

FANUC – spare parts











**We also supply other spare parts
that are not described in this section.**

If you cannot find the required spare parts please contact us.
















Power feed contacts








Order No.	Order No.	Order No.	Order No.	Order No.
F001	A97L-0001-0664		Power feed contact lower OD25 x id9.0 x 10 mmT	E.H.K.L.M series
F002	A97L-0126-0001 /15S1P		Power feed contact upper & lower OD16 x id6.0 x 6.3 mmT	O.P.Q.R.T.W series
F003	A290-8008-X107		Power feed contact upper & lower OD8.0 x id4.0 x 10 mmT	K.N.M series
F004	A290-8032-Z882		Power feed contact grooved upper & lower OD16 x id6.0 x 6.3 mmT	W1...4 series AWF
F005	A290-8101-X750		Power feeder contact upper & lower Polished 2.8 mmT x 7.7 mmT x 23 mmL	∂-0A/1A/0B/1B series Manual, AWF
F006	A290-8110-X750		Power feed contact upper & lower 4 x 12 x 30 mm - long length / special type	∂-C/iA/iB/iC/iD series Manual/AWF
F006-1(23)	A290-8110-X750		Power feed contact upper & lower 4 x 12 x 23 mm	∂-C 0A/iA/iB/iC/iD series Manual/AWF
F006-1(26)	A290-8110-X750		Power feed contact upper & lower 4 x 12 x 26 mm	∂-0A/iA/iB series Manual/AWF
F007	A290-8048-X759		Power feed contact upper OD15 x id6 x 6 mmT	W0 type
F006-2(26) F008	A290-8119-Z780		Power feed contact lower 4 x 10 x 26 mm	∂- Level Up (iD2), ∂-iE, ∂-CiA series Manual/AWF
F006-2(30) F008-1	A290-8119-Z780-L		Power feed contact lower 4 x 10 x 30 mm	∂-iE, ∂-CiA series AWF
	A6-SAKT-5x25		Stainless setting screw M5x25mm for power feed contacts	

Wire guides					
F101	A290-8021-X762		Guide diamond upper	D=0.055 mm	O.P.Q.R.T.W series Manual type OD6.0 x 28mmL / 5.0mmT
	A290-8021-X763			D=0.105 mm	
	A290-8021-X764			D=0.155 mm	
	A290-8021-X765			D=0.205 mm	
	A290-8021-X766			D=0.255 mm	
	A290-8021-X767			D=0.305 mm	
F102	A290-8021-X772		Guide diamond lower	D=0.055 mm	O.P.Q.R.T.W series Manual type OD6.0 x 28mmL/5.0mmT
	A290-8021-X773			D=0.105 mm	
	A290-8021-X774			D=0.155 mm	
	A290-8021-X775			D=0.205 mm	
	A290-8021-X776			D=0.255 mm	
	A290-8021-X777			D=0.305 mm	
F102T	A290-8021-Y775		Guide diamond lower for taper	D=0.205 mm	O.P.Q.R.T.W series Manual type OD6.0 x 28mmL/5.0mmT
	A290-8021-Y776			D=0.255 mm	
	A290-8021-Y777			D=0.305 mm	
F103	A290-8032-X773		Guide diamond upper	D=0.105 mm	V.T.W series AWF OD6.0x30mmL/5.0mmT
	A290-8032-X774			D=0.155 mm	
	A290-8032-X775			D=0.205 mm	
	A290-8032-X776			D=0.255 mm	
	A290-8032-X777			D=0.305 mm	
F103T	A290-8032-Y765		Guide diamond upper for taper	D=0.205 mm	O.P.Q.R series Manual type for taper OD6.0 x 28mmL/5.0mmT
	A290-8032-Y766			D=0.255 mm	
	A290-8032-Y767			D=0.305 mm	
F104 (J)	A290-8032-X732		Guide diamond lower	D=0.105 mm	V.T.W series AWF OD8.0x33.5 mmL/5.0 mm
	A290-8032-X734			D=0.155 mm	
	A290-8032-X735			D=0.205 mm	
	A290-8032-X736			D=0.255 mm	
	A290-8032-X737			D=0.305 mm	
F104T	A290-8032-X765		Guide diamond lower for 30° taper	D=0.205 mm	V.T.W series Manual type for taper OD8.0x33.5mmL/5.0mmT
	A290-8032-X766			D=0.255 mm	
	A290-8032-X767			D=0.305 mm	
F105	A290-8018-X443		Guide diamond lower	D=0.205 mm	K.M.N.L series OD6.0x20mmL/3.0mmT AWF
	A290-8018-X444			D=0.255 mm	
	A290-8018-X445			D=0.305 mm	
F106	A290-8011-X831		Guide diamond upper & lower	D=0.105 mm	K.M.N.L series Manual type for taper OD5.0x17mmL/3.0mmT 300A power supply
	A290-8011-X832			D=0.155 mm	
	A290-8011-X833			D=0.205 mm	
	A290-8011-X834			D=0.255 mm	
	A290-8011-X835			D=0.305 mm	






