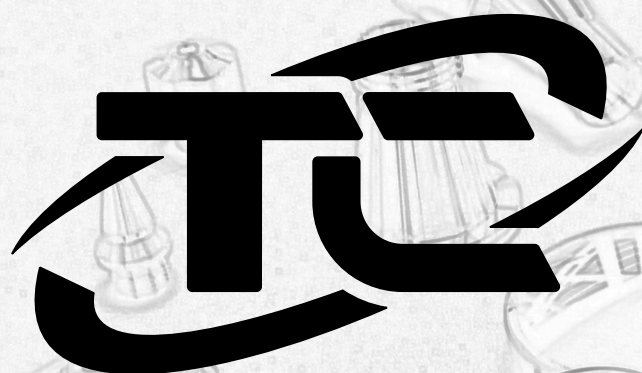
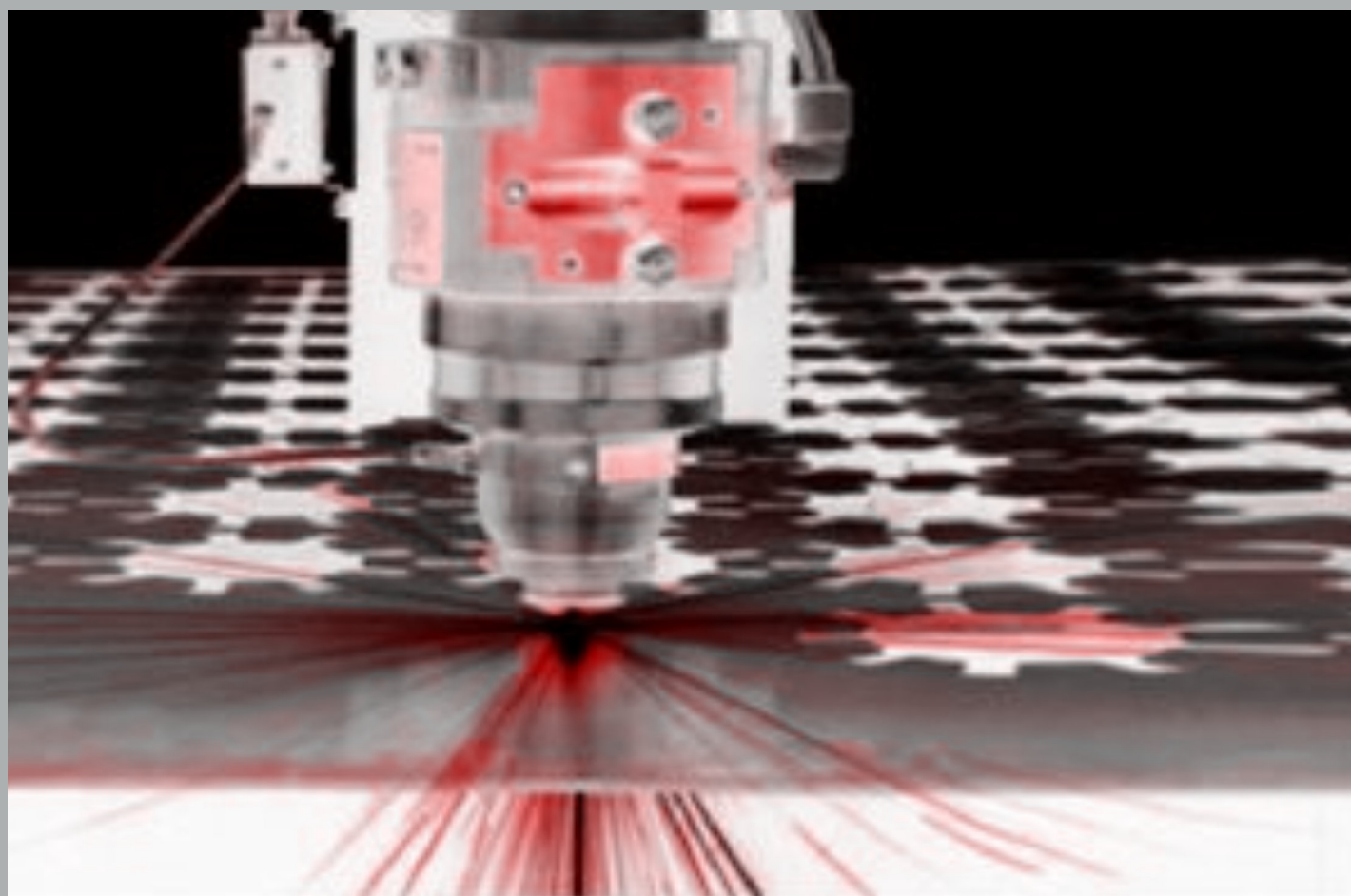




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Recambios y Componentes Láser

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AMADA® NOZZLES

Double Nozzle ECO CUT	Double Nozzle WACS	Nozzle ECO CUT	Double Nozzle Special Chrome CLEAN CUT	Double Nozzle Special Chrome CLEAN CUT	Double Nozzle Special Chrome CLEAN CUT
					
1AF114 Ø1.4E	1AF314 Ø1.4W	1AF124 ØS1.4	1AF025 Ø2.5CC	1AF250 Ø5.0OCC	1AF215 Ø1.5
1AF125 Ø2.5	1AF317 Ø1.7W	1AF115 ØS1.5	1AF240 Ø4.0CC	1AF260 Ø6.0OCC	1AF220 Ø2.0
1AF131 Ø3.0	1AF320 Ø2.0W	1AF120 ØS2.0		1AF270 Ø7.0OCC	1AF225 Ø2.5
1AF140 Ø4.0	1AF325 Ø2.5W	1AF130 ØS3.0			1AF230 Ø3.0
	1AF340 Ø4.0W				
	1AF350 Ø5.0W				

Double Nozzle	Nozzle WACS	Nozzle ECO CUT	Double Nozzle SC SILKY CUT	Double Nozzle AL CC	Double Nozzle
					
1AF141 Ø4.0AL	1AF312 ØS1.2W	1AF112 ØS1.2E	1AF271 Ø7.0	1AF272 Ø7.0	1AF420 Ø2.0F
					1AF425 Ø2.5F

Nozzle Type "S" FE	Fiber Nozzle Type "S" FE	Fiber Nozzle Type "S" FE w/Collar	Double Nozzle w/Holes	Double Nozzle w/Holes	Fiber Nozzle
					
1AF408 Ø0.8	1AF508 Ø0.8	1AF508C Ø0.8	1AM113 Ø1.4	1AM250 Ø2.5	1AF513 Ø1.2FE
1AF410 Ø1.0	1AF510 Ø1.0	1AF510C Ø1.0	1AM117 Ø1.7	1AM240 Ø4.0	
1AF412 Ø1.2	1AF512 Ø1.2	1AF512C Ø1.2	1AM120 Ø1.2		
1AF414 Ø1.4	1AF514 Ø1.4	1AF514C Ø1.4	1AM125 Ø2.5		
	1AF517 Ø1.7	1AF517C Ø1.7	1AM140 Ø4.0		
	1AF520 Ø2.0	1AF520C Ø2.0	1AM150 Ø5.0		

Nozzle	Nozzle Adaptor 9AM420	Nozzle Adaptor 9AF201	Inner Part 9AF204	Teflon Holder 9AF200
				
1AF720 Ø2.0	Ref. 71502036	Ref. 71712350	Ref. 71716438	Ref. 7973497
		Ref. 7973459	Ref. 71798350	Ref. 71712349
			Ref. 71563339	

AMADA®

AMADA® NOZZLES & SPARE PARTS

F/O Nozzle	Double F/O Nozzle	Nozzle Type "S"	Nozzle	Double Nozzle	Double Nozzle
					
1AM750 Ø0.8	1AM978 Ø1.2	1AM808V Ø0.8	1AM108 Ø0.8	1AM114 Ø1.4	1AM164 Ø4.0
1AM751 Ø1.0	1AM754 Ø1.4	1AM810V Ø1.0	1AM110 Ø1.0		1AM165 Ø5.0
1AM755 Ø1.2	1AM817 Ø1.7	1AM812V Ø1.2	1AM112 Ø1.2		1AM166 Ø6.0
1AM982 Ø1.4	1AM825 Ø2.0	1AM814V Ø1.4			
1AM757 Ø1.5	1AM826 Ø2.5	1AM815V Ø1.5			
1AM717 Ø1.7	1AM980 Ø3.0	1AM817V Ø1.7			
1AM983 Ø2.0	1AM981 Ø4.0	1AM820V Ø2.0			
1AM988 Ø2.5	1AM986 Ø5.0	1AM823V Ø2.3			
1AM984 Ø3.0	1AM987 Ø6.0	1AM830V Ø3.0			
1AM985 Ø4.0					

Nozzle	Double Nozzle	Double Nozzle
		
1AM467 Ø1.0	1AM736P Ø1.0	1AM410P Ø1.0
1AM769 Ø1.2	1AM737P Ø1.2	1AM412P Ø1.2
1AM371 Ø1.5	1AM738P Ø1.5	1AM414P Ø1.4
1AM385 Ø2.0	1AM439P Ø2.0	1AM739P Ø1.5
1AM608 Ø2.5	1AM485P Ø2.5	1AM417P Ø1.7
1AM386 Ø3.0	1AM438P Ø3.0	1AM422P Ø2.0
1AM638 Ø3.5	1AM437P Ø3.5	1AM430P Ø2.5
1AM639 Ø4.0	1AM500P Ø4.0	1AM429P Ø3.0
		1AM431P Ø3.5
		1AM933P Ø4.0

Insulating Vespel Ring 5AM304	Insulating Cermic Ring 5AB304	Insulating Disc 5AM305	Insulating Disc 5AM310	Scale Loupe Focus Centering 9AB024
				
Ref. 71341614	Ref. 5AB304	Ref. 71341614A	Ref. 5AM310	Ref. 9AB024
O-Ring Water-Head Nozzles 5AM424	O-Ring 5AM230	Guard Ring 5AM472	Guard Nut 9AM679	Outer Nozzle Water-Head 9AM423
				
Ref. 71366453	Ref. 71366453	Ref. 71366437	Ref. 71366438	Ref. 71366452

AMADA® LENS, SPARE PARTS & MAINTENANCE

FO	FO NT	F1
		
Lens Mount Ø1.5" FL5" / FL7.5" 9AM879	Lens Mount FL5" 9AM219	Lens Mount FL7.5" 9AM075
	Lens Mount FL7.5" 9AM220	

	
Lens P/CX FL5.0" Ø1.5" ET 7.6mm	Lens P/CX FL5.0" Ø2.0" ET 9.6mm
Lens P/CX FL7.5" Ø1.5" ET 7.6mm	Lens P/CX FL7.5" Ø2.0" ET 9.6mm

Head Plug Sensor Cable 9AM099 	Sensor Cable HS 15 9AM015 	Sensor Cable 9AM09 
Ref. 71341630	Ref. 71398965	Ref. 71341630
	Ref. 71341901	

Leybold Vacuum Filter 9AM816 	Fanuc Turbine Liquid 200ml. 9AM101/ *Compatible Version 9AB101 	SA-H Vacuum Pump 2lt. 9AB099 
Ref. A98L-0001-911	Ref. A04B-0800-K329-1	Ref. A98L-0040-0093
Ref. 74363236	Ref. 71220332	

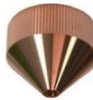


On request we can supply bellows for Amada Lasers

Bajo petición podemos suministrar fuelles para Láser Amada

Nozzle	HV Nozzle	HV Nozzle	Nozzle W/Radius	Nozzle 8 Holes	Nozzle 24 Holes
					
1AM415 Ø1.5	1AM211 Ø1.0	1AM317 Ø1.7	1AM313 Ø1.0	1AM517 Ø1.5	1AM518 Ø1.5
1AM417 Ø1.7	1AM226 Ø2.5			1AM519 Ø2.0	1AM521 Ø2.0
1AM420 Ø2.0	1AM231 Ø3.0				
1AM425 Ø2.5					
1AM430 Ø3.0					
1AM435 Ø3.5					
1AM232 Ø4.0					

HV Nozzle W/Radius	Outer Nozzle
	
1AM311 Ø1.2	1AM302 Ø1.7
	1AM303 Ø2.0
	1AM304 Ø2.5
	1AM305 Ø3.0
	1AM306 Ø4.0

Nozzle Nut H. 15mm 9AM200	Nozzle Nut Fast Ø1.7 1AM217	Shield Cup H. 22.9mm 9AM522	Outer Nozzle 9AM266	Outer Nozzle Ø4.0 1AM270	Compatible Nozzle Holder 5AM299V
					
Ref. BQ933D94H01	Ref. BQ023D020H01	Ref. BQ933D221H04	Ref. BQ933D044H01	Ref. 71802197	Ref. 5AM299V
Ref. Amada 71800026	Ref. Amada 7180015400	Ref. Amada 71800027	Ref. Amada 71800101		

O-Ring Nozzle 5OR333	Pin 9AF203	Screw for Head 9AM019	Breakaway Pin 9AM018	
				
Ref. 5OR333	Ref. 71712344	Ref. 71800008	Ref. 71800009	Lens P/CX FL5.0" Ø1.5"
				Lens P/CX FL7.5" Ø1.5"
				Lens Clear Magic P/CX FL5.0" Ø1.5"
				Lens Clear Magic P/CX FL7.5" Ø1.5"

Nozzle 2D	Nozzle 2D HP	Nozzle TAK KN	Tapered Nozzle Tip	Nozzle Con. STD	Nozzle TLC 105
					
1TF544 Ø1.0	1TF402 Ø0.8	1TF681 Ø1.0	1TF420 Ø1.0	1TF553 Ø1.0	1TF514 Ø1.4
1TF883 Ø1.2	1TF403 Ø1.0	1TF688 Ø1.2	1TF419 Ø1.4	1TF379 Ø1.4	1TF517 Ø1.7
1TF211 Ø1.5	1TF412 Ø1.2	1TF703 Ø1.5	1TF364 Ø1.7	1TF551 Ø1.7	
1TF557 Ø1.7	1TF404 Ø1.4	1TF725 Ø1.8			
1TF558 Ø2.0	1TF676 Ø1.7	1TF767 Ø2.0			
1TF223 Ø2.3	1TF882 Ø2.3				
1TF555 Ø3.0					

Nozzle TLC 1005

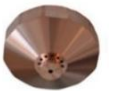
1TF975 Ø0.8
1TF366 Ø1.0
1TF362 Ø1.2
1TF367 Ø1.4
1TF977 Ø1.7
1TF978 Ø2.0
1TF976 Ø2.3

	
Lens P/MN FL5.0" Ø1.5" Ref. 088114	Lens P/MN FL5.0" Ø1.5" Black Magic
Lens P/MN FL7.5" Ø1.5" Ref. 097517	Lens P/MN FL7.5" Ø1.5" Black Magic

Ceramic Part 5AB936678	Scale Loup Focus Centering 9AB024	Sensor Cable 190mm 9TF694
		
Ref. 936678	Ref. 9AB024	Ref. 245288

Sensor Body M1.5" KN	Ceramic Part Precitec M1.5" KN	Seal Ceramic Part M1.5" KN	Nut Ceramic KN
			
Ref. P0494-756-Q0001	Ref. P0494-752-00001	Ref. P0494-758-00001	Ref. P0494-940-00001

TRUMPF® 2D NOZZLES

Nozzle EAA	Nozzle EAA Double	Nozzle W/Radius	Nozzle EAQ Double	Nozzle EFL
				
1TF908 Ø0.8	1TF308 Ø0.8	1TF008 Ø0.8	1TF760 Ø6.0	1TF714 Ø1.4
1TF910 Ø1.0	1TF310 Ø1.0	1TF010 Ø1.0	1TF775 Ø7.5	1TF717 Ø1.7
1TF912 Ø1.2	1TF312 Ø1.2	1TF012 Ø1.2	1TF795 Ø9.5	1TF720 Ø2.0
1TF914 Ø1.4	1TF314 Ø1.4	1TF014 Ø1.4		1TF723 Ø2.3
1TF917 Ø1.7	1TF317 Ø1.7	1TF017 Ø1.7		
1TF920 Ø2.0	1TF320 Ø2.0	1TF020 Ø2.0		
1TF923 Ø2.3	1TF322 Ø2.3	1TF023 Ø2.3		
1TF927 Ø2.7	1TF327 Ø2.7	1TF027 Ø2.7		

