

Spare parts list  
**MIG/MAG**  
**Welding Torches**  
**MB EVO**  
air & liquid cooled







## MIG/MAG Welding Torches

# MB EVO

## air & liquid cooled

The MB EVO torch series stands for a completely new handling concept that goes down new roads with regard to form and function. The welding torch forms a strong unit together with the welder's hand. The unique ergonomics as interplay between handle, trigger position, trigger design and ball joint construction guarantees a good feeling for welding in all working positions as well as the best results.

### Advantages MB EVO air cooled

- Genuine two-component handle – robust and ergonomic
- Optimum trigger position and tapered handle design – for precise and safe handling
- Special internal geometry with air cooled torches – for “cool” handles and maximum mechanical strength
- Proven “MB” wearing part concept – for a long service life
- Solid, size-optimised central connector

### Advantages MB EVO liquid cooled

- Genuine two-component handle – robust and ergonomic
- Proven “MB” wearing part concept and media hoses
- Optimum trigger position, tapered handle design and sophisticated ball joint construction – for best handling in all welding positions
- Easy to repair construction down to the last detail – best space conditions for the simplest maintenance measures
- Solid, size-optimised central connector with protected hose guide

### Technical data (EN 60 974-7)

#### MIG/MAG Welding Torches “MB EVO” (air cooled)

| Type             | Rating (A)      |                 | Duty cycle (%) | Wire size (mm) |
|------------------|-----------------|-----------------|----------------|----------------|
|                  | CO <sub>2</sub> | Mixed Gases M21 |                |                |
| <b>MB EVO 15</b> | 180 / 150       | 180 / 150       | 35 / 60        | 0.6–1.0        |
| <b>MB EVO 24</b> | 250             | 220             | 60             | 0.8–1.2        |
| <b>MB EVO 25</b> | 230             | 200             | 60             | 0.8–1.2        |
| <b>MB EVO 26</b> | 270             | 240             | 60             | 0.8–1.2        |
| <b>MB EVO 36</b> | 320             | 290             | 60             | 0.8–1.2        |

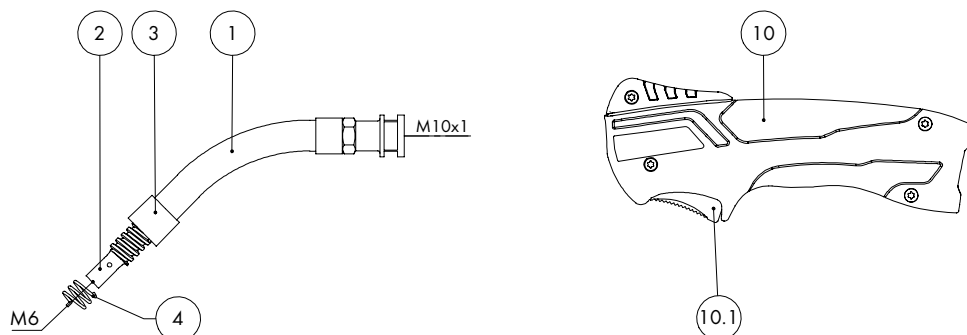
Subject to technical modifications.

#### MIG/MAG Welding Torches “MB EVO” (liquid cooled)

| Type                | Rating (A)      |                 | Duty cycle (%) | Wire size (mm) |
|---------------------|-----------------|-----------------|----------------|----------------|
|                     | CO <sub>2</sub> | Mixed Gases M21 |                |                |
| <b>MB EVO 240 D</b> | 300             | 270             | 100            | 0.8–1.2        |
| <b>MB EVO 401</b>   | 450             | 400             | 100            | 0.8–1.2        |
| <b>MB EVO 401 D</b> | 400             | 350             | 100            | 0.8–1.2        |
| <b>MB EVO 501</b>   | 550             | 500             | 100            | 1.0–1.6        |
| <b>MB EVO 501 D</b> | 500             | 450             | 100            | 1.0–1.6        |

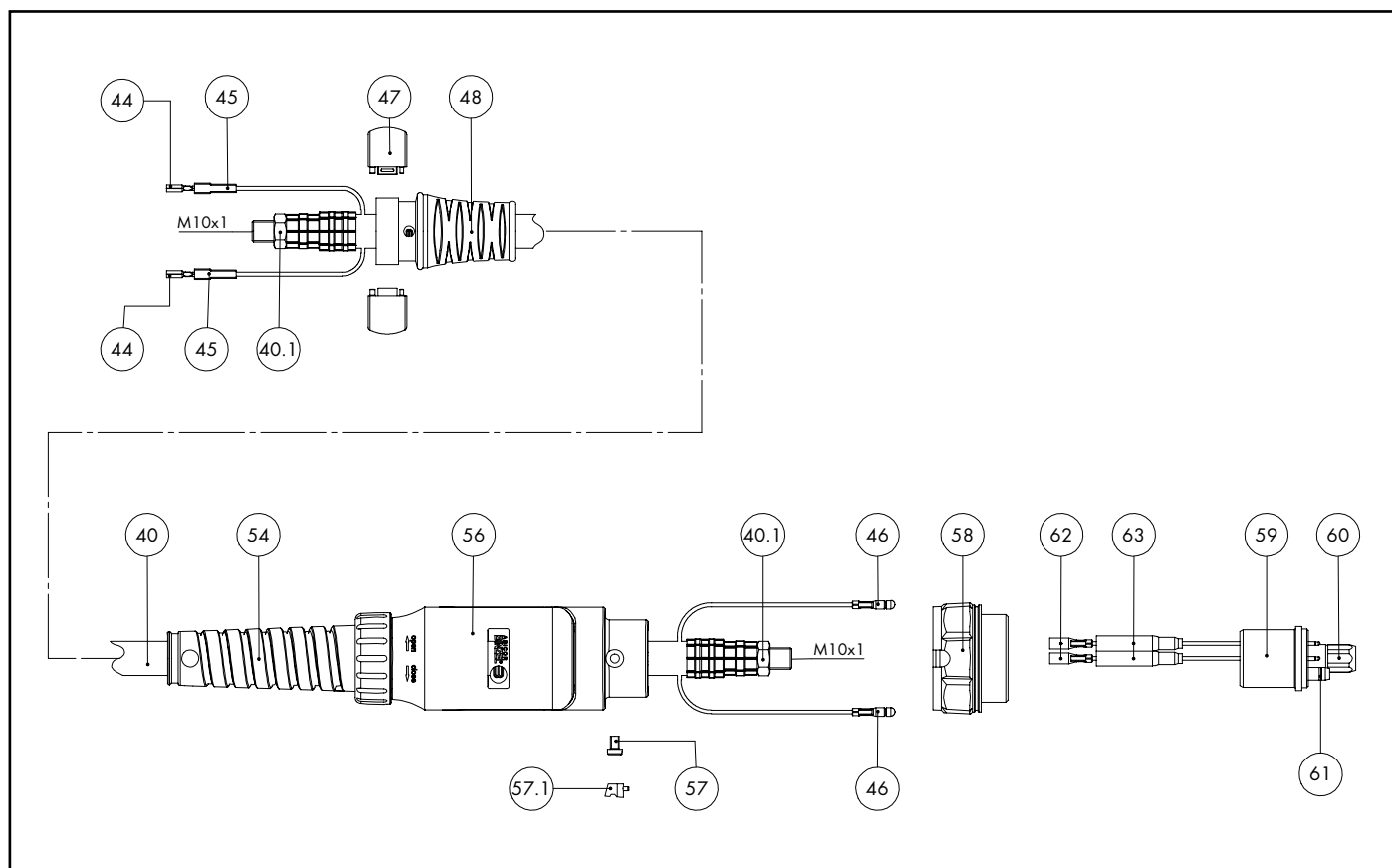
Subject to technical modifications.

# MIG/MAG Welding Torches MB EVO 15



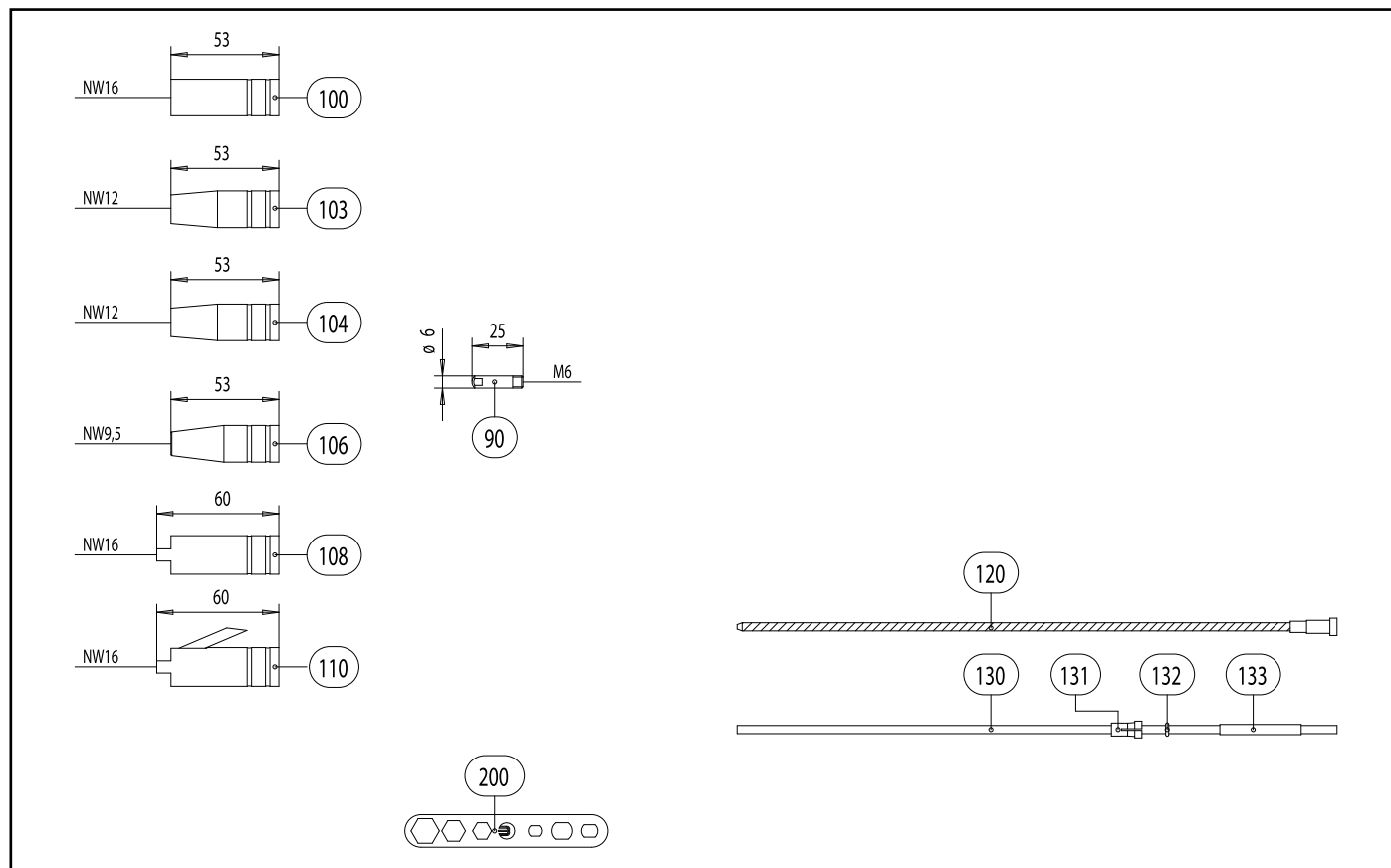
| Pos.                    | Description                                         | Details  | Part-No.   | Product group |
|-------------------------|-----------------------------------------------------|----------|------------|---------------|
| <b>Torch</b>            |                                                     |          |            |               |
|                         | MB EVO 15; central adaptor KZ-2; 3.00 m             |          | 002.0709.1 | 1063          |
|                         | MB EVO 15; central adaptor KZ-2; 4.00 m             |          | 002.0710.1 | 1063          |
|                         | MB EVO 15; central adaptor KZ-2; 5.00 m             |          | 002.0711.1 | 1063          |
| <b>Swan neck</b>        |                                                     |          |            |               |
| 1                       | Swan neck MB EVO PRO 15; 50° bent                   |          | 002.0715.1 | 1007          |
| 2                       | Gas nozzle holder                                   |          | 002.0078   | 1095          |
| 3                       | Head insulator                                      | 10 Pcs.  | 002.0050   | 1095          |
| 4                       | Nozzle spring                                       | 100 Pcs. | 002.0058   | 1095          |
| <b>Handle MB EVO 2K</b> |                                                     |          |            |               |
| 10                      | Handle MB EVO 2K; 2-pole ac complete                |          | 180.0178.1 | 1095          |
| 10.1                    | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO       |          | 185.0142.1 | 9010          |
| <b>Cable assembly</b>   |                                                     |          |            |               |
| 40                      | Bikox® power cable, R10 for 3.00 m                  |          | 160.1291.1 | 1511          |
| 40                      | Bikox® power cable, R10 for 4.00 m                  |          | 160.1292.1 | 1511          |
| 40                      | Bikox® power cable, R10 for 5.00 m                  |          | 160.1293.1 | 1511          |
| 40.1                    | Hexagon nut M10x1                                   | 10 Pcs.  | 001.0009   | 9010          |
| 44                      | Trigger wire connector                              | 20 Pcs.  | 175.0022   | 9010          |
| 45                      | Insulating sleeve                                   | 20 Pcs.  | 400.0119   | 1095          |
| 46                      | Male connector                                      | 20 Pcs.  | 175.0004   | 9010          |
| 47                      | Half ring D=37 black; MB EVO                        | 2 Pcs.   | 400.D451.2 | 1595          |
| 48                      | Cable support short ND 17-22                        |          | 400.D574.1 | 1595          |
| 54                      | Cable support ND 19                                 |          | 400.1010   | 1095          |
| 56                      | Connection housing ac complete; MB EVO PRO / MB EVO |          | 501.2673.1 | 9010          |
| 57                      | Pan head screw M4x6                                 | 20 Pcs.  | 000.0552   | 9010          |
| 57.1                    | Screw cap 1                                         | 20 Pcs.  | 500.0251   | 9010          |

