC100A761		Felt pad for I/H-axis Ø15/Ø6.0 x 2.0 mmT WxxFB. UxxJ series	
MA404	6EC220B714=1		Felt pad front for both side - wire guide unit upper C1 Ø16/Ø3.0 x 2.0 mmT WxxFB. UxxJ series	
MA405	6EC220B716=1		Felt pad rear for wire guide unit upper Ø16/Ø4.0 x 2.0 mmT WxxFB. UxxJ series	
MA406	6EC100B404		Clutch roller - generates wire tension with 3-M5 (2-V type grooves) - Ø105/Ø29.5 x 14 mmT WxxFB. UxxJ series	
MA407	15EC100F411		Clutch roller D-type for generator wire tension with 3-M5 (D shaft) with 2-U type grooves below U53 (Ø104/Ø29.5 x 14 mmT)	
MA408	18EC100A701		Pinch roller ceramic for L/M-axis WxxFB. Uxxj series Ø70/Ø38 x 16 mmT (3-Ø6.0mm)	

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MA601			Energizing block	
MA602	20EC090A401		Block energizing plate for SP43 - brass small - one side taper 12 x 22 x 23.5 mm	
MA603			Energizing block	
MA604			Energizing block - Ø4.5 mm	
MA605			Energizing block - Ø5.0 mm	
MA901			Bellow- circle type Ø150/Ø45 x 45 mmL	

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M001	X054D125H03 X054D125H05	DC015A		Power feed contact - upper&lower Ø7.0/Ø0.7 x 22 mmL N.F.F1.G.H.H1.HA.C - manual	
M001S				Power feed contact / index type Ø7.0/Ø0.7 x 22 mmL G.H.HA series	
M002	X054D129H04 X054D476H01	DA284A		X054D476H01 Power feed contact lower Ø7 x 22 mmL F.F1.G.H.HA.SA.SB.SZ - SK1.SK2.SK3.AF1	
M002S	X054D476H01	DD919A		Replaced by X054D129H04 Power feed contact lower Ø7.0/Ø0.7 x 22 mmL H.G (SK2.SK3) / F1.F.G (SK1) / HA.SZ.SB (AF1)	
M003A	X054D216H01	DD216A		Power feed contact upper-A Ø2.9/Ø0.7 x 16 mmL G.F1.F series - SK1	
M003B				Power feed contact upper-B Ø2.9/Ø0.5 x 16 mmL G.F1.F series - SK1	
M004A	X054D199H01	DC648A		Power feed contact upper-B Ø2.9/Ø0.7 x 16 mmL G.F1.F series - SK1	
M004B				Power feed contact upper-A Ø2.9/Ø0.5 x 16 mmL G.F1.F series - SK1	
M005	X054D345H01	DA286A		Power feed contact upper 3.0 x 27.5 x 2.5 mmT H.G ----- SK2.SK3 PA.SA.SZ.HA.SB.H1 ----- AF1	
M005G	X054D345H02	DD376A		Power feed contact upper - coated 3.0 x 27.5 x 2.5 mmT H.G ----- SK2.SK3 PA.SA.SZ.HA.SB.H1 ----- AF1	
M005T				Power feed contact upper - cermet long life type 3.0 x 27.5 x 2.5 mmT H.G ----- SK2.SK3 PA.SA.SZ.HA.SB.H1 ----- AF1	
M006	X054D024H01			Power feed contact / lower 16 x 16 x 9.0 mmT (Ø7.0 mm) DWC70 200 series - manual	

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M008	X054D186H02	DA289A		Power feed contact - upper&lower fine wire option 10 x 6.0 x 8.0 mm H1. HA series - manual	
M009	X056C075H04	DP478A		Power feed contact - upper&lower Ø24.8 x Ø10 x 19.9 mmL QA.RA.FX.CX.PA.FX-K.HA.FA series	
M009-1	X059D448G52	DQ745A		X268D042G51 Plastic pin for M009 Ø10+0.15~0.2 mm QA.RA.FX.CX.PA.FX-K.HA.FA series	
M009L				Power feed contact long life - upper&lower Ø24.8/Ø10 x 19.9 mmL QA.RA.FX.CX.PA.FX-K.HA.FA series	
M009N	X056C432H01 X056C075H05	DP395A		Replaced by X056C075H06 Power feed contact non polished - upper&lower Ø24.8/Ø10 x 19.9 mmL QA.RA.FX.CX.PA.FX-K.HA.FA series	
M009V	X055C118H02	DQ206A		Power feed contact - upper&lower Ø24.8 x Ø10 x 19.9 mmL FA-V.FA-VS series - AT	
M009VN	X055C118H02	DQ206A		Power feed contact non polished - upper&lower Ø24.8 x Ø10 x 19.9 mmL FA-V.FA-VS series - AT	
M010	X054D990H01	DA781A		Power feed terminal for annealing auto-threading cut. Ø8.0 x 21 mmL (tap=10 mmL) HA.SA.SB.SZ.SX.CX.FX.FK-K.RA.FA.FA-V.FA-S. BA.NA.MV - AF2.AF3.AT.AT2	
	X058D459H03			Detection pin Ø8.0 x 20 mmL HA.SA.SB.SZ.SX.CX.FX.QA.RA.FA series	
M011	X088D493H02	DCR46A		Power feed contact - upper&lower 5.0 x 18 x 38 mm BA-8/24.NA series	
M012	X089D256H01(2)	DEG23A		X089D256H02 Power feed contact upper&lower 5.2 x 18 x 41.2 mm MV - Intelligent AT	
M012		DEU42A		Power feed contact - upper&lower MV series	
M101-1	X053C082G58			Diamond guide upper/lower N.F series - manual	

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M101-1	X053C082G60			Diamond guide upper/lower N.F series - manual	
	X053C082G51	DD717A			
	X053C082G56	DD719A			
	X053C082G65	DD732A			
	X053C082G68				
	X053C082G69				
	X053C082G70				
M101-2	X052B040G62		Ø0.105	Diamond guide upper/lower F1.G series - manual	
	X052B040G63		Ø0.155		
	X052B040G64	DD779A	Ø0.205		
	X052B040G65	DD692A	Ø0.255		
	X052B040G66	DD716A	Ø0.305		
	X052B040G54		Ø0.202	Diamond guide upper/lower 90PG - manual (fine wire option)	
	X052B040G55		Ø0.252		
	X052B040G56		Ø0.302		
M102	X053C188G57		Ø0.105	Diamond guide lower - F1.G.H series - SK1	
	X053C188G58		Ø0.155		
	X053C188G54	DD744A	Ø0.21	Diamond guide lower F1.G - SK H.H' -- SK1.SK2	
	X053C188G55	DD746A	Ø0.26		
	X053C188G56	DD747A	Ø0.31		
M103	X052B054G51		Ø0.105	Diamond guide upper/lower 90PH.HA.H1.C.H - manual	
	X052B054G52		Ø0.155		
	X052B054G53	DA120A	Ø0.205		
M103	X052B054G54	DA119A	Ø0.255	Diamond guide upper/lower 90PH.HA.H1.C.H - manual	
	X052B054G55	DA118A	Ø0.305		

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M104	X052B092G54	DC571A	Ø0.21	Diamond guide lower H' series - SK3	
	X052B092G55	DD849A	Ø0.26		
	X052B092G56	DD843A	Ø0.31		
M105	X053C137G64 X053C137G54	DD780A DE593A	Ø0.21	Diamond guide upper Ø4.0 x 16(+7.0 Tap) mmL F.F1.G series - SK1	
	X053C137G65 X053C137G55	DD767A DE594A	Ø0.26		
	X053C137G66 X053C137G56	DD782A DE595A	Ø0.31		
M105-1	X054D190H03	DD045A		Set pipe upper for C137G Ø4.0 x 50 mmL F.F1.G series	
M106	X052B102G53	DC717A	Ø0.205	Diamond guide upper Ø4.0 x 60 mmL H.H' series - SK1	
	X052B102G54	DC847A	Ø0.255		
	X052B102G55	DD796A	Ø0.305		
	X052B102G51		Ø0.105		
	X052B102G52		Ø0.155		
M107	X052B123G53	DA115A	Ø0.205	Diamond guide upper SA.SB.SZ.HA.H1 series - AF1	
	X052B123G54	DA114A	Ø0.255		
	X052B123G56 X052B157G53	DA113A	Ø0.31		
M107-1	X052B240G52	DD795A	Ø0.205	Diamond guide upper with hole-ceramic SA. SB. SZ. HA. H1 series - AF1	
	X052B240G53	DD887A	Ø0.255		
	X052B240G54	DD888A	Ø0.31		
M108	X054D162G54			Set screw lower - Ø0.4 M12 - Ø10.5 x 11 mmT F.F1.G.N series - manual	
M109	X054D171G54	DC697A		Die guide A upper M12 x Ø0.40 x 11 mmL G.F.F1.H.H' series - SK1.SK2.SK3	
M110	X053C136G52		Ø0.4	Eccentric center dies upper F.F1.G series - SK1	
	X053C136G54		Ø0.6		

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M111	X053C245H02			Die holder for PFC upper/lower G.H.H1.HA.C.SA.SB.SZ series manual.SK3.AF	
M111-1				O-ring for M111 G.H.H1.C.SA.SB.SZ series	
M112	X053C299G51			Eccentric center dies upper with 0.5 mm groove Ø0.4 x 9.5 mmL G. H. H' series -SK1.SK2.SK3	
M113	X053C628G51			Set screw ceramic lower Ø0.4 x 12.5 mmT H1.HA.SA.SB.SZ series - AF1	
M114	X053C241G52			Set screw upper/lower Ø0.4mm - M12 - Ø11 x 13.5 mmT H.H'.HA.C series - manual diamond (JP=SUS)	
M117	X052B176G51		Ø0.105	Diamond guide lower H1.HA.SA.SB.SZ series - AF1	
	X052B176G52		Ø0.155		
	X052B176G53	DA123A	Ø0.205		
	X052B176G54	DA111A	Ø0.255		
	X052B176G55	DA110A	Ø0.31		
M117-1	X052B241G54	DD861A	Ø0.255	Diamond guide lower with air hole H1.HA.SA.SB.SZ series - AF1	
	X052B241G55	DD877A	Ø0.31		
	X052B241G53	DD894A	Ø0.205		
	X052B241G51		Ø0.105		
	X052B241G52		Ø0.155		
M117T	X053C602G52		Ø0.26	Diamond guide lower for taper H1.HA.SA.SB.SZ series - AF1	
	X053C602G53		Ø0.31		
M120	X053C524G51			Set screw upper M12 - Ø11.5 x Ø0.4 x 13 mmT H1.HA.SA.SB.SZ series - AF1	
M122	X053C012G54		Ø0.21	Diamond guide upper/lower DWC-70 ... 200 series - manual. AF	

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M122	X053C012G56		Ø0.26	Diamond guide upper/lower DWC-70 ... 200 series - manual. AF	
	X053C012G57		Ø0.31		
M124	X053C104G54	DD696A	Ø0.21	Diamond guide lower - Ø0.21 mm F series - SK1	
	X053C104G55	DD701A	Ø0.26		
	X053C104G56	DD703A	Ø0.31		
M125	X053C153G55 X054D153G55	DJ519A		Sub guide upper - Ø0.4 F.F1.G.H series - SK1.SK2.SK3	
M126	X053C508G51	DA097A		Sub dies guide "B" upper "HSWB" - Ø0.35/Ø0.40 Ø12 x 33.5 mmL H1.HA.SA.SB.SZ series - AF1	
M127	X053C557G51	DA100A		Sub dies guide "A" - Ø0.5 H1.HA.SA.SB.SZ series - AF1 1pc	
M129-1	X927D278H01			Compression coil spring for M129C	
M129-2				O-ring for spring for M129C	
M129C	X058D054H02	DA801A	Ø1.5	Jet nozzle ceramic NA Ø23 x 21 mm	
	X054D826H06	DC454A	Ø0.5		
	X054D826H08	DC839A	Ø1.0		
			Ø2.0		
M130A	S684D823P13		Ø0.5	Jet nozzle upper - Ø0.5 mm SUS inserted ceramic H1.HA.SA.SB.SZ - AF1	
	S684D823P14		Ø1.0		
	S684D898P61		Ø1.5		
M131	X177B558H02	DA212A		Sub dies holder upper Ø26 x 54.5 mm H1.HA.SA.SB.SZ - AF1	
M132	X053C834G51		Ø0.105	Diamond guide upper RA.FA.FA-V.NA type-P	

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M132	X053C834G52		Ø0.155	Diamond guide upper RA.FA.FA-V.NA type-P	
	X053C834G53	D6310A	Ø0.205		
	X053C834G54	D6311A	Ø0.255		
	X053C834G56	D6312A	Ø0.31		
	X056C833G53	D6039A	Ø0.31	Diamond guide upper - Ø0.31 mm RA.FA.FA-V.NA - AT	
	X056C833G51	D6307A	Ø0.21		
	X056C833G52	D6308A	Ø0.26		
M132-1	X056C412G51		Ø0.055	Diamond guide upper for fine wire option - double diamonds PX-05.90PA.NA - AF2.AF3	
	X056C412G54		Ø0.075		
	X056C412G55		Ø0.105		
M133	X052B243G63	DA760A	Ø0.105	Diamond guide upper HA.SA.SB.SZ.SX.CX.FX.FX-K.QA.FA-S.BA.NA series - AF2.AF3.AT2	
	X052B243G64	DA761A	Ø0.155		
	X052B243G61	D6300A	Ø0.205		
	X052B243G65 X052B507G55	D6301A	Ø0.255		
	X052B243G62	D6302A	Ø0.31		
	X052B387G51	D6297A	Ø0.21	Diamond guide lower FA.FA-V.RA.NA - AT	
	X052B387G52	S6298A	Ø0.26		
	X052B387G53	D6299A	Ø0.31		
	X056C426G51		Ø0.055	Diamond guide lower for fine wire option PX-05.90PA.NA - AF2.AF3	
	X056C426G52		Ø0.105		
	X056C426G53		Ø0.075		
	X056C426G54		Ø0.035		
M134	X204D293H02	DA875A		Cap cover lower HA.SA.SB.SZ.SX.CX.FX.QA - AF2.AF3	

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M135	X054D896G51	DA537A		Sub dies "A" upper - Ø0.5 HA.SA.SB.SZ.SX.CX.FX.FX-K.QA - AF2.AF3	
M136	X054D897H01	DA522A		Holder for sub dies "B" upper - Ø0.5 HA.SA.SB.SZ.SX.CX.FX.FX-K.QA - AF2.AF3	
M137	X058D963G51	DH302A		Sub dies "B" Ø0.50mm RA.FA.FA-V.BA.NA.MV series - AT.AT2	
M138	X059D084G51	DAC02A		Sub dies "A" - Ø1.00 mm RA.FA.FA-V.BA.NA.MV series - AT.AT2	
M139	X054D496G51	DC800A		Guide pipe "A" upper for wire 0.1 & 0.15 mm Ø4.0 x Ø0.5 x 136mmL H1.HA.SA.SB.SZ series - AF1	
M140	X054D504G51	DC830A		Guide pipe "A" upper Ø4.0 x Ø0.8 x 136mmL H1.HA.SA.SB.SZ series - AF1	
M141	X053D499G51	DA257A		Guide pipe "B" upper for wire 0.1 & 0.15 mm Ø13 x Ø0.5 x 84.5mmL H1.HA.SA.SB.SZ series - AF1	
M142	X054D424G56	DA258A		Guide pipe "B" upper Ø13 x Ø0.8 x 84.5mmL H1.HA.SA.SB.SZ series - AF1	
M143	X054D980G51	DB850A		Guide pipe "A" upper Ø18 x 115 mmL HA.SA.SB.SZ.SX - AF2.AF3	
M144	X054D836G53	DC512A		Guide pipe "B" upper Ø12.7 x 95 mmL HA.SA.SB.SZ.SX - AF2.AF3	
M145	X058D975G52	DJ499A		Guide pipe upper Ø14 x 123.4 mmL RA.FA.FA-V series - AT	
M145 set				Guide pipe RA.FA.FA-V series - AT	

