

Teile- und Preisliste


Charmilles

bes Funkenerosion GmbH
Hafnerweg 3

















D 78737 Fluorn-Winzeln

Tel.: 07402/9309-17 H. Stängel
Fax.: 07402/9309-20
E-mail: rainer.staengel@bes-edm.de

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Drahtführungen						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C102/25	100430586	15456		Diamond guide lower /Ceramic housing D=0.25 mm	Robofil series	296,00
C104/25	100430586	15339		Diamond guide lower /Stainless housing inserted ceramic D=0.25 mm		206,00
C101/25	100432511	15455		Diamond guide upper /Ceramic housing inserted ceramic D=0.25 mm		268,00
C103/25	100432511	15337		Diamond guide upper /Stainless housing inserted ceramic D=0.25 mm		206,00
C101/20	200431112	15453		Diamond guide upper /Ceramic housing D=0.20 mm		268,00
C103/20	200431112	15336		Diamond guide upper /Stainless housing inserted ceramic D=0.20 mm		206,00
C101/15	200431114	15454		Diamond guide upper /Ceramic housing D=0.15 mm		268,00
C103/15	200431114	15327		Diamond guide upper /Stainless housing inserted ceramic D=0.15 mm		206,00
C102/20	200431122	15457		Diamond guide lower /Ceramic housing D=0.20 mm		296,00
C104/20	200431122	15332		Diamond guide lower /Stainless housing inserted ceramic D=0.20 mm		206,00
C102/15	200431124	15329		Diamond guide lower /Ceramic housing D=0.15 mm		296,00
C104/15	200431124	15335		Diamond guide lower /Stainless housing inserted ceramic D=0.15 mm		206,00
C101/30	200432512	15325		Diamond guide upper /Ceramic housing D=0.30 mm		268,00
C103/30	200432512	15328		Diamond guide upper /Stainless housing inserted ceramic D=0.30 mm		206,00
C102/30	200432814	15458		Diamond guide lower /Ceramic housing D=0.30 mm	296,00	

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Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C104/30	200432814	15333		Diamond guide lower /Stainless housing inserted ceramic D=0.30 mm	Robofil series	206,00
C4433400/25	104433400			Diamond guide set upper & lower (C103 + C104) D=0.25 mm		398,00
C4433400/20	104433420			Diamond guide set upper & lower (C103 + C104) D=0.20 mm		398,00
C4433400/15	104433440			Diamond guide set upper & lower (C103 + C104) D=0.15 mm		398,00
C4433400/07	104433450			Diamond guide set upper & lower (C103 + C104) D=0.07 mm		
C4433400/10	104433460			Diamond guide set upper & lower (C103 + C104) D=0.10 mm		
C4433400/30	104448760			Diamond guide set upper & lower (C103 + C104) D=0.30 mm		398,00
C4433400C/25	104433400	18766		Diamond guide set upper & lower (C101 + C102) D=0.25 mm		Robofil series
C4433400C/20	104433420			Diamond guide set upper & lower (C101 + C102) D=0.20 mm		
C4433400C/15	104433440			Diamond guide set upper & lower (C101 + C102) D=0.15 mm		
C4433400C/10	104433460			Diamond guide set upper & lower (C101 + C102) D=0.10 mm		
C4339840	204339840			Diamond guide lower D=0.30 mm	RFL 330F	
C4339850	204339850			Diamond guide lower D=0.25 mm		
C4339860	204339860			Diamond guide lower D=0.20 mm		
C4339870	204339870			Diamond guide lower D=0.15 mm		
C4339880	204339880			Diamond guide lower D=0.10 mm		