F107	A290-8018-X463		Guide diamond upper	D=0.205 mm	K.M.N.L series AWF OD8.0x20mmL/5.0mmT
	A290-8018-X464			D=0.255 mm	
	A290-8018-X465			D=0.305 mm	
F108	A290-8011-X753		Guide diamond upper & lower	D=0.205 mm	K.M.N.L series Manual type DU60C power supply
	A290-8011-X754			D=0.255 mm	
	A290-8011-X755			D=0.305 mm	
F110	A290-8101-X730		Guide diamond upper	D=0.105 mm	∂ -A/B/C/iA/iB series Manual type SW10 x 24.5 mmL M5 x 0.5 mm
	A290-8101-X732			D=0.155 mm	
	A290-8101-X733			D=0.205 mm	
	A290-8101-X734			D=0.255 mm	
	A290-8101-X735			D=0.305 mm	
F110T	A290-8103-X705		Guide diamond upper for taper 45 degree	D=0.205 mm	∂ -A/B/C/iA/iB series Manual air-hole=0.5 mm SW10 x 28 mmL M5
	A290-8103-X706			D=0.255 mm	
	A290-8103-X707			D=0.305 mm	
F111	A290-8101-X740		Guide diamond lower	D=0.105 mm	∂ -A/B/C/iA/iB series Manual type SW10 x 24.5 mmL M5 x 0.5 mm
	A290-8101-X742			D=0.155 mm	
	A290-8101-X743			D=0.205 mm	
	A290-8101-X744			D=0.255 mm	
	A290-8101-X745			D=0.305 mm	
F111T	A290-8109-X715		Guide diamond lower for taper 45 degree	D=0.205 mm	∂ -A/B/C/iA/iB series Manual type Air hole=0.5mm SW10 x 28 mmL M5 x 0.5 mm
	A290-8109-X716			D=0.255 mm	
	A290-8109-X717			D=0.305 mm	
F112	A290-8092-X702		Wire guide upper	D=0.105 mm	∂ -A/B/C/iA/iB/iC/iD/ /Level up (iD2)/iE/ CiA, CiB series AWF L=36.5mm / OD14 M8 x 1.0 thread
	A290-8092-X703			D=0.145 mm	
	A290-8092-X704			D=0.155 mm	
	A290-8092-X705			D=0.205 mm	
	A290-8092-X706			D=0.255 mm	
	A290-8092-X707			D=0.305 mm	
	A290-8092-X708			D=0.335 mm	
F112T	A290-8104-X705		Wire guide upper for taper 45 degree	D=0.205 mm	∂ -A/B/C/D/iA/iB/iC/iD series AWF L=42.5 mm / OD14 M8 x 1.0 thread
	A290-8104-X706			D=0.255 mm	
	A290-8104-X707			D=0.305 mm	
F113	A290-8110-X712		Wire guide lower	D=0.105 mm	∂ -A/B/C/iA/iB/iC/iD series AWF OD9.0 mm SW10 x 20.5 mm LM5 x 0.5 mm
	A290-8110-X714			D=0.155 mm	
	A290-8110-X715			D=0.205 mm	
	A290-8110-X716			D=0.255 mm	
	A290-8110-X717			D=0.305 mm	
F113T	A290-8110-Z715		Wire guide lower for taper 45 degree	D=0.205 mm	∂ -A/B/C/D/iA/iB/iC/iD series AWF OD6.0 mm SW10 x 24.5 mm LM5 x 0.5 mm
	A290-8110-Z716			D=0.255 mm	
	A290-8110-Z717			D=0.305 mm	

F113T	A290-8110-Z712		Wire guide lower for taper 45 degree	D=0,105mm	∂ -A/B/C/D/iA/iB/iC/iD series AWF OD6.0 mm SW10 x 24.5 mm LM5 x 0.5 mm
	A290-8110-Z714			D=0,155mm	
F113-1	A290-8119-Y711		Diamond wire guide lower (Double ceramic)	0,055 mm	∂ -0iC, 0iD, 1iD ∂ -Level Up (iD2), iE series ∂ -CiA, ∂ -CiB series AWF
	A290-8119-Y712			0,075 mm	
	A290-8119-Y713			0,105 mm	
	A290-8119-Y714			0,155 mm	
	A290-8119-Y715			0,205 mm	
	A290-8119-Y716			0,255 mm	
	A290-8119-Y717			0,305 mm	
F114 (J)	A290-8104-Y705		Wire guide upper for high accuracy type	0.202 mm	∂ -A/B/C/iA/iB/iC/iD/iE ∂ -CiA, ∂ -CiB series AWF
	A290-8104-Y706			0.253 mm	
	A290-8104-Y707			0.302 mm	
F114-30T(J)	A290-8112-Z275		Wire guide upper for 30 dg. Taper Ceramic insert	0.205mm Ruby	∂ -iC/iCP/iD series AWF
	A290-8114-Z275			0.205mm PCD	
	A290-8112-Z276			0.255mm Ruby	
	A290-8114-Z276			0.255mm PCD	
F114-45T(J)	A290-8112-Z705		Wire guide upper for 45 dg. Taper Ceramic insert	0.205mm	∂ -iC/iCP/iD series AWF
	A290-8112-Z706			0.255mm	
F115 (J)	A290-8110-Y712		Wire guide lower for high accuracy type Finish cut	0.102 mm	∂ -A/B/C/iA/iB/iC/iD series ∂ -0iC, 0iD, 1iD series AWF High accuracy type
	A290-8110-Y714			0.152 mm	
	A290-8110-Y715			0.202 mm	
	A290-8110-Y716			0.252 mm	
	A290-8110-Y717			0.302 mm	
F115-30T(J)	A290-8112-Z735		Wire guide lower for 30 dg taper Ceramic insert	0.21 mm Ruby	∂ -iC/iCP/iD series AWF
	A290-8114-Z735			0.21 mm PCD	
	A290-8112-Z736			0.26 mm Ruby	
	A290-8114-Z736			0.26 mm PCD	
F115-45T(J)	A290-8112-Z715		Wire guide lower for 45 dg taper Ceramic insert	0.205 mm	∂ -iC/iCP/iD series AWF
	A290-8112-Z716			0.255 mm	
F115-1/45T	A290-8119-Z739		Finish cut diamond guide lower (ceramic) for 45 dg taper	0.21 mm	Level up (iD2) series ∂ -iE, ∂ -CiA series AWF
	A290-8119-Z740			0.26 mm	
F115-1	A290-8119-Y701		Finish Cut – Diamond wire guide lower Double ceramic	0,052 mm	∂ -iD2 Level Up, iE series ∂ -CiA, ∂ -CiB series AWF
	A290-8119-Y702			0,072 mm	
	A290-8119-Y703			0,102 mm	
	A290-8119-Y704			0,152 mm	
	A290-8119-Y705			0,202 mm	
	A290-8119-Y706			0,253 mm	
	A290-8119-Y707			0,302 mm	
F120(J)	A290-8110-Y726 A290-8102-Y726		Sub die guide upper	id= 1.0 mm	∂ -A/B/C/iA/iB series AWF