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M145-1				Pipe block RA.FA.FA-V series - AT	
M145-2				Ceramic Guide RA.FA.FA-V series	
M146	X056C507G51			Guide "U" upper - Ø0.4 72 x 34 x 9.4 mmT QA.FX-K.PX-05 series - AF3	
M147	X053C884G52	DA769A		Guide "D" lower - Ø0.40 mm 60 x 33 x 12.5 mmT CX.FX.SX.QA.PX-05 series - AF3	
M148	X056C274G51			Guide "U" upper - Ø0.4 80.4 x 34 x 9.4 mmT FX series - AF3	
M149	X056C846G51	DJ803A		Guide "U" upper - Ø0.4mm 72 x 33 x 13.5mmT FA.RA.NA.MV series - AT	
M150	X053C884G55	DK315A		Guide "D" lower - Ø0.8 60 x 33 x 12.5 mmT FA.FA-V.RA series - AT	
M151	X052B627G64	DEG26A	Ø0.205	Wire guide upper MV - intelligent AT	
	X052B627G63	DEG27A	Ø0.255		
	X052B627G62	DEG28A	Ø0.305		
M152	X052B609G64	DEG34A	Ø0.205	Wire guide lower MV - intelligent AT	
M152	X052B609G63	DEG35A	Ø0.255	Wire guide lower MV - intelligent AT	
	X052B609G62	DEG36A	Ø0.305		
M153	X085C032G51	DEH09A		Sub dies "ABC"	
M154	X085C079G53	DEG39A		Guide "UD" MV	

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M155	X085C096G53	DEG40A		Guide "C" "UD" MV	
M160				Jet Nozzle Ø0.5/Ø1.0/Ø1.5 mm MV type	
M200	X183C443H01	DC4549A	Ø4.5	Water nozzle - upper Ø46 x 25 mmT HA.H1.C.H series. 90PH standard DWC200H only for 5-axis	
	X183C443H02		Ø8.0		
M202A	X183C439H01	DA146A		Water nozzle Ø4.5 mm - upper with ditch Ø60 x 28 mmT H'.H series(SK). 90PH(manual) HA.H1.C.H series	
M202B	X183C439H01		Ø4.0	Water nozzle upper Ø4.0 mm - Ø60 x 28 mmT H ----- SK HA.H1.H.90PH - manual	
	X183C439H02		Ø6.0		
	X183C439H03	DA1143A	Ø8.0		
M205L set				M202 type- special long nozzle set L=20/30/40 mmL Ø60 x 28(+L) mmT H - SK / HA.H1.H.90PH - manual	
M205L long				Only for long nozzle optional L=20/30/40 mmL H - SK / HA.H1.H.90PH - manual	
M205L				Water nozzle only for long type Ø60 x 28 mmT H - SK / HA.H1.H.90PH - manual	
M207A	X053C491H01			Nozzle lower with ditch Ø4.0 mm - Ø38 x 31 mmT plastic-brass type of M2102 HA.H1.C.H.90PH - manual	
M207B	X053C491H01		Ø4.0	Water nozzle lower (plastic+brass type of M2102) Ø38 x 31 mmT HA.H1.C.H.90PH - manual	
	X053C491H02		Ø6.0		
	X053C491H03		Ø8.0		
M207L				Water nozzle lower long type H ----- SK HA.H1.H.90PH - manual	

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M210	X053C621H01			Water nozzle lower - one side cut Ø4.0/Ø6.0/Ø8.0 mm - Ø38 x 31 mmT PA.A.Z.HA.B.H1 series - AF1	
M2101	X053C621H01	DA145A	Ø4.0	Water nozzle ceramic lower - one side cut Ø38 x 31 mmT PA.A.Z.HA.B.H1 series - AF1	
	X053C621H02		Ø6.0		
	X053C621H03	DA144A	Ø8.0	Water nozzle ceramic lower - one side cut Ø38 x 31 mmT PA.A.Z.HA.B.H1 series - AF1	
			Ø12.0		
M2102	X054D209H11 X054C491H01	DC504A	Ø4.0	Flushing nozzle ceramic lower Ø38 x 31 mmT G.F1 - SK / 90PG - manual	
	X054D209H12	DC882A	Ø6.0		
	X054D209H13		Ø8.0		
M2103	X054D881H07 X054D881H03		Ø4.0	Replaced by X054D881H03 Flushing nozzle ceramic lower Ø41 x 25.5 mmT HA.SA.SB.SZ.SX.CX.FX.FX-K.QA.FA-S.BA.NA	
	X054D881H02 X154D881H04		Ø8.0		
	X054D881H05		Ø12.0		
			Ø15.0		
M2103-1	X194D428H04			Spring for nozzle M2103/M212 Ø20 x 18 mm	
M211	X183C378H01	DA147A		Flushing nozzle upper Ø4.0/Ø8.0 mm - Ø60 x 23 mmT PA.A.Z.HA.B.H1 series (AF1)	
M211-1				Flushing nozzle upper with ditch Ø4.0 mm - Ø60 x 23 mmT HA.H1.SA.SB.SZ series (AF1)	
M212				Flushing nozzle lower - both side cut Plastic-brass type for M2103 Ø4.0/Ø6.0/Ø8.0 mm - Ø41 x 25.5 mmT HA.SA.SB.SZ.SX.CX.FX.FX-K.QA.FA-S.BA.NA	
M212A				Flushing nozzle lower with ditch Ø4.0 mm - Ø41 x 25.5 mmT CX.FX.SX.FA.QA.RA.PX.PA.FX-K.FA-S.NA.	
M212L	X054D918H01		Ø4.0	Plastic flushing nozzle FS lower Ø41 x 25.5(+5.0) mmL FA.RA.QA.PX.FX-K.CX.SX.PA.A.Z.HA.B series FX30 only	
	X054D918H02		Ø8.0		

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M215	X056C836H01 X186C793H01	DQ442A	Ø4.0	Flushing nozzle - upper for M216/M218 Ø64.9 x 21.5 mmT HA.SA.SB.SZ.SX.CX.FX.FX-K.QA.FA- S.BA.NA.MV	
	X056C836H02 X186C793H02	DQ443A	Ø8.0		
	X186C793H03		Ø12.0		
M215-0				O-ring for M215	
M215-1	X186C793H01			Water nozzle - upper - Ø73 Ø4.0/Ø8.0/Ø12 mm CX.SX.FX series - AF2.AF3	
M215-2				Water nozzle - upper - Ø85 Ø4.0/Ø8.0/Ø12 mm FX.FA series - AF2.AF3	
M215L				Water nozzle - upper M215 long Ø4.0 x Ø64.9 x 21.5(+L) mmT	
M215L set				Water nozzle - upper M215 long Ø4.0 x Ø64.9 x 21.5(+L) mmT L=10/20/30/40 mm	
M216	X182B458G02	DB788A		Flushing nozzle holder - upper for M215 Ø63 x Ø15.5 x 20 mmT with 8-holes HA.SA.SB.SZ.SX.CX series	
M216-1	X187B370H03	DF698A		Flushing nozzle holder - upper for M215 Ø73 x Ø15.5 x 22 mmT with 8-holes FA.FX30.FX-K.QA.RA series	
M217	X196C451H01	DA868A	Ø4.0	Flushing nozzle upper for M219 Ø48 x 17 mmT only FX10.FX20 series - AF3	
	X196C451H02	DA869A	Ø8.0		
M219	X182B957H01			Water nozzle upper holder for M217 Ø75 x 20 mmT with 6-holes only FX10.FX20 series - AF3	
M220	X085C155H01	DEG41A	Ø4.0	Water nozzle upper - Ø4.0 mm Ø53 x 20.6 mmT MV - intelligent AT	
	X085C155H02	DEG42A	Ø7.0		
			Ø12.0		
M221	X085C131H01(11)	DEG44A	Ø4.0	Water nozzle lower Ø42 x 23.6 mmT MV - intelligent AT	

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M221	X085C131H02(12)	DEG45A	Ø7.0	Water nozzle lower Ø42 x 23.6 mmT MV - intelligent AT	
			Ø12.0		
M301	X053C162H01			Isolator plate upper 100 x 68 x 33 mmT F1.G.H.H'.H1.HA.C - manual for taper cut	
M302	X054D185G51			Isolator plate lower 120 x 105 x 11(+5.5) mmT F1.G.H.H' - manual	
M303	X053C228G52			Isolator plate lower 120 x 105 x 11(+5.5) mmT F1.G.H.H' series - SK1	
M303-1	X183C065G52			Isolator plate lower 120 x 104 x 10 mmT F.G.H series - SK1.SK2	
M303-2	X175C508H01			Isolator plate lower 120 x 104 x 11 mmT H series - SK3	
M303-3				Isolator plate lower 120 x 104 x 11 mmT H series - SK3	
M304	X052B166G51			Isolator plate lower 115 x 106 x 25 mmT SA.SB.SZ series - AF1.AF2	
M305	X053C443H01			Isolator plate lower 115 x 80 x 30 mmT DWC110HA.110H1.200HA.200H1 - manual.AF	
M306	X053C314H01			Isolator plate lower 76 x 70 x 30 mmT DWC90H1.90HA.90C series - manual.AF	
M307	X056C110G51			Replaced by X056C110G51 Isolator plate lower Ø115 x 15 mmT SX.CX series (AF2/3)	
M308	X056C273G51			Isolator plate lower Ø115 x 20 mmT FX10.RA90 - manual/AF	

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M309	X056C356G51(2)	DA984A		Isolator plate lower Ø125 x 20 mmT FX20.FX20-K.FX30.FX30-K - manual. AF	
M310	X056C968G51	DK888A		Isolator plate lower Ø125 x 20 mmT (115 x 100 x 20 mmT) FA10 series - AT	
M311				Isolator plate	
M400	X198D838H01			Aspirator lower with O-ring H1.HA.C.SA.SB.SZ series - manual.AF1.AF2	
M400-1	X194D998H02	DA334A		Rectifier ring lower H'.H1.HA.SA...SX.CX.FX.QA.RA.FA manual.AF1.AF2.SK3	
M401-1				Shaft for roller M401 Ø19/Ø12/Ø8.0 x 51 mmL H'.H.G.F1.F series - SK1.SK2	
M401C	X058D078G51	DB721A		Pinch roller ceramic Ø57 x 18 mmT CX - beginning period - AF3	
	X054D257G51	DC421A		Pinch roller ceramic Ø57 x 18 mmT H'.H.G.F1.F series - SK1.SK	
M402-1	X176C305H02			Shaft for roller M402C Ø15 x 126 mmL F.G.H series	
M402-2	X194D152H01			Shaft cover / fixing plate for 12 mm shaft for roller M402 Ø58 x 11 mm 90H.H series	
M402C	X058D077G51	DB720A		Capstan roller ceramic Ø57/Ø10 x 18 mmT CX - beginning period - AF3	
	X054D256G51	DC407A		Capstan roller ceramic Ø57/Ø10 x 18 mmT H'.H.G.F1.F series - SK1.SK	
M403-1				Shaft for roller M403 Ø19/Ø12/Ø8.0 x 51 mmL H1.HA.SZ.HA.SB.SA - AF1.AF2 110PH ----- SK3	
M403-2				Collection spring H.HA.SZ.SA series	

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M403C	X054D413G51	DA169A		Pinch roller without gear Ø57/Ø19 x 25 mmT H1.HA.SZ.HA.SB.SA - AF1.AF2 110PH ----- SK3	
M404-1	X175C862H01			Roller shaft long type Ø12 x 112 mmL 200H1/H series H1.H series	
M404-2	X183C679H01			Roller shaft Ø15 x 112 mmL H2 series	
M404-3	X198D458H02			Shaft cover for roller Ø57.3/Ø15 x 17.3 mmT H1.H2.HA series	
M404C	X054D412G53	DA278A		X054D412G51 Capstan roller without gear Ø57/Ø10 x 25 mmT H1.HA.SZ.HA.SB.SA - AF1.AF2 110PH ----- SK3	
M405-1				Shaft for roller M405 Ø19/Ø12/Ø8.0 x 51 mmL HA.H1.C.SX.110PA - manual.AF	
M405C	X053C779G51	DC594A		Pinch roller ceramic without gear Ø57/Ø19 x 25(+7.0) mmT H'.H1.HA.C.SA.SB.SZ.SK.110PA - manual.AF	
M405C-set				Pinch roller assembly with gear HA.H1.C.SX.110PA - manual.AF	
M406-1	X185C963H01			Shaft for roller M406 Ø15 x 117 mmL only 90HA series	
M406-2	X186C827H01			Shaft for roller Ø17 x 121 mmL HA.SX series	
M406-3	X185C815H01			Shaft for roller Ø20/Ø15 x 104 mmL SZ series	
M406-4	X208D123H02			Shaft cover for roller Ø17 mm HA.SX series	

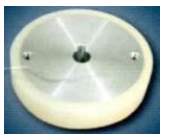
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M406C	X053C778G51	DC595A		Capstan roller ceramic without gear Ø57/Ø10 x 25(+7.0) mmT H'.H1.HA.C.SA.SB.SZ.SK.110PA - manual.AF	
M406C-set				Capstan roller assembly with gear HA.H1.C.SX.110PA - manual.AF	
M407C	X058D340G51	DA835A		Pinch roller ceramic Ø57/Ø19 x 18 mmT FX.RA.FX-K series - manual.AF	
M407C-set				M407C assembly with flange & gear Ø57 mm FX.RA.FX-K series - manual.AF	
M407-1				Roller Shaft FX series	
M407-2 M408-2		DD936		Spacer for roller(M407/M408) Ø57 x Ø18.25 x 25.9 mmT FX series	
M408-1	X186C827H04	DC809A DA894A		Roller shaft Ø17 x 121 mmL FX.FA series	
M408C	X058D339G51	DA834A		Capstan roller ceramic Ø57/Ø10 x 18 mmT FX.RA.FA20.FX-K series QA.PX05=capstan+pinch	
M408C-set				M408C with flange & gear Ø57 mm FX.RA.FA20.FX-K series QA.PX05=capstan+pinch	
M409-1	X268D780H01 X269D368H01			Roller shaft Ø12/Ø8.0 x 67 mmL FA series - AT	
M409-2	X268D846H01			Roller plate for gear with 2-Ø4.5 mm holes Ø57/ Ø12 x 7.5(13.5) mmT FA series - AT	
M409C	X055C008G51	DK339A		Pinch roller ceramic Ø57/Ø19 x 25 mmT FA series - AT	

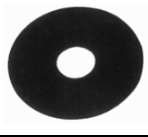
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M409C-set				Pinch roller ceramic assembly FA series - AT	
M410-1				Roller shaft Ø17/Ø12/Ø10 x 129 mmL FA series - AT	
M410-2				Roller plate for gear Ø57 Ø12 x 7.5(14.5) mmT with 2-M4 & key hole	
M410C	X055C009G51	DK338A		Capstan roller ceramic Ø57/Ø12 x 25 mmT FA series - AT	
M410C-set				Pinch roller ceramic assembly FA series - AT	
M411C	X055C663G51	DBC52A		Capstan roller ceramic with key-home Ø80/Ø15 x 26 mmT FA.FA-S Advance.BA-8/24.NA.MV series	
M411-1				Gear Ø85X13	
M412C	X055C662G51	DBC53A		Pinch roller ceramic Ø80/Ø28 x 26 mmT FA.FA-S Advance.BA-8/24.NA.MV series	
M420	X058D501H01	DA841A		Gear Ø28 mm (- with spacer) for M405C/M406C & M407C/M408C C.H1.HA.SA.SB.SZ.SX.RA.FA - AT series	
M420-1	X054D257G51 X058D438H01			X058D438H01 Gear - Ø23 mm FX.FX-K series	
M421C	X203C607H03	DCA67A DH062A		S684D893P59 Lower roller / main tension ceramic Ø40/Ø22 x 14 mmT FX.QA.RA.FA.FA-S.FX-K.BA.NA.MV series	
M421-1				Roller shaft - Ø50 FX/FA/FA-20P	