# MIG/MAG Welding Torches MB EVO 15

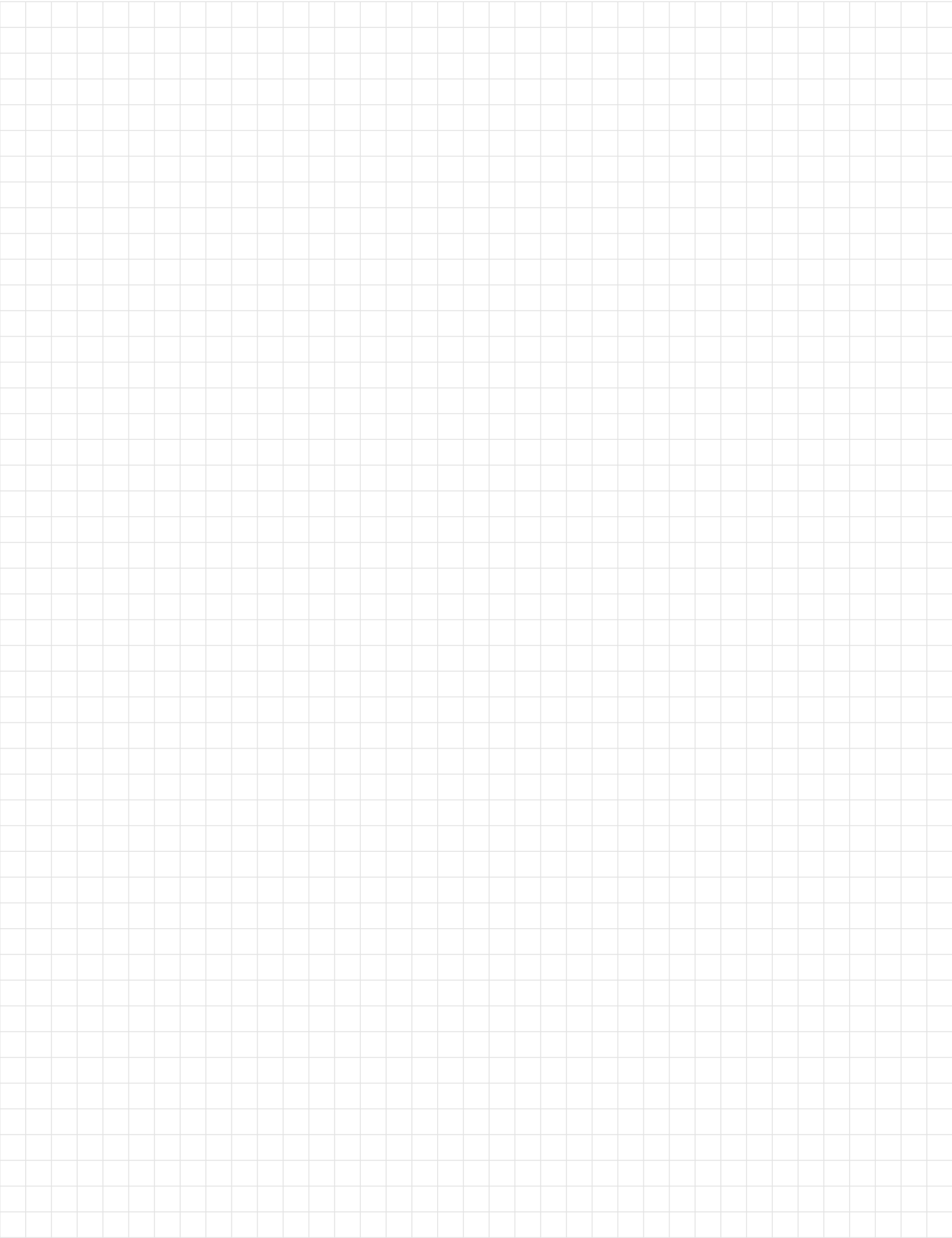


| Pos.              | Description                                                                 | Details | Part-No.    | Product group |
|-------------------|-----------------------------------------------------------------------------|---------|-------------|---------------|
| 58                | Adaptor nut M33x2                                                           |         | 500.0213    | 9010          |
| 59                | Central adaptor KZ-2                                                        |         | 501.0003    | 1095          |
| 60                | Coupling nut M10x1                                                          | 10 Pcs. | 501.D536    | 1595          |
| 61                | O-Ring 4x1                                                                  | 20 Pcs. | 165.0002    | 9010          |
| 62                | Trigger wire connector; female                                              | 20 Pcs. | 175.0003    | 9010          |
| 63                | Insulating sleeve for central adapter                                       | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts</b> |                                                                             |         |             |               |
| 90                | Contact tip M6 E-Cu; Ø 0.6 (6x25)                                           | 10 Pcs. | 140.0008    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 (6x25)                                           | 10 Pcs. | 140.0059    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 (6x25)                                           | 10 Pcs. | 140.0253    | 1030          |
| 90                | Contact tip M6 CuCrZr; Ø 0.6 (6x25)                                         | 10 Pcs. | 140.0855    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 0.8 (6x25)                                         | 10 Pcs. | 140.0062    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.0 (6x25)                                         | 10 Pcs. | 140.0256    | 1031          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 for alu wire (6x25)                              | 10 Pcs. | 141.0002    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 for alu wire (6x25)                              | 10 Pcs. | 141.0007    | 1030          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (6x25)                           | 10 Pcs. | 147.0062    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (6x25)                           | 10 Pcs. | 147.0256    | 1031          |
| 100               | Gas nozzle; cylindrical; ND Ø 16.0                                          | 10 Pcs. | 145.0041    | 1036          |
| 103               | Gas nozzle; conical; ND Ø 12.0                                              | 10 Pcs. | 145.0075    | 1036          |
| 104               | Gas nozzle; conical; with extended insulation; ND Ø 12.0                    | 10 Pcs. | 145.0107    | 1036          |
| 106               | Gas nozzle; tapered; ND Ø 9.5                                               | 10 Pcs. | 145.0123    | 1036          |
| 108               | Spot weld gas nozzle; ND Ø 16.0                                             | 10 Pcs. | 145.0168    | 1036          |
| 110               | Spot weld gas nozzle for pin-welding; ND Ø 16.0                             | 10 Pcs. | 145.0186    | 1036          |
| 120               | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 3.00 m |         | 124.0011    | 1034          |
| 120               | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 4.00 m |         | 124.0012    | 1034          |
| 120               | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 5.00 m |         | 124.0015    | 1034          |

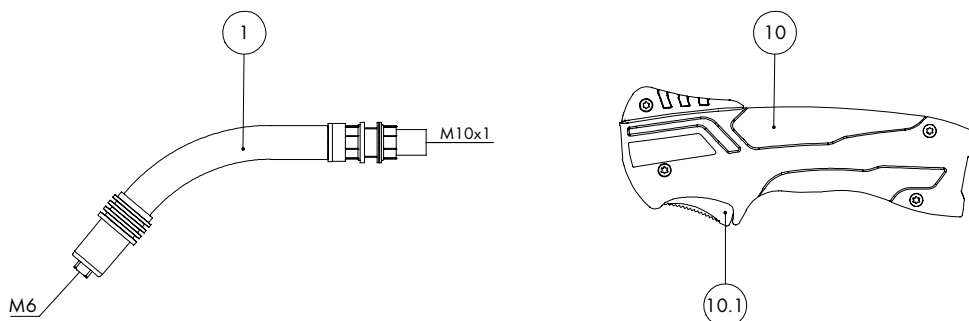
# MIG/MAG Welding Torches MB EVO 15



| Pos. | Description                                                                | Details | Part-No. | Product group |
|------|----------------------------------------------------------------------------|---------|----------|---------------|
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m |         | 124.0026 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m |         | 124.0031 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m |         | 124.0035 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 3.00 m        |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 4.00 m        |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 5.00 m        |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 3.00 m         |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 4.00 m         |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 5.00 m         |         | 126.0028 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 3.00 m       |         | 127.0002 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 4.00 m       |         | 127.0003 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 5.00 m       |         | 127.0004 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 3.00 m       |         | 127.0005 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 4.00 m       |         | 127.0007 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 5.00 m       |         | 127.0008 | 1034          |
| 131  | Nipple for core liner at Ø 4.0                                             | 20 Pcs. | 131.0001 | 1095          |
| 132  | O-Ring 3.5x1.5                                                             | 20 Pcs. | 165.0008 | 9010          |
| 133  | Guide tube for core liners up to Ø 4.0 (200 mm)                            | 10 Pcs. | 129.0461 | 1095          |
| 200  | Spanner Standard                                                           | 10 Pcs. | 191.0001 | 9010          |