F120-1	A290-8110-X727 A290-8102-X727		Sub die seat upper		∂ -A/B/C/iA/iB series AWF
F121(J)	A290-8110-X774		Sub die guide lower	id= 1.0 mm	∂ -A/B/C/iA/iB series AWF
F122(J)	A290-8101-X753		Ruby guide upper	id= 0.35 mm	∂ -A/B/C/iA/iB series AWF
F123(J)	A290-8037-X645		Die guide upper	id= 0.4 mm	W series
F124	A290-8110-Y774		1. Sub die guide stainless steel +ceramic insert (not sapphire) lower 2. Sub die guide ceramic lower	1,0 mm	∂ -A/B/C/iA/iB/iC/iD series AWF
	A290-8112-X774			0,5 mm	
F125-1(J)	A290-8102-Y756		Jet nozzle for AWF Upper Diam. out. 31mm/15mm Diam. int. 12.5mm L=28.5mm	id= 1.5 mm	∂ -A/B/C/ iA.....iD series ∂ -iE, CiA series AWF
F125-2(J)	A290-8102-Y757			id= 0.5 mm	
F125-3(J)	A290-8102-Y754			id= 1.8 mm	
F125-4(J)	A290-8102-Y755			id= 0.8 mm	
F125-5(J)	A290-8102-Y761			id= 1.0 mm	
F126	A290-8102-X723		Nozzle base upper D=58 mm / 15mm x 19 mmL - 4 screw holes		∂ -A/B series AWF
F127	A290-8110-Y723		Nozzle base upper D=58 mm / 15mm x 19 mmL - 5 screw holes		∂ -C/iA/iB/iC/iD series AWF
F128	A290-8104-X620		Guide fine wire spec. for upper ceramic inserted/ OD10 x 14 mm	0.3 mm	∂ -A,B,C,iA,iB,iC,iD series AWF
	A290-8102-X620			0.5 mm	
F129/8.0	A290-8112-Y759		Jet Nozzle – upper For 30° Taper	Ø8.0mm	∂ -C/iA/iB/iC/iD series AWF for 30° Taper
F129/6.0	A290-8112-Y758		Jet Nozzle – upper For 20° Taper	Ø6.0mm	∂ -C/iA/iB/iC/iD series AWF for 20° Taper
F130	A290-8116-X726		Sub die guide upper Diam. out. 16mm / 21mm L=26mm	Ø1.0 mm	∂ -iC,iD series AWF
	A290-8130-Y726		Sub die guide upper Diam. out. 16mm / 21mm L=26mm	Ø0,6mm	∂ -CiC series AWF
	A290-8130-Y774		Sub die guide lower	Ø0,6mm	∂ -CiC series AWF
F130-1	A290-8110-Y728		Sub die spring upper	L=14.0 mm	∂ -iC,iD series AWF



F130-2	A290-8102-X728			L=12.5 mm	∂-C series AWF
F131	A290-8102-X622		AWF Nozzle Upper		∂-A,B,C,iA,iB,iC,iD series AWF
F132	A290-8102-X615		Guide upper		∂-A,B,C,iA,iB,iC,iD series AWF
F133	A97L-0201-0490 #136		Jet Nozzle Upper		∂-A,B,C,iA,iB,iC,iD series AWF
F134	A290-8102-X684		Plate spring upper 38 x 20 x 9.0 mm		∂-iA, iB, iC, iD, iE series ∂-CiA series AWF
F135	A290-8119-X693		Electrode upper		∂-Level Up (iD2) ∂-E , ∂-CiA series AWF
F136	A290-8102-X738		Slide plate upper		∂-series
Fe 140	A290-8021-Y701		V ditch guide (Sapphire roller) OD12 x id6.0 x 8.0mm		
Fe 140-1	A290-821-Y702		Shaft OD10x19.5mm		

Water nozzles

F125-1C	A290-8102-Y756		Jet nozzle upper ceramic insert L=28mm	D=1.50 mm	∂-A/B/C/iA/iB/iC/iD AWF *F125-2 -fine wire option
F125-2C	A290-8102-Y757			D=0.50 mm*	
F125-3C	A290-8102-Y754			D=1.80 mm	
F125-4C	A290-8102-Y755			D=0.80 mm	
F125-5C	A290-8102-Y761			D=1.00 mm	
F201	A290-8021-Y745		Water nozzle type 3 - holes bottom upper & lower	3.0 mm	O.P.Q.R.T.W series Manual type OD=25 x 15 mmT
	A290-8021-Y705			4.0 mm	
				5.5 mm	
				8.0 mm	
F201L			Water nozzle upper & lower long type D=5.5 mm T=5.0(L=20 mm) / 10 (L=26 mm) T=20 (L=35 mm) / 30 (L=45 mm)		O.P.Q.R.T.W series Manual type
F202	A290-8021-Y755		Water nozzle lower D=3.0 mm /Special size Water nozzle lower D=4.0 mm /Special size Water nozzle lower D=5.5 mm		O.P.Q.R.T.W series Manual type OD25 x 15 mmT
F204	A290-8037-X870 Not delivery		Water nozzle lower D=13 mm Water nozzle lower D=5.5 mm		W-1....4 series AWF T=9.0mm
	A290-8037-X879				

