

MIG/MAG Welding Torch RB 610 D liquid-cooled



BINZEL. The right welding torch for every job!

BINZEL liquid cooled welding torches incorporate the high quality and technology needed for trouble-free performance whatever the welding job. All BINZEL torches are constructed to the highest standards and offer the greatest working comfort.

BINZEL torch features:

- Optimum cooling of the torch, extending torch life
- An ergonomic handle, ensuring comfort in every position
- Light and flexible cable assemblies, designed to reduce fatigue

Technical data:

Rating: 500 A without Gas
650 A CO₂
100% Duty Cycle
Wire sizes: 1.6 - 3.2

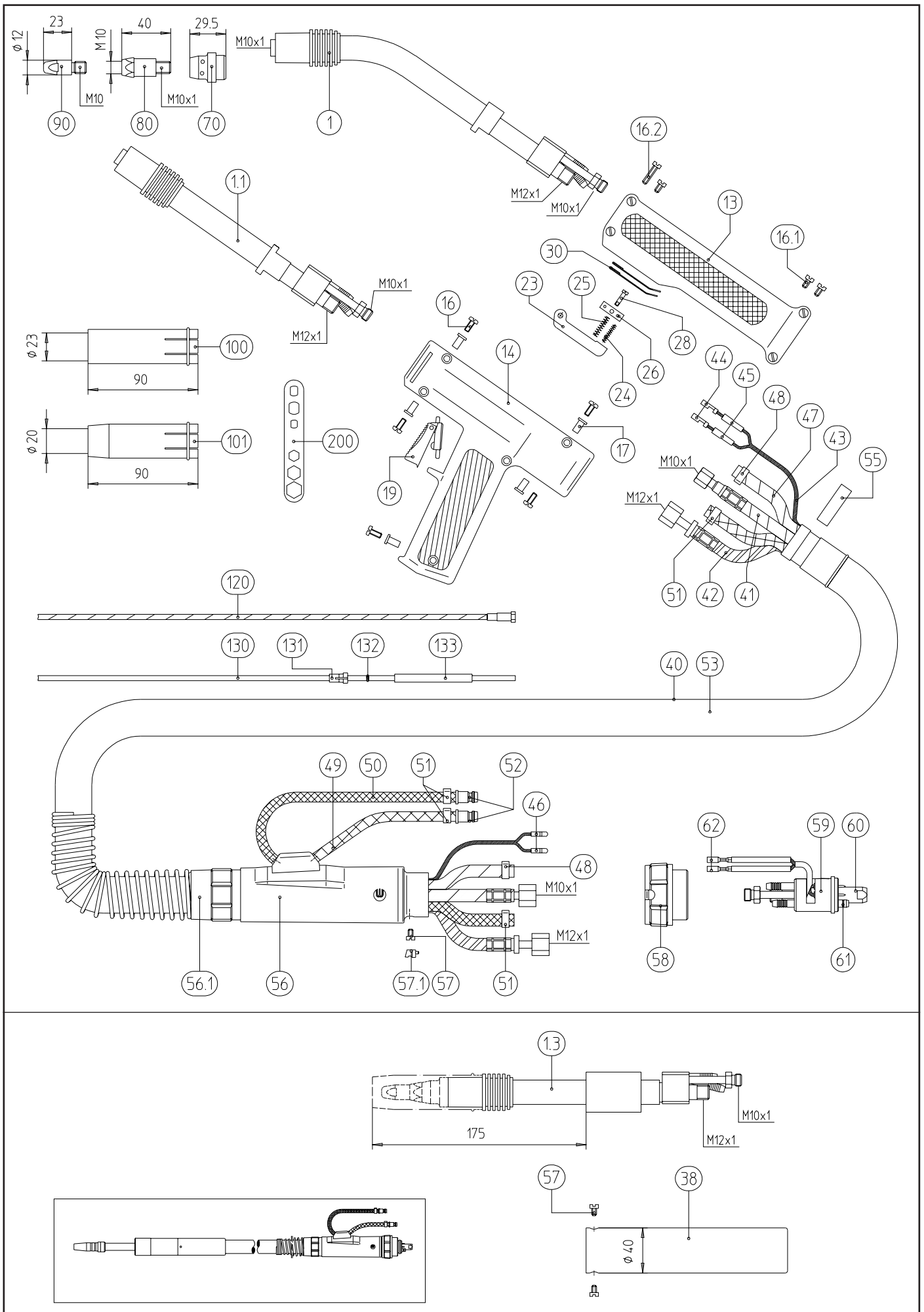
- Robust construction for durability and extended torch life
- A connecting system that allows easy torch changes

Rated using power source with VDE standard volt/amp characteristic ($U=14+0,05xI$).
When pulse welding, reduce rating by 35%. Recommended cooling capacity of water recirculator ca. 800 W.

Type	Handle/Version	3.00 m long		4.00 m long	
		Part no.		Part no.	
RB 610 D	Industrial	035.0037		035.0025	
RP 610 D	Handle tube, straight	035.0032		035.0034	
AUT 610 D	Handle tube, bent	935.0010		Special lengths upon request!	