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Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C003	106462			Current supply upper & lower D=9.5 x 3.8 mm x 3 mmT	EF-320.330.630.930	15,00
C343525	100343525			Contact brush annealing (holder 342.185)		
C431787	100431787	17188		Threading nozzle ceramic D=1.80 mm		81,00
C431958	100431958	15928		Threading nozzle ceramic D=0.80 mm		81,00
C001	100432997	14736		Current supply upper & lower Tungsten carbide polished 12 x 12 x 5 mm		16,00
C434447	100434447	14749		Cutter Z16 OD30 x ID12 x 6 mmT	RFL 230/290/2030	89,00
C004	100441275	14985		Centering eye tungsten carbide 19 x 10 x 0.80 mmT	RFL 310/510/x000	29,00
C202	100443733	14981		Plastic nut lower	RFL 3x0/5x0	8,00
C444441	100444441			Compac dial indicate 215G		
C444709	100444709			Tank door rubber seal D=12 mm	Roboform 100.200..series Robofil series	
C444728	100444728			Lower contact support 15 x 15 x 24 mm	RFL x000/x020 series	28,00
C444750	100444750	17011		Upper contact support 13 x 17 x 24 mm	RFL 290/x10/330F/x000/x020	28,00
C445990	100445990			Ceramic counter cutter blade D=19.0 x 5.0mm		260,00
C446201	100446201			Spring F=1.0 mm D=32.0 mm for lower water nozzle		15,00
C446365	100446365			Crimping gear wire evacuation lower head D=36 mm	RFL 3x0/5x0	

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Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C403	100446687	14987		Contact brush lower	RFL 3x0/5x0	14,00
C446736	100446736	16147		Grounding cable for contact brush (446.687)	RFL 290/x10	13,00
C203	100447011	14983		Plastic nut for upper head	RFL 3x0/5x0	16,00
C448473	100448473	15036		Water nozzle flat type D=5.50 mm		9,00
C448679	100448679	14988		Contact sleeve for lower head	RFL 3x0/5x0	6,00
C005	100449019	14989		Same as new Nr.130003174 Wire drive roller	RFL 3x0/5x0	73,00
C449031	100449031			Nozzle D=7.0 mm	RFL 3x0/5x0	9,00
C006	100446329	15611		Same as new Nr.130003173 Wire drive roller with groove	RFL 3x0/5x0	78,00
C201	104323510	14734		Nozzle D=7.0 mm complete upper & lower	RFL 3x0/5x0	15,00
C4447530	104447530	14986		Upper current supply	RFL 3x0/5x0/100/1020	68,00
C446021	100446021	14982		Water nozzle standard type D=5.5 mm	RFL 3x0/5x0/1020/M	9,00
C542999	100542999	14735		Wire drive pulley OD=40 x ID=12 x 6.0 mmT	RFL 330F	75,00
C542999G	100542999			Wire drive pulley / Tin coating OD=40 x ID=12 x 6.0 mmT	RFL 330F	59,00
C006	130003173	15611		Wire drive pinch roller coated with groove /Right OD50 x ID8 x 24 mmT	RFL 290/3x0/5x0	78,00
C005	130003174			Wire drive pinch roller coated /Left OD50 x ID8 x 24 mmT	RFL 290/3x0/5x0	73,00
C401 C005-1	130003359	19070		Wire drive pinch roller for tim-head /Left OD50 x ID12 x 14 mmT	RFL 290/3x0/5x0	66,00

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Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C402 C006-1	130003360			Wire drive pinch roller groove for tim-head /Right OD50 x ID12 x 14 mmT	RFL 290/3x0/5x0	74,00
C003362	130003362			Contact sleeve lower head long type OD20 x ID16 x 5mmL + OD20 x ID12 x 19 mmL / Total=24 mmL	RFL x030 series	6,50
C135001012	135001012	15622		Cutter knife D=8 x 14 mm	RFL 330F/440	117,00
C434002	200434002			Support contact lower head 19 x 25 mm	RFL 230/330F/240/440	36,00
C440764	200440764			Axis for roller 204448190 & 204448200		
C440765	200440765			Ceramic roller complete 204448200 + Axis 200440764		
C440769	200440769			Derin roller complete 204448190 + Axis 200440764		
C444496	200444496			Filter canister gasket		
C4448190	204448190			Roller complete lower head delrin		
C4448200	204448200			Ceramic roller subassembly		
C448792	200448792	15868		Moving cutter tungsten carbide D=9.0 x 4.1mm		110,00
C4455850	204455850			Tapered nozzle assembly (SUS cover) D=12.30 mm		20,00
C542646	200542646	14980		Nozzle for lower head 30 x 33 mmT	RFL 230/330F	18,00
C542998	200542998	15622		New Nr. 135001012 Cutter knife D=8 x 14 mm	RFL 330F/440	117,00
C007 C001A	200630654			Current supply upper 12 x 12 x 10 mmT	RFL x030si series	28,00
C442848	442848			New Nr. 200448792 Wire cutter		