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M421-2				Spacer	
M422	P840F000P69	D1707A		Replaced by XBRRD-F608HDD / SSF608DD Bearing 608V-stainless for lower roller (M421.421C) Ø25/Ø22 x Ø8.0 x 7.0 mmT FX.QA.RA.FA.FX-K.NA.MV series (AF3.AT)	
M423	X053C829G54 X053C920G51A			X053C920G51A Aspirator lower HA.SA.SB.SZ.SX.CX.FX.QA.RA.FA series	
M424	S601D899P01	DA218A		Wire feed DC motor upper 16CL-2501G HA.SA.SB.SZ.SX.CX.FX.FX-K - SK3.AF2.AF3	
M425	X058D912G51 X088D350G52	DAM30A		Replaced by X088D350G52 Urethan MT pinch roller A upper (needs : M458 bearing) 50/Ø19 x 22 mmT RA.FA.FA-V.BA.NA.MV series - AT	
M426				Main tension rubber roller with 2-hole / 2-groove Ø113/Ø16 x 15(+32.5) mmT CX.FX.FX-K.FA series - AF3	
M426A				Main tension urethan roller SX series	
M426B	X053C559G52	DB233A		Urethan roller Ø103 x Ø16/Ø30 x 15(+20) mmT SX-10P.QA.PX.(FX type renewal) with 1-hole key-home / 2-groove	
M427	P840K002P36	DBC98A		Bearing 6902-H-20TIXZZ1 for M412C (pinch roller) Ø28/Ø15 x 7.0 mmT FA.FA-S.Advance. BA.NA.MV series - AT	
M428	X089D051G51	DEH11A		Main tension roller upper Ø80/Ø10 x 22 mmT MV - Intelligent AT	
M429C	X089D258H01(2)	DEH01A		MELA3-13008TA Lower roller ceramic with V groove Ø46/Ø25 x 16 mmT MV - Intelligent AT	
M430	P840K003P73	DEH02A		Bearing 608-H-20 for lower roller (DFA0800) - Intelligent AT Ø22 x Ø8.0 x 7.0 mmT MV series	

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M445	X199D297H02			Water cover upper for nozzle M202. M211 Ø200/Ø55 x 2.0 mmT F.G.H'.H1.H.SA.HA.SB.SZ.C series	
M445-2	X179D943H03	DD167A		Water cover upper for nozzle M215 Ø160/Ø60 x 2.0 mmT HA.SA.SB.SZ.SX.CX.FX30.FX-K.QA.RA.FA.FA-S. NA series - AF2.AF3.AT.AT2	
M451	X179D323H02			Cap screw upper & lower for current block N.F.F1.G.H.H'. (only upper H1.HA.C)	
M452	X176C706G02			Replaced by X176C706G52 Die block upper ass'y with M451 & connector 63 x 56 x 27 mm F1.G.H.H'.H1.HA.C series - manual	
M452-1				Plate for M452 N.F.F1.G.H.H' series - manual	
M452 UP					
M453-1	X176C610H01			Dies block body lower F1.G.H.H' series F1.G.H.H' - manual.SK1.SK2	
M453-2	X184D271H06 X194D428H02			Nozzle stopper for lower die block 43 x 48 mm F1.G.H.H' - manual.SK1.SK2	
M453-3	X179D410H01			Lower die block F.G.H.HA series - manual.SK1.SK2	
M453-4	X179D406H04			Wire guide for lower SK	
M453-set				Lower die block assembly wire guide without M453-4 F1.G.H.H' series - manual.AF	
M454	X177B046H03			Lower die block HA.H1(option) series - manual.AF	

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M454-set				Die block lower ass'y with M460 & M453-2 H1.HA series - manual.AF	
M455A	X174D680H03	DC527A		Lower pulley "B" complete Ø45 mm F1.G.H.H' series - manual	
M456	X194D877H03 X183C442H01	DA231A		Lower roller stainless steel without bearing(M457) Ø40 x 14(+17) mmT CX.SX.PA.SA.SZ.HA.SB.H1 - manual.AF	
M456AV				Lower roller	
M456P				Lower roller	
M457	S859N319P33 S859N319P10	DA189A		S859N319P10 Bearing SSRF-1970DD/SSF607DD(M607V) for M456 Ø22/Ø19X/Ø7.0 x 6.0 mmT CX.SX.PA.SA.SZ.HA.SB.H1.PX05	
M458	S859N319P31	DA197A		Bearing SSRF-1980DD (M698V) - pinch roller bearing for M401C.M403C.M405C.M407C.409C.M425 Ø22/Ø19/Ø8.0 x 6.0 mmT F.G.H.H1.HA.C.SA.SB.SZ.SX.CX.QA.FA.RA.MV	
M459	X177B713H02			Lower roller base block DWC-HA/H1/90C/CR/CX - manual	
M459-1	X198D777H01			Cover plastic lower Ø42 x 10 mmT H1.HA series - AF1	
M459-3	X198D776H01			Lower cover (pipe holder) plastic or brass Ø36/Ø16 x 25 mmT H1.HA series - manual.AF	
M459-4	S913N313P11	DA361A		Wave washer for M456 16.3 x 12.7 mm H1.HA.SA.SB.SZ.SX.CX - manual.AF	
M459-5	X194D873H01	DA094A		Spacer for M456 Ø18.8 x Ø12 x 1.0 mmT H1.HA.SA.SB.SZ.SX.CX - manual.AF	

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M459-6	S922N040P07	DB329A		Retaining ring for M456 H1.HA.SA.SB.SZ.SX.CX - manual.AF	
M459-7	X208D601H01			Guide cover assembly H1.HA.SA.SB.SZ.CX.SX series	
M459F-set				Guide base M454+M459 set HA series - AF1	
M459-set				Guide block lower DWC90C - manual	
M460	X189D690H04			Stainless clamping for M454 Ø35 mm HA.H1.H.SZ series - AF1	
M460-1				Stainless clamping for M454 Ø35.50 mm (OD size : M460+0.50 mm) HA.H1.H.SZ series (AF1)	
M461	X053C522G51	DA168A		Pinch roller upper gear type with M463 clock wise Ø22 x 16 mmT H1.HA.SA.SB.SZ.SX.CX.FX.FX-K series	
M461-1	X194D790H02			Shaft for M461 upper Ø10 x 32.5 mmL H1.HA.SA.SB.SZ.SX.CX.FX.FX-K series	
M462	X053C522G52	DA543A		Feed roller upper gear type with M463 reverse clock wise Ø22 x 16 mmT	
M463	S811N724P02			Bearing NF-06 for M461.M462 oneway clutch type Ø12/Ø6.0 x 9.9 mm H1.HA.SA...SX.CX.FX.FX-K - manual.AF2.AF3	
M463-1	S859N219P39			Ball bearing XBRRD-SSL1260ZZ Ø16/Ø6.0 x 4.0 mmT 110HA - AWT H1.HA.SA.SB.SZ.SX.CX.FX.FX-K series	
M464	X058D991G51	DH883A		Upper pinch roller Ø18/Ø6.0 x 14 mmL (FA-20PS series only)	

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M465	X058D991G52	DH871A		Upper pinch roller Ø18/Ø6.0 x 21 mmL FA-20PS series only	
M470	X209D212H01 X068D026G51	DA886A		X068D026G51 Horder lower for M009 A.SA.SB.SZ.SX.CX.FX.QA.RA.FA.FA-V AF2.AF3.AT	
M471	X208D405H01			Horder upper for M009 HA.SA.SB.SZ.SX.CX series - AF2.AF3	
M472	X058D133H01	DA812A		Shaft coupling FX.FX-K.RA.FA.FA20M	
M500	X055C959H01 X055C012H01	DDN27A DK837A		Motor speed control 100V - Panasonic M71X15S4LG for cutter (M501) CX series - end period FX.FX-K.RA.FA.BA.FA-S advance.NA	
M501	S684D894P09A	D2393A		X056C326G51(2) Cutter unit - wire Ø0.15-3.0 mm CX series - end period. FX.FX-K.RA.FA.BA.NA.FA-S.Advance.MV	
M501-1	X058D376H01	DAY61A		Replaced by X268D92H01 Fixed blade tungsten carbide for M501 CX series - end period. FX.FX-K.RA.FA.BA.NA.FA-S.Advance.	
M501-2	X203C145H04	DB172A		Aspirator plastic material for cutter unit M501 Ø30 x 79 mmL CX series - end period. FX.FX-K.RA.FA.BA.NA.FA-S.Advance.	
M501-3	X258D350H01	DA915A		Deteccling nozzle for cutter unit M501 CX series - end period. FX.FX-K.RA.FA.BA.NA.FA-S.Advance.	
M501-4	X258D168G54			Coupling for cutter unit M501 CX series - end period. FX.FX-K.RA.FA.BA.NA.FA-S.Advance.	
M501-5	X258D320G51			Pipe end head (Quill end) for cutter unit M501 (LOC 36) Ø25 x 58 mmL FX-K series - AF3	
M501-6	X058D503G51			Pipe holder for cutter unit M501 CX series - end period FX series	

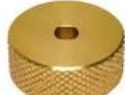
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M501-7-CX	X254D700G52			Ceramic transfer pipe end wire guide for CX series - end period refer to "M501-5"	
M501A	X056C326G51(2)			S684D894P09A Cutter unit for fine wire Ø0.10 mm wire option CX series - end period. FX.FX-K.RA.FA.BA.NA.FA-S Advance.	
M501B				Body for cutter unit M501 CX series - end period FX series	
M501BE				Bearing 6901RS for cutter unit M501 Ø24 x Ø12 x 6.0 mmT CX series - end period FX.FA series	
M501C				Cap for cutter unit M501 CX series - end period FX.FA series	
M501M				Cutter main blade - tungsten carbide	
M501MG				Cutter main blade long life - Tin coated	
M501S				Spacer for cutter unit M501 CX series - end period FX series	
M502	X058D186G51	DB789A		Cutter unit 62 x 62 x 36 mmH CX(beginning period) - AF3	
M502-1	X058D376H01			Fixed blade tungsten CX(beginning period) - AF3	
M502BE				Bearing CX(beginning period) - AF3	
M502M				Main blade	

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M502MG				Main blade long life - Tin coated	
M600-1	X182B893H01			Upper die block assembly with door for nozzle M207 105 x 66 x 47 mm FX10/20 series - manual.AF	
M601	X187B284H01			Upper die block with door - with side a hole 80 x 69 x 47 mm FX-K.QA series - manual.AF	
M601P					
M601-1				Door for M601 FX-K.QA series - manual.AF	
M602 Me704	X181A280G51			Refer to Me704 Lower roller base for M456 roller 70 x 98 x 98 mm SX series - manual.AF	
M602-set					
M603	X181A735G51			Lower roller base block for M421 70 x 98 x 98 mm FX(beginning period).FX-K.FA - manual.AF	
M603F-set				Guide base lower M603 set + E701 FX series	
M603-set				Guide base lower M603 + M423 + M422 + M421C + M421-1 FX series	
M604	X181A184G52			Guide base lower (Me701C) FA.RA series	
M605	X187B580H01			Dies guide block upper without door for sink-tank type L=80 x 70 x 47 mm FA series	

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M605-1				Block door FA - water tank type	
M605-2	X268D104H01			Plate block for door Plate for carbide hook FA series	
M605-3				Air cylinder for upper FA series	
M605-4				Air cylinder nipple FA series	
M605-set	X187B580H01 X192B442H02			Upper die block with door ass'y for FA water tank type series side 5-holes 80 x 70 x 47 mm	
M606A				Upper die block with door ass'y (M601-1) for RA water flushing type series 80 x 70 x 47 mm (same as M601 door)	
M606B	X187B532H01	DK183A		Upper die block with door ass'y (M605-1) for RA water tank type series side 5 pcs-holes (same as M605 door) 80 x 47 x 69 mmL	
Me151	X053C902G51			Guide "U" upper HA.CX.SA.SX series	
Me152	X056C146G51			Guide "U" for Me702UP CX - AF3	
Me153	X055C631G52			Guide "U" upper - Ø0.40 mm BA series	
Me170	X260D821N51			Dies driver CX.SA.SX.FX.FA series	
Me311				Isolator plate lower Ø115 x 110 x 20 mmT	

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Me312				Isolator plate lower 156 x 80.5 x 8.0 mmT 90PH series	
Me313				Isolator plate lower Ø38 x x 74 x 4.0 mm AF1 type	
Me314	X053C901G51			Isolator plate upper 51 x 82 x 32.5 mm HA.SZ.SB series - AF2	
Me421-1	X196C131H01			Roller shaft Ø8.0/Ø43.5/Ø50 x 45 mmT FX.FA.RA.FA20P series	
Me481	P421A030P00			Limit switch counter clockwise - D2MC-01ELA	
Me481-1				Wire breakage detection LS actuator lever protection - ceramic tube Ø2.0 x 40(6) mmL QA.SZ series	
Me482	X184D885H01			First wire pulley with bearing Ø60/Ø50 x Ø9.0 x 44 mmL	
Me483	X054D554H01			Wire guide pulley with bearing Ø80/Ø19 x 20 mmT	
Me484	X054D121H02			Pulley for wire guide upper with bearing Ø66/Ø19 x 6.0 mmT	
Me484-1				Bearing for Me484	
Me484A				Pully with bearing Ø66/Ø19 x 6.0 mmT FA series	
Me484B				Pully with bearing Ø86/Ø19x 6.0 mmT FA series	

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Me485	X178D933H02			Felt plate Ø45/Ø10 x 10 mmT F.F1.H1.HA - manual series	
Me485-1	X174D199H02			Felt brake Ø45/Ø10 x 7.0 mmT QA series	
Me485-2				Spring	
Me485-3				Felt Plate	
Me486	X053C175G51			Urethan roller Ø100/Ø16 x 16 mmT F.G.H.HA series	
Me486-1				BR-12 NTN bearing for urethane roller	
Me487				Felt brake Ø70/Ø10/8.0 mmT	
Me487-1				Power feeder	
Me488	X058D429H01	DB009A M3712		DELA3-13417TA Pulley with bearing Ø90/Ø7.8/Ø19 x 20 mmT SA.SX.CX.FX.FX-K.PX.FA.QA series	
Me489	X264D949H01			Pulley with bearing Ø90/Ø19 x 25 mmT	
Me489-1				Shaft	
Me490C	X056C839G51 X056C851G51			Main tension ceramic roller Ø80 x Ø10 x 22 mmT RA.FA series - AT	

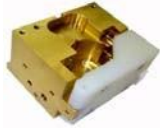
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Me491				Pulley with bearing Ø90/Ø19 x 32 mmT	
Me492				Urethan roller Ø103/Ø16 x16 mmT SA.SZ.QA series	
Me493				Pulley with bearing Ø64/Ø62 x 22 mmL SB series	
Me494				Pulley with bearing Ø60/Ø19 x 104 mmL SB series	
Me495				Pulley with bearing Ø49/Ø19 x 106 mmL P series	
Me496	X188D208H02			Pulley with bearing Ø62/Ø6.0 mm (SK type)	
Me497				Motor braket for bobbin 35 x 112 x 20 mmH	
Me498				Motor braket for bobbin 35 x 120 x 20 mmH	
Me510-1				Pipe end	
Me511				Aspirator Block	
Me512				Ceramic nozzle	
Me701-1	X208D528H02	DC089A		Nozzle stopper with 2 pins for lower die block 46 x 48 mm HA.SA.SB.SZ.SX.CX.QA.FX.RA.FA series	

