

Teile- und Preisliste

FANUC

bes Funkenerosion GmbH
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Fanuc

Stromführungen						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F001	A97L-0001-0664			Power feed contact lower OD25 x ID9 x 10 mmT	E.H.K.L.M series	32,00
F002	A97L-0126-0001	15098		Power feed contact upper & lower OD16 x ID6 x 6.3 mmT	O.P.Q.R.T.W series	8,00
F003	A290-8008-X107			Power feed contact upper & lower OD8 x ID4 x 10 mmT	K.N.M series	9,00
F004	A290-8032-Z882	15617		Power feed contact grooved upper & lower OD16 x ID6 x 6.3 mmT	W1....4 series AWF	22,00
F005	A290-8101-X750	14696		Power feeder contact upper & lower 2.8 mmT x 7.7 mmW x 23 mmL	Alpha-A.B series Manual/AWF	8,00
F006	A290-8110-X750	14741		Power feed contact upper & lower 4 x 12 x 30 mm - long length / special type	Alpha-C.iA.iB series Manual/AWF	22,00
F006-1(23)	A290-8110-X750	alt		Power feed contact upper & lower 4 x 12 x 23 mm	AlphaC.iA.iBseries Manual/AWF	
F006-2	A290-8008-X107			Power feed contact upper & lower 3 x 12 x 30 mm	Alpha-0B.0C series Manual/AWF	28,00
F007	A290-8048-X759			Power feed contact upper OD15 x ID6 x 6 mmT	W0 type	25,00

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Drahtführungen						
Ref. Nr	Teile-Nr.	ö	Bild	Beschreibung	Anwendung	Preis/EURO
F101	A290-8021-X762			Guide diamond upper D=0.055 mm	O.P.Q.R.T.W series	168,00
	A290-8021-X763			Guide diamond upper D=0.105 mm		
	A290-8021-X764			Guide diamond upper D=0.155 mm		
	A290-8021-X765			Guide diamond upper D=0.205 mm		
	A290-8021-X766	16055		Guide diamond upper D=0.255 mm		
	A290-8021-X767			Guide diamond upper D=0.305 mm		
F102	A290-8021-X772			Guide diamond lower D=0.055 mm	O.P.Q.R.T.W series	158,00
	A290-8021-X773			Guide diamond lower D=0.105 mm		
	A290-8021-X774			Guide diamond lower D=0.155 mm		
	A290-8021-X775			Guide diamond lower D=0.205 mm		
	A290-8021-X776	16054		Guide diamond lower D=0.255 mm		
	A290-8021-X777			Guide diamond lower D=0.305 mm		
F102T	A290-8021-Y775			Guide diamond lower D=0.205 mm	O.P.Q.R.T series Manual for taper	
	A290-8021-Y776			Guide diamond lower D=0.255 mm		
	A290-8021-Y777			Guide diamond lower D=0.305 mm		
F103	A290-8032-X772			Guide diamond upper D=0.105 mm	T.W series AWF	228,00
	A290-8032-X774			Guide diamond upper D=0.155 mm		
	A290-8032-X775			Guide diamond upper D=0.205 mm		
	A290-8032-X776	15204		Guide diamond upper D=0.255 mm		
	A290-8032-X777			Guide diamond upper D=0.305 mm		
F103T	A290-8032-Y765			Guide diamond upper D=0.205 mm	O.P.Q.R series Manual for taper	360,00
	A290-8032-Y766			Guide diamond upper D=0.255 mm		
	A290-8032-Y767			Guide diamond upper D=0.305 mm		
F104	A290-8032-X732			Guide diamond lower D=0.105 mm	T.W series AWF	
	A290-8032-X734			Guide diamond lower D=0.155 mm		
	A290-8032-X735			Guide diamond lower D=0.205 mm		
	A290-8032-X736			Guide diamond lower D=0.255 mm		
	A290-8032-X737			Guide diamond lower D=0.305 mm		
F104T	A290-8032-X765			Guide diamond lower D=0.205 mm	T.W series Manual for taper 30Gr.	288,00
	A290-8032-X766			Guide diamond lower D=0.255 mm		
	A290-8032-X767			Guide diamond lower D=0.305 mm		
F105	A290-8018-X443			Guide diamond lower D=0.205 mm	K.M.N.L series AWF	208,00
	A290-8018-X444			Guide diamond lower D=0.255 mm		
	A290-8018-X445			Guide diamond lower D=0.305 mm		
F106	A290-8011-X833			Guide diamond upper & lower D=0.205 mm	K.M.N.L series Manual	208,00
	A290-8011-X834			Guide diamond upper & lower D=0.255 mm		
	A290-8011-X835			Guide diamond upper & lower D=0.305 mm		
F107	A290-8018-X463			Guide diamond upper D=0.205 mm	K.M.N.L series AWF	211,00
	A290-8018-X464			Guide diamond upper D=0.255 mm		
	A290-8018-X465			Guide diamond upper D=0.305 mm		
F108	A290-8011-X753			Guide diamond upper & lower D=0.205 mm	K.M.N.L series Manual	205,00
	A290-8011-X754			Guide diamond upper & lower D=0.255 mm		
	A290-8011-X755			Guide diamond upper & lower D=0.305 mm		
F110	A290-8101-X730			Guide diamond upper D=0.105 mm	Alpha-A.B.C.iA.iB Manual	213,00
	A290-8101-X732			Guide diamond upper D=0.155 mm		
	A290-8101-X733	15287		Guide diamond upper D=0.205 mm		
	A290-8101-X734			Guide diamond upper D=0.255 mm		
	A290-8101-X735			Guide diamond upper D=0.305 mm		
F110T	A290-8103-X705			Guide diamond upper D=0.205 mm	Alpha-A.B.C.iA.iB Manual for taper 45Gr	340,00
	A290-8103-X706			Guide diamond upper D=0.255 mm		
	A290-8103-X707			Guide diamond upper D=0.305 mm		

