

MIG/MAG Welding Torch MB 36 KD 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

Technische Daten nach EN 50 078:

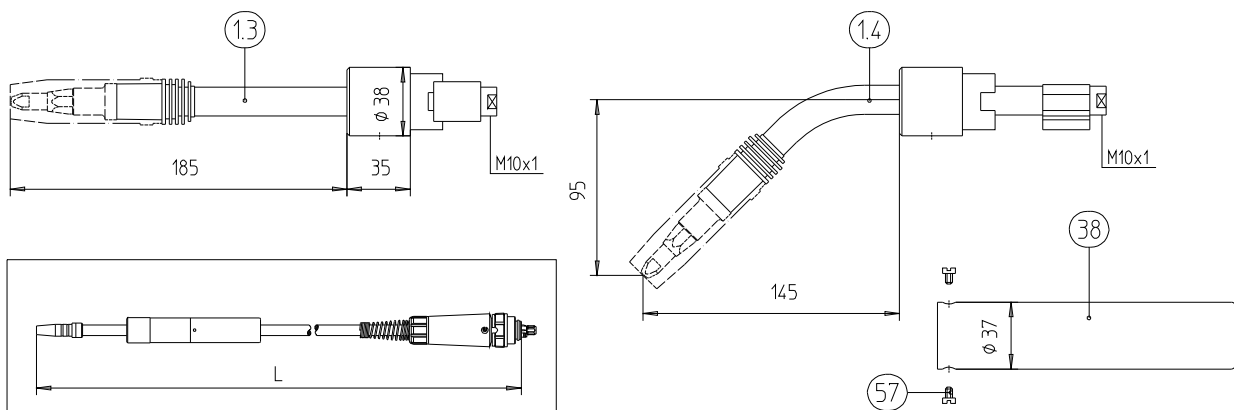
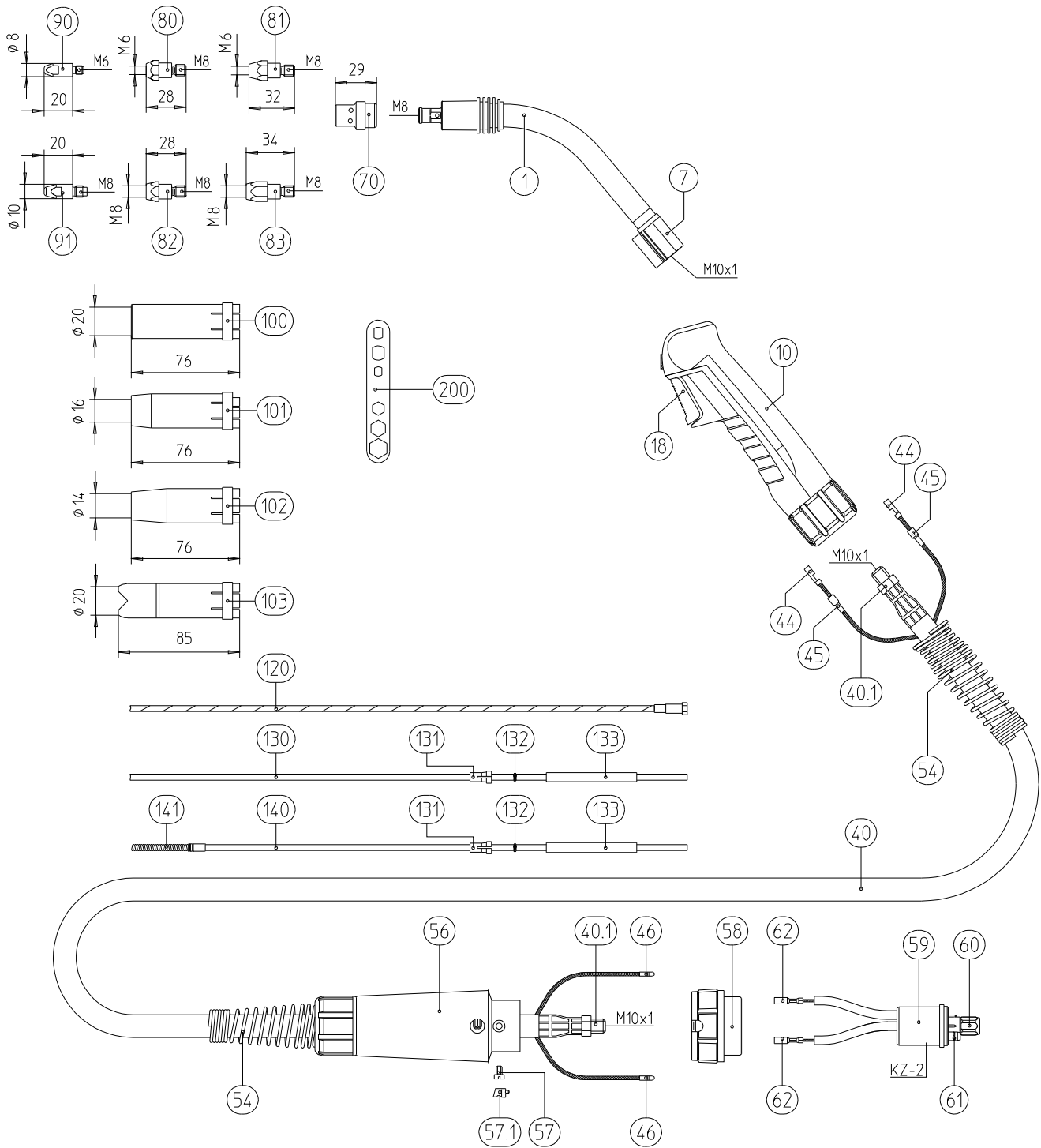
Belastung: 300 A CO₂
270 A Mischgas M 21
nach DIN EN 439
60% ED
Draht-ø: 0,8 - 1,2