F205	A290-8032-Y611		Water nozzle upper D=5.5 mm		W-1....4 series AWF T=15mm
	A290-8037-X689 Not delivery		Water nozzle upper D=11 mm		
F206	A290-8021-V722		Nozzle Cap upper & lower For F201/F202		
F206-1	A290-8021-V722		Water nozzle cap upper & lower for F201.F202 Stainless material		O.P.Q.R.T.W series
F206-2			Slide shaft for wire guide / Dies holder		O.P.Q.R.T.W series
F206-Set			Nozzle holder assembly		O.P.Q.R.T.W series
F207	A290-8048-X771		Water nozzle upper D=7.0 mm OD=24 x 16.5 mmT		W0 Manual type
F208	A290-8048-X772		Water nozzle lower D=7.0 mm D=26 x 16 mmT		W-0 Manual type
F209	A290-8111-X772		Nozzle upper	2.0 mm	∂-A/B/C series – upper Manual type OD40 x 38 mm
	A290-8109-X772		Nozzle upper for ∂-A/B	4.0 mm	
	A290-8101-X775		Nozzle upper for ∂-C	4.0 mm	
	A290-8109-X774		Nozzle upper	4.0 mm	
	A290-8111-X774		Nozzle upper for ∂-A/B	6.5 mm	
	A290-8101-X776		Nozzle upper for ∂-C	6.5 mm	
	A290-8111-X776		Nozzle upper	6.5 mm	
	A290-8101-X777		Nozzle upper	11 mm	
F210	A290-8101-X755		Nozzle holder lower for F211 D=4 / 6.5 mm D=4/16 x 23 mmT		∂-A/B/C series Manual type OD40 x id16 x 23 mm
F211	A290-8103-X774		Nozzle lower	2.0 mm	∂-A/B/C series Manual type OD27/10~13.3 x 16 mm
	A290-8101-X774		Nozzle standard lower	4.0 mm	
	A290-8101-X756		Nozzle lower	6.5 mm	
	A209-8101-X777		Nozzle lower (for taper)	10 mm	
F212	A290-8102-X752		Nozzle upper D=12 mm x 23.5 mmT (F216)		∂-1A/1B/1C/iB/iC/iD/iE ∂-CiA series Robocut series AWF OD40 x 23.5 mm
	A290-8104-X775		Nozzle upper D=2.0 mm x 23.5 mmT		
	A290-8102-X775		Nozzle upper D=4.0 mm x 23.5 mmT (F214)		

	A290-8102-X751		Nozzle upper standard D=6.5 mm x 23.5 mmT	
F213	A290-8102-X772		Nozzle lower D=12 mm x 25 mmT (F217)	∂-1A/1B/1C/iB/iC/iD series AWF OD39 x 25 mm
	A290-8104-X774		Nozzle lower D=2 mm x 25 mmT	
	A290-8102-X774		Nozzle lower D=4 mm x 25 mmT (F215)	
	A290-8102-X771		Nozzle lower standard D=6.5 mm x 25 mmT	
F218			Water nozzle upper D=2.0 mm	∂-C series Manual type OD40 x 34 mm
			Water nozzle upper D=4.0 mm	
	A290-8109-X776		Water nozzle upper D=6.5 mm	
F219	A290-8119-Z791		Water nozzle lower D=2.0 mm	∂-Level Up (iD2), iE ∂-CiA series AWF OD46 x 23 mm
	A290-8119-Z786		Water nozzle lower D=4.0 mm	
	A290-8119-Z787		Water nozzle lower D=6.5 mm	
	A290-8119-Z788		Water nozzle lower D=12.0 mm	
F220/2	A290-8130-X751		Water nozzle upper D=2.0 mm	∂-CiC series AWF
F220/4	A290-8130-X752		Water nozzle upper D=4.0 mm	
F220/6,5	A290-8130-X753		Water nozzle upper D=6.5 mm	
F220/12	A290-8130-X754		Water nozzle upper D=12 mm	
F221/2	A290-8130-X781		Water nozzle lower D=2.0 mm	∂-CiC series AWF
F221/4	A290-8130-X782		Water nozzle lower D=4.0 mm	
F221/6,5	A290-8130-X783		Water nozzle lower D=6.5 mm	
F221/12	A290-8130-X784		Water nozzle lower D=12.0 mm	
F219-O	A98L-0001-0347 / S36-W		Lock Nut Ring Lower Ø36 For F219	∂-Level Up (iD2), iE ∂-CiA series AWF

Other parts				
F301	A290-8005-X722		Isolation plate lower	L series Manual
F302	A290-8021-X709		Isolation plate lower 56x73x10mm	O.P.Q.R.T.W series
F303	A290-8032-X334		Isolation plate lower 39x73,6x12mm	W4 series AWF

F303W	A290-8048-X333		Isolation plate for suction type lower 56 x 73 x 10 mmT	W3 series semi-AWF
	A290-8012-X722		Isolation plate lower 83 x 57 x 6 mmT Material special epoxy resin - grade A (Not ceramic)	K series
F304	A290-8021-X602		Isolation plate upper 51 x 33 x 29 mm (Tap max 35mm)	O.P.Q.R.T.W series
F304A	A290-8037-X692		Isolation plate Upper 51x31x30mm (Tap max 39mm)	W0 old type
F305	A290-8101-X509		Isolation plate upper 40 x 40 x 34 mm	∂-A/B series
F305-1	A290-8102-600		Isolation plate upper 27x70x48 mm	∂-B series AWF
F305-2	A290-8110-X600		Isolation plate upper 27x70x35 mm	∂-1iA series AWF
F306	A290-8101-X312		Isolation plate lower type A D=72 x 15 mm	∂-A/B/C series
F306A	A290-8110-Y312		Isolation plate lower type B D=72 x 10 mm	
F307	A290-8101-X761		Guide base lower 75 x 56 x 66 mm	∂-A/B series
F307A	A290-8101-X761		Guide base lower 75 x 56 x 66 mm	∂-C series
F307B	A290-8110-Y761		Guide base lower 75 x 56 x 66 mm	∂-iA/iB/iC series