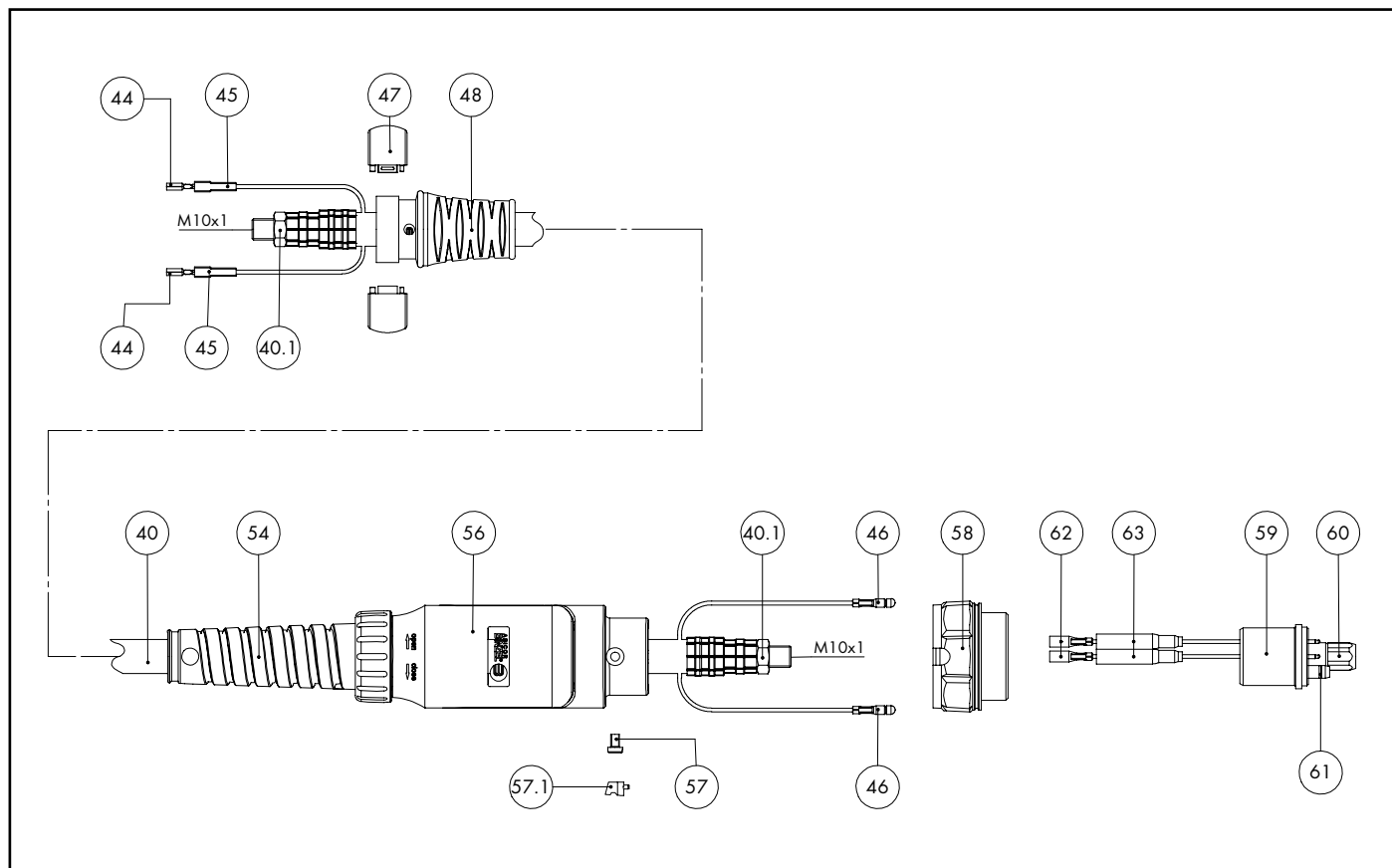


# MIG/MAG Welding Torches MB EVO 24



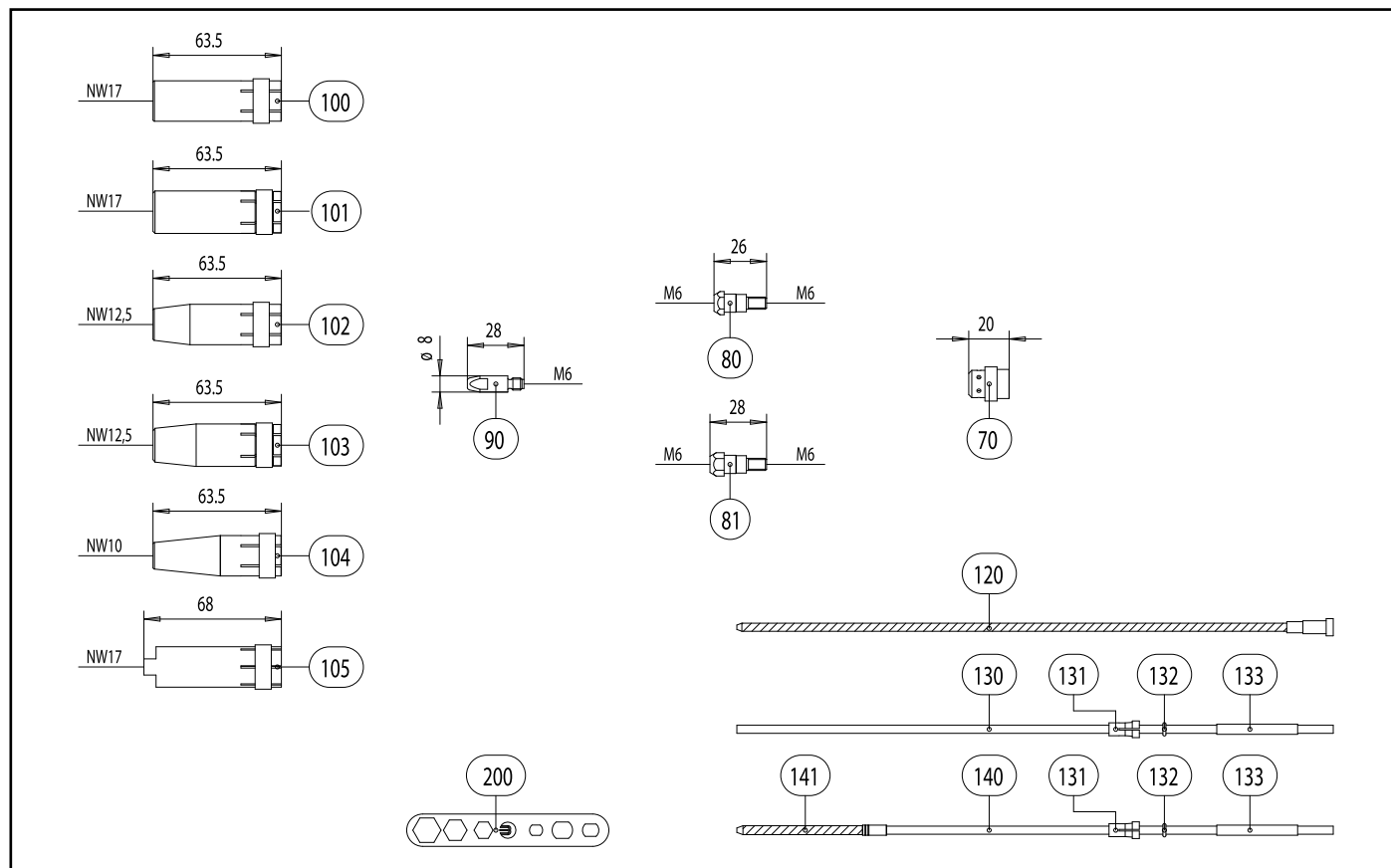
| Pos.                    | Description                                         | Details | Part-No.   | Product group |
|-------------------------|-----------------------------------------------------|---------|------------|---------------|
| <b>Torch</b>            |                                                     |         |            |               |
|                         | MB EVO 24; central adaptor KZ-2; 3.00 m             |         | 012.0368.1 | 1063          |
|                         | MB EVO 24; central adaptor KZ-2; 4.00 m             |         | 012.0369.1 | 1063          |
|                         | MB EVO 24; central adaptor KZ-2; 5.00 m             |         | 012.0370.1 | 1063          |
| <b>Swan neck</b>        |                                                     |         |            |               |
| 1                       | Swan neck MB EVO PRO 24; 50° bent                   |         | 012.0374.1 | 1007          |
| <b>Handle MB EVO 2K</b> |                                                     |         |            |               |
| 10                      | Handle MB EVO 2K; 2-pole ac complete                |         | 180.0178.1 | 1095          |
| 10.1                    | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO       |         | 185.0142.1 | 9010          |
| <b>Cable assembly</b>   |                                                     |         |            |               |
| 40                      | Bikox® power cable, R5 for 3.00 m                   |         | 160.D427   | 1511          |
| 40                      | Bikox® power cable, R5 for 4.00 m                   |         | 160.D428   | 1511          |
| 40                      | Bikox® power cable, R5 for 5.00 m                   |         | 160.D429   | 1511          |
| 40.1                    | Hexagon nut M10x1                                   | 10 Pcs. | 001.0009   | 9010          |
| 44                      | Trigger wire connector                              | 20 Pcs. | 175.0022   | 9010          |
| 45                      | Insulating sleeve                                   | 20 Pcs. | 400.0119   | 1095          |
| 46                      | Male connector                                      | 20 Pcs. | 175.0004   | 9010          |
| 47                      | Half ring D=37 black; MB EVO                        | 2 Pcs.  | 400.D451.2 | 1595          |
| 48                      | Cable support short ND 17-22                        |         | 400.D574.1 | 1595          |
| 54                      | Cable support ND 19                                 |         | 400.1010   | 1095          |
| 56                      | Connection housing ac complete; MB EVO PRO / MB EVO |         | 501.2673.1 | 9010          |
| 57                      | Pan head screw M4x6                                 | 20 Pcs. | 000.0552   | 9010          |
| 57.1                    | Screw cap 1                                         | 20 Pcs. | 500.0251   | 9010          |
| 58                      | Adaptor nut M33x2                                   |         | 500.0213   | 9010          |
| 59                      | Central adaptor KZ-2                                |         | 501.0003   | 1095          |
| 60                      | Coupling nut M10x1                                  | 10 Pcs. | 501.D536   | 1595          |

# MIG/MAG Welding Torches MB EVO 24

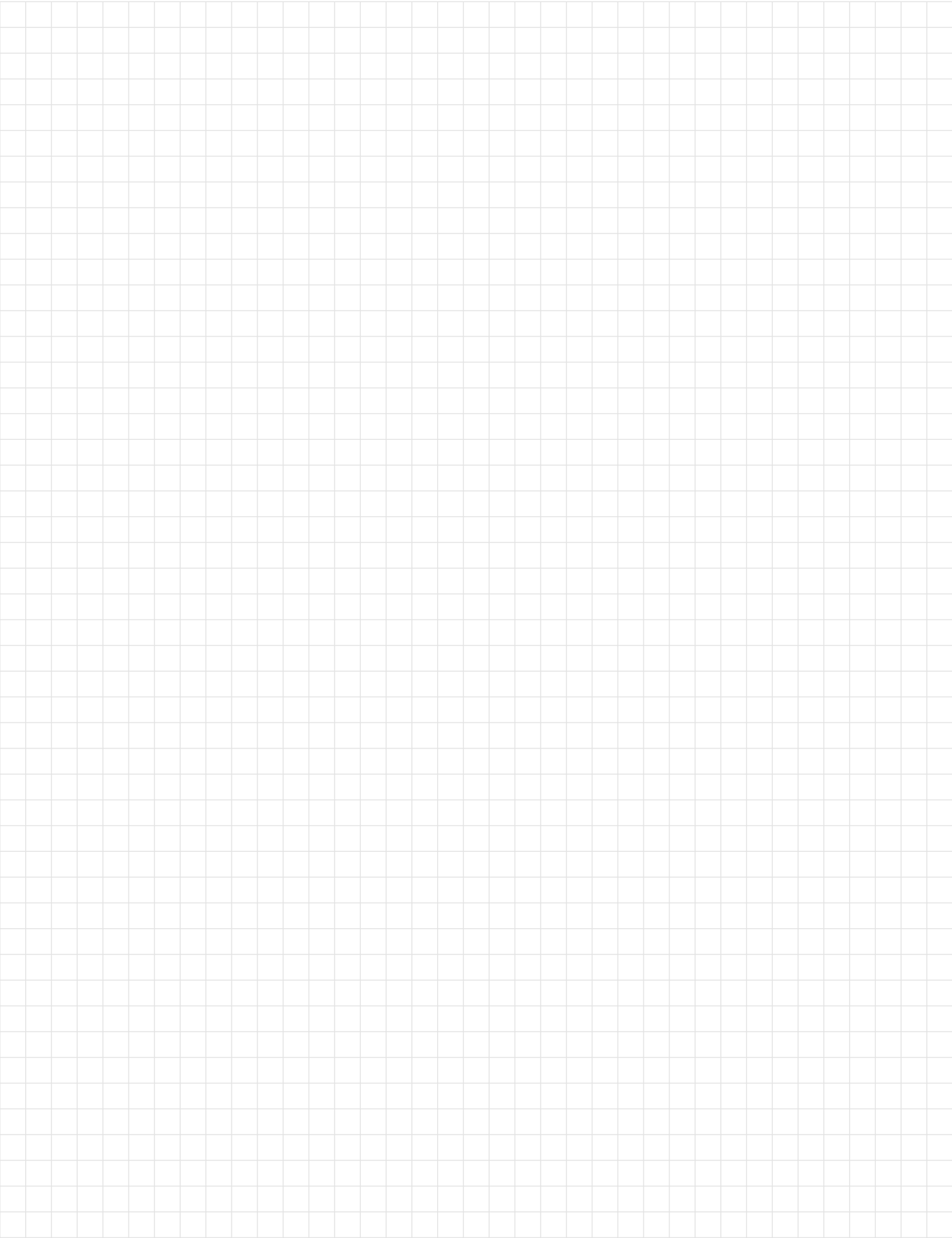


| Pos.              | Description                                       | Details | Part-No.    | Product group |
|-------------------|---------------------------------------------------|---------|-------------|---------------|
| 61                | O-Ring 4x1                                        | 20 Pcs. | 165.0002    | 9010          |
| 62                | Trigger wire connector; female                    | 20 Pcs. | 175.0003    | 9010          |
| 63                | Insulating sleeve for central adapter             | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts</b> |                                                   |         |             |               |
| 70                | Gas diffuser, white                               | 10 Pcs. | 012.0183    | 1032          |
| 70                | Gas diffuser, silicone rubber                     | 10 Pcs. | 012.0243    | 1032          |
| 80                | Contact tip holder M6; 26.0 mm                    | 10 Pcs. | 142.0003    | 1033          |
| 81                | Contact tip holder M6; 28.0 mm                    | 10 Pcs. | 142.0010    | 1033          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 (8x28)                 | 10 Pcs. | 140.0051    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 (8x28)                 | 10 Pcs. | 140.0242    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 (8x28)                 | 10 Pcs. | 140.0379    | 1030          |
| 90                | Contact tip M6 CuCrZr; Ø 0.8 (8x28)               | 10 Pcs. | 140.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.0 (8x28)               | 10 Pcs. | 140.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.2 (8x28)               | 10 Pcs. | 140.0382    | 1031          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 for alu wire (8x28)    | 10 Pcs. | 141.0001    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28)    | 10 Pcs. | 141.0006    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28)    | 10 Pcs. | 141.0010    | 1030          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (8x28) | 10 Pcs. | 147.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28) | 10 Pcs. | 147.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28) | 10 Pcs. | 147.0382    | 1031          |
| 100               | Gas nozzle; cylindrical; ND Ø 17.0                | 10 Pcs. | 145.0047    | 1036          |
| 101               | Gas nozzle; cylindrical; heavy duty; ND Ø 17.0    | 10 Pcs. | 145.0062    | 1036          |
| 102               | Gas nozzle; conical; ND Ø 12.5                    | 10 Pcs. | 145.0080    | 1036          |
| 103               | Gas nozzle; conical; heavy duty; ND Ø 12.5        | 10 Pcs. | 145.0101    | 1036          |
| 104               | Gas nozzle; tapered; ND Ø 10.0                    | 10 Pcs. | 145.0128    | 1036          |
| 105               | Spot weld gas nozzle; ND Ø 17.0                   | 10 Pcs. | 145.0174    | 1036          |

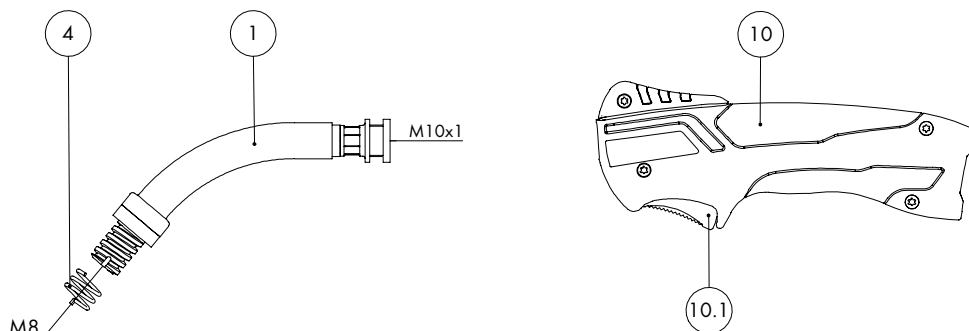
# MIG/MAG Welding Torches MB EVO 24



| Pos. | Description                                                                 | Details | Part-No. | Product group |
|------|-----------------------------------------------------------------------------|---------|----------|---------------|
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 3.00 m |         | 124.0011 | 1034          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 4.00 m |         | 124.0012 | 1034          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 5.00 m |         | 124.0015 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m  |         | 124.0026 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m  |         | 124.0031 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m  |         | 124.0035 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 3.00 m         |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 4.00 m         |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 5.00 m         |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 3.00 m          |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 4.00 m          |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 5.00 m          |         | 126.0028 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 3.00 m        |         | 127.0002 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 4.00 m        |         | 127.0003 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 5.00 m        |         | 127.0004 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 3.00 m        |         | 127.0005 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 4.00 m        |         | 127.0007 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 5.00 m        |         | 127.0008 | 1034          |
| 131  | Nipple for core liner at Ø 4.0                                              | 20 Pcs. | 131.0001 | 1095          |
| 132  | O-Ring 3.5x1.5                                                              | 20 Pcs. | 165.0008 | 9010          |
| 133  | Guide tube for core liners up to Ø 4.0 (200 mm)                             | 10 Pcs. | 129.0461 | 1095          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 3.00 m        |         | 128.M002 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 4.00 m        |         | 128.M003 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 5.00 m        |         | 128.M004 | 1034          |
| 141  | Brass spiral made up with sleeve (200 mm)                                   | 10 Pcs. | 001.0305 | 1095          |
| 200  | Spanner Standard                                                            | 10 Pcs. | 191.0001 | 9010          |