E.C.E. Nozzle	E.C.E. Chromed Nozzle
	
1TF037 Ø0.8	1TF037T Ø0.8
1TF038 Ø1.0	1TF038T Ø1.0
1TF786 Ø1.2	1TF786T Ø1.2
1TF121 Ø1.4 int. Cil.	1TF121T Ø1.4 int. Cil.
1TF046 Ø1.4 int. V	1TF046T Ø1.4 int. V
1TF125 Ø1.5	1TF125T Ø1.5
1TF047 Ø1.7 HD	1TF047T Ø1.7 HD
1TF126 Ø2.0	1TF126T Ø2.0
1TF123 Ø2.0 HD	1TF123T Ø2.0 HD
1TF128 Ø2.3	1TF128T Ø2.3
1TF127 Ø2.3 HD	1TF127T Ø2.3 HD
1TF745 Ø2.7	1TF745T Ø2.7
1TF880 Ø3.0	1TF880T Ø3.0
1TF124 Ø3.0 HD	1TF124T Ø3.0 HD

TRUMPF® DIAS III LASERS SYSTEMS

Ceramic Part 5AB400 	Teflon Cover 9TF409 	Teflon Cover 9TF306 
Ref. 260432	Ref. 256153	Ref. 254496

Breakaway Nut 9TF724 	Genuine Cartridge Water Filter 9TF0146152 *Compatible Version 9AB0146152 	Panel Filter 9AB600 
Ref. 234485	Ref. 146152	Ref. 0345064
	Ref. 9AB0146152	

Teflon Seal 5TF410 	Repair Service DIAS III Sensor 	NALCO Additive Set 9TF370000 
Ref. 135140		Ref. 370000

Scale Loupe Focus Centering 9AB024 	Easy Kit 9TF2605 	Easy Kit 9TF3112 
Ref. 9AB024	Ref. 1652605	Ref. 1653112

	
Lens P/MN FL5.0" Ø1.5" Ref. 088114	Lens P/MN FL5.0" Ø1.5" Black Magic
Lens P/MN FL7.5" Ø1.5" Ref. 097517	Lens P/MN FL7.5" Ø1.5" Black Magic



On request we can supply bellows for Trumf Lasers
 Bajo petición podemos suministrar fuelles para Láser Trumf

Teflon Cover 9TF042 	Teflon Cover 9TF408 	Teflon Seal 5TF410 
Ref. 216065	Ref. 225286	Ref. 135410

Genuine Ceramic Part 5TF128 *Compatible Ceramic Part 5AB128 	Genuine Cartridge Water Filter 9TF0146152 *Compatible Version 9AB0146152 	Panel Filter 9AB600 
Ref. 258809	Ref. 146152	Ref. 0345064
Ref. 5AB128	Ref. 9AB0146152	

Nut for Ceramic Part 4TF2112 	Breakaway Nut 9TF724 	Sensor Cable 9TF690 
Ref. 216066	Ref. 234485	Ref. 85869

Nalco Additive Set 9TF370000 	Scale Loupe Focus Centering 9AB024 	Easy Kit 9TF2605 	Easy Kit 9TF3112 
Ref. 370000	Ref. 9AB024	Ref. 1652605	Ref. 1653112

	
Lens P/MN FL5.0" Ø1.5" Ref. 088114	Lens P/MN FL5.0" Ø1.5" Black Magic
Lens P/MN FL7.5" Ø1.5" Ref. 097517	Lens P/MN FL7.5" Ø1.5" Black Magic



On request we can supply bellows for Trumpf Lasers
 Bajo petición podemos suministrar fuelles para Láser Trumpf

Ceramic Part 5AB971 	Ceramic Part Auto Nozzle Exchange 5AB55673 
Ref. 1349171	Ref. 1755673

Cleaning Maintenance Optic Kit 9AB666 	Cleaning Maintenance Protection Glass Kit 9AB667 	Protection Glass Fiber 9AB4767 
Ref. 9AB666	Ref. 9AB667	Ref. 1614767

	
Lens P/MN FL130" Ø40" Ref. 0380117	Lens P/MN FL130" Ø40" Ref. 1772319 with Chip
Lens P/MN FL250" Ø40" Ref. 0380115	Lens P/MN FL250" Ø40" Ref. 1770805 with Chip
Lens P/MN FL175" Ø50"	Lens P/MN FL175" Ø50 Ref. 1330448 with Chip
Lens P/MN FL250" Ø50"	Lens P/MN FL250" Ø50 Ref. 1330443 with Chip
Lens P/MN FL155" Ø40 Ref. 1383925	Lens P/MN FL170" Ø50" with Chip

Spherical-Tip H Nozzle	Conical-Tip H Nozzle	HK Nozzle	HK Chromed Nozzle	NK Nozzle	NK Chromed Nozzle
					
1BS035 Ø0.8 H	1BS172 Ø1.0 H	1BS024 Ø0.8	1BS024T Ø0.8	1BS730 Ø1.0	1BS730T Ø1.0
1BS031 Ø1.0 H	1BS020 Ø1.2 H	1BS028 Ø1.0	1BS028T Ø1.0	1BS731 Ø1.2	1BS731T Ø1.2
1BS033 Ø1.2 H	1BS023 Ø1.5 H	1BS032 Ø1.2	1BS032T Ø1.2	1BS777 Ø1.5	1BS777T Ø1.5
1BS030 Ø1.5 H	1BS248 Ø1.7 H	1BS025 Ø1.5	1BS025T Ø1.5	1BS732 Ø1.7	1BS732T Ø1.7
1BS034 Ø1.7 H	1BS164 Ø2.0 H	1BS144 Ø1.7	1BS144T Ø1.7	1BS733 Ø2.0	1BS733T Ø2.0
1BS040 Ø2.0 H	1BS168 Ø2.3 H	1BS163 Ø2.0	1BS163T Ø2.0	1BS734 Ø2.5/1.5	1BS734T Ø2.5/1.5
1BS041 Ø2.5 H	1BS165 Ø2.5 H	1BS154 Ø2.5	1BS154T Ø2.5	1BS734/20 Ø2.5/2.0	1BS734/20T Ø2.5/2.0
1BS042 Ø3.0 H		1BS345 Ø3.0	1BS345T Ø3.0	1BS826 Ø3.0/2.0	1BS826T Ø3.0/2.0
		1BS772 Ø3.5	1BS772T Ø3.5	1BS826/20 Ø3.0/2.0	1BS826/20T Ø3.0/2.0
		1BS773 Ø4.0	1BS773T Ø4.0	1BS827 Ø3.5	1BS827T Ø3.5

Spherical-Tip Nozzle	Conical-Tip Nozzle	K Nozzle	K Chromed Nozzle	HK Nozzle Autom. Exchange	NK Nozzle Autom. Exchange
					
1BS208 Ø0.8	1BS308 Ø0.8	1BS027 Ø0.8	1BS027T Ø0.8	1BS408 Ø0.8	1BS510 Ø1.0/15
1BS026 Ø1.0	1BS364 Ø1.0	1BS160 Ø1.0	1BS160T Ø1.0	1BS410 Ø1.0	1BS512 Ø1.2/15
1BS029 Ø1.2	1BS167 Ø1.2	1BS143 Ø1.2	1BS143T Ø1.2	1BS412 Ø1.2	1BS515 Ø1.5/15
1BS157 Ø1.5	1BS021 Ø1.5	1BS153 Ø1.5	1BS153T Ø1.5	1BS415 Ø1.5	1BS517 Ø1.7/15
1BS158 Ø1.7	1BS317 Ø1.7	1BS142 Ø1.7	1BS142T Ø1.7	1BS417 Ø1.7	1BS520 Ø2.0/15
1BS159 Ø2.0	1BS320 Ø2.0	1BS156 Ø2.0	1BS156T Ø2.0	1BS420 Ø2.0	1BS525 Ø2.5/15
1BS161 Ø2.5		1BS406 Ø2.5	1BS406T Ø2.5	1BS425 Ø2.5	1BS525/20 Ø2.5/20
		1BS977 Ø3.0	1BS977T Ø3.0	1BS430 Ø3.0	1BS530 Ø3.0/17
				1BS435 Ø3.5	1BS530/20 Ø3.0/20
					1BS535/30 Ø3.5/30

BYSTRONIC® BYLAS LASER

Brass Screw 9BS018 	Insulating Ceramic 5BS200 	Protection Disc 9BS904 
Ref. 4-00324	Ref. 4-01642	Ref. 3-03663-C

Male Water Connector Head 9BS207 	Female Water Connector Head 9BS208 	Screw Kit for Signboard (3pcs.) 9BS911 
Ref. 7023207	Ref. 7023208	Ref. 9BS911

Nozzle Holder 9BS993 	Teflon Disc 5BS905 	Conical Ceramic 5BS201 
Ref. 3-02291	Ref. 3-039663-T	Ref. 4-01959

Mechanical Feeler 2X Threaded Holes 9BS029 	Brass Pin 9BS298 	Knurled Screw 9BS297 
Ref. 2-01262	Ref. 4-03137	Ref. 4-03136

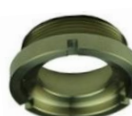
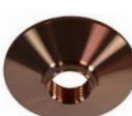
Scale Loupe Focus Centering 9AB024 	Maintenance Kit 2000H Leybold 300 9BS925 	Repair Service on Bystronic Head 
Ref. 9AB024	Ref. 9BS925	

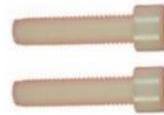
	
Lens FL5.0" Ø1.5" Ref. 4-00186	Lens FL5.0" Ø1.5" Black Magic
Lens FL7.5" Ø1.5" Ref. 4-00187	Lens FL7.5" Ø1.5" Black Magic



Insulating Ceramic 5BS200	Conical Ceramic 5BS201	Insulating Ceramic 5BS838	Insulating Ceramic 5BS202	Complete Protection Disc 9BS903
				
Ref. 4-01642	Ref. 4-01959	Ref. 10032838	Ref. 4-09010	Ref. 3-06035

Nozzle Body 9BS260	Nozzle Body 9BS763	Nozzle Body 9BS030	Nozzle Body 9BS032	Nozzle Body 9BS031
				
Ref. 3-05497	Ref. 2-08701	Ref. 10032930	Ref. 10034061	Ref. 10064099

Fastening Nut 9BS790	Fastening Nut 9BS839	Protection Shield 9BS765	Cross Jet Screw 9BS881	Connector Male 9BS207	Connector Female 9BS208
					
Ref. 3-11071	Ref. 10032839	Ref. 2-08700	Ref. 9BS881	Ref. 7023207	Ref. 7023208

Brush for Nozzle 9BS882	Plastic Screws for Brush (2pcs) 9BS883
	
Ref. 2-06511	Ref. 333884

	
Lens P/MN FL5.0" Ø1.5" Ref. 4-05094	Lens FL5.0" Ø1.5" Black Magic Ref. 4-07475
Lens P/MN FL7.5" Ø1.5" Ref. 4-05095	Lens FL7.5" Ø1.5" Black Magic Ref. 4-07476
Lens MP5 FL5.0" Ø1.5" Ref. 4-07475	
Lens MP5 FL7.5" Ø1.5" Ref. 4-07476	

BYSTRONIC® BYSPEED LASER

Ceramic Part 5BS901 	Ceramic Part 5BS900 	Screw 9BS906 
Ref. 3-13113-1	Ref. 3-13422	Ref. 4-04976

Nozzle Body 9BS992 	Proteccion Nut 9BS907 	Scale Loupe Focus Centering 9AB024 
Ref. 2-10837	Ref. 3-13110	Ref. 9AB024

Brush for Nozzle 9BS882 	Plastic Screws for Brush (2 pcs) 9BS883 	Cleaning Maintenance Optic Kit 9AB666 
Ref. 2-06511	Ref. 333884	Ref. 9AB666

		
Lens MP5 FL5.0" Ø1.5" Ref. 4-07475	Lens FL5.0" Ø1.5" Black Magic Ref. 4-07475	Lens Stress Visualizer 9AB015 Ref. 9AB015
Lens MP5 FL7.5" Ø1.5" Ref. 4-07476	Lens FL7.5" Ø1.5" Black Magic Ref. 4-07476	



On request we can supply bellows for Bystronic Lasers
Bajo petición podemos suministrar fuelles para Láser Bystronic

Protection Glass Fiber 9AB2851 	Cleaning Maintenance Kit Protection Glass 9AB667 	Scale Loupe Focus Centering 9AB024 
Ref. 10045746	Ref. 9AB667	Ref. 9AB024

Cleaning Papers 9IF150 	Cleaning Sticks (50 pcs) 9AB316 	Isopropyl Alcohol 9AB376 
Ref. 9IF150	Ref. 9AB316	Ref. 9AB376

Mocap Sticker Set Outlet Covering 9NP042 	Dust Remove 9AB664 
Ref. PBVM0-042-878K	Ref. 9AB664

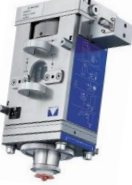
Laser Protection Glasses Fiber 9UN674 	Laser Protection Glasses Fiber Profesional Service 9UN675 
Ref. 9UN674	Ref. 9UN675

FIBER LASERS

Procutter Head	HP SSL Head	Light Cutter Head
		
Adige-Danobat-Ermaksan	Adige-Cutlite Penta-Danobat-Ermaksan-LVD	

Sensor Insert SE HC	Sensor Insert DZ/S
	
Ref. P0464-200-00001	Ref. P0380-130-00001
Salvagnini Lasers	Salvagnini Lasers

CO₂ LASERS

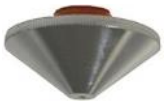
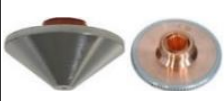
HP 1.5" Head	HP 1.5" M Head	M 1.5" KN Head
		
Adige-Cutlite Penta-Tecnimetal	Adige-Adira-Balliù-Cutlite Penta-SHT	Adige-Cutlite Penta

DS 1.5" Head	M 1.5" DXN Head
	
Adige LT8	Adige-Balliù

Sensor Insert SE HC	Sensor Insert DZ/S
	
Ref. P0464-200-00001	Ref. P0380-130-00001
Salvagnini Lasers	Salvagnini Lasers

PRECITEC® NOZZLES

PRECITEC®

Precitec® HP/N Nozzle 	Compatible HP/N Nozzle 	Compatible HP/N Chromed Nozzle 	Precitec® Double HP/N Nozzle 	Compatible Double HP/N Nozzle 	Compatible Double Chromed HP/N Nozzle 
1NP308 Ø0.8	1AS308 Ø0.8	1AS308T Ø0.8	1NP944 Ø1.0	1AS944 Ø1.0	1AS944T Ø1.0
1NP381 Ø1.0	1AS381 Ø1.0	1AS381T Ø1.0	1NP940 Ø1.2	1AS940 Ø1.2	1AS940T Ø1.2
1NP382 Ø1.2	1AS382 Ø1.2	1AS382T Ø1.2	1NP941 Ø1.5	1AS941 Ø1.5	1AS941T Ø1.5
1NP383 Ø1.5	1AS383 Ø1.5	1AS383T Ø1.5	1NP946 Ø1.8	1AS946 Ø1.8	1AS946T Ø1.8
1NP396 Ø1.8	1AS396 Ø1.8	1AS396T Ø1.8	1NP942 Ø2.0	1AS942 Ø2.0	1AS942T Ø2.0
1NP397 Ø2.0	1AS397 Ø2.0	1AS397T Ø2.0	1NP947 Ø2.3	1AS947 Ø2.3	1AS947T Ø2.3
1NP414 Ø2.5	1AS399 Ø2.3	1AS399T Ø2.3	1NP943 Ø2.5	1AS943 Ø2.5	1AS943T Ø2.5
1NP640 Ø3.0	1AS414 Ø2.5	1AS414T Ø2.5	1NP950 Ø3.0	1AS950 Ø3.0	1AS950T Ø3.0
1NP826 Ø4.0	1AS641 Ø2.75	1AS641T Ø2.75	1NP680 Ø3.5	1AS680 Ø3.5	1AS680T Ø3.5
1NP642 Ø5.0	1AS640 Ø3.0	1AS640T Ø3.0		1AS951 Ø4.0	1AS951T Ø4.0
	1AS825 Ø3.5	1AS825T Ø3.5		1AS952 Ø4.5	1AS952T Ø4.5
	1AS826 Ø4.0	1AS826T Ø4.0		1AS953 Ø5.0	1AS953T Ø5.0
	1AS712 Ø4.5	1AS712T Ø4.5			
	1AS642 Ø5.0	1AS642T Ø5.0			

