

# MIG/MAG Welding Torch ABIMIG® 240 D WT liquid-cooled, with divided liner



BINZEL. The welding torch for every job!

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

The advantages:

- Rotateable neck change system, ergonomic welding and time-saving torch neck change
- Optimum cooling of the torch, extending torch life
- An ergonomic handle, ensuring comfort in every position

#### Technical data (EN 50 078):

Rating: 300 A CO<sub>2</sub>  
270 A Mixed Gases M 21 (DIN EN 439)  
100% Duty Cycle  
Wire sizes: 0.8 - 1.2

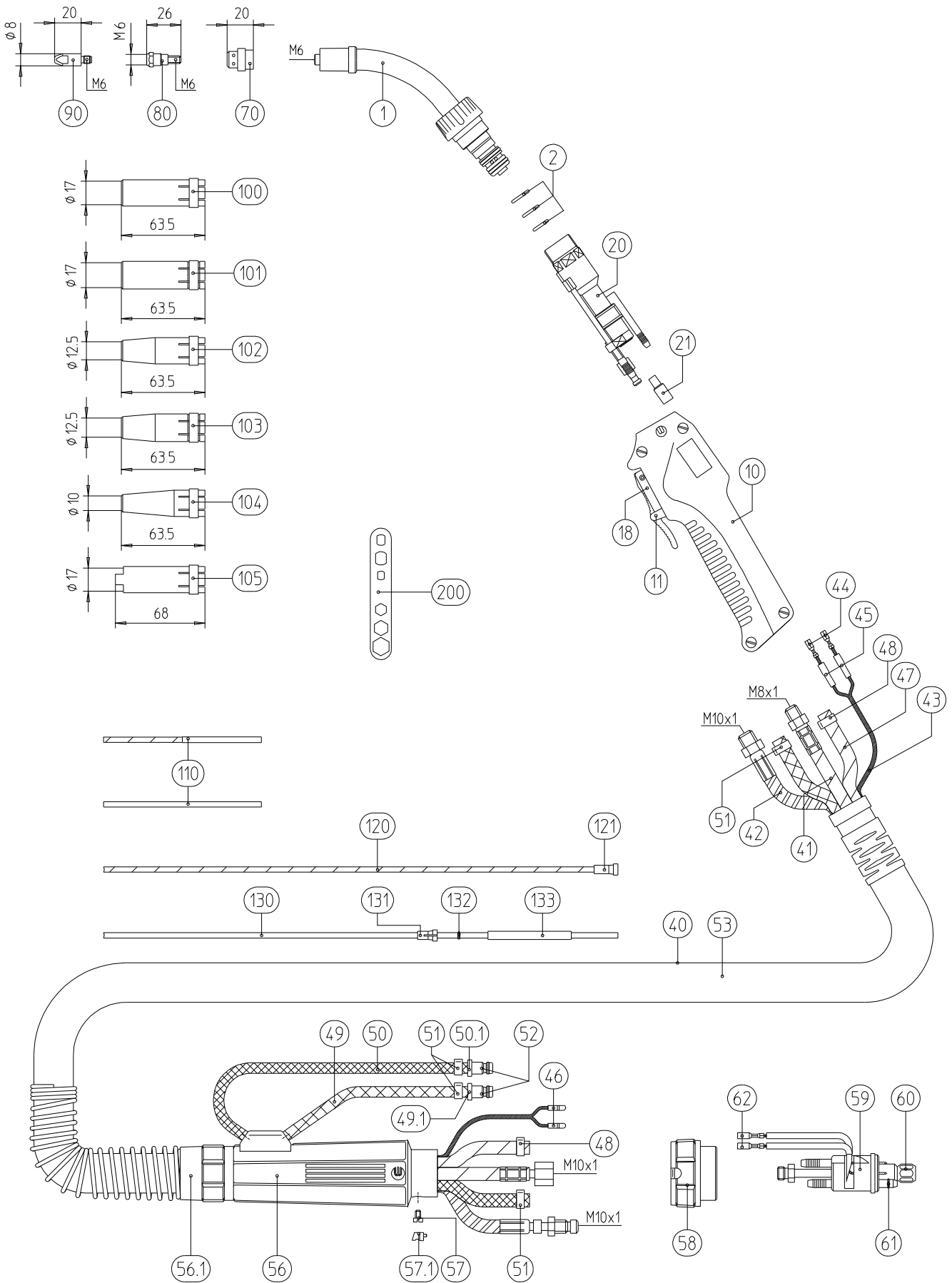
- Light and flexible cable assemblies, designed to reduce fatigue
- Robust construction for durability and extended torch life
- A connecting system that allows easy torch changes