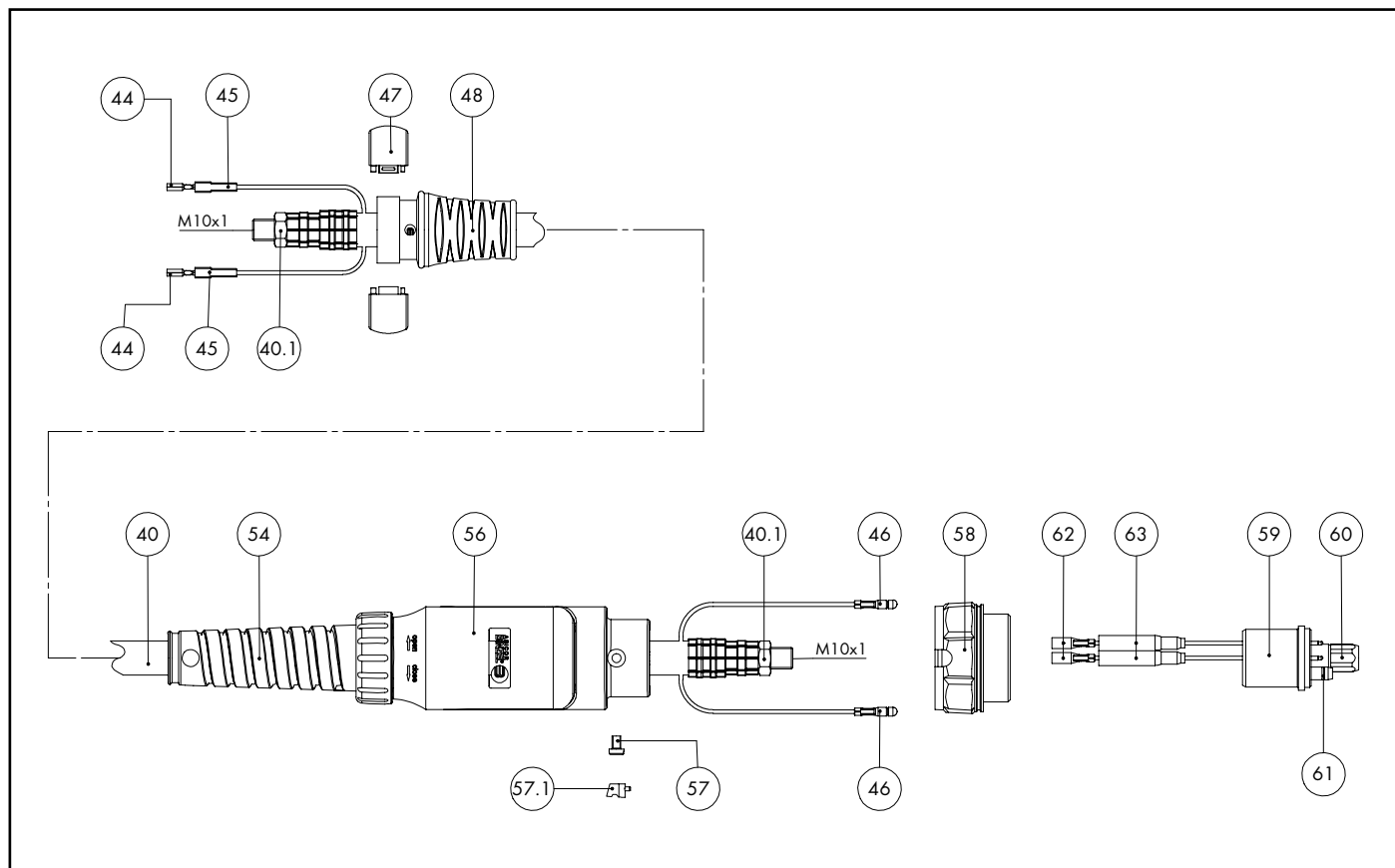


# MIG/MAG Welding Torches MB EVO 25



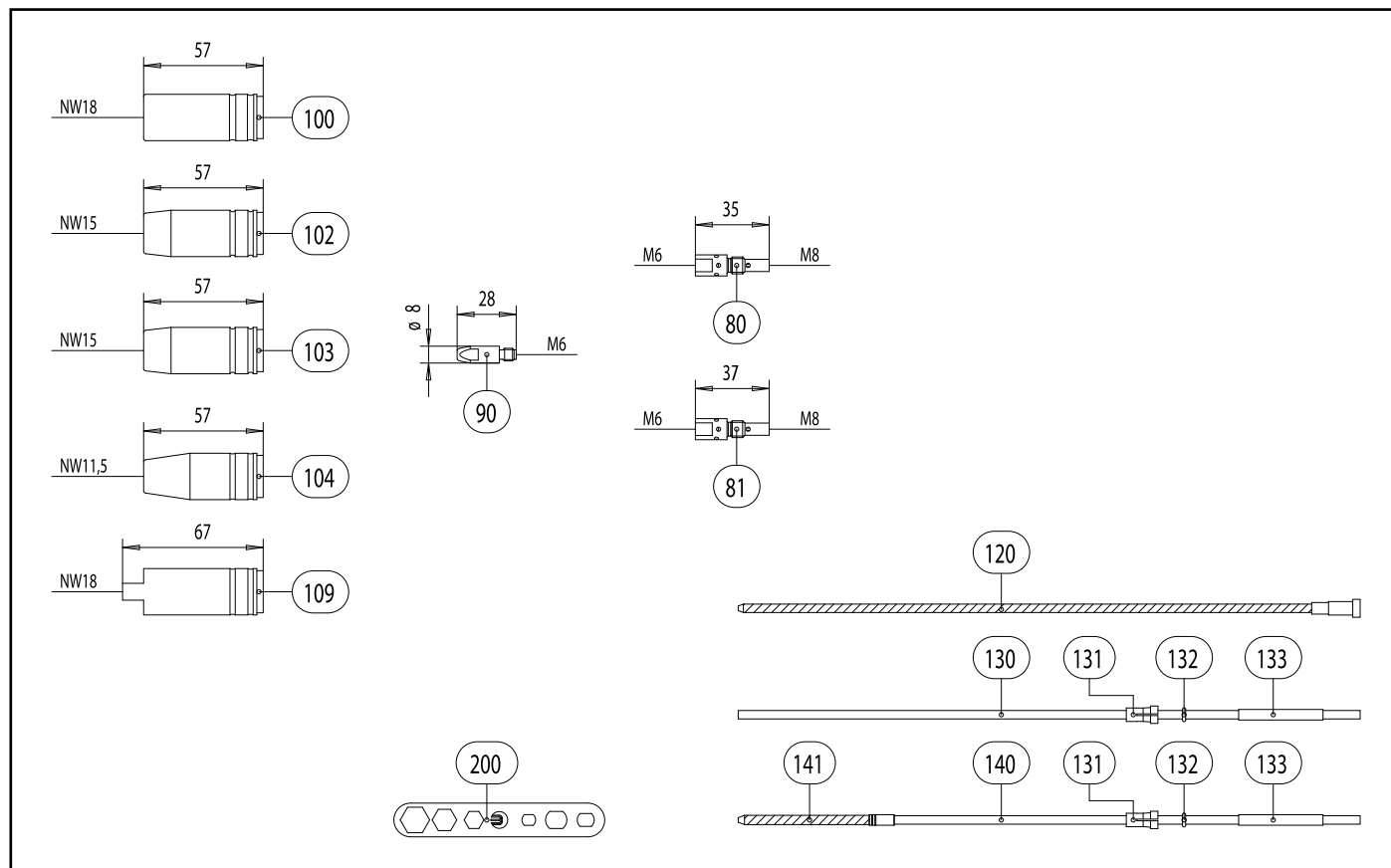
| Pos.                    | Description                                         | Details  | Part-No.   | Product group |
|-------------------------|-----------------------------------------------------|----------|------------|---------------|
| <b>Torch</b>            |                                                     |          |            |               |
|                         | MB EVO 25; central adaptor KZ-2; 3.00 m             |          | 004.0668.1 | 1063          |
|                         | MB EVO 25; central adaptor KZ-2; 4.00 m             |          | 004.0669.1 | 1063          |
|                         | MB EVO 25; central adaptor KZ-2; 5.00 m             |          | 004.0670.1 | 1063          |
| <b>Swan neck</b>        |                                                     |          |            |               |
| 1                       | Swan neck MB EVO PRO 25; 50° bent                   |          | 004.0663.1 | 1007          |
| 4                       | Nozzle spring                                       | 100 Pcs. | 003.0013   | 1095          |
| <b>Handle MB EVO 2K</b> |                                                     |          |            |               |
| 10                      | Handle MB EVO 2K; 2-pole ac complete                |          | 180.0178.1 | 1095          |
| 10.1                    | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO       |          | 185.0142.1 | 9010          |
| <b>Cable assembly</b>   |                                                     |          |            |               |
| 40                      | Bikox® power cable, R20 for 3.00 m                  |          | 160.1294.1 | 1511          |
| 40                      | Bikox® power cable, R20 for 4.00 m                  |          | 160.1295.1 | 1511          |
| 40                      | Bikox® power cable, R20 for 5.00 m                  |          | 160.1296.1 | 1511          |
| 40.1                    | Hexagon nut M10x1                                   | 10 Pcs.  | 001.0009   | 9010          |
| 44                      | Trigger wire connector                              | 20 Pcs.  | 175.0022   | 9010          |
| 45                      | Insulating sleeve                                   | 20 Pcs.  | 400.0119   | 1095          |
| 46                      | Male connector                                      | 20 Pcs.  | 175.0004   | 9010          |
| 47                      | Half ring D=37 black; MB EVO                        | 2 Pcs.   | 400.D451.2 | 1595          |
| 48                      | Cable support short ND 17-22                        |          | 400.D574.1 | 1595          |
| 54                      | Cable support ND 19                                 |          | 400.1010   | 1095          |
| 56                      | Connection housing ac complete; MB EVO PRO / MB EVO |          | 501.2673.1 | 9010          |
| 57                      | Pan head screw M4x6                                 | 20 Pcs.  | 000.0552   | 9010          |
| 57.1                    | Screw cap 1                                         | 20 Pcs.  | 500.0251   | 9010          |
| 58                      | Adaptor nut M33x2                                   |          | 500.0213   | 9010          |
| 59                      | Central adaptor KZ-2                                |          | 501.0003   | 1095          |

# MIG/MAG Welding Torches MB EVO 25



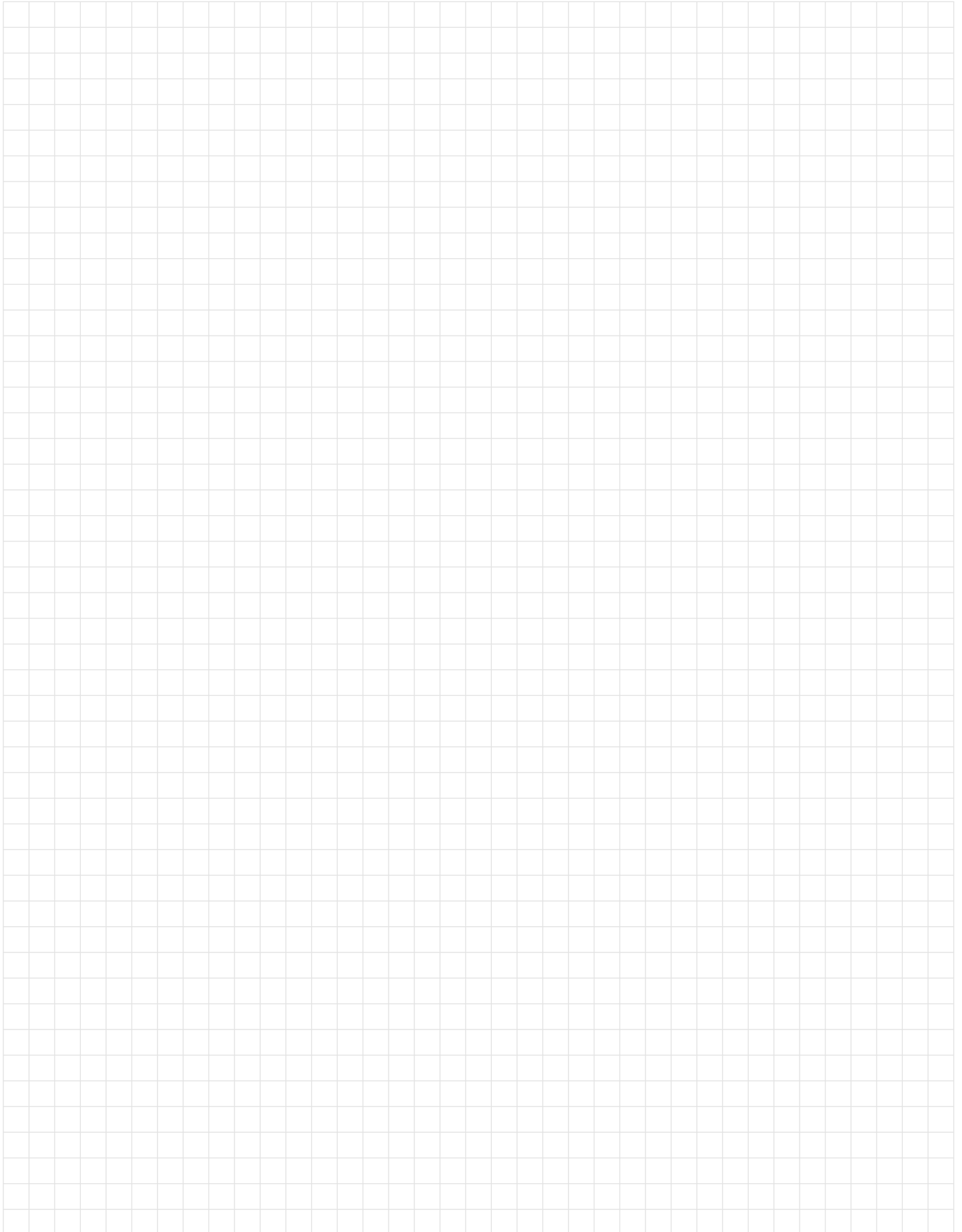
| Pos.              | Description                                                                 | Details | Part-No.    | Product group |
|-------------------|-----------------------------------------------------------------------------|---------|-------------|---------------|
| 60                | Coupling nut M10x1                                                          | 10 Pcs. | 501.D536    | 1595          |
| 61                | O-Ring 4x1                                                                  | 20 Pcs. | 165.0002    | 9010          |
| 62                | Trigger wire connector; female                                              | 20 Pcs. | 175.0003    | 9010          |
| 63                | Insulating sleeve for central adapter                                       | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts</b> |                                                                             |         |             |               |
| 80                | Contact tip holder M6; 35.0 mm                                              | 10 Pcs. | 142.0001    | 1033          |
| 81                | Contact tip holder M6; 37.0 mm                                              | 10 Pcs. | 142.0267.10 | 1033          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 (8x28)                                           | 10 Pcs. | 140.0051    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 (8x28)                                           | 10 Pcs. | 140.0242    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 (8x28)                                           | 10 Pcs. | 140.0379    | 1030          |
| 90                | Contact tip M6 CuCrZr; Ø 0.8 (8x28)                                         | 10 Pcs. | 140.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.0 (8x28)                                         | 10 Pcs. | 140.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.2 (8x28)                                         | 10 Pcs. | 140.0382    | 1031          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 for alu wire (8x28)                              | 10 Pcs. | 141.0001    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28)                              | 10 Pcs. | 141.0006    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28)                              | 10 Pcs. | 141.0010    | 1030          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (8x28)                           | 10 Pcs. | 147.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28)                           | 10 Pcs. | 147.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28)                           | 10 Pcs. | 147.0382    | 1031          |
| 100               | Gas nozzle; cylindrical; ND Ø 18.0                                          | 10 Pcs. | 145.0042    | 1036          |
| 102               | Gas nozzle; conical; ND Ø 15.0                                              | 10 Pcs. | 145.0076    | 1036          |
| 103               | Gas nozzle; conical; with extended insulation; ND Ø 15.0                    | 10 Pcs. | 145.0100    | 1036          |
| 104               | Gas nozzle; tapered; ND Ø 11.5                                              | 10 Pcs. | 145.0124    | 1036          |
| 109               | Spot weld gas nozzle; ND Ø 18.0                                             | 10 Pcs. | 145.0169    | 1036          |
| 120               | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 3.00 m |         | 124.0011    | 1034          |
| 120               | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 4.00 m |         | 124.0012    | 1034          |