Welding & cutting brought to the point.





Build group	Pos.	Description	Specifications	Part no.	
Torch	1	Swan neck RB 610 D, 35° bent		035.0001	
	1.1	Swan neck RP 610 D, straight		035.0002	
	1.3	Swan neck AUT 610 D, straight		935.0001	
Handle	13	Industrial handle blue, cpl.		180.0029	
	14	Pistol grip, cpl., with trigger		180.0024	
	16	Screw M4x10	20 pcs.	000.0578	
	16.1	Screw M4x10	20 pcs.	000.0556	
	16.2	Screw M4x20	20 pcs.	000.0558	
	17	Insert bush M4	10 pcs.	400.0095	
	19	Trigger 2 pol.		185.0005	
	23	Trigger		400.0032	
	24	Trigger spring, small	20 pcs.	400.0056	
	25	Pressure spring	20 pcs.	400.0037	
	26	Trigger blade center	20 pcs.	400.0038	
	28	Center blade screw	20 pcs.	400.0036	
	30	Trigger blade	20 pcs.	400.0049	
	38	Handle tube AUT		180.0014	
	Cable assembly	40	Cable assembly without quick connector	3.00 m	035.0019
			Cable assembly without quick connector	4.00 m	035.0021
41		Power cable	for 3.00 m	115.0034	
		Power cable	for 4.00 m	115.0039	
42		Wire conduit, black	for 3.00 m	151.0010	
		Wire conduit, black	for 4.00 m	151.0011	
43		Control cable 2 pol.	per meter	100.0019	
44		Trigger wire connector	20 pcs.	175.0022	
45		Insulating sleeve	20 pcs.	400.0119	
46		Trigger wire connector, male	20 pcs.	175.0004	
47		Hose 30 black Ø 4.9x1.5	per meter	109.0040	
48		Hose clamp Ø 8.7 mm	20 pcs.	171.0002	
49		Hose 47 blue Ø 5.5x1.5	per meter	109.0057	
50		Hose 46 red Ø 5.5x1.5 cpl. with quick connector ND5	600 mm	103.0108	
w/o. fig.		Hose 46 red Ø 5.5x1.5	per meter	109.0056	
51		Hose clamp Ø 9.0 mm with ring (mark 9.5)	20 pcs.	173.0001	
52		Quick connector	20 pcs.	501.0114	
53		Outer cover Ø 28x1.5	per meter	107.0055	
55		Fastening ring		400.0097	
56	Cable support 2 consisting of:		501.0342		
	Cable support		501.2379		
	Hose guide with hole		500.0334		

Build group	Pos.	Description	Specifications	Part no.
Cable assembly	56.1	Connecting set machine side ND 31 consisting of:		501.2237
		Cable support spring		500.0274
		Biclip inside		400.0328
		Biclip Outside		400.0329
	57	Screw M4x6	20 pcs.	000.0552
	57.1	Covering cap 1	20 pcs.	500.0251
	58	Adaptor nut		501.0213
	59	Central adaptor block RWZ-2 with control leads		501.0077
		Central adaptor block RWZ-2 without control leads		501.0078
	60	Liner positioner nut M14x1	20 pcs.	501.0129
	61	O-ring 4x1	20 pcs.	165.0002
	62	Trigger wire connector, female	20 pcs.	175.0003
	Wear parts	70	Gas diffuser	• 10 pcs.
80		Contact tip holder M10, 40.0 mm	• 10 pcs.	142.0032
90		Contact tip M10 CuCrZr, Ø 1.6	10 pcs.	140.0616
		Contact tip M10 CuCrZr, Ø 2.0	10 pcs.	140.0665
		Contact tip M10 CuCrZr, Ø 2.4	• 10 pcs.	140.0698
		Contact tip M10 CuCrZr, Ø 2.8	10 pcs.	140.0712
		Contact tip M10 CuCrZr, Ø 3.2	10 pcs.	140.0734
100		Gas nozzle, cylindrical ND Ø 23.0	10 pcs.	145.0048
101		Gas nozzle, conical ND Ø 20.0	• 10 pcs.	145.0081
120		Guide spiral liner blank 2.8/6.3 with nipple for wire ¹⁾ Ø 1.6-2.0	for 3.00 m for 4.00 m	122.0066 122.0067
		Guide spiral liner blank 3.5/7.0 with nipple for wire ¹⁾ Ø 2.4	• for 3.00 m • for 4.00 m	122.0079 122.0080
		Guide spiral liner blank 4.5/7.0 with nipple for wire ¹⁾ Ø 2.8-3.2	for 3.00 m for 4.00 m	122.0083 122.0084

¹⁾ Applicable for GMA welding of unalloyed and low-alloyed steels (DIN 8555 and 8559).

- Standard - Equipment

The positions indicating "per meter" are available in commercial lengths.

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Alexander Binzel Schweisstechnik GmbH & Co. KG
P.O. Box 10 01 53 · D-35331 Giessen
Tel.: ++49 (0) 64 08 / 59-0
Fax: ++49 (0) 64 08 / 59-194
Internet: www.binzel-abicor.com