F307C			Guide base Lower	∂ -iA/iB/iC series
F308	A290-8110-Y761		Guide base lower 81x56x66mm For F404	∂ -C/iA/iB/iC series
F308-1	A290-8110-Y780		Guide base cover lower	∂ -C/iA/iB/iC series
F309	A290-8110-X721		Guide Block	∂ -C,iA,iB series
F310	A290-8111-Y526		Isolation plate upper 70x50x19mm	∂ -0iD, 0iDP series
F311	A290-8110-X600		Isolator plate refer to F305-2 27x70x35mm	∂ -1iD series
F312	A290-8119-X764		Guide block lower 56x40x15mm	∂ -0iD, 0iDP series AWF
F313	A290-8120-X764		Guide block lower 56x40x28mm	∂ -1iD series AWF
F314	A290-8119-Z764		Guide block lower	∂ -0iE, 1iE series AWF
F315	A290-8120-Z764		Guide block lower	α -1iE, CiA600-Series AWF
F321			Isolation plate upper 64x42x23mm	W0 series
F322			Isolator plate lower 56x43x15mm	W0 series
F324	A290-8102-X600		Isolator plate refer to F305-1 27x70x48mm	∂ -A/C series
F400	A97L-0001-0670 / 1260Z		Bearing 1260Z for F401 & F402	W series









F401	A290-8004-X713		Wire sub roller stainless type OD49 x id6.5 x 6 mm	W series
F401-1	A970-0124-X002		Axle for F401 or F401C	W series
F401-2			Bearing cover	W series
F401-3	A970-0124-X003		Nut for wire sub roller (F401)	W series
F401-Set	A290-8004-V316		Wire sub roller stainless type full set with axis & bearing	W series
F401C	A290-8004-X713		Wire sub roller ceramic type OD49 x id6.5 x 6 mm	W series
F401C-Set	A290-8004-V316		Wire sub roller ceramic type full set with axis & bearing	W series
F402	A290-8006-X707		Wire sub roller stainless type OD64 x ID6.5 x 6 mm	W series
F402-set	A290-8006-X707		Wire sub roller stainless type with bearing	W series
F402C	A290-8006-X707		Wire sub roller ceramic type OD64 x id6.5 x 6.0 mm	W serie
F402C-set	A290-8006-X707		Wire sub roller ceramic type with bearing	
F403	A290-8103-X762		Guide base lower stainless type 40 x 40 x 25 mm	∅-A/B series
F403-1	A290-8102-X762 A290-8103-X762		Guide base lower for AWF 40x40x19mm	∅-B series

F404	A290-8110-Y770		Lower guide block A stainless 69 x 51 x 20 mm	∂-C/iA/iB/iC series AWF/Manual type For F308
F404A	A290-8110-Y770		Lower guide block A stainless 59.5 x 49 x 20 mm	∂-A/B series AWF/Manual type For F307
F404C	A290-8110-X770- C		Lower guide block A ceramic 59.5 x 49 x 20 mm	∂-A/B series AWF/Manual type For F307
F404-1	A290-8101-X765		Lower roller stainless OD38 x id22 x 12mm	∂-A/B/C/iA/iB series
F404-1C	A290-8101-X765		Lower roller ceramic OD38 x id22 x 12mm	∂-A/B/C/iA/iB series
F404-2			Ceramic roller for wire out OD39 x id17 x 12mm	W3
F405	A290-8101-X394		Feed guide plastic material 13 x 20 x 19 mm	∂-A/B/C series AWF/Manual type
F405C	A290-8101-X394		Feed guide ceramic material	∂-A/B/C series AWF/Manual type
F406	A290-8101-Z382		Pinch roller ceramic included SUS OD=40/28 x 18 mm	∂-A/B series AWF/Manual type
F407	A290-8101-Z383		Feed roller ceramic OD=40/20 x 19 mm	∂-A/B series AWF/Manual type
F408	A290-8102-X393		Feed wire guide polycarbonate 57 x 20 x 20 mm	∂-A/B/C series AWF/Manual type
F408-1	A290-8112-X393		Shut off Guide Section - Acryl	Manuall / AWF
F409	A290-8101-X371		Brake shoe upper OD=140 x 22 mm	∂-A/B/C series AWF/Manual type














F409i	A290-8111-X371		Brake shoe upper OD=140 x 22 mm	∂-iA/iB/iC series AWF/Manual type
F409W	A290-8011-V352		Brake shoe upper	O.P.Q.R.T.W series
F409WO	A290-8039-V352		Brake shoe upper OD100 x 22mm	W0 (AWF) series
F410	A290-8110-X382		Pinch roller ceramic without bearing (F502) OD40 x ID28 x 30 mmT	∂-C series AWF/Manual type
F410B	A290-8110-V384#STD		Pinch roller ceramic with bearing (F502) OD40 x 30 mmT	Alpha-C series AWF/Manual
F411	A290-8110-X383		Feed roller ceramic OD40 x 12 x 30 mmT	∂-C series AWF/Manual type
F412	A290-8110-Y762		Guide base lower stainless type for AWT 46 x 40 x 24.5 mm	∂-C/iA/iB series
F412-1	A290-8110-X762		Guide base lower stainless type for AWT	∂-C series
F412-2	A290-8120-X763		Guide base lower stainless	∂-iD, iE, CiA series AWF/Manual type
F412-3	A290-8123-Z770		Power Feed contact Seat Feed section	∂-iD, iE ∂-CiA Series
F413 (F421)	A290-8112-X382		Pinch roller OD=80 x 22 mmT	∂-0iA/1iA/0iB/1iB/0iC/1iC AWF/Manual type
F413-1	A290-8112-X362		Gear Feed Section	∂-0iA/1iA/0iB/1iB/0iC/1iC AWF/Manual type
F414	A290-8112-X383		Feed roller OD=80 x 25 mmT	∂-0iA/1iA/0iB/1iB/0iC/1iC AWF/Manual type