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	Version	3.00 m long Part no.	4.00 m long Part no.	5.00 m long Part no.
ABIMIG® 240 D WT	V-Handle, WZ-2, HDH	023.D015	023.D016	023.D017

Welding & cutting brought to the point.





<b>Build group</b>	<b>Pos.</b>	<b>Description</b>	<b>Specifications</b>	<b>Part no.</b>
<b>Torch</b>	1	Swan neck ABIMIG® 240 D WT, 50° bent		023.D018
	2	O-ring, large		165.D012
		O-ring, medium		165.D016
		O-ring, small		165.D011
<b>Handle</b>	10	Handle, cpl.		180.D201
	11	Switch guard		400.D252
	18	Trigger		185.D037
	20	Swan neck adaptor		033.D104
	21	Insulating liner		131.D018
<b>Cable assembly</b>	40	Cable assembly, cpl. HDH	3.00 m	388.0027
		Cable assembly, cpl. HDH	4.00 m	388.0028
		Cable assembly, cpl. HDH	5.00 m	388.0036
	41	Power cable air/liquid cooled	for 3.00 m	115.0379
		Power cable air/liquid cooled	for 4.00 m	115.0380
		Power cable air/liquid cooled	for 5.00 m	115.0381
	42	Wire conduit, cpl.	for 3.00 m	156.0019
		Wire conduit, cpl.	for 4.00 m	156.0023
		Wire conduit, cpl.	for 5.00 m	156.0026
	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 4.9x1.5	per meter	109.0040
	48	Hose clamp Ø 8.7 mm	20 pcs.	171.0002
	49	Hose 42 HDH black, 5.5x1.5	per meter	109.0052
	49.1	Code color ring blue	20 pcs.	501.2167
	50	Hose 42 HDH 5.5x1.5 with quick connector 0.6 m		103.0112
	50.1	Code color ring red	20 pcs.	501.2166
	51	Hose clamp D=10.0 mm with ring	20 pcs.	173.0002
	52	Quick connector	20 pcs.	501.0114
	53	Outer cover with cable support Ø 25x1.5	for 3.00 m	107.0079
		Outer cover with cable support Ø 25x1.5	for 4.00 m	107.0044
		Outer cover with cable support Ø 25x1.5	for 5.00 m	107.0080
	56	Cable support machine side 2		500.0342
	56.1	Connecting set machine side NW 29		501.2236
	57	Screw M4x6	20 pcs.	000.0552
57.1	Covering cap 1	20 pcs.	500.0251	
58	Adaptor nut		500.0213	
59	Central adaptor block WZ-2		501.0015	
60	Nut M10x1	10 pcs.	501.0082	
61	O-ring 4x1	20 pcs.	165.0002	