Precitec® HP Nozzle 	Compatible HP Nozzle 	Compatible Double HP Nozzle 	Precitec® HP XY Nozzle 	Compatible HP XY Nozzle 
1NP345 Ø0.8	1AS345 Ø0.8	1AS848 Ø0.8	1NP515 Ø1.5	1AS510 Ø1.0
1NP010 Ø1.0	1AS346 Ø1.0	1AS840 Ø1.0	1NP518 Ø1.8	1AS512 Ø1.25
1NP015 Ø1.2	1AS015 Ø1.2	1AS842 Ø1.2		1AS515 Ø1.5
1NP148 Ø1.5	1AS148 Ø1.5	1AS845 Ø1.5		1AS518 Ø1.8
1NP151 Ø1.8	1AS151 Ø1.8			1AS520 Ø2.0
1NP152 Ø2.0	1AS152 Ø2.0			
1NP274 Ø2.5	1AS223 Ø2.3			
	1AS274 Ø2.5			
	1AS275 Ø2.7			
	1AS824 Ø3.0			

PRECITEC® NOZZLES

HP/N Shorter Nozzle H.11mm	HP Shorter Nozzle H.11mm	DXN Nozzle H.17mm	CS Nozzle	CS Double Nozzle
				
1EL710 Ø1.0	1EL475 Ø1.0	1AS108 Ø0.8	1CS110 Ø1.0	1CS310 Ø1.0
1EL712 Ø1.2	1EL476 Ø1.2	1AS328 Ø1.0	1CS112 Ø1.2	1CS312 Ø1.2
1EL715 Ø1.5	1EL477 Ø1.5	1AS140 Ø1.2	1CS115 Ø1.5	1CS315 Ø1.5
1EL718 Ø1.8	1EL815 Ø1.5 HD	1AS605 Ø1.5	1CS118 Ø1.8	1CS318 Ø1.8
1EL720 Ø2.0	1EL478 Ø1.8	1AS935 Ø1.7	1CS120 Ø2.0	1CS320 Ø2.0
1EL723 Ø2.3	1EL479 Ø2.0	1AS216 Ø2.0	1CS125 Ø2.5	1CS323 Ø2.3
1EL725 Ø2.5	1EL820 Ø2.0 HD	1AS936 Ø2.25	1CS130 Ø3.0	1CS325 Ø2.5
	1EL480 Ø2.5	1AS417 Ø2.5		1CS330 Ø3.0
	1EL825 Ø2.5 HD	1AS427 Ø2.75		1CS335 Ø3.5
	1EL430 Ø3.0 HD	1AS827 Ø3.0		

Precitec® DS Nozzle	Compatible DS Nozzle	2D KN Nozzle	3D TAK Nozzle
			
1DS010 Ø1.0	1DS112 Ø1.2	1TF544 Ø1.0	1TF681 Ø1.0
1DS012 Ø1.2	1DS115 Ø1.5	1TF883 Ø1.2	1TF688 Ø1.2
1DS015 Ø1.5	1DS118 Ø1.8	1TF211 Ø1.5	1TF703 Ø1.5
1DS018 Ø1.8	1DS120 Ø2.0	1TF557 Ø1.7	1TF725 Ø1.8
1DS020 Ø2.0	1DS125 Ø2.5	1TF558 Ø2.0	1TF767 Ø2.0
1DS025 Ø2.5		1TF223 Ø2.3	
		1TF555 Ø2.25	
		1AS417 Ø3.0	

PRECITEC®

LVD® AXEL3015L, ELIOS, ORION & IMPULS LASERS

Conical Nozzle	Conical Chromed Nozzle	Cylindrical Nozzle	Cylindrical Chromed Nozzle	Double Nozzle	Double Chromed Nozzle
					
1LV207 Ø1.0	1LV207T Ø1.0	1LV080 Ø0.8	1LV080T Ø0.8	1LV310 Ø1.0	1LV310T Ø1.0
1LV212 Ø1.2	1LV212T Ø1.2	1LV097 Ø1.0	1LV097T Ø1.0	1LV312 Ø1.2	1LV312T Ø1.2
1LV218 Ø1.5	1LV218T Ø1.5	1LV927 Ø1.2	1LV927T Ø1.2	1LV315 Ø1.5	1LV315T Ø1.5
1LV217 Ø1.7	1LV217T Ø1.7	1LV195 Ø1.5	1LV195T Ø1.5	1LV320 Ø2.0	1LV320T Ø2.0
1LV219 Ø2.0	1LV219T Ø2.0	1LV926 Ø2.0	1LV926T Ø2.0	1LV325 Ø2.5	1LV325T Ø2.5
1LV219S Ø2.0 SP	1LV265T Ø2.5	1LV220 Ø2.5	1LV220T Ø2.5	1LV330 Ø3.0	1LV330T Ø3.0
1LV223 Ø2.3	1LV266T Ø3.0	1LV221 Ø3.0	1LV221T Ø3.0	1LV330/17 Ø3.0/17	1LV335T Ø3.5
1LV265 Ø2.5	1LV235T Ø3.5			1LV335 Ø3.5	1LV340T Ø4.0
1LV265S Ø2.5 SP	1LV240T Ø4.0			1LV340 Ø4.0	
1LV266 Ø3.0					
1LV266S Ø3.0 SP					
1LV235 Ø3.5					
1LV240 Ø4.0					
1LV245 Ø4.5					
1LV250 Ø5.0					
1LV260 Ø6.0					

Double Nozzle W/Spring	Double Chromed Nozzle W/Spring
	
1LV423 Ø2.5/13	1LV423T Ø2.5/13
1LV425 Ø2.5/15	1LV425T Ø2.5/15
1LV433 Ø3.0/13	1LV433T Ø3.0/13
1LV435 Ø3.0/15	1LV435T Ø3.0/15
1LV430 Ø3.0/20	1LV430T Ø3.0/20


Lens P/M FL5.0" Ø2"
Lens P/M FL7.5" Ø2"
Lens FL10" Ø2"
Lens FL5" Ø1.75"

Insulating Ring	Union Nut	Sensor Insert DZ
		
Ref. P0492-702-00002	Ref. P0497-130-00001	Ref. P0380-110-00003
Ref. LVD 29100021		

Electrode Cable GG Z	Precitec® Insulating Part	Scale Loupe Focus Centering 9AB024
		
Ref. P0360-100-0050053	Ref. P0380-211-00001	Ref. 9AB024
	Ref. LVD 281146	



LVD

LVD® AXEL 3015S/4020S & SIRIUS LASERS

Conical Nozzle	Conical Chromed Nozzle	Cylindrical Nozzle	Cylindrical Chromed Nozzle	Double Nozzle	Double Chromed Nozzle
					
1LV207 Ø1.0	1LV207T Ø1.0	1LV080 Ø0.8	1LV080T Ø0.8	1LV310 Ø1.0	1LV310T Ø1.0
1LV212 Ø1.2	1LV212T Ø1.2	1LV097 Ø1.0	1LV097T Ø1.0	1LV312 Ø1.2	1LV312T Ø1.2
1LV218 Ø1.5	1LV218T Ø1.5	1LV927 Ø1.2	1LV927T Ø1.2	1LV315 Ø1.5	1LV315T Ø1.5
1LV217 Ø1.7	1LV217T Ø1.7	1LV195 Ø1.5	1LV195T Ø1.5	1LV320 Ø2.0	1LV320T Ø2.0
1LV219 Ø2.0	1LV219T Ø2.0	1LV926 Ø2.0	1LV926T Ø2.0	1LV325 Ø2.5	1LV325T Ø2.5
1LV219S Ø2.0 SP	1LV265T Ø2.5	1LV220 Ø2.5	1LV220T Ø2.5	1LV330 Ø3.0	1LV330T Ø3.0
1LV223 Ø2.3	1LV266T Ø3.0	1LV221 Ø3.0	1LV221T Ø3.0	1LV330/17 Ø3.0/17	1LV335T Ø3.5
1LV265 Ø2.5	1LV235T Ø3.5			1LV335 Ø3.5	1LV340T Ø4.0
1LV265S Ø2.5 SP	1LV240T Ø4.0			1LV340 Ø4.0	
1LV266 Ø3.0					
1LV266S Ø3.0 SP					
1LV235 Ø3.5					
1LV240 Ø4.0					
1LV245 Ø4.5					
1LV250 Ø5.0					
1LV260 Ø6.0					

Double Nozzle W/Spring	Double Chromed Nozzle W/Spring
	
1LV423 Ø2.5/13	1LV423T Ø2.5/13
1LV425 Ø2.5/15	1LV425T Ø2.5/15
1LV433 Ø3.0/13	1LV433T Ø3.0/13
1LV435 Ø3.0/15	1LV435T Ø3.0/15
1LV430 Ø3.0/20	1LV430T Ø3.0/20


Lens P/M FL5.0" Ø2"
Lens P/M FL7.5" Ø2"
Lens FL10" Ø2"
Lens FL5" Ø1.75"

Insulating Ring	Union Nut	Sensor Insert DXN
		
Ref. P0492-702-00002	Ref. P0497-130-00001	Ref. P0497-110-00001
Ref. LVD 29100021		

Electrode Cable GG	Precitec® Insulating Part	Scale Loupe Focus Centering 9AB024
		
Ref. P0497-002-00450	Ref. P0497-615-00001	Ref. 9AB024
	Ref. LVD 29100106S	

LVD® NOZZLES

Precitec® HP/N Nozzle	Precitec® Double HP/N Nozzle	Precitec® HP Nozzle
		
1NP308 Ø0.8	1NP944 Ø1.0	1NP345 Ø0.8
1NP381 Ø1.0	1NP940 Ø1.2	1NP010 Ø1.0
1NP382 Ø1.2	1NP941 Ø1.5	1NP015 Ø1.2
1NP383 Ø1.5	1NP946 Ø1.8	1NP148 Ø1.5
1NP396 Ø1.8	1NP942 Ø2.0	1NP151 Ø1.8
1NP397 Ø2.0	1NP947 Ø2.3	1NP152 Ø2.0
1NP414 Ø2.5	1NP943 Ø2.5	1NP274 Ø2.5
1NP640 Ø3.0	1NP950 Ø3.0	
1NP826 Ø4.0	1NP680 Ø3.5	
1NP642 Ø5.0		

Compatible HP/N Nozzle	Compatible HP/N Chromed Nozzle	Compatible Double HP/N Nozzle	Compatible Double HP/N Chromed Nozzle	Compatible HP Nozzle	Compatible Double Chromed HP Nozzle
					
1AS308 Ø0.8	1AS308T Ø0.8	1AS944 Ø1.0	1AS944T Ø1.0	1AS345 Ø0.8	1AS848 Ø0.8
1AS381 Ø1.0	1AS381T Ø1.0	1AS940 Ø1.2	1AS940T Ø1.2	1AS346 Ø1.0	1AS840 Ø1.0
1AS382 Ø1.2	1AS382T Ø1.2	1AS941 Ø1.5	1AS941T Ø1.5	1AS015 Ø1.2	1AS842 Ø1.2
1AS383 Ø1.5	1AS383T Ø1.5	1AS946 Ø1.8	1AS946T Ø1.8	1AS148 Ø1.5	1AS845 Ø1.5
1AS396 Ø1.8	1AS396T Ø1.8	1AS942 Ø2.0	1AS942T Ø2.0	1AS151 Ø1.8	
1AS397 Ø2.0	1AS397T Ø2.0	1AS947 Ø2.3	1AS947T Ø2.3	1AS152 Ø2.0	
1AS399 Ø2.3	1AS399T Ø2.3	1AS943 Ø2.5	1AS943T Ø2.5	1AS223 Ø2.3	
1AS414 Ø2.5	1AS414T Ø2.5	1AS950 Ø3.0	1AS950T Ø3.0	1AS274 Ø2.5	
1AS641 Ø2.75	1AS641T Ø2.75	1AS680 Ø3.5	1AS680T Ø3.5	1AS275 Ø2.7	
1AS640 Ø3.0	1AS640T Ø3.0	1AS951 Ø4.0	1AS951T Ø4.0	1AS824 Ø3.0	
1AS825 Ø3.5	1AS825T Ø3.5	1AS952 Ø4.5	1AS952T Ø4.5		
1AS826 Ø4.0	1AS826T Ø4.0	1AS953 Ø5.0	1AS953T Ø5.0		
1AS712 Ø4.5	1AS712T Ø4.5				
1AS642 Ø5.0	1AS642T Ø5.0				

Scale Loupe Focus Centering
9AB024



Ref. 9AB024

LVD® FIBER LASERS & PRECITEC® YAG HPSSL HEAD

Precitec® Ceramic Part KT B2" CON



Ref. P0571-1051-00001

Precitec® Ceramic Part KT B2"



Ref. P0571-260-00001

Sensor Insert HP 1.5



Ref. P0591-1051-00001

Protection Precitec® Ceramic
Part KTB2



Union Nut



Ref. P0571-1095-00001

Protection Glass



Ref. P0589-360-00002

Protection Glass 9AB2851



Ref. Bystronic 10045746

Mocap Sticker Outlet Covering



Ref. PBVM0-042-878K

Gasket Set for Head / Sensor



Ref. P0591-1197-00001

Gasket Set for Protection



Ref. P0591-1198-00001

Cleaning Maintenance Protection
Glass 9AB667



Ref. 9AB667

MAZAK® FABRIGEAR & SPACEGEAR LASERS

2D Nozzle	3D Nozzle
	
1MZ760 Ø1.0	1MZ756 Ø0.8
1MZ775 Ø1.2	1MZ757 Ø1.0
1MZ783 Ø1.5	1MZ758 Ø1.2
1MZ784 Ø1.8	1MZ780 Ø1.5
1MZ785 Ø2.0	1MZ781 Ø1.8
1MZ762 Ø2.5	1MZ759 Ø2.0
1MZ761 Ø3.0	1MZ804 Ø2.5
	1MZ807 Ø3.0
	1MZ808 Ø3.5


Lens P/CX FL7.5" Ø2" Standard
Lens P/CX FL7.5" Ø2" Clear Magic

Scale Loupe Focus Centering 9AB024 	Lens Stress Visualizer Ø2" 9AB020 	Cleaning Maintenance Optic Kit 9AB666 
Ref. 9AB024	Ref. 9AB020	Ref. 9AB666

PRECITEC® SENSOR

Sensor Insert HN Z 	Insulator 3D HN Z 	Insulating Ring 	Sensor Cable 
Ref. P0354-110-00002	Ref. P0352-311-00001	Ref. P0492-702-00002	Ref. P0360-155-00500

MAZAK® SENSOR

Inner Cone 9MZ348 	Upper Locking Nut 4MZ0940 	Inner Insulator 5MZ655 	Protective Insulator 5AB256 	Insulating Ring 3D 5AB802 
Ref. 46713330930	Ref. 46713330940	Ref. 46713330960	Ref. 46713330390	Ref. 46713330920
Sensor Body 9MZ658 	Conector Protection 9MZ656 	Sensor Cable Conector 9MZ657 	Screening Nut 5AB281003 	Sensor Cable 9MZ651 
Ref. 46713331240	Ref. 46713330951	Ref. 46713331111	Ref. 467133000321	Ref. 46743300181