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Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C446253	100446253			Cleaning pad rubber type		
C449142	200449142	19071		Grease Blasolube 301 900g can		
C002	806549			Current supply tungsten carbide round type lower D=25 mm	RFL x00 series	24,00

List of Filters

Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
BJ-FL-5	249246			Oil filter cartridge for Erosion EDM - Layer type	Roboform series	
C340820	100340820	16148		Micro Filter cartridge 5 micron D=60 x 280 mmL	Robofil series	
W-15190/16	100343117			Water filter cartridge 5 micron	Robofil series	
C8626140	108626140			Generator air filter 315 x 450 x 20 mm	RFL 310/510	
C8626260	108626260			Air filter 275 x 500 x 20 mm	Roboform series	
C8732900	108732900			Air filter generator door 210 x 275 x 20 mm	RFL 510 series	
C992004	200992004			Generator air filter 373 x 497 x 20 mm	Roboform100 series Robofil 310 series	
C992007	200992007			Generator air filter 248 x 497 x 20 mm	RFL x020 series	

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List of Injection chamber parts

Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C432545	100432545			Sleeve nut for upper wire guide without AWT-option ID=2.5 mm	RFL 300/310/500/510	
C444744	100444744			Sleeve nut for upper wire guide with AWT-option ID=3.4 mm	RFL 290/3x0/5x0/1020	
C444760	100444760			Stainless nut for lower wire guide ID=1.6 mm	RFL 290/3x0/5x0/1020	89,00
C442870	200442870			Sleeve nut for upper wire guide ID=3.5 mm	RFL x00/x030 series	
C442871	200442871			Sleeve nut for lower wire guide ID=1.6 mm	RFL x00/x030 series	
C448671	200448671			Sleeve nut for lower wire guide ID=1.7 mm	RFL 1020/1020.1/x030	
C448672	200448672			Sleeve nut for upper wire guide ID=3.5 mm	RFL 1020/1020.1/x030	
C542918	200542918			Sleeve nut upper wire guide ID=3.5 mm	RFL 230/330F	
C4329070	104329070			Injection chamber upper complete	RFL 310/510 series	
C4329080	104329080			Injection chamber upper complete	RFL 310/510 series	
C4329690	104329690			Injection chamber lower empty without AWT-option	RFL 290/310/510 series Only upper for RFL 300/500	720,00
C4329700	104329700			Injection chamber upper empty with AWT-option	RFL 290/330/310/510/230 series	685,00
C4312140	204312140			Injection chamber lower empty	RFL x00 series	
C4312150	204312150			Injection chamber upper empty	RFL x00 series	
C4487120	204487120			Injection chamber lower empty	RFL 1020/1020.1	
C4489700	204489700			Injection chamber upper empty with fine wire option	RFL 1020/1020.1/x030si	

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Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C6401090	206401090			Injection chamber lower empty	RFL 1020/1020.1/x030si	
C4335890	4335890			Injection chamber upper complete	RFL 1020/1020.1	
C4335900	4335900			Injection chamber lower complete	RFL 1020/1020.1	
	200641008					
	542917			Nozzle upper had		60,00
	441279					20,00
	447975					19,50
	999065					118,00
	441423					48,00
	447946					22,00
	444735			Upper current supply		160,00
	342166			Power feed contact		98,00

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Drahttransportbänder						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C522	100446880	18670		Belt for spool drive 20 x 400 mm	RFL 290/310/510	18,00
C521	100447506	16318		Brake belt /black & pleat 20 x 640 mm	RFL 290/x10/330F/230/x020	j
C340780	200340780			Wire driving belt 15 x 450 mm	CH452/552	5,00
C507	200340781			Conveyer belt 15 x 3000 mm		13,00
C501	200341182			Conveyer belt 15 x 3050 mm		15,00
C502	200341253			Conveyer belt 15 x 3250 mm		15,00
C503	341373			Conveyer belt 15 x 3350 mm		16,00
C504	341403			Conveyer belt 15 x 4580 mm		18,00
C505	341404			Conveyer belt 15 x 5180 mm		20,00
C506	341408			Conveyer belt 15 x 3100 mm		15,00
C508	341805			Conveyer belt 15 x 3150 mm		15,00
C509	341806			Conveyer belt 15 x 3300 mm		16,00
C510	200342211			Conveyer belt 15 x 5040 mm	CH452	20,00
C511	200342212			Conveyer belt 15 x 5450 mm	CH552	22,00
C342403	342403			Conveyer belt L=4580 mm		18,00
C342404	342404			Conveyer belt L=5180 mm		20,00