# MIG/MAG Welding Torches MB EVO 25

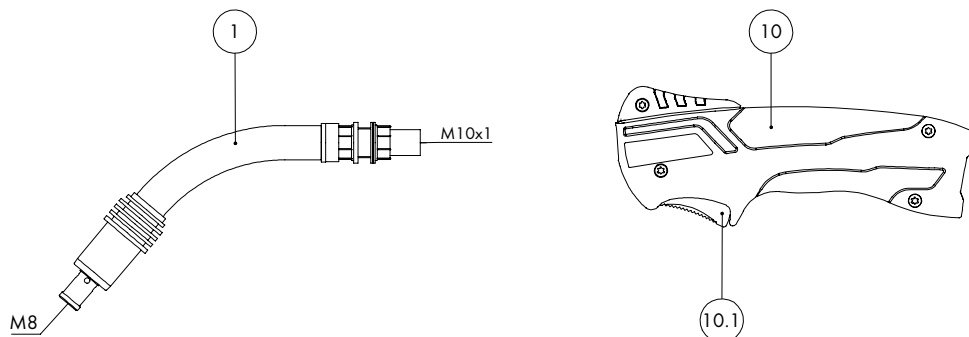


| Pos. | Description                                                                 | Details | Part-No. | Product group |
|------|-----------------------------------------------------------------------------|---------|----------|---------------|
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 5.00 m |         | 124.0015 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m  |         | 124.0026 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m  |         | 124.0031 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m  |         | 124.0035 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 3.00 m         |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 4.00 m         |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 5.00 m         |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 3.00 m          |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 4.00 m          |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 5.00 m          |         | 126.0028 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 3.00 m        |         | 127.0002 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 4.00 m        |         | 127.0003 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 5.00 m        |         | 127.0004 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 3.00 m        |         | 127.0005 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 4.00 m        |         | 127.0007 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 5.00 m        |         | 127.0008 | 1034          |
| 131  | Nipple for core liner at Ø 4.0                                              | 20 Pcs. | 131.0001 | 1095          |
| 132  | O-Ring 3.5x1.5                                                              | 20 Pcs. | 165.0008 | 9010          |
| 133  | Guide tube for core liners up to Ø 4.0 (200 mm)                             | 10 Pcs. | 129.0461 | 1095          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 3.00 m        |         | 128.M002 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 4.00 m        |         | 128.M003 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 5.00 m        |         | 128.M004 | 1034          |
| 141  | Brass spiral made up with sleeve (200 mm)                                   | 10 Pcs. | 001.0305 | 1095          |
| 200  | Spanner Standard                                                            | 10 Pcs. | 191.0001 | 9010          |

## Notes

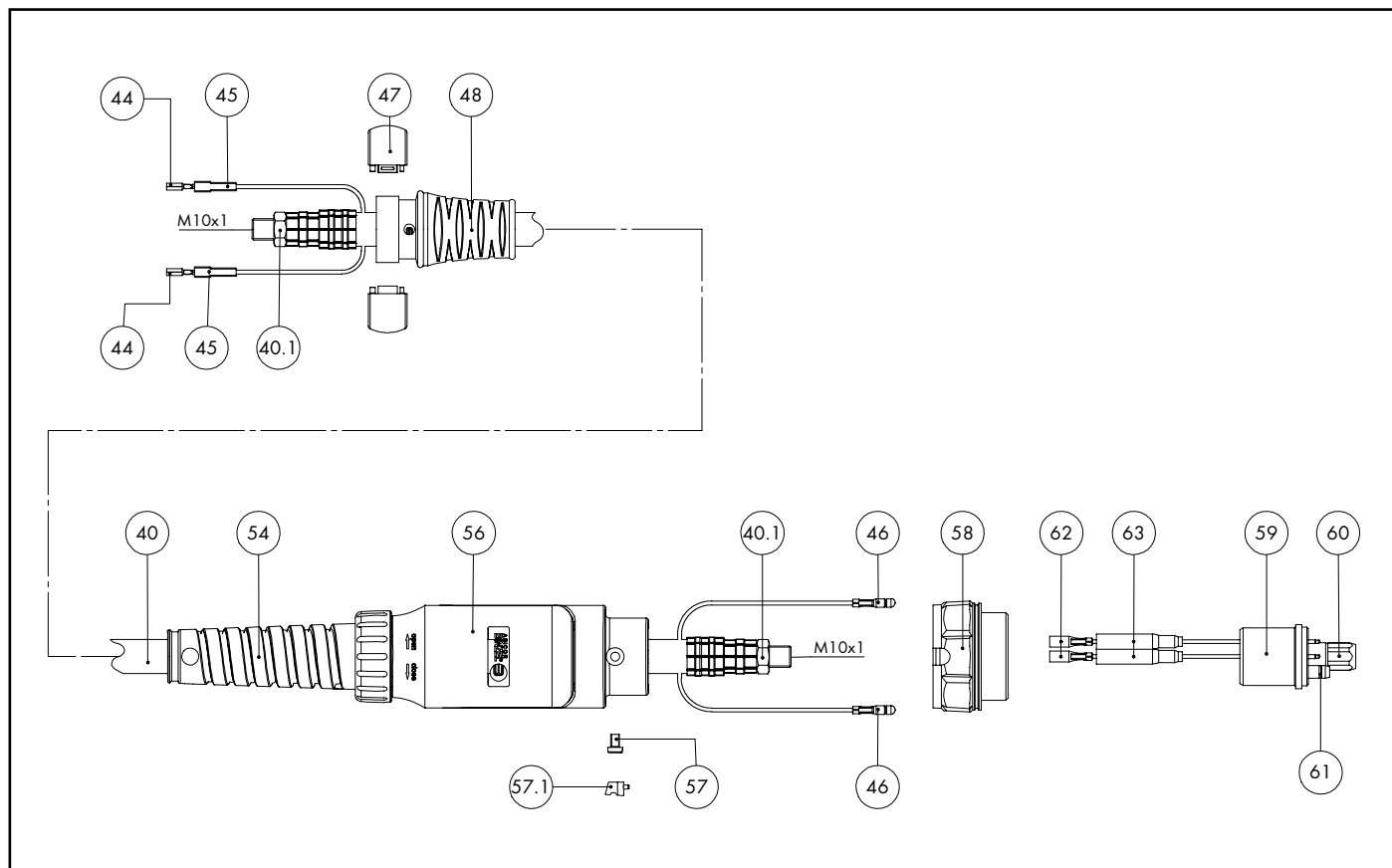


# MIG/MAG Welding Torches MB EVO 26



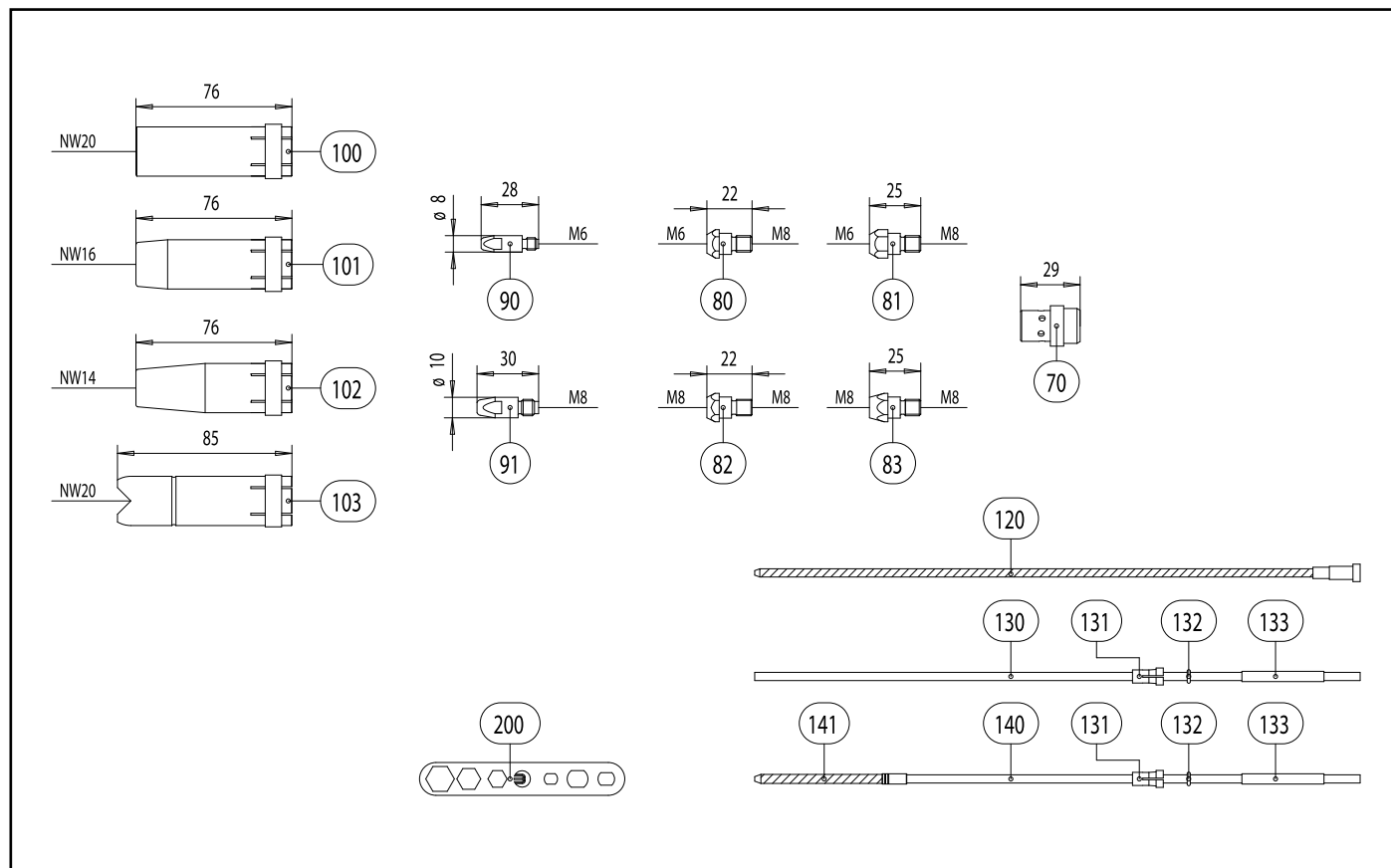
| Pos.                    | Description                                         | Details | Part-No.   | Product group |
|-------------------------|-----------------------------------------------------|---------|------------|---------------|
| <b>Torch</b>            |                                                     |         |            |               |
|                         | MB EVO 26; central adaptor KZ-2; 3.00 m             |         | 018.0208.1 | 1065          |
|                         | MB EVO 26; central adaptor KZ-2; 4.00 m             |         | 018.0209.1 | 1065          |
|                         | MB EVO 26; central adaptor KZ-2; 5.00 m             |         | 018.0210.1 | 1065          |
| <b>Swan neck</b>        |                                                     |         |            |               |
| 1                       | Swan neck MB EVO PRO 26; 50° bent                   |         | 018.0214.1 | 1014          |
| <b>Handle MB EVO 2K</b> |                                                     |         |            |               |
| 10                      | Handle MB EVO 2K; 2-pole ac complete                |         | 180.0178.1 | 1095          |
| 10.1                    | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO       |         | 185.0142.1 | 9010          |
| <b>Cable assembly</b>   |                                                     |         |            |               |
| 40                      | Bikox® power cable, R30 for 3.00 m                  |         | 160.1305.1 | 1511          |
| 40                      | Bikox® power cable, R30 for 4.00 m                  |         | 160.1306.1 | 1511          |
| 40                      | Bikox® power cable, R30 for 5.00 m                  |         | 160.1307.1 | 1511          |
| 40.1                    | Hexagon nut M10x1                                   | 10 Pcs. | 001.0009   | 9010          |
| 44                      | Trigger wire connector                              | 20 Pcs. | 175.0022   | 9010          |
| 45                      | Insulating sleeve                                   | 20 Pcs. | 400.0119   | 1095          |
| 46                      | Male connector                                      | 20 Pcs. | 175.0004   | 9010          |
| 47                      | Half ring D=37 black; MB EVO                        | 2 Pcs.  | 400.D451.2 | 1595          |
| 48                      | Cable support short ND 17-22                        |         | 400.D574.1 | 1595          |
| 54                      | Cable support ND 19                                 |         | 400.1010   | 1095          |
| 56                      | Connection housing ac complete; MB EVO PRO / MB EVO |         | 501.2673.1 | 9010          |
| 57                      | Pan head screw M4x6                                 | 20 Pcs. | 000.0552   | 9010          |
| 57.1                    | Screw cap 1                                         | 20 Pcs. | 500.0251   | 9010          |
| 58                      | Adaptor nut M33x2                                   |         | 500.0213   | 9010          |
| 59                      | Central adaptor KZ-2                                |         | 501.0003   | 1095          |
| 60                      | Coupling nut M10x1                                  | 10 Pcs. | 501.D536   | 1595          |