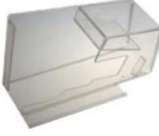
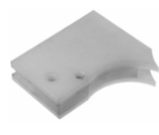
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Me701-2	X186C819H01 X205C102H01			Die guide block door cover FA.RA series.- AF2	
Me701-2	X186C819H02			Die guide block cover set with pin.packing.screw HA300.SA.SX.CX.FX.FX-K - AF2	
Me701-3	X054D943H01	DA779A		Plate spring for door lower die block 7.0 x 40 x 0.8 mm FA20.FX10.RA90.CX.SX.FX series - AF2	
Me701-4	X927D266H01 X208D555H01			Packing for door FX series - AF3.AT	
Me701A	X182A995H01	DC394A		Lower guide block with Ø6.8 mm CX.FX.FX-K.QA series	
Me701B	X182A995H02	DJ943A		Dies block lower with 2-Ø6.8 mm FX series	
Me701C	X187B621H01			Lower die guide block with 2-M4 tap & 2-Ø6.8 mm FA.FA-V.FA-S.Advance series	
Me701C-1				Block (nipple cover)	
Me701D	X182B684H01	DK259A		Lower guide block with 2-Ø6.8 mm & 2-M4 with tap for cover & Zn plate for anti-corrosion FA.RA - AF2 series	
Me702UP				Upper die guide block - rebuilding type SA.SB.SZ series - AF	
Me703	X182A183G51			Lower roller base block for M456 roller 97 x 74 x 70 mm HA.SZ series - AF2	
Me705-1				Plastic door only for Me705A or 705B type SA.SX.CX series	

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Me705A	X182B598H01			Upper die guide block - large type with plastic door (set of M471 & Me701-3) 65 x 63 x 43 mm HA.SZ.CX series - AF2	
Me705B	X182B667H21			Upper die guide block - small type with plastic door SA.SA series	
Me705UP				Upper die guide block - rebuilding type with steel door assembly	
Me706-set				Guide base + roller base lower set SZ series - AF2	
Me707				Lower die block FA series	
Me707-1				Pipe holer FA series	
Me708-set				Upper die guide block for M471 with steel door (side - 5 holes) CX series	
Me709				Die block BA series	
Me801				Power or discharge cable upper & lower set 90/110/200H.90/110/200HA series	
Me802				Power or discharge cable L=600 mm 90SB series	
Me804				Power or discharge cable upper & lower set FX10 series	
Me840	X182B501G51			Collection acrylic cover SA.SX series	

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Me841	X182B437G51			Collection acrylic cover SZ.HA series	
Me842	S684B898P30			Collection acrylic cover for rear out H. H1.H2.HA series	
Me843				Collection acrylic cover QA series	
Me844				Collection acrylic cover FA series	
Me845-1	X054D165H03			X054D165H03 Shaft for Me845 roller SK2 type	
Me845-2	X184D570K01			Belt gear Ø47/Ø10 x 10.5 mmT SK2 type	
Me845-3	X184D571K01			Belt gear Ø47/Ø16 x 3.0 mmT	
Me845-4	X183C107H01			Block SUS for Me845(roller) lower SK2 type	
Me845C				Lower ceramic roller - capstan roller Ø57/Ø10 x 12 mmT DWC90H - SK2 type	
Me846C				Lower pinch roller MR-456-SK1P Ø25/Ø19 x 9.0 mmT	
Me847				Pipe holder AF1 type	
Me848				Collection spring for manual types	

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Me849				Lower roller with shaft (Me849-1) DWC-H1 series - SK3 Ø50/Ø19 x 18 mmT	
Me849-1				Shaft for Me849 roller SK2 type	
Me851	X053C988G51			Seal plate SA.SZ.SX series	
Me852	X859N219P33			Beraring 6800ZZ	
Me853	S859N219P06	DA690A		Bearing SS1760ZZ - 606ZZ/1K SA.SZ.SX series	
Me854	X058D685H01(2)	M1712		MELA3-16212A Packing rubber B SA.SZ.SX10.FX10.QA10 series	
Me857				BS bolt for slide plate (Me851) SZ.SA.SX series	
Me858				Collection shaft "B" M6 x 69 mmL	
Me858-1				Collection shaft "B" M8 x 80 mmL	
Me859				Collection shaft "A" Ø14/Ø10 x 73 mmL	
Me860				Bellow circle type for work tank SZ series	
Me861				Bellow circle type for work tank SA.SX series	

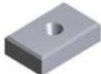
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Me862				Bellow for work tank 90H series	
Me863				Bellow for work tank 110H series	
Me864				Bellow for work tank 200H series	
Me865				Slide plate large	
Me871A				Gip strip for axis - U.V 20 x 27 x 200 mm manual	
Me871B				Gip strip for axis - U.V 20 x 27 x 160 mm manual	
Me872				Solenoid block for repair set	
Me873				Cover for axis - U.V 90F.90H.90G.90HA series	
Me874				Cover for axis - U.V 110H.110HA.200H.200HA series	
Me875				Cover for axis - U.V HA series	
Me876				Cover for axis - U.V SA.SX series	
Me877				Stopper manual for axis - U.V	

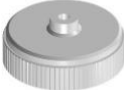
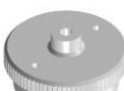
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Me878				Gear Shaft for Z-arm axis	
Me879				U.V Cover CR	
Me880				Division block H.HA series	
Me900	X176C876G51			Skirt (curtain) - front L=110 mm	
Z041M	S801D824P01			Flow-meter C-30FN-10 3/8 . C30-SD2 "TOFCO" Japan	
Z045M	S649D899P14	DA671A		Float switch for Z-axis water tank "OLV-2A" SA.SB.SZ.SX.CX.FX.FX-K.QA.RA.FA.FA-V FA-S.BA.NA series	

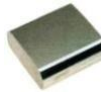
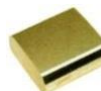
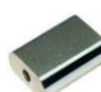
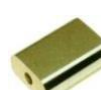
ONA

O001	AE6699003	Ø6.0	Power feed contact - upper/lower Ø6.0 - 25.5 x 6 mmT	
	AE6699007	Ø8.0	Power feed contact - upper/lower Ø8.0 - 25.5 x 6 mmT	
O002	AE6699004	Ø6.0 x 16 x 16 mm	Power feed contact Ø6.0 x 16 x 16 mm	
O003	AE6699004	Ø8.0 x 16 x 16 mm	Power feed contact Ø8.0 x 16 x 16 mm	
O004	AE8505003	12.5 x 12.5 x 4 mm	Cutter 12.5 x 12.5 x 4 mm	
O005	E66000005	18.5 x 38 x 4 mm	Power feed contact 18.5 x 38 x 4 mm	
O006A	AE6699004	24 x 10 x 4 mm	Power feed contact 24 x 10 x 4 mm	
O006B	AE6699005	16 x 10 x 4 mm	Power feed contact 16 x 10 x 4 mm	
O101	AE6999006	Ø0.105	Upper wire guide - AWF Ø0.105 - SW6.0 x 11.0 mmT	
	AE6999009	Ø0.155	Upper wire guide - AWF Ø0.155 - SW6.0 x 11.0 mmT	
	AE6999011	Ø0.205	Upper wire guide - AWF Ø0.205 - SW6.0 x 11.0 mmT	
	AE6999004	Ø0.255	Upper wire guide - AWF Ø0.255 - SW6.0 x 11.0 mmT	
	AE6999008	Ø0.305	Upper wire guide - AWF Ø0.305 - SW6.0 x 11.0 mmT	
O101M	AE6999017	Ø0.205	Upper wire guide without AWF Ø0.205 - SW6.0 x 11.0 mmT	
	AE6999013	Ø0.255	Upper wire guide without AWF Ø0.255 - SW6.0 x 11.0 mmT	
	AE6999015	Ø0.305	Upper wire guide without AWF Ø0.305 - SW6.0 x 11.0 mmT	
O102	AE6999005	Ø0.105	Lower wire guide - AWF Ø0.105 - SW6.0 x 11.0 mmT	
	AE6999010	Ø0.155	Lower wire guide - AWF Ø0.155 - SW6.0 x 11.0 mmT	

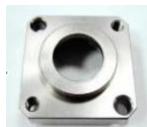
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O102	AE6999012	Ø0.205	Lower wire guide - AWF Ø0.205 - SW6.0 x 11.0 mmT	
	AE6999003	Ø0.255	Lower wire guide - AWF Ø0.255 - SW6.0 x 11.0 mmT	
	AE6999007	Ø0.305	Lower wire guide - AWF Ø0.305 - SW6.0 x 11.0 mmT	
O102M	AE6999018	Ø0.205	Lower wire guide without AWF Ø0.205 - SW6.0 x 11.0 mmT	
	AE6999014	Ø0.255	Lower wire guide without AWF Ø0.255 - SW6.0 x 11.0 mmT	
	AE6999016	Ø0.305	Lower wire guide without AWF Ø0.305 - SW6.0 x 11.0 mmT	
O103	E69200037	Ø0.205 mm	Diamond upper wire guide - AWF Ø0.205 mm	
	E69200039	Ø0.255 mm	Diamond upper wire guide - AWF Ø0.255 mm	
	E69200041	Ø0.305 mm	Diamond upper wire guide - AWF Ø0.305 mm	
O104	E69200038	Ø0.205 mm	Lower wire guide - AWF Ø0.205 mm	
	E69200040	Ø0.255 mm	Lower wire guide - AWF Ø0.255 mm	
	E69200042	Ø0.305 mm	Lower wire guide - AWF Ø0.305 mm	
O201	E8311219	Ø4.0	Water nozzle upper Ø4.0 x 20 mm Prima EA250	
	E8311210	Ø6.0	Water nozzle upper Ø6.0 x 20 mm upper and lower without AWF / lower with AWF	
O202	E8311279	Ø4.0	Water nozzle lower - AWF Ø4.0 x 20 mm Prima EA250	
	E8311225	Ø6.0	Water nozzle lower - AWF Ø6.0 x 20 mm	
O203	E8311371	Ø4.0	Nozzle upper - Ø4.0 mm Prima SA400	
	E8311317	Ø6.0	Nozzle upper - Ø6.0 mm	
	E8311370	Ø7.0	Nozzle upper - Ø7.0 mm	
O204	E8311364	Ø4.0	Water nozzle lower - Ø4.0 mm Prima SA400	
	E8311318	Ø6.0	Water nozzle lower - Ø6.0 mm Prima E250	
	E8311369	Ø7.0	Water nozzle lower - Ø7.0 mm Prima E250	

SEIBU

S022	4435332 4456239		Power feed contact - upper & lower with brass bush / Ø20 x Ø12/Ø1.5 x 28 mmL EW-K.K1 series	
S023	4469013	20x20x7.0mm	Power feed contact - upper & lower EW-A5S.A7S.C5S.M series - AWF	
S023G		20x20x7.0mm	Power feed contact - long life EW-A5S.A7S.C5S.M series - AWF	
S024	4469012 4463719		Power feed contact - upper & lower 15 x 20 x 7.0 mm EW-K2 series - AWF.manual	
S024G			Power feed contact - long life 15 x 20 x 7.0 mm EW-K2 series - AWF.manual	
S111	4451771	Ø0.21 mm	Diamond guide upper & lower EW-F.K.K1.K2 series - AWF.manual	
	4451771	Ø0.26 mm		
	4451771	Ø0.31 mm		
S114	3438115	Ø0.21 mm	UD die Ø0.21 mm upper & lower EW-A5S.A7S.C5S3.C3S.B3S3.M series - AWF	
	3438115	Ø0.26 mm		
	3438115	Ø0.31 mm		
S115	4461551		LD die Ø0.4mm / L=30 mm upper & lower EW-A5S.A7S.C5S3.C3S.B3S3.M series - AWF	
S116	4465060	Ø0.25 mm	LLD sub-dies - lower M series - AWF	
	4465060	Ø0.4 mm		
S223	4204168	Ø16 mm	Water nozzle upper & lower - large taper special Ø37.5 x 23 mmT M serie	
S310	3443067	70x41x24.2mm	Electric brush holder - lower EW-K2.K3 series	

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S313	4465628		Die guide plug SUS - upper & lower Ø25 x 7.5 mmT EW-K2.K3 series	
S314C	4440143		Feed roller ceramic Ø80/Ø42 x 20 mmT EW-K2,K3.A5S.A7S.C5S.M500S.	
S315	4466186		Brake pulley upper Ø160 x 20 mmT EW-F3.K.K1.K2.C5S.B3S3.M series	
S316	5427989 5430168		Pinch roller ceramic with bearing assembly set Ø35/Ø22 x 18 mmT EW-K1(AWF-2B)	
S317	5427844 5430169		Capstain roller ceramic Ø50/Ø10 x 17 mmT EW-K1(AWF-2B)	
S319	4465626		Guide holder - lower 34 x 34 x 13.3 mmT EW-K2 series	
SE211	5427089		Water nozzle Ø3.0/Ø5.0 mm upper & lower 23 x 14 mmT EW-F3 series - AWF	
SE212	5428160		Water nozzle Ø3.0/Ø5.0 mm upper 23 x 15 mmT EW-K.K1.K2 series - AWF/AWF-2B *(Ø3.0/Ø4.0/Ø8.0 mm)	
SE213			Water nozzle Ø3.0/Ø5.0 mm upper & lower 23 x 15 mmT EW-K.K1.K2 series - manual *(Ø3.0/Ø4.0/Ø8.0 mm)	
SE215	5428161		Water nozzle Ø3.0/Ø5.0 mm lower with taper head 23 x 14.5 mmT EW-K.K1.K2 series - AWF-2B.manual *(Ø3.0/Ø4.0/Ø8.0 mm)	
SE217			Water nozzle Ø3.0 mm lower Ø23 x 14 mmT EW-E.F series	
SE218	4465970		Water nozzle upper Ø4.0 mm Ø45 x 25.5 mmT EW-A5S.A7S series - AWF *(Ø4.0/Ø6.5/Ø10 mm)	

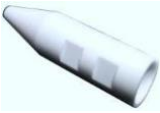
SEIBU

SE219	4465971		Water nozzle lower Ø4.0 mm Ø45.4 x 23.5 mmT EW-A5S.A7S series - AWF *(Ø4.0/Ø6.5/Ø10 mm)	
SE220	4469440		Water nozzle upper Ø3.0/Ø4.0 mm - without groove Ø37.5 x 25 mmT EW-A5S3.C5S series - AWF *(Ø4.0/Ø6.5/Ø10 mm)	
SE220-1	4206906		Water nozzle Ø3.0/4.0 mm upper Ø37.5 x 23 mmT M series only - AWF	
SE221	4204528		Water nozzle Ø4.0 mm - with groove lower with tapered-end Ø37.5 x 23 mmT EW-A5S3.C5S.a7S3.M500S series - AWF	
SE222			Nozzle holder brass material Ø66/Ø14 x 24 mmT (6 pcs-Ø5 mm) - M45/M50	
SE223			Nozzle holder cap Ø66/Ø14 x 24 mmT	
SE224			Nozzle holder Ø14 x M45 x 22 mmT	
SE301			Ceramic upper insulation board for Z-axle 14 mm (Tap center-end) 140 x 80 x 20 mm / hole dst.= 40 mm	
SE301-1			Ceramic upper insulation board for Z-axle 11 mm (Tap center-end) 138 x 80 x 20 mm / hole dst.= 40 mm	
SE302			Ceramic upper insulation board for Z-axle 165 x 88 x 25 mm EW-A7S series	
SE304C			Ceramic plate Ø115 x 33.5 mm M series	
SE318			Warm gear Ø23 x Ø6.0 x 17 mm	

SEIBU

SE319	5430914		AR roller upper SUS+ceramic (*without groove) Ø14/Ø4.0 x 10 mmT M series	
SE600			Electric brush holder - upper for C type 61 x 22 x 26 mm M500S-2004 old series	
SE601			Electric brush holder - lower 57 x 29 x 30 mm EW-A5S series	
SE602			Electric brush holder - upper 63 x 22 x 26 mm (with M4 tap) M series	
SE602A			Electric brush holder - upper 63 x 22 x 26 mm (M4 tap) MMA	
SE603			Electric brush holder - lower 65 x 30 x 36 mm M series - AWF	
SE604				
SE801		70 x 40 x 34	Dies block - upper 70 x 40 x 34 mm EW-F.K.K1 series	
SE801-1			Flushing cover upper & lower for Se801 & Se802 Ø33.5 x 19.5 mm EW-F.K.K1 series	
SE801-2			Nozzle spring for SE801& SE802 Ø18 x 25+ mm EW-F.K.K1 series	
SE802			Electric brush holder - lower 54 x 40 x 34 mm EW-F.K.K1 series	
SE803	4449405		Ceramic pulley - upper Ø33/Ø13 x 17 mmT (roller=8.0 mmT) EW-K2.K3 series	