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Drahtführungen						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F111	A290-8101-X740			Guide diamond lower D=0.1 mm	Alpha-A.B.C.iA.iB Manual	198,00
	A290-8101-X742			Guide diamond lower D=0.155 mm		
	A290-8101-X743	15288		Guide diamond lower D=0.205 mm		
	A290-8101-X744			Guide diamond lower D=0.255 mm		
F111T	A290-8101-X745			Guide diamond lower D=0.305 mm		
	A290-8109-X715			Guide diamond lower D=0.205 mm	Alpha-A.B.C.iA.iB Manual for taper 45Gr	340,00
	A290-8109-X716			Guide diamond lower D=0.255 mm		
A290-8109-X717		Guide diamond lower D=0.305 mm				
F112	A290-8092-X702	15147		Wire guide upper D=0.105 mm	Alpha-A.B.C.iA.iB AWF	243,00
	A290-8092-X703			Wire guide upper D=0.145 mm		
	A290-8092-X704	15323		Wire guide upper D=0.155 mm		
	A290-8092-X705	14694		Wire guide upper D=0.205 mm		
	A290-8092-X706	14642		Wire guide upper D=0.255 mm		
	A290-8092-X707	15412		Wire guide upper D=0.305 mm		
	A290-8092-X708			Wire guide upper D=0.335 mm		
F112T	A290-8104-X705	15489		Wire guide upper D=0.205 mm	Alpha-A.B.C.iA.iB Manual for taper 45Gr	340,00
	A290-8104-X706	16424		Wire guide upper D=0.255 mm		
	A290-8104-X707	16425		Wire guide upper D=0.305 mm		
F113	A290-8110-X715	15148		Wire guide lower D=0.105 mm	Alpha-A.B.C.iA.iB AWF	198,00
	A290-8110-X715			Wire guide lower D=0.145 mm		
	A290-8110-X715	15324		Wire guide lower D=0.155 mm		
	A290-8110-X715	14695		Wire guide lower D=0.205 mm		
	A290-8110-X716	14641		Wire guide lower D=0.255 mm		
	A290-8110-X717	15413		Wire guide lower D=0.305 mm		
	A290-8110-X718			Wire guide lower D=0.33 mm		
F113T	A290-8110-Z715	16428		Wire guide lower D=0.205 mm	Alpha-A.B.C.iA.iB AWF for taper 45Gr	340,00
	A290-8110-Z716	16426		Wire guide lower D=0.255 mm		
	A290-8110-Z717	16427		Wire guide lower D=0.305 mm		
F120	A290-8110-Y726	15352		Sub Die Guide 1,0	Alpha 1C	298,00
	A290-8102-X620			Wire-guide	45Gr	315,00
	A290-8112-X394			Wire-guide		250,00
	A290-8110-X721			guide block upper		580,00