# MIG/MAG Welding Torches MB EVO 26



| Pos.              | Description                                       | Details | Part-No.    | Product group |
|-------------------|---------------------------------------------------|---------|-------------|---------------|
| 61                | O-Ring 4x1                                        | 20 Pcs. | 165.0002    | 9010          |
| 62                | Trigger wire connector; female                    | 20 Pcs. | 175.0003    | 9010          |
| 63                | Insulating sleeve for central adapter             | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts</b> |                                                   |         |             |               |
| 70                | Gas diffuser, white                               | 10 Pcs. | 018.0116    | 1032          |
| 70                | Gas diffuser, ceramic                             | 10 Pcs. | 018.0141    | 1032          |
| 80                | Contact tip holder M6; 22.0 mm (short)            | 10 Pcs. | 142.0007    | 1033          |
| 81                | Contact tip holder M6; 25.0 mm (long)             | 10 Pcs. | 142.0012    | 1033          |
| 82                | Contact tip holder M8; 22.0 mm (short)            | 10 Pcs. | 142.0082    | 1033          |
| 83                | Contact tip holder M8; 25.0 mm (long)             | 10 Pcs. | 142.0026    | 1033          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 (8x28)                 | 10 Pcs. | 140.0051    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 (8x28)                 | 10 Pcs. | 140.0242    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 (8x28)                 | 10 Pcs. | 140.0379    | 1030          |
| 90                | Contact tip M6 CuCrZr; Ø 0.8 (8x28)               | 10 Pcs. | 140.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.0 (8x28)               | 10 Pcs. | 140.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.2 (8x28)               | 10 Pcs. | 140.0382    | 1031          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 for alu wire (8x28)    | 10 Pcs. | 141.0001    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28)    | 10 Pcs. | 141.0006    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28)    | 10 Pcs. | 141.0010    | 1030          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (8x28) | 10 Pcs. | 147.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28) | 10 Pcs. | 147.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28) | 10 Pcs. | 147.0382    | 1031          |
| 91                | Contact tip M8 E-Cu; Ø 0.8 (10x30)                | 10 Pcs. | 140.0114    | 1030          |
| 91                | Contact tip M8 E-Cu; Ø 1.0 (10x30)                | 10 Pcs. | 140.0313    | 1030          |
| 91                | Contact tip M8 E-Cu; Ø 1.2 (10x30)                | 10 Pcs. | 140.0442    | 1030          |
| 91                | Contact tip M8 CuCrZr; Ø 0.8 (10x30)              | 10 Pcs. | 140.0117    | 1031          |

# MIG/MAG Welding Torches MB EVO 26

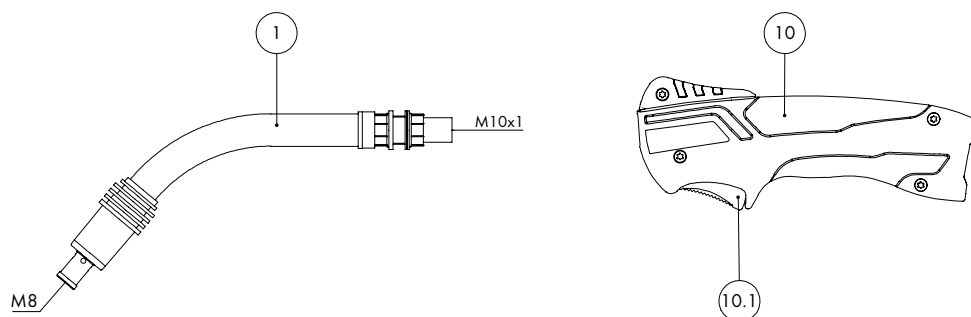


| Pos. | Description                                                                 | Details | Part-No. | Product group |
|------|-----------------------------------------------------------------------------|---------|----------|---------------|
| 91   | Contact tip M8 CuCrZr; Ø 1.0 (10x30)                                        | 10 Pcs. | 140.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.2 (10x30)                                        | 10 Pcs. | 140.0445 | 1031          |
| 91   | Contact tip M8 E-Cu; Ø 0.8 for alu wire (10x30)                             | 10 Pcs. | 141.0003 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.0 for alu wire (10x30)                             | 10 Pcs. | 141.0008 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.2 for alu wire (10x30)                             | 10 Pcs. | 141.0015 | 1030          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 0.8 (10x30)                          | 10 Pcs. | 147.0117 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.0 (10x30)                          | 10 Pcs. | 147.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.2 (10x30)                          | 10 Pcs. | 147.0445 | 1031          |
| 100  | Gas nozzle; cylindrical; ND Ø 20.0                                          | 10 Pcs. | 145.0051 | 1037          |
| 101  | Gas nozzle; conical; ND Ø 16.0                                              | 10 Pcs. | 145.0085 | 1037          |
| 102  | Gas nozzle; tapered; ND Ø 14.0                                              | 10 Pcs. | 145.0132 | 1037          |
| 103  | Spot weld gas nozzle; ND Ø 20.0                                             | 10 Pcs. | 145.0179 | 1037          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6-0.8; for 3.00 m |         | 124.0011 | 1034          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6-0.8; for 4.00 m |         | 124.0012 | 1034          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6-0.8; for 5.00 m |         | 124.0015 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0-1.2; for 3.00 m  |         | 124.0026 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0-1.2; for 4.00 m  |         | 124.0031 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0-1.2; for 5.00 m  |         | 124.0035 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8-1.0; for 3.00 m         |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8-1.0; for 4.00 m         |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8-1.0; for 5.00 m         |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0-1.2; for 3.00 m          |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0-1.2; for 4.00 m          |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0-1.2; for 5.00 m          |         | 126.0028 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8-1.0; for 3.00 m        |         | 127.0002 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8-1.0; for 4.00 m        |         | 127.0003 | 1034          |

## MIG/MAG Welding Torches MB EVO 26

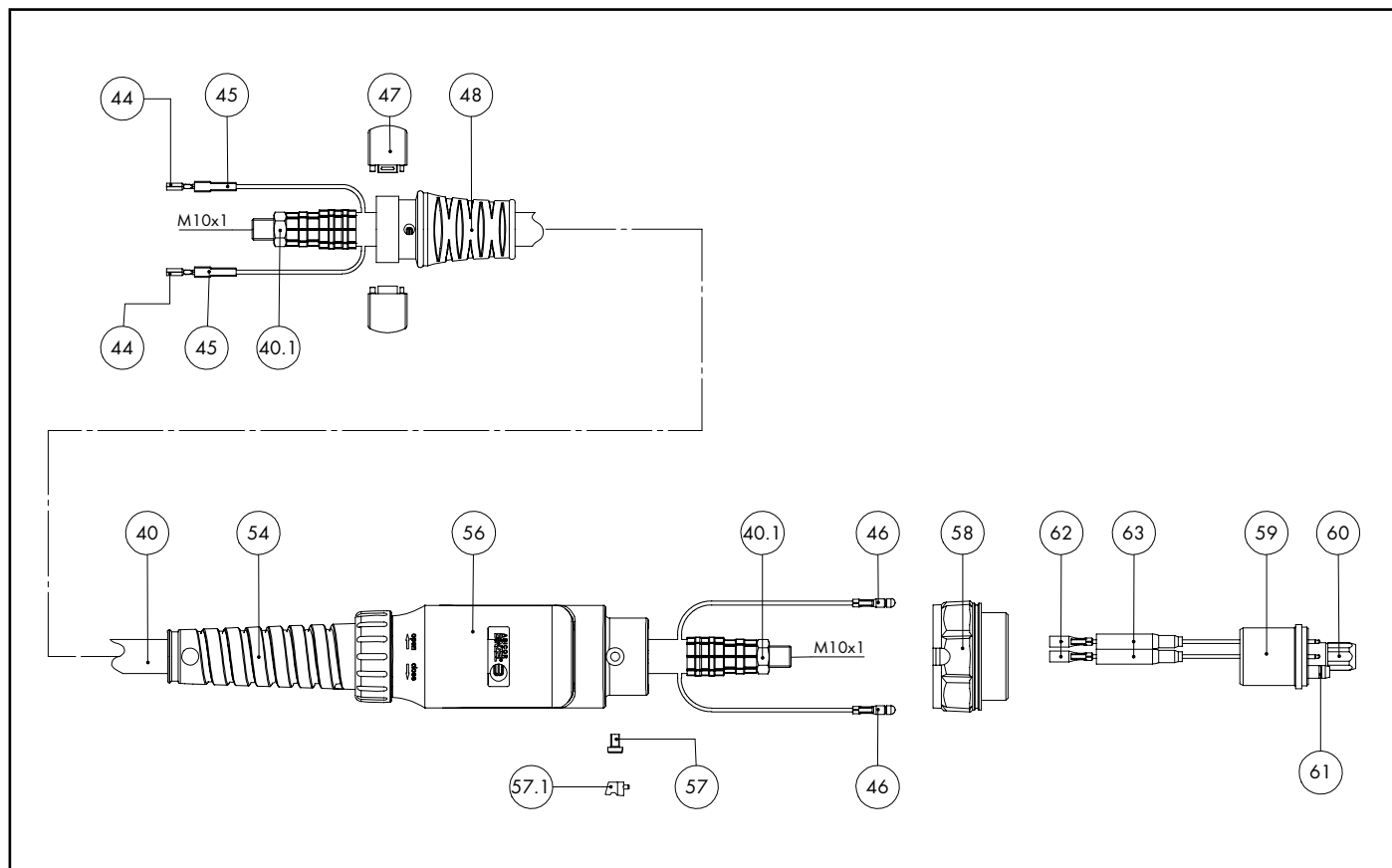
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# MIG/MAG Welding Torches MB EVO 36



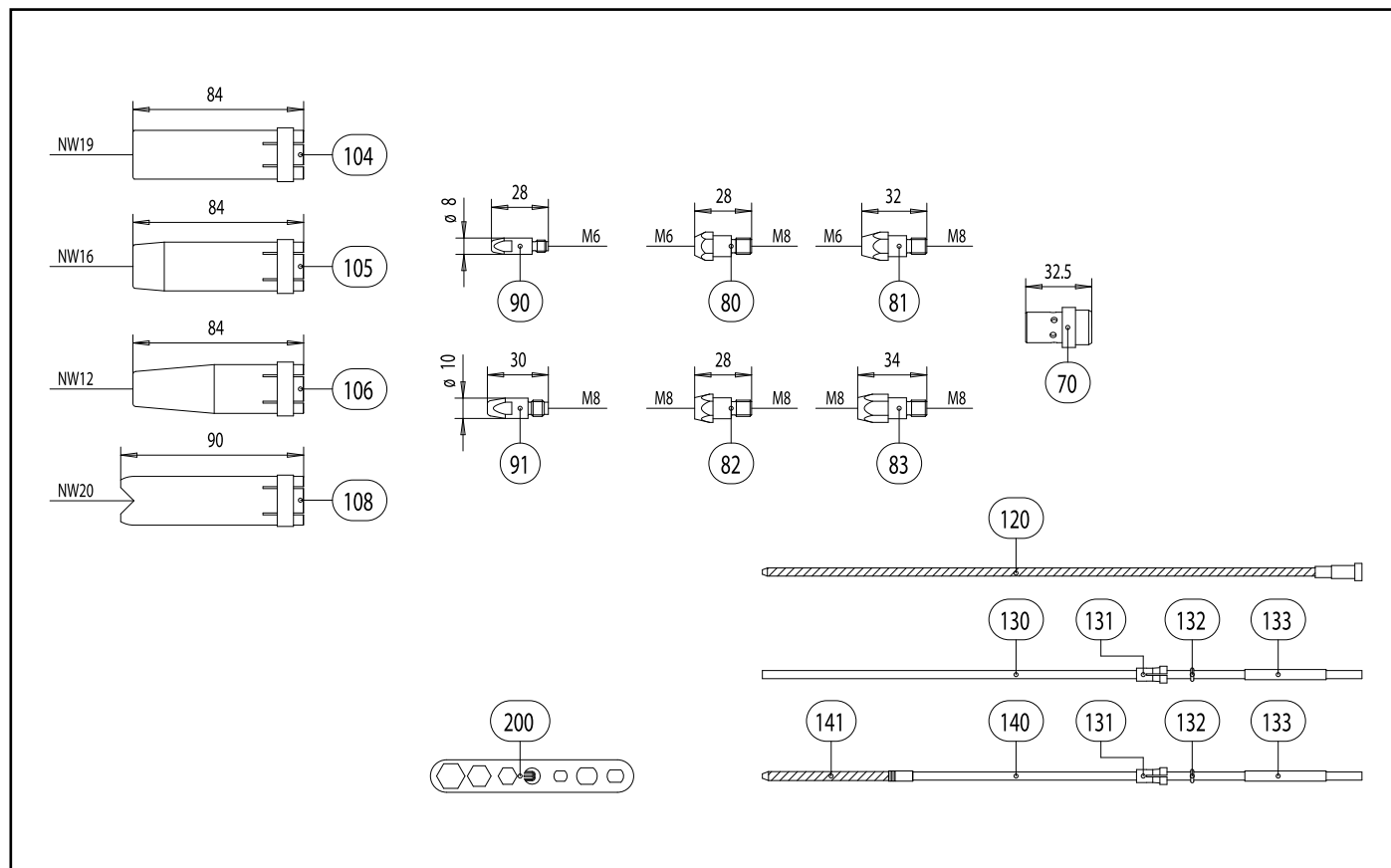
| Pos.                    | Description                                         | Details | Part-No.   | Product group |
|-------------------------|-----------------------------------------------------|---------|------------|---------------|
| <b>Torch</b>            |                                                     |         |            |               |
|                         | MB EVO 36; central adaptor KZ-2; 3.00 m             |         | 014.0526.1 | 1065          |
|                         | MB EVO 36; central adaptor KZ-2; 4.00 m             |         | 014.0527.1 | 1065          |
|                         | MB EVO 36; central adaptor KZ-2; 5.00 m             |         | 014.0528.1 | 1065          |
| <b>Swan neck</b>        |                                                     |         |            |               |
| 1                       | Swan neck MB EVO PRO 36; 50° bent                   |         | 014.0518.1 | 1014          |
| <b>Handle MB EVO 2K</b> |                                                     |         |            |               |
| 10                      | Handle MB EVO 2K; 2-pole ac complete                |         | 180.0178.1 | 1095          |
| 10.1                    | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO       |         | 185.0142.1 | 9010          |
| <b>Cable assembly</b>   |                                                     |         |            |               |
| 40                      | Bikox® power cable, R40 for 3.00 m                  |         | 160.1308.1 | 1511          |
| 40                      | Bikox® power cable, R40 for 4.00 m                  |         | 160.1309.1 | 1511          |
| 40                      | Bikox® power cable, R40 for 5.00 m                  |         | 160.1310.1 | 1511          |
| 40.1                    | Hexagon nut M10x1                                   | 10 Pcs. | 001.0009   | 9010          |
| 44                      | Trigger wire connector                              | 20 Pcs. | 175.0022   | 9010          |
| 45                      | Insulating sleeve                                   | 20 Pcs. | 400.0119   | 1095          |
| 46                      | Male connector                                      | 20 Pcs. | 175.0004   | 9010          |
| 47                      | Half ring D=37 black; MB EVO                        | 2 Pcs.  | 400.D451.2 | 1595          |
| 48                      | Cable support short ND 17-22                        |         | 400.D574.1 | 1595          |
| 54                      | Cable support ND 19                                 |         | 400.1010   | 1095          |
| 56                      | Connection housing ac complete; MB EVO PRO / MB EVO |         | 501.2673.1 | 9010          |
| 57                      | Pan head screw M4x6                                 | 20 Pcs. | 000.0552   | 9010          |
| 57.1                    | Screw cap 1                                         | 20 Pcs. | 500.0251   | 9010          |
| 58                      | Adaptor nut M33x2                                   |         | 500.0213   | 9010          |
| 59                      | Central adaptor KZ-2                                |         | 501.0003   | 1095          |
| 60                      | Coupling nut M10x1                                  | 10 Pcs. | 501.D536   | 1595          |