F414-1	A290-8112-X363		Gear Feed Section	∂ -0iA/1iA/0iB/1iB/0iC/1iC AWF/Manual type
F414-2	A290-8112-X361		Cover feed section	∂ -0iA/1iA/0iB/1iB/0iC/1iC AWF/Manual type
F415 R	A290-8112-X378		Shaft for F413	∂ -iA/iB series
F416 R	A290-8112-X373		Shaft for F414	∂ -iA/iB/iC series
F417 R	A290-8110-X373		Shaft for F411	∂ -iA/iB/iC series
F418 R	A290-8101-X766		Shaft for F404-1+F501	∂ -A/B series
F419 R	A290-8110-X766		Shaft for F401-1+F501	∂ -C/iA/iB/iC series
F419-1 R	A290-8119-X767		Shaft for F424+F501	∂ - iD, iE, CiA series
F419-2 R	A290-8119-X378		Shaft for F421	∂ - iD, iE, CiA series
F419-3 R	A290-8119-X373		Shaft for F422	∂ - iD, iE, CiA series
F415	A290-8037-X330		Pinch roller SUS OD80 x ID27.5-20 mm x 18 mmT	O.P.Q.T.W series
Fe415	A290-8037-X331		Feed roller SUS OD80 x id28/20 x 18 mmT	O.P.Q.T.W series
Fe415C	A290-8037-X331		Feed roller ceramic OD80 x id28/20 x 18 mmT	O.P.Q.T.W series

F416	A290-8037-X331		Feed roller SUS OD80 x ID11 mm x 18 mmT	O.P.Q.T.W series
Fe416	A290-8037-X330		Pinch roller SUS OD80 x id11 x 18 mm	O.P.Q.T.W series
Fe416C	A290-8037-X330		Pinch roller ceramic OD80 x id11 x 18 mm	O.P.Q.T.W series
Fe417	A290-8037-X805		Pinch roller OD60 x id28 x 18 mm	W0 AWF
Fe418	A290-8037-X806		Feed roller OD60 x id11 x 24 mm	W0 AWF
Fe419			Ceramic roller OD23 x id12 x 12 mm	W3 semi auto
Fe420	A290-8032-V742		Pulley ceramic assembly right	Manual type
Fe421			Ceramic roller upper with v-groove for wire out OD39 x id17 x 12 mm	W3 semi auto
Fe421-1	Only assy		Shaft M4 Guard OD=8mm OD6.0 x 23mm	W3 semi auto
Fe421-2	Only assy		Bearing OD19 x id6.0 x 6.0 mm	W3 semi auto
Fe422			Roller Lower OD40 x id14 x 12mm	W0
F421(J) (F413)	A290-8119-X382		Pinch roller Ceramic OD=80 x 22 mmT	∂-iD, iE, CiA series AWF
F422(J)	A290-8119-X383		Feed roller Ceramic	∂-iD, iE, CiA series AWF

F422-1	A290-8119-X361		Cover feed section	∅-iD, iE, CiA series
F422-2	A290-8119-X362		Cover feed section threaded	∅-iD, iE, CiA series
F423	A290-8119-X618		Brake Shoe Upper OD=100 x ID=20 x w=22 mm	∅-iD, iE, CiA, CiB series AWF
F423-1	A290-8119-X625		Detect Roller Upper	∅-iD, iE series
F423-2	A290-8119-X626		Roller upper	∅-iD, iE series
F423-3	A97L-0001-0670 #LF1470ZZ		Bearing Upper for F423-1	∅-iD, iE series
F423-4	A290-8119-X639		Wire guide upper	∅-iD, iE series
F423-5	A290-8119-X628		Wire guide upper	∅-iD, iE series
	A290-8130-X373		Feed part guide block	CiC series AWF
	A290-8119-X395		Guide block	CiC series AWF
	A290-8119-X666		Cover	CiC series AWF
F424	A290-8119-X766		Roller lower ceramic	∅-iD, iE, CiA series AWF
F424-1	A97L-0203-0424		Roller seal lower	∅-iD, iE, CiA series AWF


F425	A290-8119-X762		Wire guide block lower	∂-iD, iE, CiA series AWF
F501	A97L-0001-0670		DRF2280H Lower bearing for F404-1 & F404-1C M422(608-sus/non rubber) OD25/22 x id8.0 x 7.0 mmT	∂-0iA/1iA/0iB/1iB AWF/Manual type
F502	A97L-0201-0369		SS6001LLU Lower bearing for F406.F410 OD=28 x ID12 x 6 mmT (6901RS)	∂-A/B/C series
F503	A97L-0201-0369		SS6203LLU Lower bearing OD40 x id17 x 12mm	∂-A/B series
F504	A290-8032-X626		Wire cutter for AWT	W1...W4 series
F505	A290-8110-X751		Screw Upper	∂-iA/iB/iC/iD AWF/Manual type
F506	A290-8112-X752		Screw upper D=38 x 14 x 12 mm	∂-A series
F507	A290-8110-Y767		Cower Lower	∂-C,iA/iB/iC AWF/Manual type
Fe420	A290-8032-V742		Roller assembly - right	W0
F608 Fe504	A97L-0201-0910 #6003		Bearing SS6003LLU for shaft F414/F413/ F421/F422 D35 x d17 x T10mm	∂-iA/iB/iC/iD AWF/Manual type
NVT	A97L-0001-0670 / 1650HH		Bearing 1650HH	
NVT	A97L-0001-0670/ LF1450ZZ		Bearing LF1450ZZ	
NVT	A97L-0001-0670/ LF1470ZZ		Bearing LF1470ZZ	

NVT	A97L-0001-670 1560ZZ		Bearing 1560Z	
Fe507	A290-8102-X657		Cutting electrode 6.0 x 6.0 x 10 mm (id=2.5 mm)	
F610 Fe508	A98L-0001-0973		V-packing 140x108x14mm 6-inch	∂-1iA series
F610-1	A290-8120-X092		Bellow lower	∂-1iD series
F610-2	A290-8120-X057		Bellow lower	∂-1iD series
F610-3				
F610-4	A290-8120-X058			C400iA
F610-5				
F609 Fe509	A98L-0001-0972		V packing 115x85x14mm	∂-0iA/0iB series
F609-1	A290-8119-X095		Bellow lower	∂-0iD series
F609-2	A290-8119-X057		Bellow lower	∂-0iD series
F609-3	A290-8119-X058			
Fe510	A290-8102-X656		Chuck	
F607 Fe511	A97L-0201-0911 #6807		Bearing SS6807LLU for F413, F421 D47 x d35 x T7mm	∂-iA/iB/iC/iD series AWF, Manual type
Fe514-1	A290-8102-X722		Guide base Upper	∂-C/iC series
Fe515			Spacer	
Fe516	A290-8102-X722		Die guide base Upper	∂-A/B series