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Spüldüsen						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F124	A290-8110-Y774	16377		Jet nozzle sapphire insert lower D=1.0 mm	Alpha-A.B.C.iA.iB AWF	198,00
F125-1	A290-8102-Y756	15657		Jet nozzle upper ceramic insert D=1.50 mm	Alpha-A.B.C.iA.iB AWF	198,00
F125-2C	A290-8102-Y757	15656		Jet nozzle upper ceramic insert D=0.50 mm	Alpha-A.B.C.iA AWF-fine wire option	198,00
F126	A290-8102-X723			Nozzle base upper D=58 mm x 19 mm L - 4 screw holes	Alpha-A.B series AWF	40,00
F127	A290-8110-Y723			Nozzle base upper D=58 mm x 19 mm L - 5 screw holes	Alpha-C.iA.iC series AWF	40,00
F201	A290-8021-Y745			Water nozzle upper & lower D=3.0 mm /Special size	O.P.Q.R.T.W series Manual OD=25 x 16 mmT	5,50
		16194		Water nozzle upper & lower D=4.0 mm /Special size		
		16111		Water nozzle upper & lower D=5.5 mm		
F201L	A290-8021-Y755			Water nozzle upper & lower long type D=5.5 mm L=5/10/20/30 mm	O.P.Q.R.T.W series Manual	6,00
F202	A290-8021-Y705			Water nozzle lower D=3.0 mm /Special size	O.P.Q.R.T.W series Manual	5,50
				Water nozzle lower D=4.0 mm /Special size		
				Water nozzle lower D=5.5 mm		
F202L	A290-8021-Y755			Water nozzle lower long type D=5.5 mm L=5/10/20/30 mm	O.P.Q.R.T.W series Manual	
F204	A290-8037-X870 Not delivery			Water nozzle lower D=13 mm	W-1....4 series AWF	6,50
	A290-8037-X879			Water nozzle lower D=5.5 mm		
F205	A290-8032-Y611			Water nozzle upper D=5.5 mm	W-1....4 series AWF	7,00
	A290-8037-X689 Not delivery			Water nozzle upper D=11 mm		
F206	A290-8021-V722			Water nozzle cap upper & lower for F201.F202 Stainless material	O.P.Q.R.T.W series	52,00
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	16053		Water nozzle upper D=7.0 mm D=24 x 17 mmT	W-0 Manual	7,00
F208	A290-8048-X772	16052		Water nozzle lower D=7.0 mm D=26 x 17 mmT	W-0 Manual	7,00

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Spüldüsen						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F209	A290-8111-X772			Nozzle upper D=2 mm	Alpha-A.B.C.iA.iB Manual OD40 x 40 mmT	8,00
	A290-8111-X774			Nozzle upper D=4 mm		
	A290-8101-X776	15291		Nozzle upper D=6.5 mm		
	A290-8101-X777			Nozzle upper D=11 mm		
F210	A290-8101-X755	15289		Nozzle holder lower D=4 / 6.5 mm D=4/16 x 23 mmT	Alpha-A.B.C.iA.iB Manual	7,00
F211	A290-8103-X774			Nozzle lower D=2.0 mm	Alpha-A.B.C.iA.iB Manual OD=27 x 16 mmT	6,50
	A290-8101-X774			Nozzle standard lower D=4.0 mm		
	A290-8101-X756	15290		Nozzle lower D=6.5 mm		
F212	A290-8102-X752	16510		Nozzle upper D=12 mm x 23.5 mmT	Alpha-A.B.C.iA.iB AWF	11,50
	A290-8104-X775	15522		Nozzle upper D=2.0 mm x 23.5 mmT		
	A290-8102-X775	15925		Nozzle upper D=4.0 mm x 23.5 mmT		
	A290-8102-X751	14643		Nozzle upper standard D=6.5 mm x 23.5 mmT		
F213	A290-8102-X772	16511		Nozzle lower D=12 mm x 25 mmT	Alpha-A.B.C.iA.iB AWF	12,00
	A290-8104-X774	15523		Nozzle lower D=2 mm x 25 mmT		
	A290-8102-X774	15926		Nozzle lower D=4 mm x 25 mmT		
	A290-8102-X771	14699		Nozzle lower standard D=6.5 mm x 25 mmT		
F214	A290-8102-X775	15293		Nozzle upper D=4.0 mm x 23.5 mmT	Alpha-A.B.C.iA.iB AWF	9,50
F215	A290-8102-X774	15294		Nozzle lower D=4 mm x 25 mmT		
F216	A290-8102-X752	14697		Nozzle upper D=12 mm x 23.5 mmT		
F217	A290-8102-X772	14698		Nozzle lower D=12 mm x 25 mmT		
F218	A290-8109-X776					
FE218				Water nozzle upper D=4 mm	Alpha-A.B.C.iA.iB Manual OD=40 x 30 mmL	
FE218	A290-8109-X776			Water nozzle upper D=6.5 mm		