# MIG/MAG Welding Torches MB EVO 36



| Pos.              | Description                                       | Details | Part-No.    | Product group |
|-------------------|---------------------------------------------------|---------|-------------|---------------|
| 61                | O-Ring 4x1                                        | 20 Pcs. | 165.0002    | 9010          |
| 62                | Trigger wire connector; female                    | 20 Pcs. | 175.0003    | 9010          |
| 63                | Insulating sleeve for central adapter             | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts</b> |                                                   |         |             |               |
| 70                | Gas diffuser, white                               | 10 Pcs. | 014.0261    | 1032          |
| 70                | Gas diffuser, long life                           | 10 Pcs. | 014.0026    | 1032          |
| 70                | Gas diffuser, ceramic                             | 10 Pcs. | 014.0023    | 1032          |
| 80                | Contact tip holder M6; 28.0 mm (short)            | 10 Pcs. | 142.0005    | 1033          |
| 81                | Contact tip holder M6; 32.0 mm (long)             | 10 Pcs. | 142.0011    | 1033          |
| 82                | Contact tip holder M8; 28.0 mm (short)            | 10 Pcs. | 142.0020    | 1033          |
| 83                | Contact tip holder M8; 34.0 mm (long)             | 10 Pcs. | 142.0024    | 1033          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 (8x28)                 | 10 Pcs. | 140.0051    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 (8x28)                 | 10 Pcs. | 140.0242    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 (8x28)                 | 10 Pcs. | 140.0379    | 1030          |
| 90                | Contact tip M6 CuCrZr; Ø 0.8 (8x28)               | 10 Pcs. | 140.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.0 (8x28)               | 10 Pcs. | 140.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr; Ø 1.2 (8x28)               | 10 Pcs. | 140.0382    | 1031          |
| 90                | Contact tip M6 E-Cu; Ø 0.8 for alu wire (8x28)    | 10 Pcs. | 141.0001    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28)    | 10 Pcs. | 141.0006    | 1030          |
| 90                | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28)    | 10 Pcs. | 141.0010    | 1030          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (8x28) | 10 Pcs. | 147.0054    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28) | 10 Pcs. | 147.0245    | 1031          |
| 90                | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28) | 10 Pcs. | 147.0382    | 1031          |
| 91                | Contact tip M8 E-Cu; Ø 0.8 (10x30)                | 10 Pcs. | 140.0114    | 1030          |
| 91                | Contact tip M8 E-Cu; Ø 1.0 (10x30)                | 10 Pcs. | 140.0313    | 1030          |
| 91                | Contact tip M8 E-Cu; Ø 1.2 (10x30)                | 10 Pcs. | 140.0442    | 1030          |

# MIG/MAG Welding Torches MB EVO 36

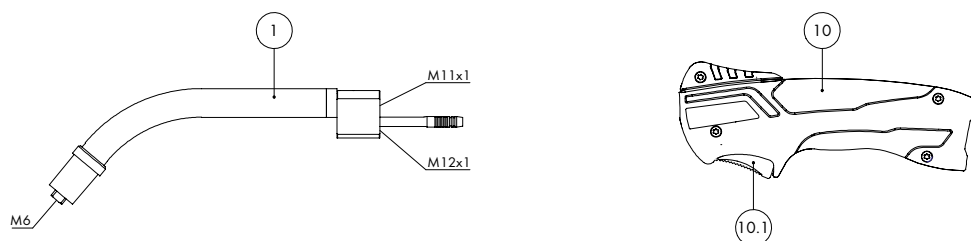


| Pos. | Description                                                                 | Details | Part-No. | Product group |
|------|-----------------------------------------------------------------------------|---------|----------|---------------|
| 91   | Contact tip M8 CuCrZr; Ø 0.8 (10x30)                                        | 10 Pcs. | 140.0117 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.0 (10x30)                                        | 10 Pcs. | 140.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.2 (10x30)                                        | 10 Pcs. | 140.0445 | 1031          |
| 91   | Contact tip M8 E-Cu; Ø 0.8 for alu wire (10x30)                             | 10 Pcs. | 141.0003 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.0 for alu wire (10x30)                             | 10 Pcs. | 141.0008 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.2 for alu wire (10x30)                             | 10 Pcs. | 141.0015 | 1030          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 0.8 (10x30)                          | 10 Pcs. | 147.0117 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.0 (10x30)                          | 10 Pcs. | 147.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.2 (10x30)                          | 10 Pcs. | 147.0445 | 1031          |
| 104  | Gas nozzle; cylindrical; ND Ø 19.0                                          | 10 Pcs. | 145.0045 | 1037          |
| 105  | Gas nozzle; conical; ND Ø 16.0                                              | 10 Pcs. | 145.0078 | 1037          |
| 106  | Gas nozzle; tapered; ND Ø 12.0                                              | 10 Pcs. | 145.0126 | 1037          |
| 108  | Spot weld gas nozzle; ND Ø 20.0                                             | 10 Pcs. | 145.0172 | 1037          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 3.00 m |         | 124.0011 | 1034          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 4.00 m |         | 124.0012 | 1034          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 5.00 m |         | 124.0015 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m  |         | 124.0026 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m  |         | 124.0031 | 1034          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m  |         | 124.0035 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 3.00 m         |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 4.00 m         |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 5.00 m         |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 3.00 m          |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 4.00 m          |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 5.00 m          |         | 126.0028 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 3.00 m        |         | 127.0002 | 1034          |

## MIG/MAG Welding Torches MB EVO 36

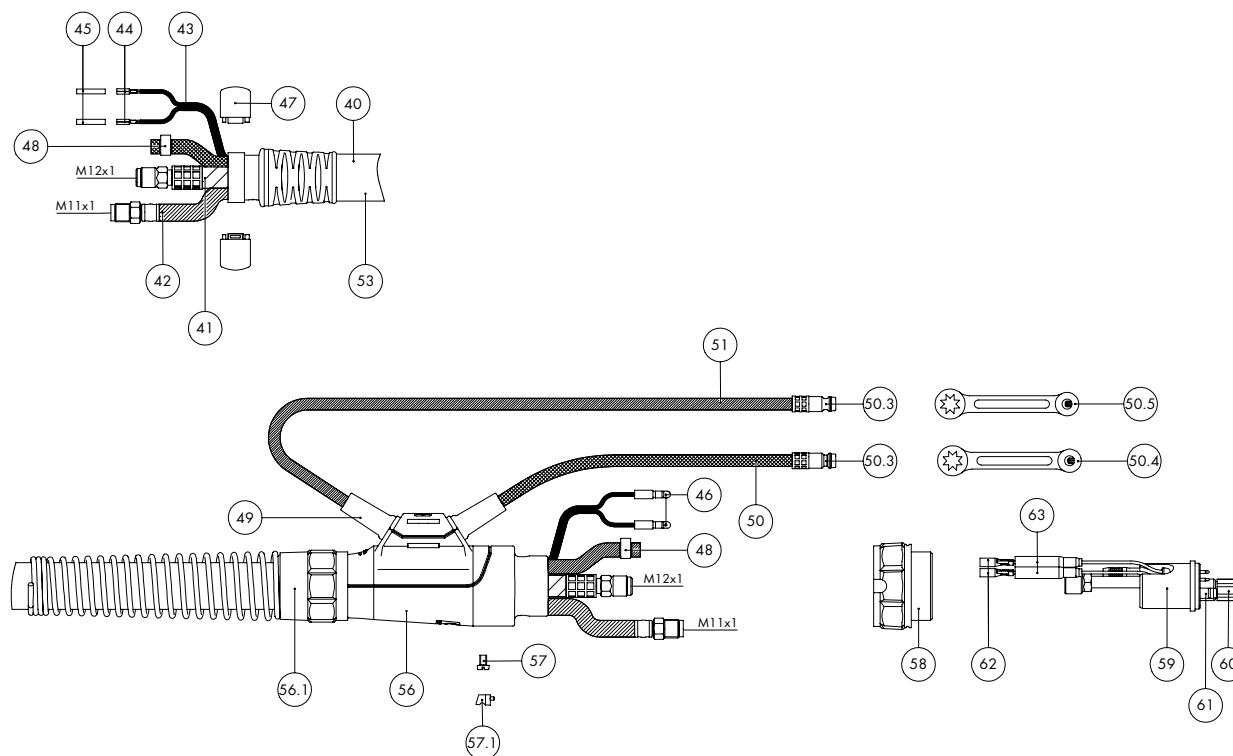
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# MIG/MAG Welding Torches MB EVO 240 D