Fe517			Bobbin scrap	
Fe518	A290-8102-X721		Block upper	∅-A/B series
F520	A290-8032-V742		Pulley assembly right	W0 series
F521	A290-8032-V746		Pulley assembly left	W0 series
F600	A290-8110-V607#STD A97L-0201-0485#6D2 A97L-0201-0937		Chuck-MHZ J2 Pneumatic Parallel-gripper	∅-series AWF
F601	A290-8102-X656		Rubber chuck upper	∅-0B, 1B, 0C, 1C series
F602	A290-8112-X656		Rubber chuck upper	∅-0A, 1iA, 0B, 1iB, iC series
F603	A290-8102-X657		Cutting electrode upper	∅-0A, 1iA, 0B, 1iB, iC series
F604	A290-8104-X612		Block upper	∅-Series
F604-1	A290-8119-X685		Block upper	∅-iD series
F605	A290-8102-X616		Cover upper	∅- series
F605-1	A290-8114-X616		Cover upper	
F606	A290-8104-X633		Detection pin, pin electrode	∅- series

F606-1	A290-8119-X633		Detection pin	∅- series
F606-1	A290-8119-X633		Pin electrode	∅- iD series
F606-6	A290-8110-Y769		Sheet	∅- iC series
NVT	A290-8004-V335		Reel divisible	
NVT	A290-8004-X410		Felt pad	
NVT	A290-8021-X745		Insulating guide	
NVT	A290-8032-V853		Roller assembly	
NVT	A290-8039-Y913		Roller A	
NVT	A290-8039-Y914		Roller	
NVT	A290-8101-X771		Cover	
NVT	A290-8104-X612		Block	
	A290-8104-X632		Block	∅- 0C,1C,0iA,1iA,0iB,1iB
F611	A290-8110-V165/ FLTW		Float switch Z axis	∅- series

NVT	A97L-0124-T001		Rolling tip complete	
NVT	A97L-0126-0001/ 15S1P		Electrode pin	
F620	A98L-0001-0938/ 1573		Clip	∂- series
F619	A98L-0001-0938/ 1555		Clip	∂- series
F614	A98L-0203-0097		Coupler	∂- iB,iC,iD,iE,CiA series
F615	A04B-0311-J026 #HGPN		Grease pump 400 gram	All machines
F615-1	A97L-0201-0939 #HGPN		Grease pump 80 gram	All machines
F616	A98L-0001-0465 #2		Grease	NSK LR3 80 gram
	NSK EXCELLA GREEN NS7 80gr.			All machines
F616-1	A98L-0004-0602 #CTG-J			
F617	A290-8112-X394		Feed ceramic guide	∂- 0iA,1iA,0iB,1iB,0iC,1iC series Manual/AWF
F617-1	A290-8119-X394		Feed ceramic guide	∂- iD,iE,CiA series Manual/AWF
F618	A290-8112-X391		Winding ceramic	∂- 0iA,1iA,0iB,1iB,0iC,1iC series Manual/AWF
F618-1	A290-8119-X391		Winding	
F621	A97L-0201-0583 #4B-100S		Strainer	∂- series






F622	A98L-0031-0012		Battery	∂- series
F623	A90L-0001-0468 #BR		Brush wire feed motor 6x4x12mm	∂- series
F624	A290-8112-X375		Spacer	∂- series
F624-1	A290-8112-X374		Spacer	∂- series
F624-2	A290-8119-X375		Spacer	∂- iE, CiA series
F624-3	A290-8119-X374		Spacer	∂- iE, CiA series
F625	A290-8103-X078		Roller	∂- 0iC, 1iC series
F626	A290-8103-X079		Roller	∂- 0iC, 1iC series
F627	A290-8101-X335		Swing Roller Upper	∂- series
F627-1	A97L-0001-0670/ #1450Z		Bearing Upper for F627 1450Z	∂- series
F628	A97L-0201-0673 #6201		Bearing	
F629	A97L-0201-0770 #A05PS25		Valve	∂- series
F630	A97L-0201-0770 #A05PS25X		Valve	∂- series


F631	A98L-0001-0987 #17		Packing	∂- series
F632	A290-8110-X317		Bushing	∂- series
F633	A290-8116-Y756		Wire cylinder upper PKD laminated	∂- iD, iE, CiA series
F633-1	A290-8120-Z783		Cylinder Base	∂- iD, iE, CiA series
F633-2	A290-8116-Y757		Slide pin holder upper	∂- iD, iE, CiA series
F634	A97L-0201-0320 #DH10x20		Spring Tank stainless steel	∂- 0A,0B,0C,0iA,0iB
F635	A97L-0001-0670 #1650HH		Bearing Tank	∂- 0A,0B,0C,0iA,0iB
F636	A98L-0001-0152 #45RTVS		Silicone Tank ShinEtsu KE45T 100gram	∂- series
F637	A290-8004-X410		Felt	
F638	A290-8110-Y763		Sub die block	∂- 0iC, 1iA series
F639	A290-8114-V647 #COM		Clutch	
F640	A290-8119-Z781		Electrode Shaft Lower for power feed contact	
F641	A290-8102-X739		Screw Lock	