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Teile-/Preisliste						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F301	A290-8005-X722			Isolation plate lower	O.P.Q.R.W.L series Manual	69,00
F302	A290-8021-X709	15775		Isolation plate lower	O.P.Q.R.T.W series	46,00
F303	A290-8032-X334	15359		Isolation plate lower	W series AWF	46,00
F303W	A290-8048-X333			Isolation plate lower 56 x 73 x 10 mmT	W 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	O.P.Q.R.W series	40,00
F305	A290-8101-X509			Isolation plate upper 40 x 40 x 34 mm	Alpha-A.B series	112,00
F305-1	A290-8102-600			Guide base upper 70 x 27 x 48 mm	Alpha-B series AWF	82,00
F305-2	A290-8110-X600			Guide base upper 70 x 27 x 35 mm	Alpha-IB series AWF	82,00
F306	A290-8101-X312			Isolation plate lower D=72 x 15 mm	Alpha-A.B.C series	82,00
F307	A290-8101-X761			Guide base lower 75 x 56 x 66 mm	Alpha-A.B series	120,00
F307-1	A290-8101-X761			Guide base lower 75 x 56 x 66 mm	Alpha-C series	120,00
F307-2	A290-8110-Y761			Guide base lower 75 x 56 x 66 mm	Alpha-IA.iB.iC series	
F308	A290-8102-X393			Wire guide	Alpha-A.C	
F400	A97L-0001-0670	16436		Bearing 1260Z for F401& F402	W series	5,50

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Teile-/Preisliste						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F401	A290-8004-X713	15402		Wire sub roller stainless type OD49 x ID6.5 x 6 mm	W series	32,00
F401A				Axle for F401 or F401C	W series	
F401C	A290-8004-X713	15400		Wire sub roller ceramic type OD49 x ID6.5 x 6 mm	W series	60,00
F401-Set	A290-8004-V316	15483		Wire sub roller stainless type full set with axis & bearing	W series	60,00
F401C-Set	A290-8004-V316	15482		Wire sub roller ceramic type full set with axis & bearing	W series	82,00
F402	A290-8006-X707			Wire sub roller stainless type OD64 x ID6.5 x 6 mm	W series	33,00
F403	A290-8103-X762			Guide base lower stainless type 40 x 40 x 25 mm	Alpha-A.B series	83,00
F404	A290-8110-Y770	17008		Lower guide block A stainless 59.5 x 49 x 20 mm	Alpha-A.B.C series AWF/Mauul	120,00
F404-1C	A290-8101-X765			Lower ceramic roller 38 x 22 x 12 mm	Alpha-A.B.C.iA.iB	56,00
F404-1	A290-8101-X765			Lower roller stainless 38 x 22 x 12 mm	Alpha-A.B.C.iA.iB	34,00
F405	A290-8101-X394	19250		Feed guide plastic material 13 x 20 x 19 mm	Alpha-A.B.C series AWF/Mauul	44,00
F406	A290-8110-Z382	15295		Pinch roller ceramic D=40 x 20 x 18 mm	Alpha-A.B series AWF/Mauul	72,00
F406-1	A971-0201-0369			Sub roller/stainless	Alpha-A.B series AWF/Mauul	31,00
F406-1C	A971-0201-0369	15296		Sub roller/Ceramic	Alpha-A.B series AWF/Mauul	52,00
F407	A290-8110-Z383	15298		Feed roller ceramic (Transportrolle) D=40 x 20 x 19 mm	Alpha-A.B series AWF/Mauul	85,00
F408	A290-8102-X393			Feed wire guide polycarbonate 57 x 20 x 20 mm	Alpha-A.B.C series AWF/Mauul	68,00
F409	A290-8101-X371	14751		Brake shoe upper (Bremsschuh) D=140 x 22 mm	Alpha-A.B.C.iA.iB series AWF/Mauul	79,00
	A290-8111-X371			Brake shoe / Substitute parts =F409	Alpha-A.B.C.iA.iB series AWF/Mauul	