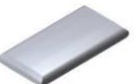
SEIBU

SE804			Ceramic pulley - lower Ø33/Ø13 x 10 mmT EW-F.K series	
SE805			Capstan ceramic roller joint type - lower Ø50 x 20 mm EW-F.K series	
SE806			Pinch ceramic roller joint type - lower Ø50 x 20 mm EW-F.K series	
SE807	4468314		Feed roller with groove & Ø3.5 mm - 6 holes Ø42.8 x Ø22 x Ø12 mmT EW-A5S.A7S.C5S.C5S2 series	
SE808			Feed roller with groove & Ø3.5 mm - 6 holes Ø43.8 x Ø22 x Ø12 mmT M500S.M700S.M5S3 series	
SE809			Guide roller - upper Ø44 x Ø11 x 19mm M series	
SE810			Block	
SE811			SE223 - Block cap 66 X 14 X 24 mm	
SE812	4439286 &4439287		Cutter set with counter cutter	
SE813	DS8021		Guide bush 38 x 24 x 16 mm	
SE814			Ceramic nozzle Ø18/Ø1.1 x 45 mmL EW-300K series	
SE815			Ceramic nozzle - wire out Ø18/Ø3.0 x 65 mmL	

SODICK

S001	3080316		Conductivity piece "B" - upper Ø18 x Ø5.6 x 10 mmT Guide unit 83 type 330W.453W.654W.G3A.G5A	
S002	3080314		Conductivity piece "A" - lower Ø18 x Ø5.6 x 14 mmT / Guide unit 83/84 type EPOC.AW.G series	
S003S	3080318	Ø5.6 mm	Conductivity piece "C" - upper 16 x 16 x 10 mmT (Ø5.6 mm) / silver tungsten Guide unit 84 type EPOC.AW.G series	
S004S	3080324	Ø6.0 mm	Conductivity piece "S" - upper 14 x 11.6 x 11 mmT (Ø6.0 mm) / silver tungsten Guide unit 85-3 type for nozzle 2 AW453.AW330	
S005LS	3080307	Ø6.0 mm	Conductivity piece "D" (UT) 14 x 11.6 x 12.5 x mmT (Ø6.0 mm) / silver tungsten Guide unit 85-2/85-3 type for nozzle 3WS - manual EPOC.G.AW.BF.AP300 series	
S005LT	3080308	Ø6.0 mm	Conductivity piece "D" (UT) 14 x 11.6 x 12.5 x mmT (Ø6.0 mm) / tungsten carbide Guide unit 85-2/85-3 type for nozzle 3WS - manual EPOC.G.AW.BF.AP300 series	
S005RS	3080307	Ø6.0 mm	Conductivity piece "D" (DT) 14 x 11.6 x 12.5 x mmT (Ø6.0 mm) / silver tungsten Guide unit 85-2/85-3 type for nozzle 3WS - manual EPOC.G.AW.BF.AP300 series	
S005RT	3080308	Ø6.0 mm	Conductivity piece "D" (DT) 14 x 11.6 x 12.5 x mmT (Ø6.0 mm) / tungsten carbide Guide unit 85-2/85-3 type for nozzle 3WS - manual EPOC.G.AW.BF.AP300 series	
S006S	3080311	Ø6.0 mm	Conductivity piece "D" (lower) 19 x 11.6 x 12.5 mmT (Ø6.0 mm) / silver tungsten Guide unit 85-2/85-3 type EPOC.G.AW.BF.AP300 series	
S006T	3080312	Ø6.0 mm	Conductivity piece "D" - lower 12.5 x 19 x 11.6 mmT (Ø6.0 mm) / tungsten carbide Guide unit 85-2/85-3 type EPOC.G.AW.BF.AP300 series	
S008S	3080320		Conductivity piece "P" U-shape (upper/lower) Ø12 x Ø3.3 x 20.6 mm / silver tungsten Guide unit KM-3 type PGW150.AP150W.AP150 series	
S008T	3082582		Conductivity piece "P" U-shape (upper/lower) Ø12 x Ø3.3 x 20.6 mm / tungsten carbide Guide unit KM-3 type PGW150.AP150W.AP150 series	

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S009S	3080301		Conductivity piece "P"-AWT U-shape (upper/lower) Ø10 x Ø8.0 x 30 mmT / silver tungsten Guide unit 86-1/86-2 type AW330.453 series / EPOC300..800 series Replaced by 3082579 or 3080642 (S009S)	
S009T	3082580		Conductivity piece "P"-AWT U-shape (upper/lower) Ø10 x Ø8.0 x 30 mmT / tungsten carbide Guide unit 86-1/86-2 type AW330.453 series / EPOC300..800 series	
S010	3085936		Conductivity piece - upper/lower 40 x 20 x 4.9 mmT Guide unit 87-3/90-1/90-3/90-5 type A.EPOC.AP.BF.JL.PGW.EXC.AQ.AG.AD series	
S010G			Conductivity piece - upper/lower 40 x 20 x 5.0 mmT / special long life type Guide unit 87-3/90-1/90-3/90-5 type AQ.A.EPOC.AP.BF.JL.PGW.EXC.AG.AD.AW series	
S010T(L)			Conductivity piece - upper/lower 40 x 20 x 5.0 mmT / Tin-coating Guide unit 87-3/90-1/90-3/90-5 type AQ.A.EPOC.AP.BF.JL.PGW.EXC.AG.AD.AW series	
S011	3085263		Power feed contact upper for FJ type 40 x 10 x 4.9 mmT AQ.AD.AG series	
S100	3082983	Ø0.11 mm	Diamond split guide	
	3081436	Ø0.21 mm		
	3083330	Ø0.26 mm		
	3083331	Ø0.31 mm		
S101	3080047	Ø0.21 mm	Sapphire split guide AWT Guide unit : (U)86-2/90-1.(U&L)90-5/S EPOC.AW.BF.AP.A.AQ.AD.AG series	
	3080058	Ø0.22 mm		
	3080629	Ø0.26 mm		
	3080061	Ø0.27 mm		
	3081934	Ø0.31 mm		
	3080063	Ø0.32 mm		
S102	3080237	Ø0.11 mm	Diamond dies guide upper/lower Guide unit 83/84/85-2/85-3/KM-1/KM-3 type EPOC.G.AW.PGW150.AP150.AP150W series	
	3080238	Ø0.12 mm		

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S102	3080240	Ø0.16 mm	Diamond dies guide upper/lower Guide unit 83/84/85-2/85-3/KM-1/KM-3 type EPOC.G.AW.PGW150.AP150.AP150W series	
	3080241	Ø0.17 mm		
	3080244	Ø0.21 mm		
	3080245	Ø0.22 mm		
	3080248	Ø0.26 mm		
	3080249	Ø0.27 mm		
	3080250	Ø0.31 mm		
	3080251	Ø0.32 mm		
S103	3080998	Ø0.11 mm	Diamond guide - upper/lower Guide unit 87-3/90-3/90-5/FJ type AQ.A.EPOC.AP.BF.JL.PGW.EXC.AG.AD.AW series	
	3081015	Ø0.12 mm		
	3080999	Ø0.16 mm		
	3081016	Ø0.17 mm		
	3081000	Ø0.21 mm		
	3080982	Ø0.22 mm		
	3080990	Ø0.26 mm		
	3081017	Ø0.27 mm		
	3080991	Ø0.31 mm		
	3081018	Ø0.32 mm		
S103L	3081136	Ø0.21 mm	Diamond guide upper/lower long - AWT taper only Guide unit 87-3/90-3/90-5 type AQ.A.EPOC.AP.BF.JL.PGW.EXC.AG.AD.AW series	
	3081137	Ø0.22 mm		
	3081138	Ø0.26 mm		
	3081139	Ø0.31 mm		
	3081718	Ø0.32 mm		
S104	3080210	Ø0.11 mm	Diamond guide upper/lower	

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S104	3080211	Ø0.12 mm	Diamond guide upper/lower Guide unit 97/85/90/kM-1/KM-3/83/84/85-2/85-3/FJ type AQ.A.EPOC.AP.BF.JL.PGW.EXC.AG.AD.AW series	
	3080213	Ø0.16 mm		
	3080219	Ø0.21 mm		
	3080223	Ø0.26 mm		
	3080224	Ø0.27 mm		
	3080225	Ø0.31 mm		
	3080226	Ø0.32 mm		
	3080227	Ø0.35 mm		
	3080229	Ø0.40 mm		
	3080043	Ø0.60 mm		
S105	3080763 3080199		Diamond guide - high long - upper/lower Ø0.21/0.26/0.31 mm Guide unit kM-1/KM-3/83/84/85-2/85-3 type G.EPOC.AW.BF.PGW150.AP150W.AP150 series	
S106	3080065	Ø0.80 mm	Guide "C" - Ceramic W400144B Ø10 x Ø0.80 x 10 mmT for manual Guide unit 87-3/90-3/90-5/FJ type A.EPOC.AP.BF.JL.PGW.EXC.AQ.AG.AD series	
S108	3082269	Ø2.0 mm	Guide "C1" - Ceramic Ø10 x Ø2.0 x 10 mmT for AWF Upper guide unit 86-1~5/87-3/90-1/90-3 type Lower guide unit 87-3/90-1/90-3 type AQ.AG.AD series	
S108S		Ø0.75 mm	Guide "C1" - Ceramic Ø10 x Ø0.75 mm x 10 mmT for AWF Upper guide unit 86-1~5/87-3/90-1/90-3 type Lower guide unit 87-3/90-1/90-3 type AQ.AG.AD series	
S109	118725	Ø0.205 mm	Super jet AWT - option "0" Dies guide upper - single diamond AQ.AD.AG series	
	118759A	Ø0.21 mm		
	118726	Ø0.255 mm		
	118760A	Ø0.26 mm		
	118727	Ø0.31 mm		
S109-1	3110058	Ø0.205 mm	Fixed Jet AWT	

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S109-1	3110546	Ø0.21 mm	Fixed Jet AWT -Dies guide upper - double diamond AQ.AD.AG series	
	3110291	Ø0.255 mm		
	3110547	Ø0.26 mm		
	3110067	Ø0.31 mm		
S200	3081591		Water nozzle "2" Guide unit 85-2 type AW series.	
S201	3081594	Ø5.0 mm	Water nozzle "NE" guide - upper/lower Ø5.0 - Ø12.9 x 12.5 mmT for SUS nozzle a'ssy Guide unit 84 type G.EPOC.AW series	
S202	3082085		Rectification nozzles for 3WS ass'y - upper/lower Ø5.0 - Ø32 x 17 mmT Guide unit 85-2/85-3 type - manual G.EPOC.AW.BF.AP series	
S202A	3080030		Water jacket for 3WS ass'y - upper/lower Guide unit 85-2/85-3 type - manual G.EPOC.AW.BF.AP series	
S202B	3080593		Adjusting nut for 3WS ass'y - upper/lower Guide unit 85-2/85-3 type - manual G.EPOC.AW.BF.AP series	
S202C	3080358	Ø5.0 mm	Water nozzle for 3WS ass'y - upper/lower Ø5.0 mm Guide unit 85-2/85-3 type - manual G.EPOC.AW.BF.AP series	
S202-set	3080639	Ø46 mm	Water guide 3WS - upper/lower Ø46 mm Guide unit 85-2/85-3 type - manual G.EPOC.AW.BF.AP series	
S203	3082056	Ø6.0 mm	Nozzle "P" - upper/lower Ø40 x 18 mmT Guide unit KM-3 type AP150.AP150W.PGW150 series	
		Ø10.0 mm		
S204	3082055	Ø5.0 mm	Water nozzle / upper/lower Ø5.0 - Ø32 x 17.4 mmT Guide unit KM-1 type PGW150.PGW150W series	
S205			Water nozzle - upper/lower Ø10.0 - Ø32 x 17.4 mmT Guide unit KM-1 type PGW150.PGW150W series	

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S206			Water guide - upper/lower with groove Ø5.0 - Ø32 x 17.4 mmT Guide unit KM-1 type PGW150.PGW150W series	
S207	3082997	Ø3.0 mm	Nozzle "G3" - upper - Ø20 x 6.0 mmT Guide unit 86-2/90-1 type - AWT A.EPOC.AP.BF.JL.PGW.EXC.AQ.AG.AD.FJ series	
	3082998	Ø4.0 mm		
	3081604	Ø6.0 mm		
	3081606	Ø10.0 mm		
	3081868	Ø12.0 mm		
S207L	3081682	6.5 mmL	Long nozzle "LN1" - upper Ø6.0 - Ø20 mm Guide unit 86-2/90-1 type - AWT AQ.A.EPOC.AP.BF.JL.PGW.EXC.AG.AD series	
	3081684	11.5 mmL		
	3081689	16.5 mmL		
	3082396	26.5 mmL	Long nozzle "LN7" - upper Ø6.0 - Ø20 mm x (6.0) Guide unit 86-2/90-1 type - AWT	
S209	3082156	Ø2.0 mm	Nozzle "E2" - manual=upper/lower & AWT=lower Ø29.7/Ø22/Ø16 x 16.3 mmT Guide unit 87-3/90-3 with O-ring type AW.BF.PGW.EXC.AP.A.AQ.AD.AG series	
	3082128	Ø3.0 mm		
	3082207	Ø4.0 mm		
	3081674	Ø6.0 mm		
	3081675	Ø10.0 mm		
	3081867	Ø12.0 mm		
S209-1	3086396	Ø6.0 mm	Float nozzle "S" - lower with spring ring type Ø34.9/Ø12.8 x 17 mmT Guide unit 90-3 AP series - Fine option	
	3086646	Ø10.0 mm		
S209AS	3081679		Water nozzle "AS" without O-ring Ø6.0 - Ø29.8 x 16.3 mmT A350W.A500W	
S209L	3085341	Ø4.0 mm	Nozzle "LA20" standard + long special type Ø6.0 - Ø29.7/Ø22/Ø16 x 16.3(L) + 20 mmT	
S209W	Special	Ø4.0 mm	Float nozzle	

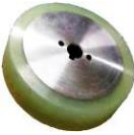
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S209W	3086386	Ø6.0 mm	Float nozzle - upper/lower with spring ring type Ø29.8/Ø12.8 x 17.6 mmT Guide unit 87-3 type for 30° taper EXC.AP.A.AQ.AD.AG series	
	3086443	Ø10.0 mm		
	3086486	Ø12.0 mm		
S210	3082603		Nozzle lower - Lehmann type Ø3.0 mm - Ø29.7 x 16.3 mmT A280L.L series - AWT	
S301	3080178		Isolator plate - upper 3WX-100D-303A 66 x 50 x 16 mmT Guide unit 90-1 type - AWT	
S302	3082518		Replaced by 3080652 (S5001) Guide block upper ceramic plate for AWT 77 x 50 x 20 mmT A.AQ.EPOC.AP BF.JL.EXC.PGW series	
S303A			Ceramic block lower 57.5 x 50 x 20 mmT Guide unit 97 type AQ325.AQ535 series - AWT	
S303B			Ceramic block lower for AQ type 97 57.5 x 50 x 20 mmT Guide unit 97 type AQ327.AQ537 series - AWT	
S304			Isolator plate 77 x 50 x 24 mmT EPOC series	
S400	3050098		Pulley "E" SUS assembly for wire evacuation belt flat type Ø25 x 24/58 mmL AW.AP200.AP450 series (AS-5543)	
S400-1			Pulley "E" SUS only - Ø25 mm (AS-5543) AW.AP200.AP450 series (AS-5543)	
S400C	3050131		Pulley "E" ceramic assembly for wire evacuation belt with 2.0 mm-groove Ø25 x 24/58 mmL EPOC.BF series - AWT	
S400C/F	3050047		Pulley "E" ceramic assembly for wire evacuation belt flat type Ø25 x 24/58 mmL AW series	