F642	A290-8123-Z772		Screw	
F643	A97L-0203-0098 #100-20		Gas spring	∂-iD, iE ∂-CiA Series
F644	A290-8119-X765		Cover	
F645	A290-8102-X660		Chuck	∂- Series
F646	A290-8119-X691		Finger	
F647	A290-8119-X692		Finger	
F648	A290-8112-X654		Chuck	∂-0iA, 1iA Series
F649	A98L-0004-0093 #A		Holder for airfilter set	
F650	A97L-0203-0464 #FTT4M5		Joint lower	
F651	A97L-0203-0464 #FTL4M3		Joint lower	
F652	A97L-0203-0464 #FCL4-M5		Joint lower	
F653	A97L-0203-0464 #FLSM5		Joint lower	
F654	A97L-0201-0262#3		Hinge	A- iB, iC, iD Serie


Z041	A91L-0001-0066		Flow meter + Cylinder	All machines
Z041F	A91L.0001.0066		Flow meter	All machines
Z041F-1			Cylinder	All machines
NVT	A97L-0001-0652		Wire guide PCD Upper & Lower H=15 mm id=0.21/0.26 mm	E.H.I.J series
NVT	A97L-0001-0664/ 15S1P		Power feed contact lower 15S1P OD25 x id9.0 x 10 mm	W0...W4 O.P.Q.R.T.V series
NVT	A97L-0001-0670/ 1650HH		Bearing 1650HH	
NVT	A97L-0001-0670/ 1450ZZ		Bearing LF1450ZZ	
NVT	A97L-0001-0670/ 1450Z		Bearing 1450Z	
NVT	A97L-0001-0670/ LF1470ZZ		Bearing LF1470ZZ	
NVT	A97L-0001-0670/ 1560Z		Bearing 1560Z	
FE704	A290-8102-X656		Chuck	
	A290-8038-X919		Same as A290-8039-Y914	
	A290-8101-X756		Same as A290-8101-X774 (F211/D=4 mm)	Alpha-A.B.C
	A290-8101-X775		Same as A290-8111-X774 (F209/D=4 mm)	Alpha-A.B
	A290-8101-X776		Same as A290-8111-X776 (F209/D=6.5 mm)	Alpha-A.B
	A290-8103-X715		Same as A290-8109-X715 (F111T/D=0.205 mm)	
	A290-8103-X716		Same as A290-8109-X716 (F111T/D=0.255 mm)	

	A290-8103-X717		Same as A290-8109-X717 (F111T/D=0.305 mm)	
	A290-8104-X715		Same as A290-8110-Z715 (F113T/D=0.205 mm)	
	A290-8104-X716		Same as A290-8110-Z716 (F113T/D=0.255 mm)	
	A290-8104-X717		Same as A290-8110-Z717 (F113T/ D=0.305 mm)	
	A290-8109-X772		Same as A290-8111-X772 (F209/D=2mm)	
	A290-8109-X774		Same as A290-8111-X774 (F209/D=4 mm)	Alpha-C
	A290-8109-X776		Same as A290-8111-X776 (F209/D=6.5 mm)	Alpha-C

Cables				
F612-650	L=650mm		Ground cable lower	L,P,W1
F612-800	L=800mm		Ground cable upper	L,P,W1
F612-750	L=750mm		Ground cable lower	Q, T1, W2
F613-880	L=880mm		Ground cable upper	Q, T1, W2
F613-820	L=820mm		Ground cable lower	R, W3
F613-1200	L=1200mm		Ground cable upper	R, W3
F613-910	L=910mm		Ground cable lower	W4
F613-1300	L=1300mm		Ground cable upper	W4
F612-550	L=550mm		Ground cable lower	∂- 0A, 0B
F612-810	L=810mm		Ground cable upper	∂- 0A, 0B
F612-580	L=580mm		Ground cable lower	∂- 0C+iA
F613-1220	L=1220mm		Ground cable upper	∂- 0C+iA
F612-810	L=810mm		Ground cable lower	∂- 1 series
F613-1460	L=1460mm		Ground cable upper	∂- 1 series
F700	A290-8120-V102 #1LW		Discharge cable Lower Set a 4pcs.	∂- 1iD series
F700-1	A290-8120-V103 #1UP		Discharge cable Upper Set a 3pcs.	∂- 1iD series
F700-2	A290-8119-V102 #0LW		Discharge cable Lower Set a 4pcs.	∂- 0iD series

F701	A290-8120-V102 #1LWM		Discharge cable Lower Set a 5pcs.	∂- 1iE series
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Belts				
	A290-8037-X960		Conveyer belt 13 x 1172 mm	
	A290-8037-X961		Conveyer belt 13 x 1422 mm	
	A290-8037-X966		Conveyer belt upper 13 x 1376 mm	
	A290-8037-X967		Conveyer belt 13 x 1628 mm	
F0036	A290-8039-X860		Conveyer belt 14 x 1112 mm	W1
F0037	A290-8039-X861		Conveyer belt 14 x 1417 mm	W1
F0038	A290-8040-X860		Conveyer belt upper 14 x 1315 mm	W2
F0039	A290-8040-X861		Conveyer belt lower 14 x 1620 mm	W2
F0040	A290-8046-X860		Conveyer belt upper 21 x 1645 mm	W3
F0041	A290-8046-X861		Conveyer belt lower 21 x 1962 mm	W3
F0042	A290-8047-X860		Conveyer belt upper 21 x 2080 mm	W4
F0043	A290-8047-X861		Conveyer belt lower 21 x 2400 mm	W4
	A98L-0004-0153			Conveyer belt L=0.7 X 17 X 3260 mm
	A98L-0004-0153	Conveyer belt L=0.7 X 17 X 3330 mm		
	A98L-0004-0359	Conveyer belt for AWF type 17 x 1870 mm		
	A98L-0004-0359	Conveyer belt for AWF type 17 x 1930 mm		

	A98L-0004-0359		Conveyer belt 17 x 3260 mm	V
	A98L-0004-0359		Conveyer belt 17 x 3330 mm	V
	A98L-0004-0359		Conveyer belt 17 x 4110 mm	
	A98L-0004-0359		Conveyer belt 17 x 4290 mm	