MAZAK® HYPERGEAR LASERS

Nozzle	Double Nozzle
	
1MZ297 Ø1.0	1MZ412 Ø1.2
1MZ298 Ø1.2	1MZ415 Ø1.5
1MZ299 Ø1.5	1MZ420 Ø2.0
1MZ303 Ø1.8	1MZ425 Ø2.5
1MZ300 Ø2.0	1MZ430 Ø3.0
1MZ301 Ø2.5	1MZ435 Ø3.5
1MZ302 Ø3.0	1MZ440 Ø4.0
1MZ304 Ø3.5	
1MZ306 Ø4.0	


Lens High Accuracy FL5.0" Ø2" Ref. Z50ZZ013480
Lens High Accuracy FL7.5" Ø2" Ref. Z50ZZ013470

Scale Loupe Focus Centering 9AB024 	Lens Stress Visualizer Ø2" 9AB020 	Aeroshell 560 for Turbine LT.1 9MZ228 
Ref. 9AB024	Ref. 9AB020	Ref. 9MZ228

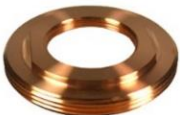
MAZAK® HYPERGEAR LASERS
SPARE PARTS



MAZAK® HYPERGEAR LASERS SPARE PARTS



MAZAK

Nut 9MZ131 	Kit Screws (4 pcs) 9MZ128 	Brass Nut 9MZ130 
Ref. 36143300332	Ref. A06CB040200	Ref. 46143300320
Kit Screws for Centering (4 pcs) 9MZ129 	Ceramic Insulator 5MZ103 PPS version 5MZ110 	Copper Nut 9MZ119 
Ref. 9MZ129	Ref. 46143300270	Ref. 46143300280
	PPS version Ref. 46143312100	
Insulating Ceramic 5MZ102 PPS version 5MZ109 	Copper Screw Nut 9MZ118 	Insulating Ceramic 5MZ100 PPS version 5MZ112 
Ref. 46143300260	Ref. 46143300290	Ref. 46143300440
PPS version Ref. 46143312130		PPS version Ref. 46143312080
Copper Body 9MZ117 	Nozzle-Housing Dowle 9MZ719 	Insulating Ceramic 5MZ101 PPS version 5MZ108 
Ref. 46143307420	Ref. 46683301180	Ref. 46143300240
		PPS version Ref. 46143312120
Aluminum Body 9MZ126 	Connector Base 9MZ133 	Kit Screw for Connector (2 pcs) 9MZ134 
Ref. 36143307980	Ref. 46143308170	Ref. 46603300030
Sensor Connector 9MZ132 	Spring 9MZ115 	Adaptor 9MZ123 
Ref. 46143308190	Ref. 46143300220	Ref. 46143308000
Balls (6 pcs) 9MZ121 	Nozzle Adaptor Support 9MZ113 	Nozzle Holder 9MZ112 
Ref. 46143300230	Ref. 36143304400	Ref. 36143304420
		Head Cable 9MZ652 
		Ref. 4614330326

MAZAK® TYPE SENSOR PFP HEAD

Pencil Nozzle	Pencil Double Nozzle	Slim Nozzle	Slim Double Nozzle
			
1MZ208 Ø0.8	1MZ258 Ø0.8	1MZ708 Ø0.8	1MZ908 Ø0.8
1MZ210 Ø1.0	1MZ260 Ø1.0	1MZ710 Ø1.0	1MZ910 Ø1.0
1MZ212 Ø1.2	1MZ262 Ø1.2	1MZ712 Ø1.2	1MZ912 Ø1.2
1MZ215 Ø1.5	1MZ265 Ø1.5	1MZ715 Ø1.5	1MZ915 Ø1.5
1MZ218 Ø1.8	1MZ268 Ø1.8	1MZ718 Ø1.8	1MZ918 Ø1.8
1MZ220 Ø2.0	1MZ270 Ø2.0	1MZ720 Ø2.0	1MZ920 Ø2.0
1MZ222 Ø2.2	1MZ272 Ø2.2	1MZ722 Ø2.2	1MZ922 Ø2.2
1MZ225 Ø2.5	1MZ274 Ø2.5	1MZ825 Ø2.5	1MZ925 Ø2.5
1MZ230 Ø3.0	1MZ280 Ø3.0	1MZ830 Ø3.0	1MZ930 Ø3.0
1MZ235 Ø3.5	1MZ285 Ø3.5	1MZ735 Ø3.5	1MZ935 Ø3.5
1MZ240 Ø4.0	1MZ290 Ø4.0	1MZ740 Ø4.0	
	1MZ291 Ø4.0/1.4		
	1MZ292 Ø4.0/1.8		
	1MZ295 Ø4.5		


Lens High Accuracy FL5.0" Ø2" Ref. Z50ZZ013480
Lens High Accuracy FL7.5" Ø2" Ref. Z50ZZ013470

Scale Loupe Focus Centering 9AB024	Lens Stress Visualizer Ø2" 9AB020	Aeroshell 560 for Turbine LT.1 9MZ228
		
Ref. 9AB024	Ref. 9AB020	Ref. 9MZ228

MAZAK®

MAZAK® TYPE SENSOR PFP HEAD SPARE PARTS



MAZAK

Nut 9MZ131 	Kit Screws (4 pcs) 9MZ128 	Brass Nut 9MZ130 	
Ref. 36143300332	Ref. A06CB040200	Ref. 46143300320	
Kit Screws for Centering (4 pcs) 9MZ129 	Ceramic Insulator 5MZ103 PPS version 5MZ110 	Copper Nut 9MZ119 	
Ref. 9MZ129	Ref. 46143300270	Ref. 46143300280	
	PPS version Ref. 46143312100		
Insulating Ceramic 5MZ102 PPS version 5MZ109 	Copper Screw Nut 9MZ118 	Insulating Ceramic 5MZ100 PPS version 5MZ112 	
Ref. 46143300260	Ref. 46143300290	Ref. 46143300440	
PPS version Ref. 46143312130		PPS version Ref. 46143312080	
Copper Body 9MZ117 	Nozzle-Housing Dowle 9MZ719 	Insulating Ceramic 5MZ101 PPS version 5MZ108 	
Ref. 46143307420	Ref. 46683301180	Ref. 46143300240	
		PPS version Ref. 46143312120	
Aluminum Body 9MZ097 	Connector Base 9MZ133 	Kit Screw for Connector (2 pcs) 9MZ134 	
Ref. 36143310550	Ref. 46143308170	Ref. 46603300030	
Sensor Connector 9MZ132 	Spring 9MZ115 	Retainer Spring Steel 9MZ098 	Coupler 9MZ143 
Ref. 46143308190	Ref. 46143300220	Ref. 36143310541	Ref. 36143310530
Balls (6 pcs) 9MZ121 	Nozzle Holder Large 9MZ110 	Nozzle Holder Long 9MZ096 	Head Cable 9MZ653 
Ref. 46143300230	Ref. 36143310522	Ref. 36143310740	Ref. 46143308290

MAZAK® STX HI-PRO510 & STX48 CAPACITATIVE SENSOR HEAD

Conical Nozzle	Hexagonal Nozzle	Hexagonal Chromed Nozzle	Double Nozzle	Double Chromed Nozzle
				
1MZ700 Ø0.8	1MZ688E Ø0.8	1MZ688T Ø0.8	1MZ725 Ø1.0	1MZ725T Ø1.0
1MZ307 Ø1.0	1MZ689E Ø1.0	1MZ689T Ø1.0	1MZ727 Ø1.2	1MZ727T Ø1.2
1MZ316 Ø1.2	1MZ690E Ø1.2	1MZ690T Ø1.2	1MZ726 Ø1.5	1MZ726T Ø1.5
1MZ275 Ø1.5	1MZ660E Ø1.5	1MZ660T Ø1.5	1MZ728 Ø1.8	1MZ728T Ø1.8
1MZ325 Ø1.8	1MZ691E Ø1.7	1MZ691T Ø1.7	1MZ729 Ø2.0	1MZ729T Ø2.0
1MZ276 Ø2.0	1MZ695E Ø1.8	1MZ716T Ø2.0	1MZ730 Ø2.2	1MZ730T Ø2.2
1MZ277 Ø2.5	1MZ716E Ø2.0	1MZ692T Ø2.2	1MZ731 Ø2.5	1MZ731T Ø2.5
1MZ305 Ø3.0	1MZ692E Ø2.2	1MZ693T Ø2.5	1MZ789 Ø3.0	1MZ789T Ø3.0
	1MZ693E Ø2.5	1MZ694T Ø3.0		
	1MZ694E Ø3.0	1MZ721T Ø3.5		
	1MZ721E Ø3.5	1MZ722T Ø4.0		
	1MZ722E Ø4.0			

Fast Nozzle	Fast Chromed Nozzle	Fast Double Nozzle	Fast Double Chromed Nozzle
			
1MZ610 Ø1.0	1MZ610T Ø1.0	1MZ510 Ø1.0	1MZ510T Ø1.0
1MZ612 Ø1.2	1MZ612T Ø1.2	1MZ512 Ø1.2	1MZ512T Ø1.2
1MZ615 Ø1.5	1MZ615T Ø1.5	1MZ515 Ø1.5	1MZ515T Ø1.5
1MZ620 Ø2.0	1MZ620T Ø2.0	1MZ518 Ø1.8	1MZ518T Ø1.8
1MZ622 Ø2.2	1MZ622T Ø2.2	1MZ520 Ø2.0	1MZ520T Ø2.0
1MZ625 Ø2.5	1MZ625T Ø2.5	1MZ522 Ø2.2	1MZ522T Ø2.2
1MZ630 Ø3.0	1MZ630T Ø3.0	1MZ525 Ø2.5	1MZ525T Ø2.5
1MZ635 Ø3.5	1MZ635T Ø3.5	1MZ530 Ø3.0	1MZ530T Ø3.0
1MZ640 Ø4.0	1MZ640T Ø4.0	1MZ535 Ø3.5	1MZ535T Ø3.5
1MZ645 Ø4.5	1MZ645T Ø4.5		

	
Lens P/CX FL5" Ø2" ET 9.6mm	
Lens P/CX FL7.5" Ø2" ET 9.6mm	
Lens P/CX FL5" Ø2" ET 7.9mm	
Lens P/CX FL7.5" Ø2" ET 7.9mm	

Scale Loupe Focus
Centering 9AB024



Ref. 9AB024

All Lenses are available in Standard, Clear Magic & Black Magic versions

Todas las lentes están disponibles en versiones Estándar, Clear Magic y Black Magic

MAZAK® STX HI-PRO510 & STX48 CAPACITATIVE SENSOR HEAD SPARE PARTS

MAZAK®

Nozzle Housing Complete 9MZ548 	Bracket 9MZ458 	Teflon Ring 5MZ456 	Ceramic Ring 5MZ456C 	Peek Ring 5MZ456P 
Ref. 9MZ548	Ref. 46683301110	Ref. 46683301080	Ref. 46683301080	Ref. 46683301080

O-Ring 5MZ486 	Brass Bracket 9MZ460 	Teflon Ring 5MZ457 	Ceramic Ring 5MZ457C 	Peek Ring 5MZ457P 
Ref. J2600S03200	Ref. 46683301070	Ref. 46683301090	Ref. 46683301090	Ref. 46683301090

Copper Bracket 9MZ459 	Teflon Ring 5MZ454 	Ceramic Ring 5MZ454C 	Peek Ring 5MZ454P 	Insulating Part Nozzle Body 5MZ430 
Ref. 46683301100	Ref. 46683301120	Ref. 46683301120	Ref. 46683301120	Ref. 46773300710

Nozzle Body 9MZ428 	Nozzle Body New 9MZ429 	Teflon Ring 5MZ455 	Ceramic Ring 5MZ455C 	Peek Ring 5MZ455P 
Ref. 46683300850	Ref. 46773300721	Ref. 46683301130	Ref. 46683301130	Ref. 46683301130

Aluminium Housing 9MZ463 	Connector Set 9MZ462 	Screws Connector Kit (4pcs) 9MZ426 	Teflon Ring 5MZ372 	Teflon Sensor Cover 5MZ635 
Ref. 46683301140	Ref. 46683301170	Ref. 46683300000	Ref. 46683301150	Ref. 46683301930

Ceramic Sensor Cover 5MZ635C 	Peek Cover 5MZ635P 	Teflon Cover 5MZ498 	Copper Ring 9MZ373 	Nozzle Housing Dowle 9MZ719 
Ref. 46683301930	Ref. 46683301930	Ref. 46683301841	Ref. 46683301160	Ref. 46683301180

Sensor Cable 33cm 9MZ650 	Sensor Cable 30cm 9MZ649 	Sensor Cable 30cm with Cover 9MZ649/G 
Ref. 46683301330	Ref. 46683301980	Ref. 46683301980

MAZAK® STX510 & STX48 MECHANICAL FEELER HEAD

Conical Nozzle	Hexagonal Nozzle	Hexagonal Chromed Nozzle	Double Nozzle	Double Chromed Nozzle
				
1MZ700 Ø0.8	1MZ688E Ø0.8	1MZ688T Ø0.8	1MZ725 Ø1.0	1MZ725T Ø1.0
1MZ307 Ø1.0	1MZ689E Ø1.0	1MZ689T Ø1.0	1MZ727 Ø1.2	1MZ727T Ø1.2
1MZ316 Ø1.2	1MZ690E Ø1.2	1MZ690T Ø1.2	1MZ726 Ø1.5	1MZ726T Ø1.5
1MZ275 Ø1.5	1MZ660E Ø1.5	1MZ660T Ø1.5	1MZ728 Ø1.8	1MZ728T Ø1.8
1MZ325 Ø1.8	1MZ691E Ø1.7	1MZ691T Ø1.7	1MZ729 Ø2.0	1MZ729T Ø2.0
1MZ276 Ø2.0	1MZ695E Ø1.8	1MZ716T Ø2.0	1MZ730 Ø2.2	1MZ730T Ø2.2
1MZ277 Ø2.5	1MZ716E Ø2.0	1MZ692T Ø2.2	1MZ731 Ø2.5	1MZ731T Ø2.5
1MZ305 Ø3.0	1MZ692E Ø2.2	1MZ693T Ø2.5	1MZ789 Ø3.0	1MZ789T Ø3.0
	1MZ693E Ø2.5	1MZ694T Ø3.0		
	1MZ694E Ø3.0	1MZ721T Ø3.5		
	1MZ721E Ø3.5	1MZ722T Ø4.0		
	1MZ722E Ø4.0			

Complete Lens Housing 2" 9MZ549	Ring Nut M56 9MZ545	Steel Spring 9MZ601	O-Ring for Lens Ø2" 9MZ618
			
Ref. 9MZ549	Ref. 9MZ545	Ref. 9MZ601	Ref. 9MZ618

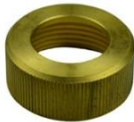
Copper Ring for Lens Ø2" 9MZ619	Copper Ring for Lens Ø2" 9MZ620	Indium Wire for Lens Ø1.5" 9AB327 Indium Wire for Lens Ø2" 9AB481
		
Ref. 9MZ619	Ref. 9MZ619	Ref. for Lens Ø1.5" 9AB327
		Ref. for Lens Ø2" 9AB481

Scale Loupe Focus Centering 9AB024

Ref. 9AB024

Standard	Clear Magic	Black Magic
		
Lens P/CX FL5.0" Ø2" ET 9.6mm	Lens P/CX FL5.0" Ø2" ET 7.9mm	Lens P/CX FL5" Ø1.5" ET 7.6mm
Lens P/CX FL7.5" Ø2" ET 9.6mm	Lens P/CX FL7.5" Ø2" ET 7.9mm	Lens P/CX FL7.5" Ø1.5" ET 7.6mm

MAZAK®

Nozzle Adapter Body 9MZ111 	Brass Base 9MZ488 	Ring Nut 4MZ104 	Retainer Nut 9MZ178 	Bolt 9MZ427 
Ref. 46603350510	Ref. 46523300080	Ref. 46583301720	Ref. 46683300030	Ref. 46683300032