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Teile-/Preisliste						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
F409W	A290-8011-V352			Brake shoe upper	O.P.Q.T.W series	68,00
F409WO	A290-8039-V352			Brake shoe upper	W0 (AWF) series	68,00
F410	A290-8110-X382	14743		Pinch roller ceramic without bearing (F502) OD40 x ID28 x 30 mmW	Alpha-C series AWF/Mauai	106,00
F410B	A290-8110-V384#STD			Pinch roller ceramic with bearing (F502) OD40 x 30 mmW	Alpha-C series AWF/Mauai	
F411	A290-8110-X383	15283		Feed roller ceramic OD40 x 12 x 30 mmW	Alpha-C series AWF/Mauai	150,00
F412	A290-8110-X762			Guide base lower stainless type 46 x 40 x 24.5 mm	Alpha-C.iA.iB series AWF/Mauai	90,00
F413	A290-8112-X382			Pinch roller D=80 x 22 mmW	Alpha-0iA.1iA.0iB.1iB AWF/Mauai	395,00
F414	A290-8112-X383			Feed roller D=80 x 22 mmW	Alpha-0iA.1iA.0iB.1iB AWF/Mauai	470,00
F415	A290-8037-X330			Pinch roller SUS OD80 x ID27.5-20 mm x 18 mmT	O.P.Q.T.W series	90,00
F416	A290-8037-X331			Feed roller SUS OD80 x ID11 mm x 18 mmT	O.P.Q.T.W series	90,00
F417	A290-8037-X805			Pinch roller D=60 mm	W0 AWF	90,00
F418	A290-8037-X806			Feed roller D=60 mm	W0 AWF	90,00
F501	A97L-0001-0670	15641		DRF2280H Lower bearing for F404-1. F404-1C OD25 x OD22 x ID8 x 7 mmT M422 (608-sus / non-rubber)	Alpha-0iA.1iA.0iB.1iB AWF/Mauai	9,00
F502	A97L-0201-0369	15640		SS6001LLU Lower bearing for F406.F410 OD=24 x ID12 x 6 mmT (6901RS)	Alpha-A.B.C series	5,00
F503	A97L-0201-0369	15299		SS6203LLU Lower bearing	Alpha-A.B series	15,00
FE420	A290-8032-V742			Roller assembly - right	W0	

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Teile-/Preisliste						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
FE421	A290-8032-V746			Roller assembly - left	W0	
FE422C				Ceramic roller	W0	
FE704	A290-8102-X656			Chuck		68,00
FE705	A290-8102-X657			Cutting electrode		48,00
FE706	A290-8102-x752			Electrode screw		26,00
FE708	A98L-0001-0972			V-packing 4-inch	Alpha-0iA	62,00
FE709	A98L-0001-0973			V-packing 6-inch	Alpha-1iA	62,00
	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)		

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Teile-/Preisliste						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
	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	
	A98L-0040-0153			Same as A98L-0004-0359 /L3260		
	A98L-0040-0153			Same as A98L-0004-0359 /L3330		
	A290-8109-X776			Same as A290-8111-X776 (F209/D=6.5 mm)	Alpha-C	
	A290-8032-X626			Wire-Cutter		145,00
	A290-8032-X627			Plate		75,00
	A290-8112-X778					95,00
	A290-8110-X775	18888		Feed-roller ceramic	Alpha 1C	60,00
						320,00

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Drahttransportbänder						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
	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		
	A290-8039-X860			Conveyer belt 14 x 1112 mm	W1	
	A290-8039-X861			Conveyer belt 14 x 1417 mm	W1	
	A290-8040-X860			Conveyer belt upper 14 x 1315 mm	W2	
	A290-8040-X861			Conveyer belt lower 14 x 1620 mm	W2	
	A290-8046-X860			Conveyer belt upper 21 x 1645 mm	W3	
	A290-8046-X861			Conveyer belt lower 21 x 1962 mm	W3	
	A290-8047-X860			Conveyer belt upper 21 x 2080 mm	W4	
	A290-8047-X861			Conveyer belt lower 21 x 2400 mm	W4	
	A98L-0004-0153			Conveyer belt L=0.7 X 17 X 4090 mm		
	A98L-0004-0153			Conveyer belt L=0.7 X 17 X 4300 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		