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S400L			Pulley "E" Ø25 x 77 mm	
S401			Bearing SS626LLB for pulley Ø19 x Ø6.0 x 6.0 mmT	
S405			Roller only upper for wire belt Ø25 x 24 mmT AP200 series	
S405-set			Roller assembly upper for wire belt AP200 series	
S406	3086387		Nozzle base lower with spring ring for S209W nozzle 38 x 38 x 10.5 mmT - Ø18 mm Guide unit 87-3/90-3 AP.A.AQ series - AWT	
S406-1	3086221		Spring ring lower for float nozzle - S209W Ø29.5/Ø22.8 x 1.60 mmT Guide unit 87-3/90-3 AP.A.AQ series	
S407	3081032		Nozzle base with O-ring for S209(non float nozzle) 45 x 45 x 10.5 mmT - Ø22 mm Guide unit 87-3/90-3 (before Mark 20) lower for AWT / upper & lower for manual A.EPOC.BF.JL/AP200..500 series	
S408	3082804		Nozzle base upper for nozzle "C" S207 50 x 50 x 13.3 mmT - Ø15 mm - M16 (MW300987B) Guide unit 90-1/86-2 type JL.EPOC.AW.BF.PGW.EXC.AP.A.AQ.AD.AG series	
S408L			Nozzle base upper 50 x 50 x 19 mmT - Ø15 mm A350.A500 series	
S409	3082629		Nozzle base lower for nozzle "A" type (S209 O-ring type) Ø60(SQ56) x Ø22 x 10.5 mmT Guide unit 90-3/87-3 S209 O-ring type A320.A530 series	
S409A			Nozzle base upper for nozzle "C" type (S207) Ø60(SQ56) x Ø18 x 10.5 mmT Guide unit 90-3/87-3 A320.A530 series	
S410			Urethane roller upper Ø100 x Ø10 x 20 mmT A500.A350.AP330.AP150 series	

SODICK

S411	3051581		Replaced by 3050332 Urethane roller upper Ø100 x Ø12 x 22 mmT A500.500W.A350W series	
S412	3051572		Urethane roller upper with fixing-holes Ø100 x Ø10 x 22/32 mmT BF.A.AP.A530D series	
S412A			Urethane roller	
S413			Urethane roller upper with fixing-holes Ø100 x Ø7.0 x 22/32 mmT BF275 old series	
S414A	3052147		Feed roller "B" Ø70 x Ø12 x 20mmT / SUS type A series	
S414A-C	3052147		Feed roller "B" Ø70 x Ø12 x 20 mmT / ceramic type A series (A500W old type)	
S415-1			Shaft Ø32 x Ø12 x 35 mmL	
S415-2			Wire guide block 40 x 30 x 51 mm A530 "Q" series	
S415A			Feed roller "C" Ø70 x Ø22 x 20mmT / SUS A series	
S415A-1			Shaft Ø32 x Ø8.0 x 36.5 mmL	
S415A-C	3052772		Feed roller "C" Ø70 x Ø22 x 20 mmT / ceramic A series (A500W old type)	
S415C	3052992		Feed roller "C" Ø70 x Ø24 x 20 mmT / ceramic A500W.A320D.A530D.AQ500L series	

SODICK

S416	3053703		Tension urethane roller upper Ø100 x Ø12 x 20 mmT - 2 x M5 AW535L.AP200(L).AP330.AQ530D.AQ325(L) series	
S417	3054678		Tension urethane roller upper Ø100 x Ø19 x 20 mmT - 2 x M5 AP200L.AP537L.AQ535L.AQ550L.AQ750L.AG400L.AG600L	
S417A			Tension urethane roller upper Ø100 x Ø8.0 x 20 mmT - 2 x M5 AQ325L.AP200 series	
S418	3051534		Urethan roller for light weight type Ø100 x Ø10 x 22 mmT A320.A530 series	
S420	3052771		Dies driver Ø22 mm AAQ.EOPC.AP.BF series	
S421			Urethane roller Ø40 x Ø19 x 12 mmT AQ type	
S500	3080035 3080689		Cutter upper for AWT / tungsten cabide meterial Ø11 x Ø4.0 x 2.0 mmT	
S500-1		Ø10.5 mm	Spring for AWT cutter S500 Ø10.5 mm	
S5003	3080653		Guide shaft for AWT	
S5004	3083108		Slide shaft for AWT	
S5005	3082521		Slide block upper with AWT (not included connect bar) 39 x 25 x 12 mmT / center hole	
S5008	3080978		Insulation block lower ceramic BF275/EPOC500....800 series	

SODICK

S5012	3082519		Die block body only upper for new type AWT	
S5012-1			Die cover for upper die block S5012 for AWT Ø35 x 3.0 mmT	
S5012-set	3082519		Die block upper assembly with flange. nozzle. guide"C"	
S5013	3081247		Conductivity block "F" (S5013-1) / upper assembly with flange. A.EPOC.BF275 series	
S5013-2	3050952		Guide bolt M6 x Ø12 x 75.5 mmL	
S5014	3082120		Die block upper only A300.A320.A530 series - manual type	
S5017	3082520		Flange upper for AWT A series	
S5018	3082119		Lower holder for sub-guide "C1" Ø42 x Ø10x 35 mmT A320.EX series - manual	
S5021	3053114		Lower holder for sub-guide "C1" Ø45 x Ø11x 35 mmT with O-ring Ø12 x 1.5 mmT A320.EX series - AWT	
S5022	3083114		Flange lower for manual A series	
S5023	3081035		Electric pin A.EPOC series	
S5025	3051072		Jet nozzle set Brass material L=67.2 mm / Ø2.0- Ø6.0 with taper Ø3.0- Ø5.9- Ø25-SQ17- Ø10 with 2-rubber rings A350.A500 series	

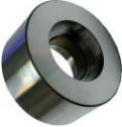
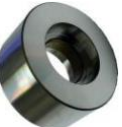
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S5026	3081247		Aspirator block large A530.A320D series - AWT	
S5027			Aspirator block small A280.A300.A320 series - manual	
S5028			Aspirator nozzle "A" Plastic material Ø1.0 - Ø16 x 25 mmL A/EPOC series	
S5029	3053081		Aspirator nozzle "B" Plastic material Ø2.0 - Ø16 x 40 mmL A/EPOC series	
S5030	3053082		Aspirator nozzle "C" Plastic material Ø1.5 - Ø12 x 26.5 mmL A/EPOC series	
S5031	3051202		Pulley "B" (S5032) assembly set with bearing SS688ZZ (Ø15 mm) A series	
S5032	3051799		Pulley "B" ceramic for lower block Ø68 mm A series	
S5034	3051262		Block for ceramic pulley "B" 72 x 58/30 x 25 mmT A500.A500H series	
S5034A			Block for ceramic pulley "B" 72 x 58/30 x 25 mmT ACE series (Doosan)	
S5035	3051255		Pipe holder for pulley "B" 55 x 28/10 x 25 mmT A500.A500H series	
S5035A			Pipe holder for pulley "B" ACE series (Doosan)	
S5036			Ceramic nozzle	

SODICK

S5037			Ceramic block	
S5040	3050812		Ceramic pulley "E" assembly Ø32 x 19 x 24 mm BF275 (AS5614) series	
S5041	3051355		Ceramic pulley "E" assembly with groove - 5.0 mm Ø40 x Ø19 x 24 mm EPOC1100 (AS5629A) series	
S5044AP	3052167		Ceramic pulley "E" assembly with groove - 2.0 mm Ø40 x Ø19 x 24 mm AP series	
S5045	3050152		Pulley "E" without grooves - without shaft Ø40 x 24 mm	
S5048	3052149		Feed roller "B" Ø50 x 24 mmT BF275 series	
S5048-1			Roller shaft for feed roller "B" Ø15 x 173 mmL BF275 series	
S5048-2			Roller shaft for feed roller "B" Ø15 x 163 mmL BF275 series	
S5050	3050193		Roller "C" Ø50 x 40 mmT EPOC600/800 series	
S5050-1	3050345		Shaft "D" Ø20 x 158 mmL EPOC600/800 series	
S5050-2	3050351		Shaft "C" Ø18 x 184 mmL EPOC600/800 series	
S5050-3	3050347		Shaft "B" Ø18 x 180 mmL EPOC600/800 series	

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S5050-4	3050349		Shaft "A" Ø18 x 144 mmL EPOC600/800 series	
S5053	3050193		Roller "C" only Ø50 x Ø28 x 24 mm need bearing SS6001LLU (F502) A300.A320.A530 series	
S5053-1			Wire guide block 52 x 44 x 30 mm A320D series	
S5053A			Roller "C" only Ø50 x Ø32 x 24 mm need bearings -SS6002LLU A300.A320.A530 series	
S5057			Acryl-Pipe A300.A320 series	
S5058			Acryl-Pipe A500 series	
S5063	3051557		Pipe connector Ø 16 x Ø 10 x 50 mmL	
S5064			Pipe connector Ø 16 x Ø 10 x 27 mmL	
S5066	3001001		Bellows "Z" upper 440 x 30 mm A500 series	
S5073	3080625		Bellows "B" 150 x 30 mm EPOC600 series	
S5075	3030105		Bellows "Y" 120 x 40 mm EPOC800 series	
S5077	3021390		Bellows "X" 150 x 25 mm EPOC1100 series	

SODICK

S5079	3081463		Bellows "Y" 122 x 25 mm BF275 series	
S5082			Casing unit for standard type A350.A500.A530.EPOC series	
S5082-1			Casing unit Hose for S5082 (1meter)	
S5083			Casing unit for PIKA-4 / BS type base size : 85 x 75 mm BF275.A320 series	
S5083-1			Casing unit Hose for S5083 (1meter)	
S5086			Alinement block for manual type <5-micrometer A.EPOC.AP.AQ series	
S5089	3081039		Guaging ring Ø30 mm A.EPOC.AP.AQ series	
S5090	3050314		Bobbin shaft BF275.EPOC series	
S5091	3050646		Roller plate for gear type A350.A500 series	
S5091-1	3051345		Clamp shaft for S5091& S5092 A350.A500 series	
S5092			Roller plate belt type A350.A500 series	
S5093			Roller plate for belt type A320.A530 series	

SODICK

S5094			Suction block A series	
S5094-1			Guide Holder A series	
S600	3080375	Ø2.0-1.0	AWT pipe upper Ø2.0-1.0 x 283 mmL Guide unit 85-AWT type JL.G.EPOC.AW.BF.PGW.AP.A.AQ series	
S600-1	3080374	Ø2.0-0.7	AWT pipe upper Ø2.0-0.7 x 283 mmL Guide unit 85-AWT type JL.G.EPOC.AW.BF.PGW.AP.A.AQ series	
S600-2	3083256	Ø2.0-0.5	AWT pipe upper Ø2.0-0.5 x 283 mmL Guide unit 85-AWT type JL.G.EPOC.AW.BF.PGW.AP.A.AQ series	
S601	3083123		AWT pipe upper Ø2.0-1.0-0.3 x 283 mmL Guide unit 85-AWT type JL.G.EPOC.AW.BF.PGW.AP.A.AQ series	
S602	3082452		AWT pipe upper Ø2.0-1.0 x 152 mmL Guide unit 90-AWT type BF275.A320D.A300W series	
S603	3085966		AWT pipe upper Ø2.0-1.0 x 273 mmL Guide unit 97-AWT type AQ series	
S603-1	3085967		AWT pipe upper Ø2.0-0.7 x 273 mmL Guide unit 97-AWT type AQ series	
S604	436937C		MT500758C - AWT pipe upper Ø2.0-1.4 x 285 mmL super jet AWT (anneal) AP.HBW.AQ.AD.AG series	
S604-1	436849C		MT500758C - AWT pipe upper Ø2.0-1.0 x 285 mmL super jet AWT (anneal) AP.HBW.AQ.AD.AG series	
S604-2	436850C		MT500758C - AWT pipe upper Ø2.0-0.7 x 285 mmL super jet AWT (anneal) AP.HBW.AQ.AD.AG series	

SODICK

S604-3	436851C		MT500758C - AWT pipe upper Ø2.0-0.5 x 285 mmL super jet AWT (anneal) AP.HBW.AQ.AD.AG series	
S700	3080711		Slide belt upper L=335 mm Guide unit 85-AWT type A350 series	
S701	3082451		Slide belt upper L=195 mm Guide unit 90-AWT type BF275.A320D.A300W series	
S702	3081706		Slide belt upper L=380 mm Guide unit 85-AWT type A750.A500 series	
S800	4130966		Discharge cable 80 mmL	
S801	4130799		Discharge cable (8SQ) 900 mmL	
S802	4130894		Discharge cable 1100 mmL	
S803	4133356		Discharge cable - single (8SQ) for AQ series 1200 mmL	
S803-1			Discharge cable - double 1200 mmL	
S804	4130848		Discharge cable for AQ series 1500 mmL	
S805	4130695		Power cable SQ8.0 x 360 mmL 330W series	
S806	4130485		Power cable SQ8.0 x 610 mmL 330W series	

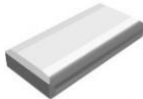
SODICK

S807	4130620		Power cable SQ8.0 x 920 mmL 330W series	
S808			Power cable SQ3.5 x 250 mmL	
S809	4131231		Discharge cable 600 mmL	
S810			Discharge cable 800 mmL	
S811	4130485		Discharge cable 360 mmL	
S812			Jumper cable 610 mmL	
S813			Power cable 920 mmL	
S820			Plate cable 950 mmL	
S821			Plate cable 850 mmL	
S822			Plate cable 750 mmL	
S823			Plate cable 650 mmL	
S824			Plate cable 600 mmL	

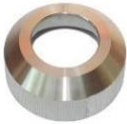
SODICK

S825			Plate cable 550 mmL	
S826			Plate cable 400 mmL	

SPM

SPM-103	EIC-09009	Diamond guide upper & lower (M103 or M117) Ø0.105 ... Ø0.305 mm SP-320A series	
SPM-006	ETC-09031	Power feed contact - upper & Lower 4.0 x 12 x 23 mm Lower block type : G01-L020 Upper block type : G01-U800	
SPM-217	EZ02-U810	Nozzle holder upper	
SPM-215-2	EZ02-U830	Water nozzle upper Ø4.5/Ø6.0/Ø8.0 mm Ø67(L+3.0) mm SP-430P/640P/740P series Upper block type : G01-U800	
SPM431-1	EZ50FS-L940	Aspirator sensor for lower block P85S-L010 for water tank type	
SPM-466	G01-A030	Main tension roller	
SPM-455	G01-A039	Ø50 x Ø20 /19 mm	
SPM-456	G01-A040	Ø50 x Ø20 /19 mm	
SPM-484	G01-A112	Guide holder	
	G01-L020	Lower die block for water flushing type	
SPM-452-1	G01-L020A	Lower block 80 x 78 x 45 mm	
SPM-453	G01-L910B	Nozzle support - SUS material (ETC-09031:F006-1) Lower guide block type : G01-L020(A), P85S-L010 PS: assembly lower fix-dies P74-L910(A/B)	

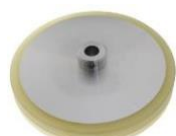
SPM

SPM-454	G01-L920A	Guide holder lower for (ETC-09031:F006-1)	
SPM-462	HPW154	Die frame SP series	
	M0452-0125	Bearing - F608DD SUS for lower roller(P85-L031) water tank type Lower block type : P85S-L010	
SPM-304	N30-L201A	Ceramic plate lower Ø110 x 20 mmT (inner-SQ32.5 x 40 mm) SP-430P/640P/740P, SP-1060 series lower block : G01-L020 type	
SPM-303	N30-U600B	Ceramic plate upper 22 x 46 x 74 mm for upper guide block (G01-U800) SP-430P/640P/740P, SP-1060 series	
SPM-421	N30-U610B	Upper die block Brass or SUS 58 x 51 x 51 mm	
SPM-422	N30-U610C	Upper die block Brass or SUS 58 x 40 x 51 mm SP-430P/640P/740P series	
SPM-474	P74-G310A	Roller for wire feeding	
SPM-431	P74-L020A	Aspirator lower Ø6.0 mm	
SPM-440	P74-L900	Lower die block	
SPM-442	P74-L910A	Lower guide holder for S010 / SUS Ø58 x Ø7.0 x 42.44 mmT Lower guide block type : G01-L020(A), P85S-L010	
SPM-443	P74-L920	Nozzle stopper for SP212 (P74-L960) SP-430P/640P/740P series Lower block type : G01-L020(A), P85S-L010	