- 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 | 5.00 m long |
|------------------|-----------------------|-------------|-----------------|-------------|
| | | Part no. | Part no. | Part no. |
| MB 36 KD | Ergonomic | 014.0143 | 014.0144 | 014.0145 |
| AUT 36 KD | Handle tube, straight | 914.0013 | Special lengths | |
| | Handle tube, bent | 914.0014 | upon request! | |

Welding & cutting brought to the point.





| Build group | Pos. | Description | Specifications | Part no. |
|-----------------------|---|---|----------------|------------|
| Torch | 1.1 | Swan neck MB 36 KD, 50° bent | | 014.0006 |
| | 1.3 | Swan neck AUT 36 KD, straight | | 914.0002 |
| | 1.4 | Swan neck AUT 36 KD, 45° bent | | 914.0001 |
| | 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 | B7 | 160.0364 |
| | | Bikox power cable 4.00 m | B7 | 160.0379 |
| | | Bikox power cable 5.00 m | B7 | 160.0391 |
| | 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 | | 500.0343 |
| | 56 | Cable support machine side | | 501.2248 |
| | 57 | Screw M4x6 | 20 pcs. | 000.0552 |
| | 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 | 70 | Gas diffusor, long life | 10 pcs. | 014.0026 |
| | | Gas diffusor, white | • 10 pcs. | 014.0261 |
| | 80 | Contact tip holder M6, 28.0 mm (short) | • 10 pcs. | 142.0005 |
| | 81 | Contact tip holder M6, 32.0 mm (long) | 10 pcs. | 142.0011 |
| | 82 | Contact tip holder M8; 28.0 mm (short) | VE 10 Stck. | 142.0020 |
| | 83 | Contact tip holder M8; 32.0 mm (long) | VE 10 Stck. | 142.0024 |
| | 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 | 91 | Contact tip M6 E-Cu; Ø 1.2 for alu wire ³⁾ | 10 pcs. | 141.0010 |
| | | Contact tip M8 E-Cu; Ø 0.8 ³⁾ | 10 pcs. | 140.0114 |
| | | Contact tip M8 E-Cu; Ø 1.0 ³⁾ | 10 pcs. | 140.0313 |
| | | Contact tip M8 E-Cu; Ø 1.2 ³⁾ | 10 pcs. | 140.0442 |
| | | Contact tip M8 CuCrZr; Ø 0.8 ³⁾ | 10 pcs. | 140.0117 |
| | | Contact tip M8 CuCrZr; Ø 1.0 ³⁾ | 10 pcs. | 140.0316 |
| | | Contact tip M8 CuCrZr; Ø 1.2 ³⁾ | 10 pcs. | 140.0445 |
| | | Contact tip M8 E-Cu; Ø 0.8 for alu wire | 10 pcs. | 141.0003 |
| | | Contact tip M8 E-Cu; Ø 1.0 for alu wire | 10 pcs. | 141.0008 |
| | | Contact tip M8 E-Cu; Ø 1.2 for alu wire ³⁾ | 10 pcs. | 141.0015 |
| | 104 | Gas nozzle, cylindrical ND Ø 19.0 | 10 pcs. | 145.0045 |
| | 105 | Gas nozzle, conical ND Ø 16.0 | • 10 pcs. | 145.0078 |
| | 106 | Gas nozzle, conical ND Ø 12.0 | 10 pcs. | 145.0126 |
| | 108 | Spot weld, gas nozzle ND Ø 20.0 | 10 pcs. | 145.0172 |
| | 120 | Guide spiral liner insulated 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 |
| | | Guide spiral liner insulated 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. PA/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 |

Build group

Explanations

Pos. Description Specifications Part no.

- 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.

Welding & cutting brought to the point.



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