Build group	Pos.	Description	Specifications	Part no.
Wear parts	70	Gas diffusor white	10 pcs.	012.0183
	80	Contact tip holder M6; 26.0 mm	• 10 pcs.	142.0003
	90	Contact tip M6 E-Cu; Ø 0.8	10 pcs.	140.0051
		Contact tip M6 E-Cu; Ø 1.0	• 10 pcs.	140.0242
		Contact tip M6 E-Cu; Ø 1.2	10 pcs.	140.0379
		Contact tip M6 CuCrZr; Ø 0.8	10 pcs.	140.0054
		Contact tip M6 CuCrZr; Ø 1.0	10 pcs.	140.0245
		Contact tip M6 CuCrZr; Ø 1.2	10 pcs.	140.0382
		Contact tip M6 E-Cu; Ø 0.8 for alu wire	10 pcs.	141.0001
		Contact tip M6 E-Cu; Ø 1.0 for alu wire	10 pcs.	141.0006
		Contact tip M6 E-Cu; Ø 1.2 for alu wire	10 pcs.	141.0010
	100	Gas nozzle, cylindrical; ND Ø 17.0	10 pcs.	145.0047
	101	Gas nozzle, cylindrical, heavy duty; ND Ø 17.0	10 pcs.	145.0062
	102	Gas nozzle, conical; ND Ø 12.5	• 10 pcs.	145.0080
	103	Gas nozzle, conical, heavy duty; ND Ø 12.5	10 pcs.	145.0101
	104	Gas nozzle, tapered; ND Ø 10.0	10 pcs.	145.0128
	105	Spot weld gas nozzle; ND Ø 17.0	10 pcs.	145.0174
	110	Swan neck liner pink for wire <sup>1)</sup> up to Ø 1.2		123.D097
		Swan neck liner brass for wire <sup>2)</sup> up to Ø 1.0		120.D145
		Swan neck liner brass for wire <sup>2)</sup> up to Ø 1.4		120.D145
		Swan neck core liner teflon 1.5/4.0 blue with collet and o-ring for wire <sup>2)</sup> Ø 0.8-1.0		126.D001
		Swan neck core liner teflon 2.0/4.0 blue with collet and o-ring for wire <sup>2)</sup> Ø 1.0-1.2		126.D002
	120	Liner-steel 1.5/4.0 with nipple for wire <sup>1)</sup> Ø 0.8	for 3.00 m	122.D079
			for 4.00 m	122.D080
			for 5.00 m	122.D081
		Liner-steel 2.0/4.5 with nipple for wire <sup>1)</sup> Ø 1.0-1.2	for 3.00 m	122.D082
			• for 4.00 m	122.D083
			for 5.00 m	122.D084
	121	Collet for core liner 1.5/4.0	20 pcs.	131.D019
		Collet for core liner 2.0/4.5	20 pcs.	131.D020
	130	Teflon core liner 1.5/4.0 blue with collet and o-ring for wire <sup>2)</sup> Ø 0.8-1.0	for 3.00 m	126.0005
			for 4.00 m	126.0008
			for 5.00 m	126.0011
		Teflon core liner 2.0/4.0 red with collet and o-ring for wire <sup>2)</sup> Ø 1.0-1.2	for 3.00 m	126.0021
			for 4.00 m	126.0026
			for 5.00 m	126.0028
		Carbon teflon core liner 1.5/4.0 with collet and o-ring for wire <sup>2)</sup> Ø 0.8-1.0	for 3.00 m	127.0002
		for 4.00 m	127.0003	
		for 5.00 m	127.0004	
	Carbon teflon core liner 2.0/4.0 with collet and o-ring for wire <sup>2)</sup> Ø 1.0-1.2	for 3.00 m	127.0005	
		for 4.00 m	127.0007	
		for 5.00 m	127.0008	

Build group	Pos.	Description	Specifications	Part no.
<b>Wear parts</b>	130	Polyamid liner <sup>3)</sup> 2.0/4.0 with collet and o-ring for wire <sup>2)</sup> Ø 1.0-1.2	for 3.00 m	128.0012
			for 4.00 m	128.0015
			for 5.00 m	128.0016
	131	Collet for core liner with outer diameter 4.0	20 pcs.	131.0001
	132	O-ring 3.5x1.5	20 pcs.	165.0008
133	Guide tube for core liners up to outer diameter 4.0	up to 200 mm	129.XXXX	
<b>Accessories</b>	200	Spanner	10 pcs.	191.0001
	w/o fig.	Coolant BTC-15	5 l Container	192.0110
		Coolant BTC-15	10 l Container	192.0111
		Coolant BTC-15	200 l Barrel	192.0112
		Sealing grease	10 g tin	192.0078

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

<sup>2)</sup> Applicable for GMA welding of aluminium (DIN 1732), copper and copper alloys (DIN 1733) and nickel/nickel alloys (DIN 1736); also for use with GMA welding of stainless and heat resistant steels (DIN 8556).

<sup>3)</sup> Applicable up to max. 150° C.

- Standard - Equipment

When ordering goods sold by the metre, please refer to your dealer for details on roll length.

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