SPM

SPM-444	P74-L930	Lower ring for SP442 & SP443 Ø29.4 x 2.0 mmT Lower block type : G01-L020(A), P85S-L010	
SPM432	P74-L940	Aspirator lower Ø3.5 mm	
SPM432-1	P74-L945A	Aspirator sensor lower block G01-L020A for flushing type	
SPM-133	P74-L950	Diamond guide lower Ø4.0 mm Ø0.105 ... Ø0.305 mm SP-430S/430P/640P/850P series Lower block type : G01-L020	
SPM-212	P74-L960	Water nozzle for lower Ø4.0/Ø6.0/Ø8.0 mm SP-430P/640P/740P series Lower block type : G01-L020(A), P85S-L010	
SPM-109	P74-L980	Lower sub-wire guide dies for G01-L910A(B) assembly with aspirator (P74-L945) Ø35 x 6.7 mmT Lower guide block type : G01-L020(A), P85S-L010	
SPM-129	P74-U820	Jet nozzle SUS inserted ceramic Ø0.50 / Ø0.75 / Ø1.00 / Ø1.50 mm Upper block type : G01-U800	
SPM-129C	P74-U820	Jet nozzle ceramic Ø0.50 / Ø0.75 / Ø1.00 / Ø1.50 mm Upper block type : G01-U800	
SPM-215/4	P74-U830	Water nozzle upper Ø4.5/Ø67 x 22 mmT SP-430P/640P/740P series Upper block type : G01-U800	
SPM-108	P74-U840	Set screw - upper & lower Ø0.40 mm Upper block type : G01-U800	
SPM-135	P74-U850	Wire guide A - upper-up Ø0.40 mm Upper block type : G01-U800	
SPM-132	P74-U860	Diamond guide upper Ø0.105 ... Ø0.305 mm SP-430S/430P/640P/850P series Upper block type : G01-U800	

SPM

SPM-452	P85S-L010A	Lower block for water tank type 90 x 83 x 45 mm	
SPM-403	P85S-L032	Lower shaft for lower roller P85-L031 water tank type Ø18 x 29.6 mmL SP series : Lower blockP85S-L010	
SPM-467	S10-G170A	Main tension roller	
SPM-461	S10-H070A	Lower pinch roller Ø57 x 18 mmT SP series	
SPM-460	S10-H080A	Lower capstan roller Ø57 x 18 mmT SP series	
SPM-400	S10-L010A	Lower guide block	
SPM-404	S10-L031	Lower roller - gear type Ø39 x Ø18.7 mm SP series	
SPM-404-1	S10-L032	Shaft for lower roller P74-L031 G01-L020 lower block type	
SPM403-1	S10-L032A	Shaft for lower roller P74-L031 water flushing type SP series : G01-L020A lower block type	
SPM-407	S10-L048	Urethan lower pinch roller Ø30 x Ø16 x 8.0 mmT	
SPM-411	S10-L050A	Roller cover Lower guide block type : G01-L020(A)	
SPM-412	S10-L061A	Dies holder for lower Ø58 x Ø14.3 x 37.5 mmT	

SPM

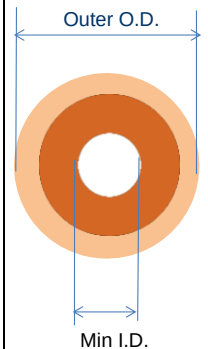
SPM-413A	S10-L062A	Nozzle stopper for upper & lower Ø64.7 x Ø24.7 mm (2.1 mm tapered width)	
SPM-111	S10-L064A	Die holder for PFC SP-430P/640P/740P series	
SPM-113	S10-L0658	Set screw lower Ø0.40 x 12.5 mmT SP-430P/640P/740P series	
SPM-414	S10-LINK	Link 42 x 8.0 mmT 2 - Ø8.0 mm	
SPM-468	S10-U071B	Upper guide roller	
SPM-202	S10-U080	Water nozzle upper Ø4.0 mm / Ø8.0 mm SP series	
SPM-001		Power feed contact - upper & Lower Ø7.0 x Ø0.7 x 22 mmT SP-430P/640P/740P series	
SPM-010		Power feed contact - upper & Lower 4.8 x 12 x 23 mm	
SPM-110		Sub dies for SP454	
SPM-111-1		O-ring P12.5 for M111 Ø20 mm SP-430P/640P/740P series	
SPM-117		Diamond guide upper & lower (M103 or M117) Ø0.105 Ø0.305 mm SP-320A series	
SPM-207		Water nozzle lower Ø4.0/Ø6.0/Ø8.0 mm SP series	

SPM

SPM-2102		Water nozzle lower ceramic material Ø4.0 mm / Ø6.0 mm SP-430P/640P/740P series	
SPM-2103		Water nozzle lower ceramic material for SP-133 Ø4.0 mm / Ø6.0 mm	
SPM-301		Ceramic plate upper 20 x 58 x 119 mm (in Ø36 mm)	
SPM-302		Ceramic plate lower 15 x 79 x 75 mm	
SPM-302-1		Ceramic plate lower 15 x 87 x 75 mm	
SPM-305		Ceramic plate 100 x 80 x 15 mm	
SPM-306		Ceramic plate 146 x 117 x 15 mm	
SPM-408		Lower roller ceramic Ø32 x Ø19 x 10 mmT SP series	
SPM-409		Roller Ø40 x Ø21 x 12 mmT	
SPM-423		Cap screw upper Ø20 x 15 mmT	
SPM-463		Cutter ceramic or tungsten carbide SP series	

TWO WALL COPPER TUBE ELECTRODES FOR SMALL I.D.

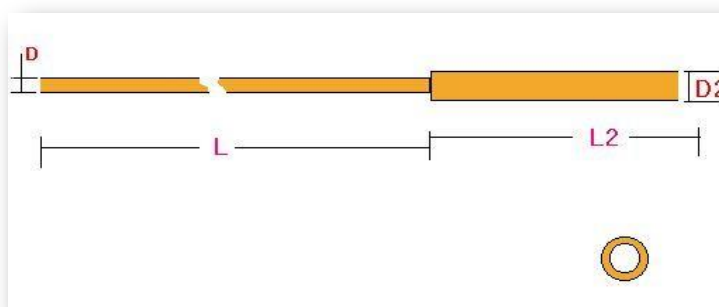
Parts Nr.	Outer O.D. (mm)	Minimum I.D. (mm)	300 mL	400 mL
200020	2.00	0.20		
210020	2.10			
220020	2.20			
230020	2.30			
240020	2.40			
250020	2.50			
260025	2.60	0.25		
270025	2.70			
280025	2.80			
290025	2.90			
300025	3.00			
310025	3.10			
320030	3.20	0.30		
330030	3.30			
340030	3.40			
350030	3.50			
360030	3.60			
370030	3.70			
380030	3.80			
390030	3.90			
400040	4.00	0.40	Available	Available
410040	4.10			
420040	4.20			
430040	4.30			
440040	4.40			
450040	4.50			
460050	4.60	0.50		
470050	4.70			
480050	4.80			
490050	4.90			
500060	5.00			
510060	5.10		0.60	
520060	5.20			
530070	5.30	0.70		
540070	5.40			
550080	5.50	0.80		
560080	5.60			
570090	5.70	0.90		
580090	5.80			
590100	5.90	1.00		
600100	6.00			



Tolerance O.D. : +0 / -0.04 mm
Tolerance I.D. : +0.05 / -0.05 mm

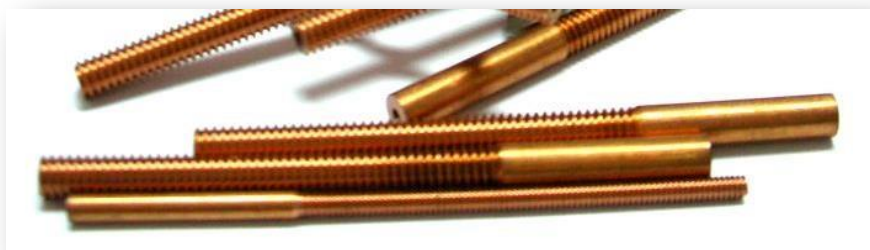
TWO STEP TUBE ELECTRODES FOR SMALL O.D.

D (mm)
0.10
0.13
0.15
0.17
0.20
0.23
0.25
0.27
0.30
0.40



L=180 mm
L2=60 mm
D2=Dia1.0 mm

TAPPING ELECTRODES FOR EDM



Parts Code	Thread	Thread Length (mm)	Tatal Length (mm)	Flushing Hole
CUT-003	M3	50	80	O
CUT-004	M4	50	80	
CUT-005	M5	50	80	
CUT-006	M6	50	80	
CUT-008	M8	50	80	
CUT-010	M10	50	80	
CUT-012	M12	50	80	
CUT-014	M14	50	80	
CUT-016	M16	50	80	
CUT-018	M18	50	80	

Parts Code	Thread	Thread Length (mm)	Tatal Length (mm)	Flushing Hole
CUW-003	M3	50	80	X
CUW-004	M4	50	80	
CUW-005	M5	50	80	
CUW-006	M6	50	80	
CUW-008	M8	50	80	
CUW-010	M10	50	80	
CUW-012	M12	50	80	
CUW-014	M14	50	80	
CUW-016	M16	50	80	
CUW-018	M18	50	80	

ELECTRODES FOR EDM

Copper		Rod type			
O.D/Length	150	200	300	400	500
0.3	O	O	O	O	O
0.4	O	O	O	O	O
0.5 ~ 1.0	O	O	O	O	O
1.1 ~ 3.0	O	O	O	O	O
3.5	O	O	O	O	O
4.0	O	O	O	O	O
4.5	O	O	O	O	O
5.0	O	O	O	O	O
5.5	O	O	O	O	O
6.0	O	O	O	O	O

		Brass			Rod type
O.D/Length	150	200	300	400	500
0.3	O	O	O	O	O
0.4	O	O	O	O	O
0.5 ~ 1.0	O	O	O	O	O
1.1 ~ 3.0	O	O	O	O	O
3.5	O	O	O	O	O
4.0	O	O	O	O	O
4.5	O	O	O	O	O
5.0	O	O	O	O	O
5.5	O	O	O	O	O
6.0	O	O	O	O	O

Copper tungsten 30/70		Rod type		
O.D/Length	50	100	150	200
1.0	O	O	O	O
2.0	O	O	O	O
3.0	O	O	O	O
4.0	O	O	O	O
5.0	O	O	O	O
6.0	O	O	O	O
7.0	O	O	O	O
8.0	O	O	O	O
9.0	O	O	O	O
10.0	O	O	O	O
11.0	O	O	O	O
12.0	O	O	O	O
13.0	O	O	O	O
14.0	O	O	O	O
15.0	O	O	O	O
16.0	O	O	O	O
17.0	O	O	O	O
18.0	O	O	O	O
19.0	O	O	O	O
20.0	O	O	O	O
25.0	O	O	O	O
30.0	O	O	O	O
35.0	O	O		
40.0	O	O		
45.0	O	O		
50.0	O	O		
55.0	O			
60.0	O			
65.0	O			
70.0	O			
75.0	O			
80.0	O			
85.0	O			
90.0	O			
95.0	O			
100.0	O			



	Silver Tungsten 30/70			Rod type
O.D/Length	50	100	150	200
1.0	O	O	O	O
2.0	O	O	O	O
3.0	O	O	O	O
4.0	O	O	O	O
5.0	O	O	O	O
6.0	O	O	O	O
7.0	O	O	O	O
8.0	O	O	O	O
9.0	O	O	O	O
10.0	O	O	O	O
11.0	O	O	O	O
12.0	O	O	O	O
13.0	O	O	O	O
14.0	O	O	O	O
15.0	O	O	O	O
16.0	O	O	O	O
17.0	O	O	O	O
18.0	O	O	O	O
19.0	O	O	O	O
20.0	O	O	O	O
25.0	O	O	O	O
30.0	O	O	O	O
35.0	O	O		
40.0	O	O		
45.0	O	O		
50.0	O	O		
55.0	O			
60.0	O			
65.0	O			
70.0	O			
75.0	O			
80.0	O			
85.0	O			
90.0	O			
95.0	O			
100.0	O			

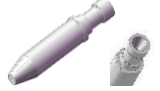
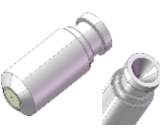
Copper tungsten 30/70		Squar type			
T \ L(mm)	50 x 50	50 x 100	50 x 150	100 x 100	100 x 200
5	O	O	O	O	O
10	O	O	O	O	O
15	O	O	O	O	O
20	O	O	O	O	O
25	O	O	O	O	O
30	O	O	O	O	O
35	O	O	O	O	O
40	O	O	O	O	O

		Silver Tungsten 30/70			Squar type
T \ L(mm)	50 x 50	50 x 100	50 x 150	100 x 100	100 x 200
5	O	O	O	O	O
10	O	O	O	O	O
15	O	O	O	O	O
20	O	O	O	O	O
25	O	O	O	O	O
30	O	O	O	O	O
35	O	O	O	O	O
40	O	O	O	O	O

WEAR & SPARE PARTS FOR SMALL HOLE DRILLING EDM

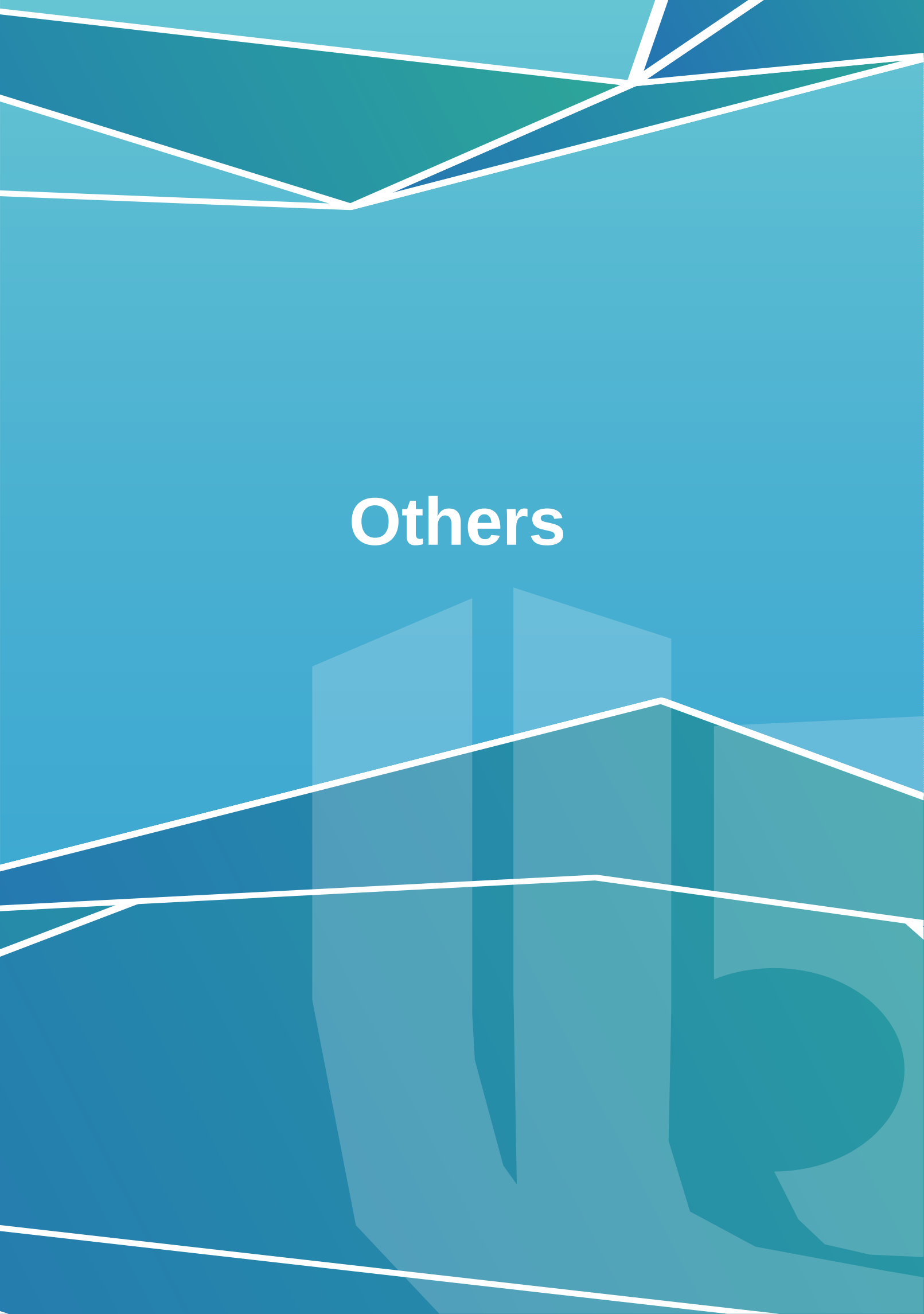
Code	Description	Application	Picture
SU-001 / M	Keyless chuck set with male type holder JT0 Ø0.0 - Ø3.0 mm	EDMAS. KTC etc	
SU-001 / F	Keyless chuck set with female type holder JT0 Ø0.0 - Ø3.0 mm	ADR. Chmer. Jinyoung JS-3C	
SU-002 / M	Chuck holder Yukiwa chuck with male type - attachment Ø0.3 - Ø4.0 mm	EDMAS. KTC etc	
SU-002 / F	Chuck holder Yukiwa with female type - attachment Ø0.3 - Ø4.0 mm	ADR. Chmer. Jinyoung JS-3C	
	Attachment shank only - male type	Entertech	
SU-E80	Attachment shank only - male type	EDMAS / KTC etc	
	Attachment shank only - male type	NSD	
	Attachment shank only - male type large with step	Entertech	
	Attachment shank only - male type	Entertech	
SU-E70	Attachment shank only - female type	CHMER. Jinyoung JS-3C	
SU-E50	Chuck only - Yukiwa or similler type Ø0.4 - Ø4.0 mm		
SU-E60	Keyless chuck only Ø0.0 - Ø 3.0 mm		