Steel Stylus Foot 4MZ103 	Steel Stylus Foot 4MZ492 	Steel Stylus Foot with Balls 4MZ102 	Brass Stylus Foot 4MZ546 	Brass Stylus Foot 4MZ110 
Ref. 46572301043	Ref. 4MZ492	Ref. 4MZ102	Ref. 46512300520	Ref. 46602350080

Brass Stylus Foot 4MZ494 	Teflon Stylus Foot 4MZ228 	Ball 9MZ661 	Ball M8 9MZ664 
Ref. 4MZ494	Ref. 46572301045	Ref. Z21RU000580	Ref. Z21ZZ001160

Stylus Arm 9MZ058 	Stylus Arm 9MZ171 	Stylus Arm 9MZ380 
Ref. 36602350020	Ref. 36602300560	Ref. 36602300580

Break Away Bar H.60mm 9MZ099 	Break Away Bar H.61mm 9MZ782 	Break Away Bar H.89mm 9MZ101 
Ref. 36682300280	Ref. 36572300101	Ref. 36602300550

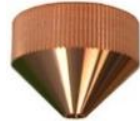
BNC/BNC Connecting Cable 2.3M 9SMCDLC50 	Ball Support H. 42mm 9MZ662 	Ball Support H. 61mm 9MZ665 	Ball Support H. 67mm 9MZ702 
Ref. 9SMCDLC50	Ref. 46575100321	Ref. 46775100101	Ref. 46705100050



MAZAK

Nozzle w/O-Ring	Nozzle w/O-Ring	Nozzle w/O-Ring	Nozzle w/O-Ring
			
1MT315 Ø1.5	1MT312 Ø1.2	1MT317 Ø1.7	1MT310 Ø1.0
1MT320 Ø2.0			1MT314 Ø1.4
1MT325 Ø2.5			
1MT330 Ø3.0			
1MT335 Ø3.5			

Nozzle 4 Holes	Nozzle 8 Holes	Nozzle 12 Holes	Nozzle 16 Holes	Nozzle 20 Holes	Nozzle 24 Holes
					
1AM504 Ø1.3	1AM508 Ø1.3	1AM512 Ø1.3	1AM516 Ø1.3	1AM520 Ø1.3	1AM518 Ø1.5
1AM503 Ø1.5	1AM517 Ø1.5				1AM524 Ø1.5
	1AM519 Ø2.0				1AM521 Ø2.0

Nozzle	Nozzle	Nozzle	Nozzle Nut	Nozzle Nut Low Pressure	Outer Nozzle
					
1AM310 Ø1.0	1AM210 Ø1.0	1AM415 Ø1.5	1MT210 Ø1.0	1MT410 Ø1.0	1AM302 Ø1.7
1AM312 Ø1.2	1AM212 Ø1.2	1AM417 Ø1.7	1MT212 Ø1.2	1MT412 Ø1.2	1AM303 Ø2.0
1AM315 Ø1.5	1AM215 Ø1.5	1AM420 Ø2.0	1MT215 Ø1.5	1MT415 Ø1.5	1AM304 Ø2.5
1AM320 Ø2.0	1AM220 Ø2.0	1AM425 Ø2.5	1MT217 Ø1.7	1MT420 Ø2.0	1AM305 Ø3.0
1AM325 Ø2.5	1AM225 Ø2.5	1AM430 Ø3.0	1MT220 Ø2.0	1MT425 Ø2.5	1AM306 Ø4.0
	1AM230 Ø3.0	1AM435 Ø3.5	1MT225 Ø2.5	1MT430 Ø3.0	
	1AM235 Ø3.5	1AM232 Ø4.0	1MT230 Ø3.0	1MT435 Ø3.5	
			1MT235 Ø3.5		
			1MT240 Ø4.0		
			1MT250 Ø5.0		

HV Nozzle	HV Nozzle w/Radius	HV Nozzle	Nozzle w/Radius
			
1AM211 Ø1.0	1MT311 Ø1.2	1AM317 Ø1.7	1AM313 Ø1.0
1AM226 Ø2.5			
1AM231 Ø3.0			



Nozzle Nut H. 15mm 9AM200 	Nozzle Nut H. 18mm 9AM201 	Shield Cup H. 22.9mm 9AM522 
Ref. 71800026	Ref. w263	Ref. 71800027
Ref. BQ933D94H01		Ref. BQ933D221H04

Nozzle Nut Fast 1AM217 	Outer Nozzle for High Speed Piercing 1AM270 	Outer Nozzle for High Speed Piercing 9AM266 
Ref. 7180015400	Ref. 71802197	Ref. 71800101
Ref. BQ023D020H01		Ref. BQ933D044H01

Nozzle Holder for Automatic Exchange 5MT001 	Precitec® Nozzle Holder 	Compatible Nozzle Holder 5AM299V 
Ref. BQ98D311G02	Ref. P0594-860-00001	Ref. 5AM299V

	
Lens P/CX FL5.0" Ø2.0" ET 7.9mm	Lens P/CX FL5.0" Ø2.0" ET 9.6mm
Lens P/CX FL7.5" Ø2.0" ET 7.9mm	Lens P/CX FL7.5" Ø2.0" ET 9.6mm

Conical 3D Nozzle	Conical 3D Chromed Nozzle	Cylindrical 3D Nozzle	Cylindrical 3D Chromed Nozzle
			
1PI198 Ø1.0	1PI198T Ø1.0	1PI111 Ø1.0	1PI111T Ø1.0
1PI468 Ø1.2	1PI468T Ø1.2	1PI430 Ø1.2	1PI430T Ø1.2
1PI411 Ø1.5	1PI411T Ø1.5	1PI113 Ø1.5	1PI113T Ø1.5
1PI483 Ø1.7	1PI483T Ø1.7	1PI443 Ø1.7	1PI443T Ø1.7
1PI604 Ø2.0	1PI604T Ø2.0	1PI189 Ø2.0	1PI189T Ø2.0
1PI609 Ø2.5	1PI609T Ø2.5	1PI114 Ø2.5	1PI114T Ø2.5
1PI624 Ø3.0	1PI624T Ø3.0	1PI461 Ø3.0	1PI461T Ø3.0

Cyl/Con Chromed Nozzle	Domino 2D/3D Nozzle	Teach Tip 3D	Teach Tip 3D
			
1PI150 Ø1.5	1PI196 Ø1.0	1PI103 Ø0.3	1PI102 Ø0.3
1PI200 Ø2.0	1PI197 Ø1.5		
1PI250 Ø2.5	1PI798 Ø2.0		
	1PI799 Ø2.5		
	1PI800 Ø3.0		

Cable 9PI240	Insulating Ring Ø10mm 5PI304	Insulating Ring Ø11mm 5PI303	Scale Loupe Centering Focus	Gasket Lens 5PI305
				
Ref. 523.P6.920	Ref. 5PI304	Ref. 5PI303	Ref. 9AB024	Ref. 1058.36520.720

Water Cartidge Filter 9PI120	Water Cartidge Filter 9PI115	Water Cartidge Filter 9PI238	Vacuum Pump Liquid 9PI239
			
Ref. 1058.52542.559	Ref. 1058.52542.556	Ref. CV2603-3336	Ref. CV0546-276-00


Lens FL5.0" Ø1.5" Ref. 360033
Lens FL7.5" Ø1.5" Ref. 360039
Lens FL10" Ø1.5" Ref. 1057.81000.011



On request we can supply bellows for Prima Power Lasers
Bajo petición podemos suministrar fuelles para Láseres Prima Power

2D Nozzle	2D Chromed Nozzle	2D Chromed Nozzle	2D Double Chromed Nozzle
			
1PI208 Ø0.8	1PI208T Ø0.8	1PI511 Ø1.5	1PI510 Ø1.0
1PI210 Ø1.0	1PI210T Ø1.0	1PI513 Ø2.0	1PI512 Ø1.2
1PI212 Ø1.2	1PI212T Ø1.2	1PI514 Ø2.5	1PI515 Ø1.5
1PI283 Ø1.5	1PI283T Ø1.5	1PI516 Ø3.0	1PI517 Ø1.7
1PI284 Ø2.0	1PI284T Ø2.0	1PI531 Ø3.0 DL	1PI520 Ø2.0
1PI285 Ø2.5	1PI285T Ø2.5		1PI525 Ø2.5
1PI410 Ø3.0	1PI410T Ø3.0		1PI530 Ø3.0

Cylindrical 2D Nozzle	Cylindrical 2D Chromed Nozzle	Syncrono Nozzle	Syncrono Double Nozzle
			
1PI676 Ø1.5	1PI612T Ø2.0	1PI812 Ø1.25	1PI876 Ø1.5
1PI612 Ø2.0	1PI613T Ø2.5	1PI815 Ø1.5	1PI877 Ø2.0
1PI613 Ø2.5	1PI677T Ø3.0	1PI875 Ø1.75	1PI878 Ø2.5
1PI677 Ø3.0		1PI820 Ø2.0	1PI830 Ø3.0
		1PI825 Ø2.5	1PI835 Ø3.5

Cable 9PI240	Lens Stress Visualizer 9AB015	Scale Loupe Centering Focus	Gasket Lens 5PI305
			
Ref. 523.P6.920	Ref. 9AB015	Ref. 9AB024	Ref. 1058.36520.720

Water Cartidge Filter 9PI120	Water Cartidge Filter 9PI115	Water Cartidge Filter 9PI238	Vacuum Pump Liquid 9PI239
			
Ref. 1058.52542.559	Ref. 1058.52542.556	Ref. CV2603-3336	Ref. CV0546-276-00


Lens FL5.0" Ø1.5" Ref. 360033
Lens FL7.5" Ø1.5" Ref. 360039
Lens FL10" Ø1.5" Ref. 1057.81000.011



On request we can supply bellows for Prima Power Lasers
Bajo petición podemos suministrar fuelles para Láseres Prima Power

PRIMA POWER® PLATINO FIBER LASERS

PRIMA POWER®

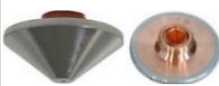
Single Nozzle	Double Nozzle	Triple Nozzle	Double Nozzle w/ Double Chromed Plating	Single Nozzle	Double Nozzle
					
1PI008 Ø0.8	1PI908 Ø0.8	1PI627 Ø1.25	1PI900 Ø3.0	1IP633 Ø0.8	1PI643 Ø1.5
1PI010 Ø1.0	1PI910 Ø1.0	1PI620 Ø1.5	1PI901 Ø3.5	1PI635 Ø1.0	1PI645 Ø2.0
1PI012 Ø1.25	1PI912 Ø1.25	1PI621 Ø1.75	1PI902 Ø4.0	1PI637 Ø1.2	1PI647 Ø2.5
1PI015 Ø1.5	1PI915 Ø1.5	1PI622 Ø2.0	1PI903 Ø5.0		
1PI017 Ø1.75	1PI917 Ø1.75	1PI623 Ø2.25	1PI904 Ø7.0		
1PI020 Ø2.0	1PI920 Ø2.0	1PI628 Ø2.5			
1PI022 Ø2.25	1PI922 Ø2.25	1PI625 Ø2.75			
1PI025 Ø2.5	1PI925 Ø2.5	1PI626 Ø3.0			
1PI027 Ø2.75	1PI927 Ø2.75				
1PI030 Ø3.0	1PI930 Ø3.0				
1PI035 Ø3.5					

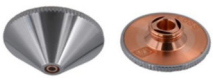
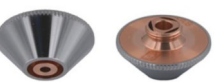
Scale Loupe Focus Centering 9AB024  Ref. 9AB024	Mocap Sticker Set Outlet Covering 9NP042  Ref. PBVM0-042-878K	Protection Glass Cleaning Maintenance Kit 9AB667  Ref. 9AB667
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Protection Glass Fiber 9NP2531  Ref. P0253-1034-00001 Ref. PI 1057.81000.058	Protection Glass Fiber 9PI2445  Ref. 1057.81000.085
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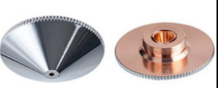
Lens P/C X FL5" Fiber 3FLOT0322  Ref. 1057.81000.070	Lens P/C X FL7.5" Fiber 3FLOT0321  Ref. 1057.81000.071
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BODOR® RAYTOOLS® NOZZLES

HP/CON Nozzle	HP/CON Double Nozzle	HP/N Chromed Nozzle	Double Chromed HP/N Nozzle	HP/CON Hard Chrome Tip Nozzle	Double Hard Chrome Nozzle
					
1AS308W Ø0.8	1AS939W Ø0.8	1AS308TW Ø0.8	1AS944TW Ø1.0	1AS308CKW Ø0.8	1AS944CKW Ø1.0
1AS381W Ø1.0	1AS944W Ø1.0	1AS381TW Ø1.0	1AS940TW Ø1.2	1AS381CKW Ø1.0	1AS940CKW Ø1.2
1AS382W Ø1.2	1AS940W Ø1.2	1AS382TW Ø1.2	1AS955TW Ø1.4	1AS382CKW Ø1.2	1AS941CKW Ø1.5
1AS383W Ø1.5	1AS955W Ø1.4	1AS383TW Ø1.5	1AS941TW Ø1.5	1AS383CKW Ø1.5	1AS946CKW Ø1.8
1AS396W Ø1.8	1AS941W Ø1.5	1AS396TW Ø1.8	1AS946TW Ø1.8	1AS396CKW Ø1.8	1AS942CKW Ø2.0
1AS397W Ø2.0	1AS946W Ø1.8	1AS397TW Ø2.0	1AS942TW Ø2.0	1AS397CKW Ø2.0	1AS947CKW Ø2.3
1AS399W Ø2.3	1AS942W Ø2.0	1AS399TW Ø2.3	1AS947TW Ø2.3	1AS399CKW Ø2.3	1AS943CKW Ø2.5
1AS414W Ø2.5	1AS942/20W Ø2.0/2.0	1AS414TW Ø2.5	1AS943TW Ø2.5	1AS414CKW Ø2.5	1AS950CKW Ø3.0
1AS641W Ø2.75	1AS947W Ø2.3	1AS641TW Ø2.75	1AS950TW Ø3.0	1AS641CKW Ø2.75	1AS680CKW Ø3.5
1AS640W Ø3.0	1AS943W Ø2.5	1AS640TW Ø3.0	1AS680TW Ø3.5	1AS640CKW Ø3.0	1AS951CKW Ø4.0
1AS825W Ø3.5	1AS943/20W Ø2.5/2.0	1AS825TW Ø3.5	1AS951TW Ø4.0	1AS825CKW Ø3.5	1AS952CKW Ø4.5
1AS826W Ø4.0	1AS950W Ø3.0	1AS826TW Ø4.0	1AS952TW Ø4.5	1AS826CKW Ø4.0	1AS953CKW Ø5.0
1AS712W Ø4.5	1AS680W Ø3.5	1AS712TW Ø4.5	1AS953TW Ø5.0	1AS712CKW Ø4.5	
1AS642W Ø5.0	1AS951W Ø4.0	1AS642TW Ø5.0		1AS642CKW Ø5.0	
	1AS952W Ø4.5				
	1AS953W Ø5.0				

Double Nozzle SS	Double Nozzle SS Ø10	Double Nozzle SS Chromed	Double Nozzle SS Ø10 Chromed	Double Nozzle SS Hard Chrome on the Tip	Double Nozzle SS Ø10 Hard Chrome on the Tip
					
1AS6001 Ø2.5	1AS6005 Ø10.0	1AS6001C Ø2.5	1AS6005C Ø10.0	1AS6001CK Ø2.5	1AS6005CK Ø10.0
1AS6002 Ø3.0		1AS6002C Ø3.0		1AS6002CK Ø3.0	
1AS6003 Ø4.0		1AS6003C Ø4.0		1AS6003CK Ø4.0	
1AS6004 Ø6.0		1AS6004C Ø6.0		1AS6004CK Ø6.0	