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Drahttransportbänder						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C441949	200441949			High performance flat belt 15 x 3090 mm	RFL 200	
C512	200440864			Conveyer belt 15 x 3030 mm	RFL 200	14,00
C513	200441192			Conveyer belt 15 x 3545 mm	RFL 400/600	17,00
C514	200442546			Conveyer belt 15 x 2600 mm	RFL 100	12,00
C442937	200442937			Wire conveyer belt for brake 20 x 730 mm	RFL 200	7,00
C515	200442938			Wire conveyer belt for brake 20 x 690 mm	RFL 100/400/600	6,00
C519	200445231			Belt for motor wire drive 20 x 540 mm	RFL 290/310/510	
C517	200447768			Wire evacuation belt - one side black 20 x 5250 mm	RFL x000/x020 series	
C520	200447769			Conveyer belt -one side black 20 x 720 mm	RFL x020	7,00
C518	200447805			Belt for spool drive - one side black 20 x 485 mm	RFL x000/x020 series	5,00
C516	200447806			Brake belt /black & pleat 20 x 675 mm	RFL x000/x020 series	6,00
C542408	200542408			Brake belt /black & pleat 20 x 750 mm	RFL x020/x030 series	
C640664	200640664			Conveyer belt - one side black 20 X 3520 mm	RFL 2030si	
C640665	200640665			Conveyer belt - one side black 20 X 4060 mm	RFL 4030si/6030si	

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Kabel						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C432528	100432528			Machining cable lower LG. 1100 mm	RFL 290/3x0	
C448008	100448008			New Nr. 942007 Grounding cable LG. 15 x 200 mm	RFL 290/x10	
C448328	100448328			Grounding cable LG. 15 x 500 mm	RFL 290/x10/500/510	
C942007	100942007			Grounding cable LG. 15 x 200 mm	RFL 290/x10	
C942008	100942008			Grounding cable 15 x 300 mm	RFL 290/x10/300	
C330790	200330790			Ground cable upper & lower LG. 530 mm	RFL 100	
C330791	200330791			Ground cable LG. 750 mm	RFL 200	
C430998	200430998			Ground cable LG. 650 mm	RFL 200	
C430999	200430999			Ground cable LG. 850 mm	RFL 400	
C431213	200431213			Power supply cable LG. 950 mm	RFL 600	
C431376	200431376			Power supply cable LG. 1200 mm	RFL 600	
C431870	200431870			Ground cable lower LG. 800 mm	RFL 600/6020	
C431871	200431871			Ground cable lower LG. 450 mm	RFL 2000/2020/100	
C433309	200433309			Ground cable upper LG. 2000 mm	RFL 5x0	
C433310	200433310			Ground cable lower LG. 1450 mm	RFL 5x0	
C433564	200433564			Braid lower LG. 500 mm	RFL 1020/2020/2030	

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Kabel						
Ref. Nr	Teile-Nr.	Art.-Nr	Bild	Beschreibung	Anwendung	Preis/EURO
C942009	200942009			Grounding cable 15 x 500 mm	RFL 2020/x030	
C4454940	204454940			Ground cable upper-left LG. 950 mm		
C4454950	204454950			Ground cable upper-right LG. 700 mm		
C4454960	204454960			Ground cable upper-left LG. 1150 mm		
C4454980	204454980			Ground cable		
C4454990	204454990			Ground cable		
C4462160	204462160			Ground cable upper-left LG. 950 mm	RFL 1020/2020/2030	
C4462170	204462170			Ground cable upper-right LG. 700 mm	RFL 1020/2020/2030	
C4462180	204462180			Ground cable upper-left LG. 1150 mm	RFL 4020	
C4462190	204462190			Ground cable upper-right LG. 875 mm	RFL 4020	
C4462200	204462200			Ground cable upper-left LG. 1280 mm	RFL 6020	
C4462210	204462210			Ground cable upper-right LG. 1030 mm	RFL 6020	