WEAR & SPARE PARTS FOR SMALL HOLE DRILLING EDM

Code	Description	Application	Picture
SU-005	Seal packing rubber - Ø8.0 mm 10 pcs /set - black or white color Ø0.0 - Ø3.0 mm	Standard	
SU-005N	Seal packing rubber big - Ø10 mm 10 pcs /set - black or white color Ø0.0 - Ø3.0 mm	NSD	
SU-006-NC	Easy guide ceramic collet for quick change & long life Ø0.10 - Ø3.00 mm		
SU-006-A	Ceramic guide special grade type A (1 pc zirconia long ceramic - 13 mmL) Ø6.0 mm x shank Ø5.0~6.0 mm Ø0.1 - Ø1.0 mm		
SU-006-B	Ceramic guide special grade type B (1 pc zirconia long ceramic - 13 mmL) Ø8.0 mm x shank Ø5.0~6.0 mm Ø0.2 - Ø3.5 mm	Round bar type	
SU-006-C	Ceramic guide large special type C (1 pc zirconia ceramic - 13 mmL) Ø13 mm x shank Ø9.0+ mm Ø3.6 - Ø8.0 mm	Round bar large type	
SU-006-B2	Ceramic guide type B (2 pcs - alumina ceramic inserted) Ø8.0 mm x shank Ø6.0 mm Ø0.2 - Ø3.0 mm	Round bar type	
SU-006-C2	Ceramic guide large special type C (2 pcs - alumina ceramic inserted) Ø3.6 - Ø8.0 mm	Round bar large type	
SU-007	Filter SUS-mesh for graphite fluid 3-micro	EDMAS.INDEX.KTC series	
SU-008	Spindle Shank Ø17 x Ø13 - Ø7.0 mm Power feed contact-copper Ø25 x 79 mmL	EDMAS.INDEX.KTC series	
SU-009	Brush holder 15 x 36 x 40 mm	EDMAS.INDEX.KTC series	
SU-010	Worm gear set	EDMAS.INDEX.KTC series	

WEAR & SPARE PARTS FOR SMALL HOLE DRILLING EDM

Code	Description	Application	Picture
SU-011-C7	Upper connect joint	EDMAS.INDEX.KTC series	
TS-001	TS dies guide Ø13 - Ø10 x 23 mmT Ø0.3 - Ø3.0 mm	Sodick K1C	
TS-002	Collet for TS guide Ø0.4 - Ø3.1 mm	Sodick K1C	
TS-003	Spacer(Pipe guide) For TS guide Ø0.4 - Ø3.1 mm	Sodick K1C	
TS-004	Rubber set for TS guide Ø1.0 - Ø3.2 mm	Sodick K1C	
TS guide set	TS guide complete set Dies guide, collet, spacer ... each 1pc Rubber seal ... 10 pcs Ø0.3 - Ø3.0 mm	Sodick K1C	
ACT-001	Dies guide Ø16 - Ø12 x 32 mmT Ø0.3 - Ø3.0 mm	SD1	
ACT-002	Collet for guide Ø0.4 - Ø3.1 mm	SD1	
ACT-003	Spacer (pipe guide) Ø8.0 x 10 mmT Ø0.4 - Ø3.1 mm	SD1	
ACT-004	Rubber set for guide Ø1.0 - Ø3.2 mm	SD1	

The background is a solid light blue color. It features several abstract geometric shapes in various shades of blue and teal. At the top, there are sharp, angular shapes pointing downwards. In the lower half, there are larger, more complex shapes that resemble stylized buildings or architectural elements, with some shapes having a 3D effect. The overall style is modern and minimalist.

Others

ION EXCHANGE RESIN **EDION**

EDION® was developed especially for Wire-cut EDM by Backje Co., Ltd.

This resin has well-balanced ratio of anions and cation,
providing long life and good cutting performance.



Specifiction

Specially developed for Wire-cut EDM
Easy of application
Long life
Non-toxic
Available from stock
Constant quality
Available from stock

Unit of packing

25 liter sack
5 liter vinyl bag
50 liter bottle

Information on ingredients

Chemical name	Polystyrene Sulphonate
Type	Strongly Acidic Cation & Basic Anion Exchange resin Gel type
Ionic form	Hydrogen for Cation & Hydroxide for Anion
Moisture content	30~70% of total weight
CAS No	069011-22-9 for Cation & 069011-19-4 for Anion

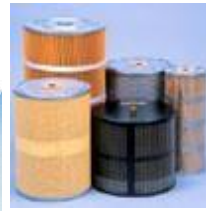
Physical and chemical properties

Appearance	Light brown translucent beads
Odor	None
Shipping density	About 700g/L
Specific gravity	1.11~1.29
Solubility in water	Virtually insoluble
Auto-ignition temperatur	About 450°C

FOR RESIN SERVICE PARTS

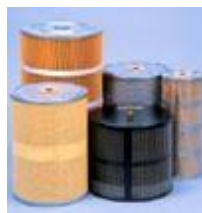
Z050	De-ion resin "EDION" for WireCut EDM bag 5L. 25L. / bottle 50L / Alumium special bag 5L.	
Z50-A	De-ion resin "EDION" for WireCut EDM special alumium bag for block out light 5L.	
Z051	Resinsys De-ion resin tank SUS 20L	
Z051-1	Coupling female standard type for resinsys tank Ø32.0- mm	
Z051-2	Coupling male for resinsys tank Ø32.0- x 38 mmL	
Z051-3	Coupling female large type for resinsys tank Ø41.0- mm	
Z051-4	Net filter SUS for coupling Ø24-0.5 mm	

OIL FILTERS FOR DIE-SINKING EDM



Ref. No.	Size (mm)	Filtering type	Application	Refer
E	150 x 33 x 450		Creator-CNC type . Chmer	8
E	150 x 35/22 x 380		Deahan precision M/C - small type	6
E	150 x 35/22 x 520		Deahan precision M/C - large type	6
E	150 x 37/20 x 543		Sewon EDM	6
E	150 x 45 x 400		Dearyuk	8
E	260 x 21/50 x 400		Deahan EDM for supplying water	2
E	260 x 29 x 340		Mit-N	8
E	280 x 48/48 x 280		Sanbon NC	2
E	300 x 59 x 330		Mit-NC	4
E			Hi-tecSuper	
E-04	150 x 33 x 450	External	Charmilles	
E-05			Agie. Chamilles	
E-08	260 x 36x 280	External	Sodick. Japax	
E-09M	260 x 46 x 280		Makino	6
E-09S	260 x 36 x 280		Sodick	
E-10	260 x 36 x 340	External	Hitachi	
E-12	150 x 75 x 450	External	Sodick. Seibu. Japax. Makino	6
E-16	260 x 29 x 340	External	Mitsubishi-DK. DM. DX. DP-431	
E-18	150 x 35 x 355	Internal	Mitsubishi-20/ 25/ 25C2/ 25C3/ 25C5/ 25C6 . Hitachi	
E-24	260 x 29 x 340	Internal	Mitsubishi-M. J. V series. DP-431	
E-28	150 x 33 x 340	External	Agie. Charmilles. Chmer. Creator	8
E-36	300 x 60 x 500	IN / EX	Mit-CNC / K. KS. S. W series	2
E-42	300 x 46(60) x 340		Mit EX/SX/EA	
E-60	180 x 45 x 450		Jinyoung. Wookyeng	6
E-61	128 x 38/20 x 545		Dongyang. Ewha. Sewon. Youngjin. Small type	8
E-62	180 x 50 x 380		Dookwang	6
E-63	180 x 45 x 395		Jengkwang	6
E-64	150 x 45 x 530		Kukje	8
E-65			Deahan	
E-66	230 x 50/25 x 545		Yuil. Dongyang	2
E-67	260 x 400			
E-67-1			Deahan EDM	
ES	200 x 1/2 x 450		NSD	
FL-5	150 x 33 x 360		Agie. Charmilles. Maho	4
	180 x 25/48 x 380		Sanbon-mamual	2

WATER FILTERS FOR WIRE-CUT EDM



Ref. No.	Size (mm)	Filtering type	Application	Refer
H15190/16	145 x 33 x 375		Agie. Charmilles	
MF-1530	300 x 72 x 150		Sodick	
MF-1546	150 x 70 x 450		AP200L Oil filter	
W-02	150 x 33 x 350	External	Seibu-EW250/300...1000. EW-A5S. AW400-3. EWP series	
W-02	150 x 33 x 350	External	Japax-LS250/350...1000 . Seibu.	
W-02	150 x 33 x 350	External	Sodick-330/453/654W. AW330/453. G3A. EPOC3W/3WS. EPOC series	
W-11			Brother	
W-17	260 x 29 x 340	External	Mitsubishi DWC-N series	
W-20	300 x 29 x 500	Internal	Mitsubishi DWC-F.G.H.U.PH.HA . DWC-70/90/110/200. Brother	
W-20N	300 x 59 x 500	IN / EX with nipple	Mit. Makino. Hitachi. Seibu. Wonil. Seoul. Chmer	
W-23	260 x 46 x 280	External	Makino-ec-3025/3040/3141/7050 series	
W-23F	260 x 36 x 280	External	Sodick-A350. A500. EPOC. AW. AP series	
W-250A	300 x 29 x 250	Internal	Mitsubishi / Type OMF-250A	
W-250AK	300 x 250	Internal with nipple	Mitsubishi / Type OMF-250AK	
W-25A	340 x 48 x 300	IN / EX	AQ series. Fanuc-Alpha series / Type OMF-340F	
W-25AN	340 x 48 x 300	Internal with nipple	Mitsubishi. Makino. Hitachi. Seibu / Type OMF-340FK	
W-25ANF	340 x 48 x 300		Fanuc-C / Type OMF-340FKB	
W-25FKB	340 x 48 x 300			
W-26	300 x 46 x 340	Internal	Hitachi	
W-28	150 x 32 x 370	IN / EX	Agie series	
W-35	340 x 46 x 300	Internal	Fanuc.Sodick	
W-40	340 x 46 x 450	Internal	Fanuc.Sodick. Char.	
W-40CH			Charmilles	
W-40S	340 x 46 x 450	Internal	Sodick	
W-41	300 x 29 x 250	IN / EX	Mitsubishi-C1. C2. SX series	
W-43	340 x 46 x 300	IN / EX	Mitsubishi CX20. FX10/20/30. FX-K	
W-45	300 x 29 x 450(400)		Intertechno-Japax	
W-45	300 x 29 x 400	IN / EX	Mitsubishi B. Z. SZ. P. A. DWC-110PA	
W-450FK	340 x 48 x 450		FA10/20	
W-500A	300 x 29 x 500			
W-500AK	300 x 500			
W-H15190/16	150 x 33 x 360	External	Agie-Agiecut, DEM etc...	
W	260 x 48 x 400		Brother old type	
W	300 x 29 x 250		Mit-SX. Brother. Japax	
W	300 x 29 x 400		Sodick. Techno	
W	340 x 300		Mit-tank type. Makino. Seibu. Fanuc	
W	340 x 4/3" x 450		Char. Mit. Seibu	
W	340 x 46 x 300		Mit-tank type. Makino. Seibu. Fanuc	
Air filters			Filter for generator or controller box / OEM-availble size	
Winder	65 x 30 x 285		Micro winder filter 3/ 5/ 10 micro meters	
Porus	65 x 30 x 285		Micro porus filter 3/ 5/ 10 micro meters	

BW-100 water base - Rust Preventive

"Anti-corrosion solution for Wire Cut machining work !"

- Not change the conductivity of water.
 - Not affect the life time of ion exchange resin.
 - Not plug filter element.
 - Not affect cutting speed or accuracy.
 - Not foam.
 - Environmentally safe.
- Mixing ratio : 0.5 ~1.0% Rust Preventive with water.



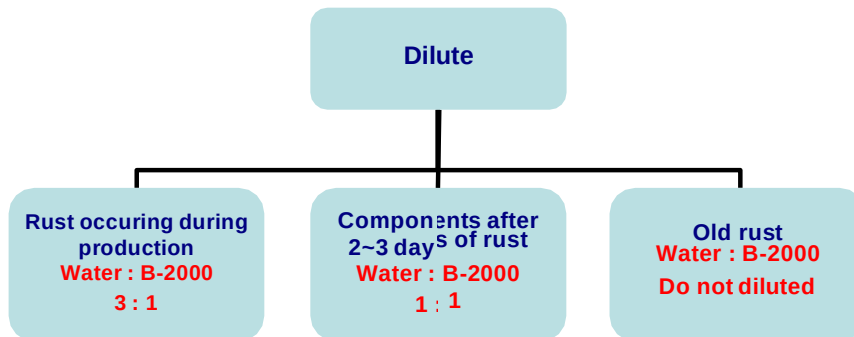
Package : 5L/10L/20L

B-2000 Rust & Carbon Remover for Wire-Cut EDM Machine Cleaning



Package : 5L/10L/20L

- Removes rust, sludge and carbon immediately that occurred on the guides, control box and work tank of Wire Cut Machines.
- Removes rust and carbon on the workpieces.
- Excellent on copper, stainless steel and aluminium.
- Does not damage the shine of metallic surfaces and prevents yellowish discoloration.
- After removal, wiping with a dry cloth makes the machine glow and the effect lasts for 1 to 2 months.
- After putting on a cloth and wiping, get rid of moisture with a dry cloth or air.
- Possible to dilute and use.



B-1200 Rust Remover for rust workpiece by Wire-Cut EDM Machine.

- No color, no odor.
- Removes rust and carbon in the shortest amount of time without damaging the metallic surface.
- Does not damage the shine of metallic surfaces and prevents yellowish discoloration.
- Best for removing the rust on the workpieces while operations of Wire Cut Machines.
- Excellent on bronz, brass and copper.
- Does not use a metallic container and when oils are combined, the product's color may change.
- Wash with water and put anti-corrosion oil for long stock.



Package : 5L/10L/20L