BODOR® RAYTOOLS® NOZZLES - SPARE PARTS - MAINTENANCE

Nozzle	Chromed Nozzle	Double Nozzle	Double Chromed Nozzle	For Auto-Exchanger Nozzle	Chromed For Auto-Exchanger Nozzle
					
1RT1001 Ø0.8	1RT1001C Ø0.8	1RT1024 Ø0.8	1RT1024C Ø0.8	1RT2001 Ø0.8	1RT2001C Ø0.8
1RT1002 Ø1.0	1RT1002C Ø1.0	1RT1025 Ø1.0	1RT1025C Ø1.0	1RT2002 Ø1.0	1RT2002C Ø1.0
1RT1003 Ø1.2	1RT1003C Ø1.2	1RT1026 Ø1.2	1RT1026C Ø1.2	1RT2003 Ø1.2	1RT2003C Ø1.2
1RT1004 Ø1.4	1RT1004C Ø1.4	1RT1027 Ø1.4	1RT1027C Ø1.4	1RT2004 Ø1.4	1RT2004C Ø1.4
1RT1005 Ø1.5	1RT1005C Ø1.5	1RT1028 Ø1.5	1RT1028C Ø1.5	1RT2005 Ø1.5	1RT2005C Ø1.5
1RT1006 Ø1.8	1RT1006C Ø1.8	1RT1029 Ø1.8	1RT1029C Ø1.8	1RT2006 Ø1.8	1RT2006C Ø1.8
1RT1007 Ø2.0	1RT1007C Ø2.0	1RT1030 Ø2.0	1RT1030C Ø2.0	1RT2007 Ø2.0	1RT2007C Ø2.0
1RT1008 Ø2.3	1RT1008C Ø2.3	1RT1031 Ø2.3	1RT1031C Ø2.3	1RT2009 Ø2.5	1RT2009C Ø2.5
1RT1009 Ø2.5	1RT1009C Ø2.5	1RT1032 Ø2.5	1RT1032C Ø2.5	1RT2011 Ø3.0	1RT2011C Ø3.0
1RT1010 Ø2.75	1RT1010C Ø2.75	1RT1033 Ø2.7	1RT1033C Ø2.7	1RT2012 Ø3.5	1RT2012C Ø3.5
1RT1011 Ø3.0	1RT1011C Ø3.0	1RT1034 Ø3.0	1RT1034C Ø3.0	1RT2013 Ø4.0	1RT2013C Ø4.0
1RT1012 Ø3.2	1RT1012C Ø3.2	1RT1035 Ø3.5	1RT1035C Ø3.5	1RT2014 Ø4.5	1RT2014C Ø4.5
1RT1013 Ø3.5	1RT1013C Ø3.5	1RT1036 Ø4.0	1RT1036C Ø4.0	1RT2015 Ø5.0	1RT2015C Ø5.0
1RT1014 Ø4.0	1RT1014C Ø4.0	1RT1037 Ø4.5	1RT1037C Ø4.5		
1RT1015 Ø4.5	1RT1015C Ø4.5	1RT1038 Ø5.0	1RT1038C Ø5.0		
1RT1016 Ø5.0	1RT1016C Ø5.0	1RT1039 Ø6.0	1RT1039C Ø6.0		
1RT1017 Ø6.0	1RT1017C Ø6.0				

For Auto-Exchanger Double Nozzle	For Auto-Exchanger Chromed Double Nozzle
	
1RT2021 Ø0.8	1RT2021C Ø0.8
1RT2022 Ø1.0	1RT2022C Ø1.0
1RT2023 Ø1.2	1RT2023C Ø1.2
1RT2024 Ø1.4	1RT2024C Ø1.4
1RT2025 Ø1.5	1RT2025C Ø1.5
1RT2026 Ø1.8	1RT2026C Ø1.8
1RT2027 Ø2.0	1RT2027C Ø2.0
1RT2029 Ø2.5	1RT2029C Ø2.5
1RT2031 Ø3.0	1RT2031C Ø3.0
1RT2032 Ø3.5	1RT2032C Ø3.5
1RT2033 Ø4.0	1RT2033C Ø4.0
1RT2034 Ø4.5	1RT2034C Ø4.5
1RT2035 Ø5.0	1RT2035C Ø5.0

Prot window Ø24.9x1.5mm 8AB515 	Prot window Ø27.9x4.1mm 8AB102 	Prot window Ø37.0x1.6mm 8AB799 	Prot window Ø37.0x7.0mm 8AB794 
	Ref. 211LCG0035		

Ceramic part M11 5AB015 	Ceramic part 3D 5AB013 	Ceramic part M14 5AB014 	Cleaning maintenance optic fiber 9AB667 
Ref. A0-NOZ-D0051		Ref. 120274100B	

Focusing lens F155 for BM111 3AB1002 	Scale Loupe Centering Focus 9AB024 	Ondular seal ring 5RT006 	Seal axial gasket D32.20x3.55 5RT007 
Ref. BM111A02A		Ref. 11021M2110005	Ref. 11021M2110007

Acetone cleaning 9AB350 	Isopropyl alcohol spray 200ml 9AB375 	Non-flammable Air spray 400ml 9AB375 
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Cotton discs 9AB318 	100p. Cleaning sticks for CO2/Fiber laser 9AB316 	Lens cleaning paper 50X sheets 9IF150 
	Ref.1222024 [TR]	Ref.500822 [BY]

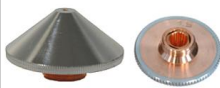
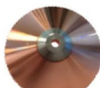
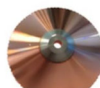
Latex tip protection 100p. 9AB501 	Mocap sticker set for outlet covering 9AB042 	Laser prot. glasses LB8 UVEX® 9UN675 
	Ref.PBVM0-042-878K	

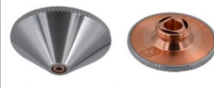
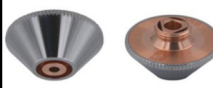
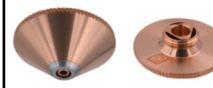
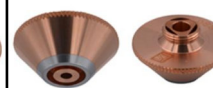
BLM® ADIGE® NOZZLES

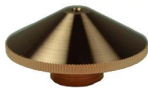
Precitec® HP/N Nozzle	Precitec® Double HP/N Nozzle	Precitec® HP Nozzle	Precitec® XY Nozzle
			
1NP308 Ø0.8	1NP944 Ø1.0	1NP345 Ø0.8	1NP515 Ø1.5
1NP381 Ø1.0	1NP940 Ø1.2	1NP010 Ø1.0	1NP518 Ø1.8
1NP382 Ø1.2	1NP941 Ø1.5	1NP015 Ø1.2	
1NP383 Ø1.5	1NP946 Ø1.8	1NP148 Ø1.5	
1NP396 Ø1.8	1NP942 Ø2.0	1NP151 Ø1.8	
1NP397 Ø2.0	1NP947 Ø2.3	1NP152 Ø2.0	
1NP414 Ø2.5	1NP943 Ø2.5	1NP274 Ø2.5	
1NP640 Ø3.0	1NP950 Ø3.0	1NP824 Ø3.0	
1NP826 Ø4.0	1NP680 Ø3.5		
1NP642 Ø5.0	1NP951 Ø4.0		

HP Nozzle	HP Chromed Nozzle	Double HP Nozzle	HP/R XY Nozzle	HP/CON Nozzle	Double HP/CON Nozzle
					
1AS345W Ø0.8	1AS345TW Ø0.8	1AS848W Ø0.8	1AS510W Ø1.0	1AS308W Ø0.8	1AS939W Ø0.8
1AS346W Ø1.0	1AS346TW Ø1.0	1AS840W Ø1.0	1AS512W Ø1.25	1AS381W Ø1.0	1AS944W Ø1.0
1AS015W Ø1.2	1AS015TW Ø1.2	1AS842W Ø1.2	1AS515W Ø1.5	1AS382W Ø1.2	1AS940W Ø1.2
1AS148W Ø1.5	1AS148TW Ø1.5	1AS845W Ø1.5	1AS518W Ø1.8	1AS384W Ø1.4	1AS955W Ø1.4
1AS151W Ø1.8	1AS151TW Ø1.8	1AS847W Ø1.8	1AS520W Ø2.0	1AS383W Ø1.5	1AS941W Ø1.5
1AS152W Ø2.0	1AS152TW Ø2.0			1AS396W Ø1.8	1AS946W Ø1.8
1AS223W Ø2.3	1AS223TW Ø2.3			1AS397W Ø2.0	1AS942W Ø2.0
1AS274W Ø2.5	1AS274TW Ø2.5			1AS399W Ø2.3	1AS947W Ø2.3
1AS275W Ø2.7	1AS275TW Ø2.7			1AS414W Ø2.5	1AS943W Ø2.5
1AS824W Ø3.0	1AS824TW Ø3.0			1AS641W Ø2.75	1AS954W Ø2.7
				1AS640W Ø3.0	1AS950W Ø3.0
				1AS825W Ø3.5	1AS680W Ø3.5
				1AS826W Ø4.0	1AS951W Ø4.0
				1AS712W Ø4.5	1AS952W Ø4.5
				1AS642W Ø5.0	1AS953W Ø5.0

BLM® ADIGE® NOZZLES

Chromed HP/CON Nozzle	Double Chromed HP/N Nozzle	HP/CON Hard Chrome Tip Nozzle	Double Hard Chrome Nozzle
			
1AS308TW Ø0.8	1AS944TW Ø1.0	1AS308CKW Ø0.8	1AS944CKW Ø1.0
1AS381TW Ø1.0	1AS940TW Ø1.2	1AS381CKW Ø1.0	1AS940CKW Ø1.2
1AS382TW Ø1.2	1AS955TW Ø1.4	1AS382CKW Ø1.2	1AS941CKW Ø1.5
1AS383TW Ø1.5	1AS941TW Ø1.5	1AS383CKW Ø1.5	1AS946CKW Ø1.8
1AS396TW Ø1.8	1AS946TW Ø1.8	1AS396CKW Ø1.8	1AS942CKW Ø2.0
1AS397TW Ø2.0	1AS942TW Ø2.0	1AS397CKW Ø2.0	1AS947CKW Ø2.3
1AS399TW Ø2.3	1AS947TW Ø2.3	1AS399CKW Ø2.3	1AS943CKW Ø2.5
1AS414TW Ø2.5	1AS943TW Ø2.5	1AS414CKW Ø2.5	1AS950CKW Ø3.0
1AS641TW Ø2.75	1AS950TW Ø3.0	1AS641CKW Ø2.75	1AS680CKW Ø3.5
1AS640TW Ø3.0	1AS680TW Ø3.5	1AS640CKW Ø3.0	1AS951CKW Ø4.0
1AS825TW Ø3.5	1AS951TW Ø4.0	1AS825CKW Ø3.5	1AS952CKW Ø4.5
1AS826TW Ø4.0	1AS952TW Ø4.5	1AS826CKW Ø4.0	1AS953CKW Ø5.0
1AS712TW Ø4.5	1AS953TW Ø5.0	1AS712CKW Ø4.5	
1AS642TW Ø5.0		1AS642CKW Ø5.0	

Double Nozzle SS	Double Nozzle SS Ø10	Double Nozzle SS Chromed	Double Nozzle SS Ø10 Chromed	Double Nozzle SS Hard Chrome on the Tip	Double Nozzle SS Ø10 Hard Chrome on the Tip
					
1AS6001 Ø2.5	1AS6005 Ø10.0	1AS6001C Ø2.5	1AS6005C Ø10.0	1AS6001CK Ø2.5	1AS6005CK Ø10.0
1AS6002 Ø3.0		1AS6002C Ø3.0		1AS6002CK Ø3.0	
1AS6003 Ø4.0		1AS6003C Ø4.0		1AS6003CK Ø4.0	
1AS6004 Ø6.0		1AS6004C Ø6.0		1AS6004CK Ø6.0	

HP H.11mm Nozzle	HP/N H.11mm Nozzle	3D TCL Nozzle	3D TCL Nozzle	3D KNL Nozzle	3D double KNL Nozzle
					
1EL475W Ø1.0	1EL710W Ø1.0	1AD010W Ø1.0	1AD110W Ø1.0	1AD410W Ø1.0	1AD510W Ø1.0
1EL476W Ø1.2	1EL712W Ø1.2	1AD012W Ø1.2	1AD115W Ø1.5	1AD412W Ø1.2	1AD512W Ø1.2
1EL477W Ø1.5	1EL715W Ø1.5	1AD015W Ø1.5	1AD118W Ø1.8	1AD415W Ø1.5	1AD515W Ø1.5
1EL815W Ø1.5H.D.	1EL718W Ø1.8	1AD018W Ø1.8	1AD120W Ø2.0	1AD418W Ø1.8	1AD518W Ø1.8
1EL478W Ø1.8	1EL720W Ø2.0	1AD020W Ø2.0		1AD420W Ø2.0	1AD520W Ø2.0
1EL479W Ø2.0	1EL723W Ø2.3	1AD023W Ø2.3		1AD423W Ø2.3	1AD523W Ø2.3
1EL820W Ø2.0H.D.	1EL725W Ø2.5	1AD025W Ø2.5		1AD425W Ø2.5	1AD525W Ø2.5
1EL480W Ø2.5		1AD030W Ø3.0		1AD430W Ø3.0	1AD530W Ø3.0
1EL825W Ø2.5H.D.					
1EL430W Ø3.0H.D.					

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BLM® ADIGE® NOZZLES

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SCB Chromed Nozzle	SCB Nozzle	D3F Chromed Nozzle	D3F Nozzle	Double Chromed ACB Nozzle	Double Chromed NCB Nozzle
					
1AD310T Ø1.0	1AD310 Ø1.0	1AD210T Ø1.0	1AD210 Ø1.0	1AD1055K Ø2.5	1AD1017K Ø5.0
1AD312T Ø1.2	1AD312 Ø1.2	1AD212T Ø1.2	1AD212 Ø1.2	1AD1058K Ø4.0	1AD1016K Ø7.0
1AD315T Ø1.5	1AD315 Ø1.5	1AD213T Ø1.2 int.1.5	1AD215 Ø1.5		
1AD318T Ø1.8	1AD318 Ø1.8	1AD215T Ø1.5	1AD218 Ø1.8		
1AD320T Ø2.0	1AD320 Ø2.0	1AD216T Ø1.5 int.1.5	1AD220 Ø2.0		
1AD323T Ø2.3	1AD323 Ø2.3	1AD218T Ø1.8	1AD223 Ø2.3		
1AD325T Ø2.5	1AD325 Ø2.5	1AD220T Ø2.0	1AD225 Ø2.5		
1AD330T Ø3.0	1AD330 Ø3.0	1AD223T Ø2.3	1AD230 Ø3.0		
1AD335T Ø3.5	1AD335 Ø3.5	1AD225T Ø2.5	1AD235 Ø3.5		
1AD340T Ø4.0	1AD340 Ø4.0	1AD230T Ø3.0			
		1AD235T Ø3.5			

NCB Chromed Nozzle	Double Chromed QCB Nozzle	Double Hard Chromed SS Nozzle	Double Hard Chromed on the Tip SS Nozzle	KN 2D Nozzle	KN TAK 3D Nozzle
					
1AD1005K Ø1.5	1AD1018K Ø7.0	1AD6001K Ø2.5	1AD6001CK Ø2.5	1TF543W Ø0.8	1TF681W Ø1.0
1AD1006 Ø1.8		1AD6002K Ø3.0	1AD6002CK Ø3.0	1TF544W Ø1.0	1TF688W Ø1.2
1AD1007K Ø2.0		1AD6003K Ø4.0	1AD6003CK Ø4.0	1TF883W Ø1.2	1TF703W Ø1.5
1AD1008K Ø2.3		1AD6004K Ø6.0	1AD6004CK Ø6.0	1TF211W Ø1.5	1TF725W Ø1.8
1AD1009K Ø2.5		1AD6005K Ø10.0	1AD6005CK Ø10.0	1TF557W Ø1.7	1TF767W Ø2.0
1AD1010K Ø3.0				1TF559W Ø1.8	
1AD1011K Ø3.5				1TF558W Ø2.0	
1AD1012K Ø4.0				1TF223W Ø2.3	
				1TF224W Ø2.5	
				1TF227W Ø2.7	
				1TF555W Ø3.0	

