

MIG/MAG Welding Torch MB 25 AK air-cooled



ABICOR 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 (EN 60 974-7):

Rating: 230 A CO₂
200 A Mixed Gases M 21
(DIN EN 439)
60% Duty Cycle
Wire sizes: 0.8 - 1.2

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

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	5.00 m long
		Part no.	Part no.	Part no.
MB 25 AK	Ergonomic	004.0312	004.0313	004.0314
AUT 25 AK	Handle tube, straight	904.0026	Special lengths	
	Handle tube, bent	904.0027	upon request!	

NB: MB 25 AK and AUT 25 AK also available with screw gas nozzle.

Welding & cutting brought to the point.



Build group	Pos.	Description	Specifications	Part no.
Torch	1	Swan neck MB 25 AK, 50° bent		004.0012
	w/o fig.	Swan neck MB 25 AK, flexible		004.0032
	1.3	Swan neck AUT 25 AK, straight		904.0003
	1.4	Swan neck AUT 25 AK, 45° bent		904.0004
	4	Nozzle spring	20 pcs.	003.0013
	6	Torch body, brass		400.0114
	7	Torch body, plastic		400.0044
Handle	10	Ergonomic handle, cpl., with trigger		180.0076
		Handle, top		400.0333
		Handle, bottom		400.0335
		Lock ring NW 31		400.0297
		Screw 18x8	20 pcs.	400.0340
		Screw 3.5x9.5	20 pcs.	079.0034
	18	Trigger 2 pol.		185.0031
	38	Handle tube AUT		180.0001
Cable assembly	40	Bikox power cable 3.00 m	B5	160.0128
		Bikox power cable 4.00 m	B5	160.0142
		Bikox power cable 5.00 m	B5	160.0155
	w/o fig.	Outer cover for Bikox	per meter	by request
	40.1	Hexagon nut M10x1	10 pcs.	001.0009
	44	Trigger wire connector	20 pcs.	175.0022
	45	Insulating sleeve	20 pcs.	400.0119
	46	Trigger wire connector, male	20 pcs.	175.0004
	54	Cable support spring NW 19		500.0225
	56	Cable support machine side		501.2248
	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 KZ-2 with control leads		501.0003
		Central adaptor block KZ-2 without control leads		501.0028
	60	Nut M10x1	10 pcs.	501.0082
61	O-ring 4x1	20 pcs.	165.0002	
62	Trigger wire connector, female	20 pcs.	175.0003	
Wear parts	80	Contact tip holder M6, 35.0 mm	• 10 pcs.	142.0001
	90	Contact tip M6 E-Cu, Ø 0.8 ³⁾	10 pcs.	140.0051
		Contact tip M6 E-Cu, Ø 1.0 ³⁾	• 10 pcs.	140.0242
		Contact tip M6 E-Cu, Ø 1.2 ³⁾	10 pcs.	140.0379
		Contact tip M6 CuCrZr, Ø 0.8 ³⁾	10 pcs.	140.0054
		Contact tip M6 CuCrZr, Ø 1.0 ³⁾	10 pcs.	140.0245
		Contact tip M6 CuCrZr, Ø 1.2 ³⁾	10 pcs.	140.0382
		Contact tip M6 E-Cu, Ø 0.8 for alu wire ³⁾	10 pcs.	141.0001
		Contact tip M6 E-Cu, Ø 1.0 for alu wire ³⁾	10 pcs.	141.0006

Build group	Pos.	Description	Specifications	Part no.
Wear parts	100	Gas nozzle, cylindrical ND Ø 18.0	10 pcs.	145.0042
	102	Gas nozzle, conical ND Ø 15.0	• 10 pcs.	145.0076
	103	Gas nozzle, conical, with extended insulation ND Ø 15.0	10 pcs.	145.0100
	104	Gas nozzle, conical ND Ø 11.5	10 pcs.	145.0124
	109	Spot weld, gas nozzle ND Ø 18.0	10 pcs.	145.0169
	120	Insulated liner 1.5/4.5 blue with nipple for wire ¹⁾ Ø 0.6-0.8	for 3.00 m for 4.00 m for 5.00 m	124.0011 124.0012 124.0015
		Insulated liner 2.0/4.5 red with nipple for wire ¹⁾ Ø 1.0-1.2	• for 3.00 m • for 4.00 m • for 5.00 m	124.0026 124.0031 124.0035
	130	Teflon core liner 1.5/4.0 blue with collet and o-ring for wire ²⁾ Ø 0.6-1.0	for 3.00 m for 4.00 m for 5.00 m	126.0005 126.0008 126.0011
		Teflon core liner 2.0/4.0 red with collet and o-ring for wire ²⁾ Ø 1.0-1.2	for 3.00 m for 4.00 m for 5.00 m	126.0021 126.0026 126.0028
		Carbon Teflon core liner 1.5/4.0 with collet and o-ring for wire ²⁾ Ø 0.6-1.0	for 3.00 m for 4.00 m for 5.00 m	127.0002 127.0003 127.0004
		Carbon Teflon core liner 2.0/4.0 with collet and o-ring for wire ²⁾ Ø 1.0-1.2	for 3.00 m for 4.00 m for 5.00 m	127.0005 127.0007 127.0008
	131	Collet for core liner at Ø 4.0	20 pcs.	131.0001
	132	O-ring 3.5x1.5	20 pcs.	165.0008
	133	Guide tube for core liners up to Ø 4.0	200 mm	129.0461
	140	Combined wire guide cpl. polyamide/brass 2.0/4.0 for wire Ø 1.0-1.2	for 3.00 m for 4.00 m for 5.00 m	128.M002 128.M003 128.M004
	141	Brass spiral made up with sleeve	200 mm	001.0305
	200	Spanner	10 pcs.	191.0001

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

²⁾ 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).

³⁾ As an alternative: Packing unit 50 pcs. Specification of order: 140.xxxx.50 or 141.xxxx.50.
• Standard - Equipment

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

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