

MIG/MAG Welding Torch RB 61 GD air-cooled



BINZEL. The right welding torch for every job!

BINZEL air 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 CO₂
400 A without Gas
60% Duty Cycle
Wire sizes: 1.6 - 3.2

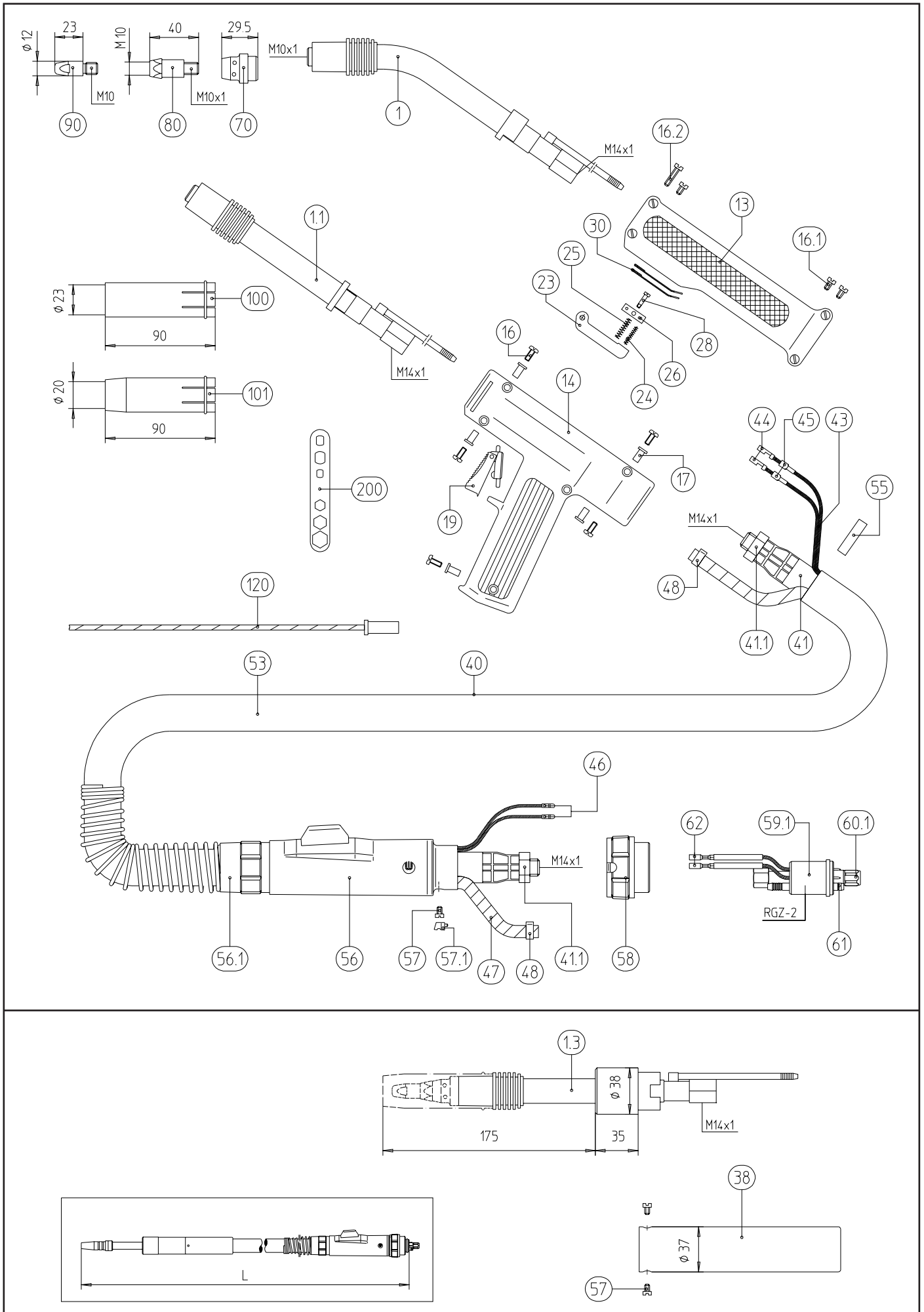
- Robust construction for durability and extended torch life
- A connecting system that allows easy torch changes

Rated using power source with VDE standard volt/amp characteristic ($U=14+0,05xI$).
When pulse welding, reduce rating by 35%.

Type	Handle/Version	3.00 m long	4.00 m long
		Part no.	Part no.
RB 61 GD	Blue/industrial	013.0053	013.0054
RB 61 GD 0	Handle, pistol-type	013.0059	013.0060
AUT 61 GD 0	Handle tube, straight	913.0015	Special lengths upon request!

Welding & cutting brought to the point.





Build group	Pos.	Description	Specifications	Part no.	
Torch	1	Swan neck RB 61 GD, 35° bent		013.0001	
	1.1	Swan neck RP 61 GD, straight		013.0002	
	1.3	Swan neck AUT 61 GD, straight		913.0001	
Handle	13	Industrial handle, cpl.		180.0029	
	14	Handle, pistol-type		180.0024	
	16	Counterscrew M4x10	20 pcs.	000.0578	
	16.1	Screw M4x10	20 pcs.	000.0554	
	16.2	Screw M4x20	20 pcs.	000.0558	
	17	Insert bush M4	20 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		180.0001	
	Cable assembly	40	Cable assembly, without central adaptor block	3.00 m	013.0035
			Cable assembly, without central adaptor block	4.00 m	013.0038
41		Bikox power cable 3.00 m	B10	160.0549	
		Bikox power cable 4.00 m	B10	160.0560	
41.1		Hexagon nut M14x1	10 pcs.	500.0085	
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	
53		Outer cover Ø 28x1.5	per meter	107.0055	
55		Fastening ring		400.0097	
56		Support adaptor consisting of:		501.2278	
		Cable support		501.2379	
		Cover		500.0303	
56.1		Connecting set machine side NW 31		501.2237	
		Cable support spring NW 31		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		500.0213		

Build group	Pos.	Description	Specifications	Part no.
Cable assembly	59.1	Central adaptor block RGZ-2 with control leads		501.0054
	60.1	Liner positioner nut M14x1	10 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.	013.0030
	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	122.0066
			for 4.00 m	122.0067
		Guide spiral liner blank 3.5/7.0 with nipple for wire ¹⁾ Ø 2.4	• for 3.00 m	122.0079
			• for 4.00 m	122.0080
		Guide spiral liner blank 4.5/7.0 with nipple for wire ¹⁾ Ø 2.8-3.2	for 3.00 m	122.0083
			for 4.00 m	122.0084

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

- Standard equipment

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

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