NCB Chromed Nozzle	Double Chromed QCB Nozzle	Double Hard Chromed SS Nozzle	Double Hard Chromed on the Tip SS Nozzle	KN 2D Nozzle	KN TAK 3D Nozzle
					
1AD1005K Ø1.5	1AD1018K Ø7.0	1AD6001K Ø2.5	1AD6001CK Ø2.5	1TF543W Ø0.8	1TF681W Ø1.0
1AD1006 Ø1.8		1AD6002K Ø3.0	1AD6002CK Ø3.0	1TF544W Ø1.0	1TF688W Ø1.2
1AD1007K Ø2.0		1AD6003K Ø4.0	1AD6003CK Ø4.0	1TF883W Ø1.2	1TF703W Ø1.5
1AD1008K Ø2.3		1AD6004K Ø6.0	1AD6004CK Ø6.0	1TF211W Ø1.5	1TF725W Ø1.8
1AD1009K Ø2.5		1AD6005K Ø10.0	1AD6005CK Ø10.0	1TF557W Ø1.7	1TF767W Ø2.0
1AD1010K Ø3.0				1TF559W Ø1.8	
1AD1011K Ø3.5					

BLM® ADIGE® NOZZLES - SPARE PARTS - MAINTENANCE

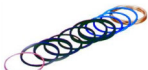
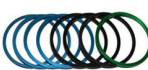
Nozzle DS	Precitec® Nozzle DS
	
1DS110 Ø1.0	1DS010 Ø1.0
1DS112 Ø1.2	1DS012 Ø1.2
1DS115 Ø1.5	1DS015 Ø1.5
1DS118 Ø1.8	1DS018 Ø1.8
1DS120 Ø2.0	1DS020 Ø2.0
1DS125 Ø2.5	1DS025 Ø2.5

Nozzle type CS h=30mm	Double Nozzle type CS h=30mm
	
1CS110V Ø1.0	1CS310V Ø1.0
1CS112V Ø1.2	1CS312V Ø1.2
1CS115V Ø1.5	1CS315V Ø1.5
1CS118V Ø1.8	1CS318V Ø1.8
1CS120V Ø2.0	1CS320V Ø2.0
1CS125V Ø2.5	1CS323V Ø2.3
1CS130V Ø3.0	1CS325V Ø2.5
	1CS330V Ø3.0
	1CS335V Ø3.5

Precitec® Nozzle KS HEX

1NP112 Ø1.2
1NP115 Ø1.5
1NP120 Ø2.0
Inner Nozzle for Tube 1AS010


Ceramic Part M12x1 5AB137	Ceramic Part Precitec® KT B2" CON 5WM135	Ceramic Part Precitec® KS M1.5 5WM491	Ceramic Part Precitec® KN M1.5 5WM210	Ceramic Part Precitec® KT XB 5WM138	Insulator Precitec® IT B2" Z 5WM265	Seal Ceramic Part M1.5" KN 5NP281023
						
Ref. 6930003224	Ref. 6930281333		Ref. 6930300016			
	P0571-1051-00001 [PR]	P0491-130-00001 [PR]	P0494-752-00001 [PR]	P0595-94097 [PR]	P0571-265-00001 [PR]	P0494-758-00001 [PR]
			0092405 [TF]			110588 [TF]

Nut Ceramic Part KN 9NP280550	Precitec® adjust BOX EG 8030 A 9NP8030	Extension Unit ZM M1.5" VA 7.5" 9NP280945	Insulator Ring M1.5" Head 5WM254	Lens Holder LH M1.5" 9NP281710	Lens Ring Set M1.5" F5.0" 9NP281707	Lens Ring Set M1.5" F7.5" 9NP281708
						
P0494-940-00001 [PR]	P8030-100-00001 [PR]	P0484-451-00001 [PR]	P0484-133-00001 [PR]	P0474-150-00002 [PR]	P0474-870-00001 [PR]	P0474-880-00001 [PR]
0092406 [TF]						

Lower Part UT M1.5" 9NP280991	Upper Part OTM 1.5" 9NP280990	Nozzle Body M1.5" KN 9NP280949	Sensor Insert M1.5" KN 9NP280549	O-ring Insulator for Sensor Nut 5NP379	Preamplifier VV M1.5" 9NP280629	Sensor BNC Cable KS 20MT GW 9NP280481
						
				EBMO0-0031-379KF		
P0486-160-00002 [PR]	P0486-010-00001 [PR]	P0494-756-Q0001 [PR]	P0494-910-00001 [PR]		P0497-630-00002 [PR]	P0492-003-2000 [PR]

Sensor Cable 130 GG 9NP280930	Sensor Cable 130 GW 9WM196	Sensor Cable 200 GG 9WM132	Electrode Cable 300 GW 9NP280835	Electrode Cable KE 200 GW 9NP132	Electrode Cable KE 300 GW MH 9NP014	Sensor Cable 250 GW 9NP280578
						
P0497-002-00130 [PR]	P0492-001-00130 [PR]	P0497-002-00200 [PR]	P0492-001-00300 [PR]	P0492-001-00200 [PR]	P0492-014-00300 [PR]	P0492-001-00250 [PR]

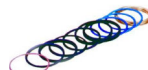
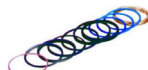
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BLM® ADIGE® SPARE PARTS - MAINTENANCE

Cable Cart. Detection KA 2MG 9NP523	Cable Cart. Detection KA 2MW 9NP524	Cartridge 2" Lens CS 9NP572410	Cartridge FL 5" new type 9NP1076	Cartridge FL 7.5" new type 9NP1075	Cartridge HP1.5"M FL 5.0" (non-can) 9NP998	Cartridge HP1.5"M FL 7.5" (non-can) 9NP999
						
		P0572-410-00001 [PR]	P0591-1076-00001 [PR]	P0591-1075-00001 [PR]	P0575-340-00001 [PR]	P0575-370-00001 [PR]

Cartridge ZM DS 1.5" WK F5" 9NP0275	Cartridge ZM DS 1.5" WK F7.5" 9NP0280	Cartridge ZM HP1.5M FL7.5 PER FL10"CAN 9NP0486	Cartridge ZM HP1.5M WK FL7.5 CAN 9NP0485	Centering Tool for HP 1.5" 9NP1305	Connector Body Head HP 1.5"M CAN 9NP022	Connector for Mirrors M6/6x4 9AB221
						
P0578-0275-0001 [PR]	P0572-0280-0001 [PR]	P0575-1034-00001 [PR]	P0575-485-00001 [PR]		P0575-450-00001 [PR]	

Connector Head HP 1.5" NEW 9NP1056	Cover Conn. ZM COL QBH (2pz) 9NP1442	Gasket Set For Head/Sensor 5NP281397	Gasket Set for Prot. Cart. Window 5NP0370	Gasket Set Head HP 1.5" 5NP281395	Gasket Set Head HP 1.5"M 5NP280012	Insulating Plate for DS 1.5" Head 5NP0315
						
	PS0292-1051442					
P0591-1056-0001 [PR]		P0591-1197-00001 [PR]	P0591-1198-00001 [PR]	P0591-920-00001 [PR]	P0575-920-00001 [PR]	P0578-0315-00001 [PR]

Lens Mounting Tool HP 1.5" 9NP1125	Lens Mounting Tool HP 1.5"M 9NP1335	Lens Ring Set FL 7.5" CS 2" 9NP572815	Lens Ring Set HP 1.5"M FL 5.0" 9NP994	Lens Ring Set HP 1.5"M FL 7.5" 9NP995	Lower Seal for Lensholder 5WM281378	Nut Kit HP 1.5"M 4x Pcs. 9NP281383
						
		P0572-815-00001 [PR]	P0575-300-00001 [PR]	P0575-305-00001 [PR]	P0572-413-00001 [PR]	P0591-490-00001 [PR]

Nut Kit HP 1.5"M Head 2x pcs. 9NP390	O-Ring for Prot. Window Ø22.35 9NP0359	O-Ring Ø28 x 2.5mm 5NP736	Preamplifier VV B2" 9NP281610	Seal Ring ZM DR 5NP131	Sensor BNC Cable KS 30MT GW 9NP280483	Sensor Cable 1100 mm BNC-BNC 90° 9FE163140
						
P0575-390-00001 [PR]			P0571-610-00001 [PR]	P0595-59131 [PR]	P0492-003-30000 [PR]	

Sensor Cable 380 mm BNC-BNC 90° 9FE163138	Sensor Insert CS 2" Z / BNC 9NP573620	Sensor Insert HP 1.5" new type 9NP1051	Sensor Insert M 1.5" KS 9NP491	Nut M 1.5" KS DR for Ceramic KS 9NP146	Sensor Insert SE CS 2" 9NP573510	Sensor Insert SE HP 1.5"M 9NP983
						
Ref. 9302075930						
	P0573-620-00001 [PR]	P0591-1051-00001 [PR]	P0491-110-00001 [PR]	P0491-146-00001 [PR]	P0573-510-00001 [PR]	P0575-1055-00001 [PR]
		6930003253 [BLM]			6930003203-00 [BLM]	

BLM® ADIGE® SPARE PARTS - MAINTENANCE - LENS

Sensor Cable BNC 1.2MT GW 9NP28002	Set Lens Ring LR FL 2.5" / 3.75" 9NP281706	Teflon Protec. Ring for Ceramic Part 5NP492	Teflon Ring for DS 1.5" Head 5NP0314	Union Nut MU HP 9NP1095	Upper Seal for Lensholder 5WM281325	Water Connector 9AB220
				P0591-1095-00001 [PR]	PBM00-001-124KF	
P0492-003-01200 [PR]	P0474-860-00001 [PR]	P0491-147-00001 [PR]	P0578-0314-00001 [PR]	P0571-271-00001 [PR]		
				P0591-21232 [PR]		

Focus Loupe for Focus Centering 9AB024	Lens P/MN F5.0" Ø1.5" HP 3AB5362	Lens P/MN F5.0" Ø1.5" Thorium Free 3EX5362	Lens P/MN F5.0" Ø1.5" HP Clear Magic 3LC5362	Lens P/MN II-VI F5.0" Ø1.5" HP 3LOT5362	Lens P/MN II-VI F5.0" Ø1.5" HP MP5 3MP5362	Lens P/MN F7.5" Ø1.5" HP 3AB6518
						
	088114 [TF]	088114 [TF]		088114 [TF]	088114 [TF]	097517 [TF]
	055491 [FP]				316301007 [SAL]	055492 [FP]

Lens P/MN F7.5" Ø1.5" HP Clear Magic 3LC6518	Lens P/MN II-VI F7.5" Ø1.5" HP 3LOT6518	Lens P/MN II-VI F7.5" Ø1.5" HP MP5 3MP6518	Lens P/MN II-VI F5.0" Ø1.5" ET=9mm 3LOT4966	Lens II-VI MP5 F5.0" Ø1.5" ET=9mm 3MP8529	Lens FL 5.0" Ø1.5" Black Magic 3MO5362	Lens FL 7.5" Ø1.5" Black Magic 3MO6518
						
	097517 [TF]	097517 [TF]	4-05094 [BY]	4-07475 [BY]		
	6930000043 [AD/BLM]	3163010008 [SAL]	360033 [PI]			

Lens P/MN II-VI F7.5" Ø1.5" ET=9mm 3LOT4962	Lens II-VI MP5 F7.5" Ø1.5" ET=9mm 3MP8530	Lens Stress Visualicer Ø1.5" 9AB015	Cartridge FL 125mm HPSSL 9NP1269	Cartridge FL 200mm HPSSL 9NP1270	Lens & Holder OL HP SSL F125 M 9NP1208	Lens & Holder OL HP SSL F200 M 9NP1209
						
4-05095 [BY]	4-07476 [BY]					
			P0591-1269-00001 [PR]	P0591-1270-00001 [PR]	P0591-1208-00001 [PR]	P0591-1209-00001 [PR]
360039 [PI]	1057.81000.049 [PI]			6930003252 [BLM]		

Lens F=125mm with Lens Holder 9NP1262	Lens F=200mm with Lens Holder 9NP1263	Mounting Tool WH1115 9NP281569	Mounting Tool WH1120 9NP281616	Tool for Lens Mounting 9NP11033	Protection Glass Ø22.35 8NP0360	Upper Protec. Window Ø21.5 D2 8NP791/2
						
P0591-1262-00001 [PR]	P0591-1263-00001 [PR]	P0001-115-00001 [PR]	P0001-120-00001 [PR]		P0589-360-00002 [PR]	P0588-1022-00002 [PR]

Protection Glass Ø30 D5 8NP793/2	Protec. Glass Max. 15Kw Precitec Ø37 D7 8NP794	Lens PC/X FS FL150 Et=2.5mm 9FLOT0864	Phase Retarder 90° 2LOT173811	Cleaning Mainten. Optic Fiber 9AB667	Cleaning Mainten. Optic Kit Co2 9AB666	Cleaning Sticks Co2/Fiber Lasers 9AB316
						
	P0595-58601 [PR]	B80409-00	055510 [FP]			1222024 [TR]
P0795-1201-00002 [PR]	P0595-61551 [PR]					
	6930003333 [BLM]		6930001015 [BLM]			

BLM®
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ADIGE®

BLM® ADIGE® SPARE PARTS - MAINTENANCE

Large Cleaning sticks for CO2/Fiber laser 9AB314	Cotton Discs 9AB318	Laser Protec. Fibre LB8 Uvex® 9UN675	Laser Protec. CO2 Glasses L5 5KW 9UN672	Latex Tip-Protections 9AB501	Acetone Cleaning Fluid 9AB350	Isopropyl Alcohol Spray 200ml 9AB375
						

Lens Support for Cleaning 9AB1093	Non-Flammable Compr. AIR 400ml 9AB370	Lens Cleaning Paper 7x12cm 9IF150	Polish for Optic Cleaning 250ml 9AB657	Polish for Optic Cleaning 30ml 9AB656	Mocap Sticker Set for Outlet Covering 9AB042	Antifreezing Fluid for Chiller 20lt. 9AB360
						
		500822 [BY]				
					PBVM0-042-878K [PR]	

Varicid Anti Algae 500ml 9AB2594/05	Varidos Anti Corrosive 1lt. 9AB2513	Opt. Path X Axis Bellows 6AS210	Opt. Path Y Axis Bellows 6AS220	X Axis Opt. Bellows Left/Right 6AS290	X Axis Rail Bellows 6AS230	X Axis Rail Bellows 6AS250
						
		9308842735	9308843035		9308726535	930008435
						9310008435

X Axis Rail Bellows Short 6AS300	Y Axis Rail Bellows 6AS240	Z Axis Bellows 6AS200	Z Bellows for Adige® 6AS260
			
9310008535 220/1850	9309996935	9955435	

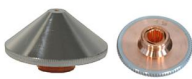
NUKON® NOZZLES

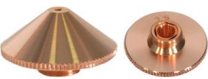
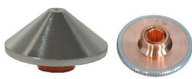
Precitec® HP Nozzle	Precitec® HP/CON Nozzle	Precitec® HP/N CON Nozzle
		
1NP345 Ø0.8	1NP308 Ø0.8	1NP944 Ø1.0
1NP010 Ø1.0	1NP381 Ø1.0	1NP940 Ø1.2
1NP015 Ø1.2	1NP382 Ø1.2	1NP941 Ø1.5
1NP148 Ø1.5	1NP383 Ø1.5	1NP946 Ø1.8
1NP151 Ø1.8	1NP396 Ø1.8	1NP942 Ø2.0
1NP152 Ø2.0	1NP397 Ø2.0	1NP947 Ø2.3
1NP274 Ø2.5	1NP414 Ø2.5	1NP943 Ø2.5
1NP824 Ø3.0	1NP640 Ø3.0	1NP950 Ø3.0
	1NP826 Ø4.0	1NP680 Ø3.5
	1NP642 Ø5.0	1NP951 Ø4.0

HP Nozzle	HP Chromed Nozzle	HP Double Nozzle	HP/R XY Nozzle	Adaptator for Precitec® HP/N Nozzle	HP/CON Nozzle
					
1AS345W Ø0.8	1AS345TW Ø0.8	1AS848W Ø0.8	1AS510W Ø1.0	9HG100	1AS308W Ø0.8
1AS346W Ø1.0	1AS346TW Ø1.0	1AS840W Ø1.0	1AS512W Ø1.25		1AS381W Ø1.0
1AS015W Ø1.2	1AS015TW Ø1.2	1AS842W Ø1.2	1AS515W Ø1.5		1AS382W Ø1.2
1AS148W Ø1.5	1AS148TW Ø1.5	1AS845W Ø1.5	1AS518W Ø1.8		1AS384W Ø1.4
1AS151W Ø1.8	1AS151TW Ø1.8	1AS847W Ø1.8	1AS520W Ø2.0		1AS383W Ø1.5
1AS152W Ø2.0	1AS152TW Ø2.0				1AS396W Ø1.8
1AS223W Ø2.3	1AS223TW Ø2.3				1AS397W Ø2.0
1AS274W Ø2.5	1AS274TW Ø2.5				1AS399W Ø2.3
1AS275W Ø2.7	1AS275TW Ø2.7				1AS414W Ø2.5
1AS824W Ø3.0	1AS824TW Ø3.0				1AS641W Ø2.75
					1AS640W Ø3.0
					1AS825W Ø3.5
					1AS826W Ø4.0
					1AS712W Ø4.5
					1AS642W Ø5.0

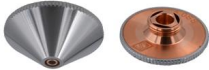
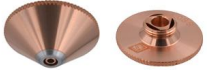
NUKON®

NUKON® NOZZLES

Double HP/CON Nozzle	HP/CON Chromed Nozzle	HP/N Double Chromed Nozzle	HP/CON Hard Chromed Nozzle	Double Hard Chromed Nozzle	Double SS Nozzle
					
1AS939W Ø0.8	1AS308TW Ø0.8	1AS944TW Ø1.0	1AS308CKW Ø0.8	1AS944CKW Ø1.0	1AS6001 Ø2.5
1AS944W Ø1.0	1AS381TW Ø1.0	1AS940TW Ø1.2	1AS381CKW Ø1.0	1AS940CKW Ø1.2	1AS6002 Ø3.0
1AS940W Ø1.2	1AS382TW Ø1.2	1AS955TW Ø1.4	1AS382CKW Ø1.2	1AS941CKW Ø1.5	1AS6003 Ø4.0
1AS955W Ø1.4	1AS383TW Ø1.5	1AS941TW Ø1.5	1AS383CKW Ø1.5	1AS946CKW Ø1.8	1AS6004 Ø6.0
1AS941W Ø1.5	1AS396TW Ø1.8	1AS946TW Ø1.8	1AS396CKW Ø1.8	1AS942CKW Ø2.0	1AS6005 Ø10.0
1AS946W Ø1.8	1AS397TW Ø2.0	1AS942TW Ø2.0	1AS397CKW Ø2.0	1AS947CKW Ø2.3	
1AS942W Ø2.0	1AS399TW Ø2.3	1AS947TW Ø2.3	1AS399CKW Ø2.3	1AS943CKW Ø2.5	
1AS947W Ø2.3	1AS414TW Ø2.5	1AS943TW Ø2.5	1AS414CKW Ø2.5	1AS950CKW Ø3.0	
1AS943W Ø2.5	1AS641TW Ø2.75	1AS950TW Ø3.0	1AS641CKW Ø2.75	1AS680CKW Ø3.5	
1AS954W Ø2.7	1AS640TW Ø3.0	1AS680TW Ø3.5	1AS640CKW Ø3.0	1AS951CKW Ø4.0	
1AS950W Ø3.0	1AS825TW Ø3.5	1AS951TW Ø4.0	1AS825CKW Ø3.5	1AS952CKW Ø4.5	
1AS680W Ø3.5	1AS826TW Ø4.0	1AS952TW Ø4.5	1AS826CKW Ø4.0	1AS953CKW Ø5.0	
1AS951W Ø4.0	1AS712TW Ø4.5	1AS953TW Ø5.0	1AS712CKW Ø4.5		
1AS952W Ø4.5	1AS642TW Ø5.0		1AS642CKW Ø5.0		
1AS953W Ø5.0					

Double HP/CON Nozzle	HP/CON Chromed Nozzle	HP/N Double Chromed Nozzle	HP/CON Hard Chromed Nozzle	Double Hard Chromed Nozzle	Double SS Nozzle
					
1AS939W Ø0.8	1AS308TW Ø0.8	1AS944TW Ø1.0	1AS308CKW Ø0.8	1AS944CKW Ø1.0	1AS6001 Ø2.5
1AS944W Ø1.0	1AS381TW Ø1.0	1AS940TW Ø1.2	1AS381CKW Ø1.0	1AS940CKW Ø1.2	1AS6002 Ø3.0
1AS940W Ø1.2	1AS382TW Ø1.2	1AS955TW Ø1.4	1AS382CKW Ø1.2	1AS941CKW Ø1.5	1AS6003 Ø4.0
1AS955W Ø1.4	1AS383TW Ø1.5	1AS941TW Ø1.5	1AS383CKW Ø1.5	1AS946CKW Ø1.8	1AS6004 Ø6.0
1AS941W Ø1.5	1AS396TW Ø1.8	1AS946TW Ø1.8	1AS396CKW Ø1.8	1AS942CKW Ø2.0	1AS6005 Ø10.0
1AS946W Ø1.8	1AS397TW Ø2.0	1AS942TW Ø2.0	1AS397CKW Ø2.0	1AS947CKW Ø2.3	
1AS942W Ø2.0	1AS399TW Ø2.3	1AS947TW Ø2.3	1AS399CKW Ø2.3	1AS943CKW Ø2.5	
1AS947W Ø2.3	1AS414TW Ø2.5	1AS943TW Ø2.5	1AS414CKW Ø2.5	1AS950CKW Ø3.0	
1AS943W Ø2.5	1AS641TW Ø2.75	1AS950TW Ø3.0	1AS641CKW Ø2.75	1AS680CKW Ø3.5	
1AS954W Ø2.7	1AS640TW Ø3.0	1AS680TW Ø3.5	1AS640CKW Ø3.0	1AS951CKW Ø4.0	
1AS950W Ø3.0	1AS825TW Ø3.5	1AS951TW Ø4.0	1AS825CKW Ø3.5	1AS952CKW Ø4.5	
1AS680W Ø3.5	1AS826TW Ø4.0	1AS952TW Ø4.5	1AS826CKW Ø4.0	1AS953CKW Ø5.0	
1AS951W Ø4.0	1AS712TW Ø4.5	1AS953TW Ø5.0	1AS712CKW Ø4.5		
1AS952W Ø4.5	1AS642TW Ø5.0		1AS642CKW Ø5.0		
1AS953W Ø5.0					

NUKON® NOZZLES - SPARE PARTS - LENS

Double SS Chromed Nozzle	Double SS Hard Chromed Nozzle	HK Nozzle	Double NK Nozzle	NK Chromed Nozzle	Double NK Chromed Nozzle
					
1AS6001C Ø2.5	1AS6001CK Ø2.5	1BS024W Ø0.8	1BS730W Ø1.0	1BS028TW Ø1.0	1BS730TW Ø1.0
1AS6002C Ø3.0	1AS6002CK Ø3.0	1BS028W Ø1.0	1BS731W Ø1.2	1BS032TW Ø1.2	1BS731TW Ø1.2
1AS6003C Ø4.0	1AS6003CK Ø4.0	1BS032W Ø1.2	1BS777W Ø1.5	1BS025TW Ø1.5	1BS777TW Ø1.5
1AS6004C Ø6.0	1AS6004CK Ø6.0	1BS025W Ø1.5	1BS732W Ø1.7	1BS144TW Ø1.7	1BS732TW Ø1.7
1AS6005C Ø10.0	1AS6005CK Ø10.0	1BS144W Ø1.7	1BS733W Ø2.0	1BS163TW Ø2.0	1BS733TW Ø2.0
		1BS163W Ø2.0	1BS734W Ø1.5/Ø2.5	1BS154TW Ø2.5	1BS734TW Ø2.5
		1BS154W Ø2.5	1BS734/20W Ø2.0/Ø2.5	1BS345TW Ø3.0	1BS734/20TW Ø2.0/Ø2.5
		1BS345W Ø3.0	1BS826W Ø1.7/Ø3.0	1BS772TW Ø3.5	1BS826TW Ø3.0
		1BS772W Ø3.5	1BS826/20W Ø2.0/Ø3.0	1BS773TW Ø4.0	1BS826/20TW Ø2.0/Ø3.0
		1BS773W Ø4.0	1BS827W Ø3.5		1BS827TW Ø3.5

Ceramic Part Precitec® KT B2" CON 5WM135	Insulating Ceramic 5NK002	Insulating M11 Ceramic 5NK001	Insulating M11 Ceramic 5NK003	Precitec® adjust BOX EG 8030 A 9NP8030	Sensor BNC Cable KS 20MT GW 9NP280481	Cartridge Collim. Window II Vers. L.C. Plus, Moto I 9NP6530
						
Ref. 6930281333						
P0571-1051-00001 [PR]				P8030-100-00001 [PR]	P0492-003-2000 [PR]	P0580-89338 [PR]
			3K1005 NK-00001724			

Cartridge Collim. Window L.C., Moto II, 2.0 9NP9338	Cartridge for Protec. Window 9NP3001	Cable Cart. Det. KA 2M G 9NP523	Cable Cart. Det. KA 2M W 9NP524	Cover Conn. ZM COL QBH (2pz) 9NP1442	Gasket Set For Head/Sensor 5NP281397	Gasket Set for Prot. Cart. Window 5NP0370
						
				PS0292-1051442		
P0580-89338 [PR]	P0580-86488 [PR]				P0591-1197-00001 [PR]	P0591-1198-00001 [PR]

Lower Prot. Plate (Light-Cutter) 9AB433	O-Ring for Prot. Window Ø22.35 9NP0359	Seal Ring Cartridge 5WM353	Sensor BNC Cable KS 30mt GW 9NP280483	Sensor Insert HP 1.5" new type 9NP1051	Union Nut MU HP 9NP1095	Focus Loupe for Focus Centering 9AB024
						
					P0591-1095-00001 [PR]	
P0580-53433 [PR]		P0580-53353 [PR]	P0492-003-30000 [PR]	P0591-1051-00001 [PR]	P0571-271-00001 [PR]	
				6930003253 [BLM]	P0591-21232 [PR]	

Prot. Glass Ø36x5mm 8AL2851	Cartridge FL 125mm HPSSL 9NP1269	Cartridge FL 200mm HPSSL 9NP1270	Prot. Glass Ø22.35x4mm 8AL0360	Prot. Window Ø35.5x5mm 8AL083	Lens & Holder OL HP SSL F125 M 9NP1208	Lens & Holder OL HP SSL F200 M 9NP1209
						
10045746 [BS]			970397			
1057.81000.127 [PI]	P0591-1269-00001 [PR]	P0591-1270-00001 [PR]			P0591-1208-00001 [PR]	P0591-1209-00001 [PR]
29100397 [LVD]		6930003252 [BLM]				

NUKON® LENS - SPARE PARTS - MAINTENANCE

Lens F=125mm with Lens Holder 9NP1262	Lens F=200mm with Lens Holder 9NP1263	Mounting Tool WH1115 9NP281569	Mounting Tool WH1120 9NP281616	Tool for Lens Mounting 9NP11033	Protection Glass Ø22.35 8NP0360	Upper Protec. Window Ø21.5 D2 8NP791/2
						
P0591-1262-00001 [PR]	P0591-1263-00001 [PR]	P0001-115-00001 [PR]	P0001-120-00001 [PR]		P0589-360-00002 [PR]	P0588-1022-00002 [PR]

Cleaning Mainten. Optic Fiber 9AB667	Cleaning Sticks Co2/Fiber Lasers 9AB316	Large Cleaning sticks for CO2/Fiber laser 9AB314	Cotton Discs 9AB318	Laser Protec. Fibre LB8 Uvex® 9UN675	Latex Tip-Protections 9AB501	Acetone Cleaning Fluid 9AB350
						
	1222024 [TR]					

Isopropyl Alcohol Spray 200ml 9AB375	Non-Flammable Compr. AIR 400ml 9AB370	Lens Cleaning Paper 7x12cm 9IF150	Mocap Sticker Set for Outlet Covering 9AB042
			
		500822 [BY]	
			PBVM0-042-878K [PR]



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EAGLE® NOZZLES

100P Laser Fibra Nozzle	Double ANC Nozzle	Cylindrical Nozzle	Single non Chromed Nozzle	Type S FE Nozzle	E-Eco Cut Chromed Nozzle
					
1EG1035W 50	1EG1043W 20 15D	1EG1010W Ø5.0	1EG1060W Ø0.8	1AF408 Ø0.8	1AF102W Ø0.8
1EG1036W 60	1EG1048W 40 20D	1EG1011W Ø5.5	1EG1061W Ø1.0	1AF410 Ø1.0	1AF103W Ø1.0
1EG1037W 70	1EG1050W 50 20D	1EG1012W Ø6.0	1EG1062W Ø1.2	1AF412 Ø1.2	1AF112W Ø1.2
	1EG1045W 30 15D	1EG1014W Ø7.0	1EG1063W Ø1.4	1AF414 Ø1.4	1AF107W Ø1.5
	1EG1046W 30 20D		1EG1064W Ø1.5		1AF110W Ø2.0
			1EG1065W Ø1.7		1AF113W Ø2.5
			1EG1066W Ø2.0		1AF105W Ø3.0
			1EG1067W Ø2.5		
			1EG1068W Ø3.0		
			1EG1069W Ø4.0		

Eco Cut Chromed Nozzle	E-Eco Cut Double Chromed Nozzle	AL Double Chromed Nozzle	F Hard Chromed Double Nozzle	F Double Nozzle	OCC Chromed Nozzle
					
1AF124W Ø1.4	1AF109W Ø1.2	1AF141 Ø4.0	1AF420CK Ø2.0	1AF420 Ø2.0	1AF215 Ø1.5
1AF115W Ø1.5	1AF114W Ø1.4			1AF425 Ø2.5	1AF220 Ø2.0
1AF108W Ø1.7	1AF116W Ø1.7			1AF440 Ø4.0	1AF230 Ø3.0
1AF120W Ø2.0	1AF117W Ø2.0				
1AF111W Ø2.3	1AF125W Ø2.5				
1AF122W Ø2.5	1AF131W Ø3.0				
1AF130W Ø3.0	1AF140W Ø4.0				
1AF106W Ø4.0					

CC Double Chromed Nozzle	CC Special Chrome Double Nozzle	CC Chromed Double Nozzle	CC AL Double Nozzle	SC Silky Cut Double Nozzle
				
1AF025 Ø2.5	1AF250 Ø5.0	1AF270 Ø7.0	1AF272 Ø7.0	1AF271 Ø7.0
1AF240 Ø4.0	1AF260 Ø6.0			

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EAGLE® LENS - SPARE PARTS - MAINTENANCE

Focus Loupe for Focus Centering 9AB024	Prot. Window Sapphire Ø62x9.5mm 8AL629	Cleaning Sticks Co2/Fiber Lasers 9AB316	Large Cleaning sticks for CO2/Fiber laser 9AB314	Cotton Discs 9AB318	Laser Protec. Fibre LB8 Uvex® 9UN675	Latex Tip-Protections 9AB501
						
		1222024 [TR]				

Acetone Cleaning Fluid 9AB350	Isopropyl Alcohol Spray 200ml 9AB375	Non-Flammable Compr. AIR 400ml 9AB370	Lens Cleaning Paper 7x12cm 9IF150	Mocap Sticker Set for Outlet Covering 9AB042
				
			500822 [BY]	
				PBVM0-042-878K [PR]



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