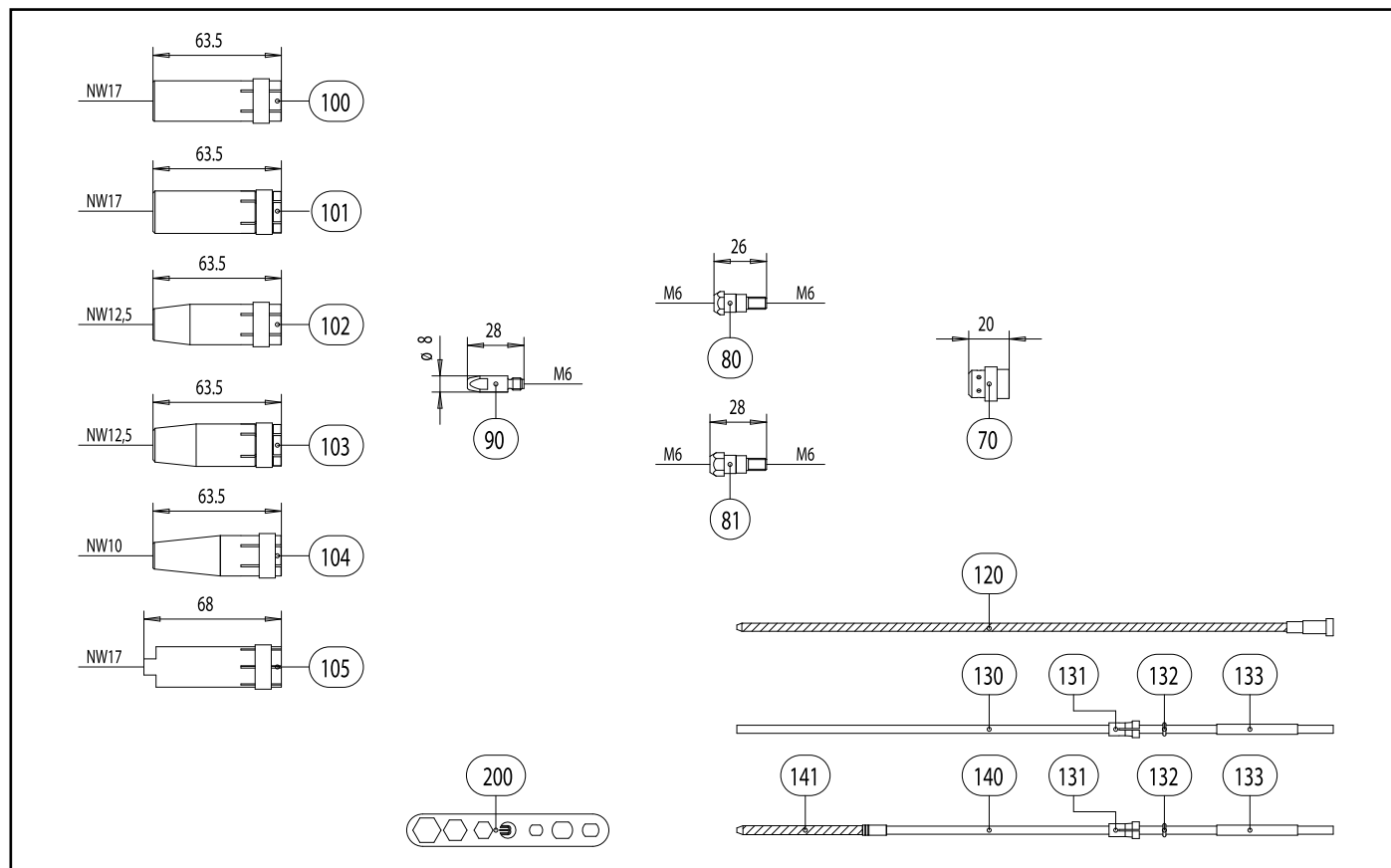
| Pos. | Description                                               | Details | Part-No.    | Product group |
|------|-----------------------------------------------------------|---------|-------------|---------------|
|      | <b>Torch</b>                                              |         |             |               |
|      | MB EVO 240 D; central adaptor WZ-2; 3.00 m                |         | 023.0322.1  | 1064          |
|      | MB EVO 240 D; central adaptor WZ-2; 4.00 m                |         | 023.0323.1  | 1064          |
|      | MB EVO 240 D; central adaptor WZ-2; 5.00 m                |         | 023.0324.1  | 1064          |
|      | <b>Swan neck</b>                                          |         |             |               |
| 1    | Swan neck MB EVO PRO 240 D; 50° bent                      |         | 023.0316.1  | 1009          |
|      | <b>Handle MB EVO 2K</b>                                   |         |             |               |
| 10   | Handle MB EVO 2K; 2-pole Ic complete                      |         | 180.0179.1  | 1095          |
| 10.1 | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO             |         | 185.0142.1  | 9010          |
|      | <b>Cable assembly</b>                                     |         |             |               |
| 40   | Cable assembly MB EVO 3.00 m                              |         | 022.0262.1  | 1095          |
| 40   | Cable assembly MB EVO 4.00 m                              |         | 022.0263.1  | 1095          |
| 40   | Cable assembly MB EVO 5.00 m                              |         | 022.0264.1  | 1095          |
| 41   | Power cable PVC 3.00 m; MB EVO                            |         | 115.0833.1  | 1012          |
| 41   | Power cable PVC 4.00 m; MB EVO                            |         | 115.0834.1  | 1012          |
| 41   | Power cable PVC 5.00 m; MB EVO                            |         | 115.0835.1  | 1012          |
| 42   | Wire/gas conduit 3.00 m; MB EVO PRO / MB EVO              |         | 154.0017.1  | 1012          |
| 42   | Wire/gas conduit 4.00 m; MB EVO PRO / MB EVO              |         | 154.0018.1  | 1012          |
| 42   | Wire/gas conduit 5.00 m; MB EVO PRO / MB EVO              |         | 154.0019.1  | 1012          |
| 43   | Control cable 2-pole                                      | 200 m   | 100.0019    | 4050          |
| 44   | Trigger wire connector                                    | 20 Pcs. | 175.0022    | 9010          |
| 45   | Insulation hose                                           | 20 Pcs. | 110.0043.20 | 1395          |
| 46   | Male connector                                            | 20 Pcs. | 175.0004    | 9010          |
| 47   | Half ring D=37 black; MB EVO                              | 2 Pcs.  | 400.D451.2  | 1595          |
| 48   | Hose clamp D=9.5 infinitely variable; MB EVO PRO / MB EVO | 20 Pcs. | 173.0015.20 | 9010          |
| 49   | Cable support sleeve PVC and FRH hose                     | 10 Pcs. | 500.0558.10 | 1395          |

# MIG/MAG Welding Torches MB EVO 240 D



| Pos.              | Description                                               | Details | Part-No.    | Product group |
|-------------------|-----------------------------------------------------------|---------|-------------|---------------|
| 50                | Hose 47 blue Ø 5.5x1.5                                    | 100 m   | 109.0057    | 4050          |
| 50.3              | Plug nipple ND 5 mm / Ø 6.0 mm                            | 20 Pcs. | 501.0114    | 9010          |
| 50.3              | Hose clamp D=9.5 infinitely variable; MB EVO PRO / MB EVO | 20 Pcs. | 173.0015.20 | 9010          |
| 50.4              | Fastener cap blue                                         | 20 Pcs. | 501.2424    | 1095          |
| 50.5              | Fastener cap red                                          | 20 Pcs. | 501.2423    | 1095          |
| 51                | Hose 46 red Ø 5.5x1.5 cpl. with plug nipple ND 5; 0.6 m   |         | 103.0114    | 1095          |
| 51                | Hose 46 red Ø 5.5x1.5                                     | 100 m   | 109.0056    | 4050          |
| 53                | Outer cover complete 3.00 m; MB EVO PRO / MB EVO          |         | 107.0109.1  | 1095          |
| 53                | Outer cover complete 4.00 m; MB EVO PRO / MB EVO          |         | 107.0110.1  | 1095          |
| 53                | Outer cover complete 5.00 m; MB EVO PRO / MB EVO          |         | 107.0111.1  | 1095          |
| 56                | Connection housing lc complete; MB EVO PRO / MB EVO       |         | 501.2670.1  | 9010          |
| 56.1              | Connecting set machine side cpl. for ND 29                |         | 501.2236    | 9010          |
| 56.1              | Cable support spring                                      |         | 500.0233    | 9010          |
| 56.1              | Biclip inside                                             | 10 Pcs. | 400.0328    | 9010          |
| 56.1              | Biclip outside                                            | 10 Pcs. | 400.0329    | 9010          |
| 57                | Pan head screw M4x6                                       | 20 Pcs. | 000.0552    | 9010          |
| 57.1              | Screw cap 1                                               | 20 Pcs. | 500.0251    | 9010          |
| 58                | Adaptor nut M33x2                                         |         | 500.0213    | 9010          |
| 59                | Central adaptor WZ-2 / M12x1; MB EVO PRO / MB EVO         |         | 501.2677.1  | 9010          |
| 60                | Coupling nut M10x1                                        | 10 Pcs. | 501.D536    | 1595          |
| 61                | O-Ring 4x1                                                | 20 Pcs. | 165.0002    | 9010          |
| 62                | Trigger wire connector; female                            | 20 Pcs. | 175.0003    | 9010          |
| 63                | Insulating sleeve for central adapter                     | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts</b> |                                                           |         |             |               |
| 70                | Gas diffuser, white                                       | 10 Pcs. | 012.0183    | 1032          |
| 70                | Gas diffuser, silicone rubber                             | 10 Pcs. | 012.0243    | 1032          |

# MIG/MAG Welding Torches MB EVO 240 D

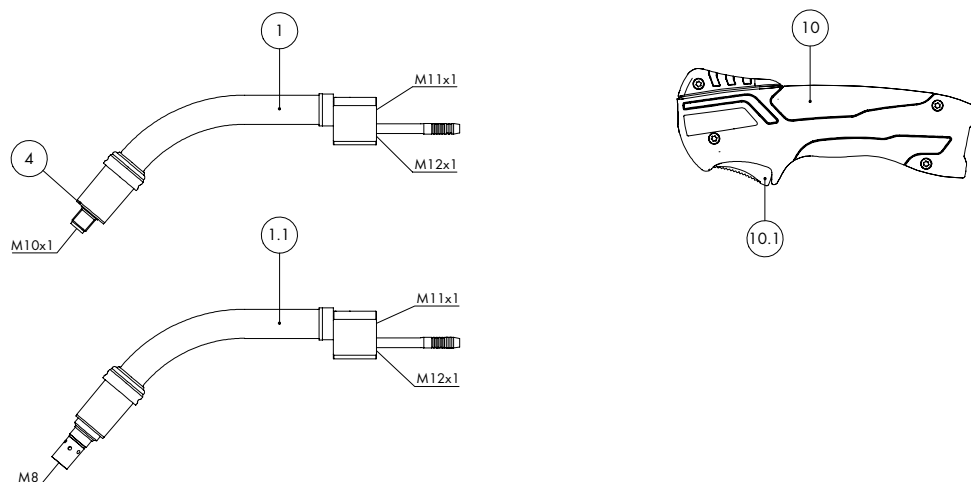


| Pos. | Description                                                                 | Details | Part-No. | Product group |
|------|-----------------------------------------------------------------------------|---------|----------|---------------|
| 80   | Contact tip holder M6; 26.0 mm                                              | 10 Pcs. | 142.0003 | 1033          |
| 81   | Contact tip holder M6; 28.0 mm                                              | 10 Pcs. | 142.0010 | 1033          |
| 90   | Contact tip M6 E-Cu; Ø 0.8 (8x28)                                           | 10 Pcs. | 140.0051 | 1030          |
| 90   | Contact tip M6 E-Cu; Ø 1.0 (8x28)                                           | 10 Pcs. | 140.0242 | 1030          |
| 90   | Contact tip M6 E-Cu; Ø 1.2 (8x28)                                           | 10 Pcs. | 140.0379 | 1030          |
| 90   | Contact tip M6 CuCrZr; Ø 0.8 (8x28)                                         | 10 Pcs. | 140.0054 | 1031          |
| 90   | Contact tip M6 CuCrZr; Ø 1.0 (8x28)                                         | 10 Pcs. | 140.0245 | 1031          |
| 90   | Contact tip M6 CuCrZr; Ø 1.2 (8x28)                                         | 10 Pcs. | 140.0382 | 1031          |
| 90   | Contact tip M6 E-Cu; Ø 0.8 for alu wire (8x28)                              | 10 Pcs. | 141.0001 | 1030          |
| 90   | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28)                              | 10 Pcs. | 141.0006 | 1030          |
| 90   | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28)                              | 10 Pcs. | 141.0010 | 1030          |
| 90   | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (8x28)                           | 10 Pcs. | 147.0054 | 1031          |
| 90   | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28)                           | 10 Pcs. | 147.0245 | 1031          |
| 90   | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28)                           | 10 Pcs. | 147.0382 | 1031          |
| 100  | Gas nozzle; cylindrical; ND Ø 17.0                                          | 10 Pcs. | 145.0047 | 1036          |
| 101  | Gas nozzle; cylindrical; heavy duty; ND Ø 17.0                              | 10 Pcs. | 145.0062 | 1036          |
| 102  | Gas nozzle; conical; ND Ø 12.5                                              | 10 Pcs. | 145.0080 | 1036          |
| 103  | Gas nozzle; conical; heavy duty; ND Ø 12.5                                  | 10 Pcs. | 145.0101 | 1036          |
| 104  | Gas nozzle; tapered; ND Ø 10.0                                              | 10 Pcs. | 145.0128 | 1036          |
| 105  | Spot weld gas nozzle; ND Ø 17.0                                             | 10 Pcs. | 145.0174 | 1036          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 3.00 m |         | 124.0137 | 1334          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 4.00 m |         | 124.0138 | 1334          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 5.00 m |         | 124.0139 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m  |         | 124.0111 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m  |         | 124.0112 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m  |         | 124.0113 | 1334          |

## MIG/MAG Welding Torches MB EVO 240 D

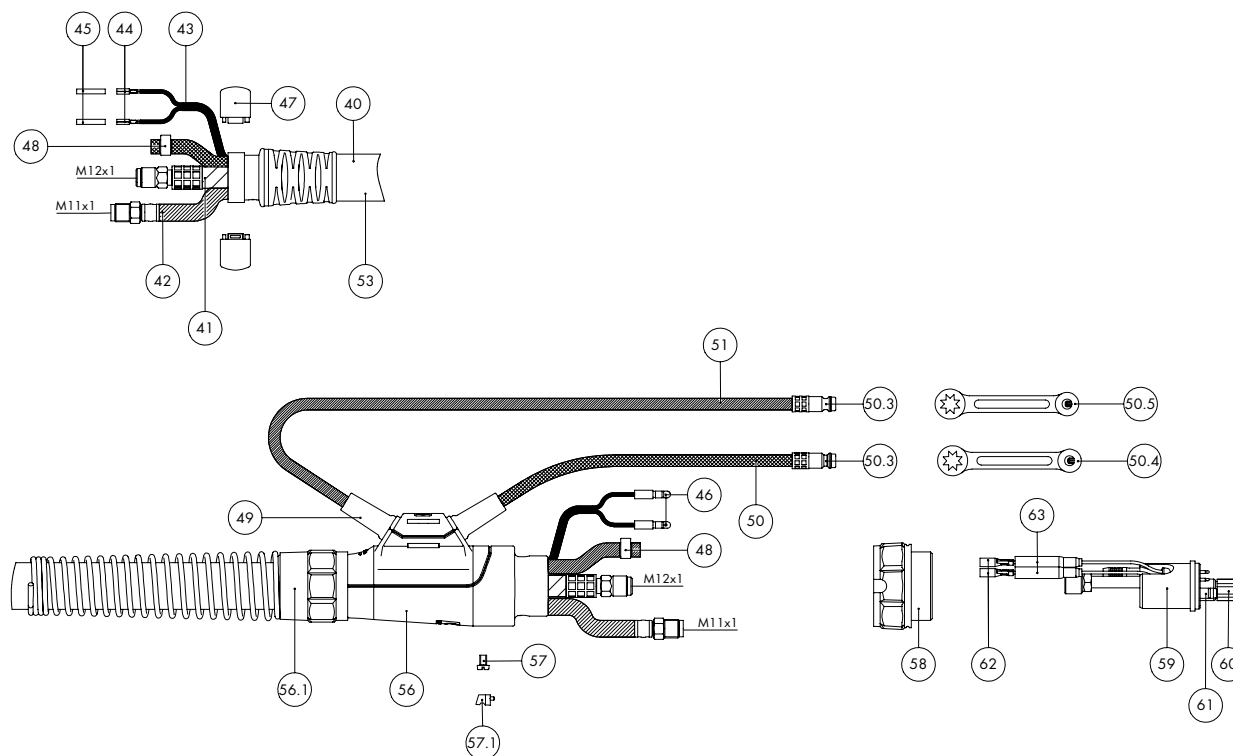
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# MIG/MAG Welding Torches MB EVO 401 / 401 D



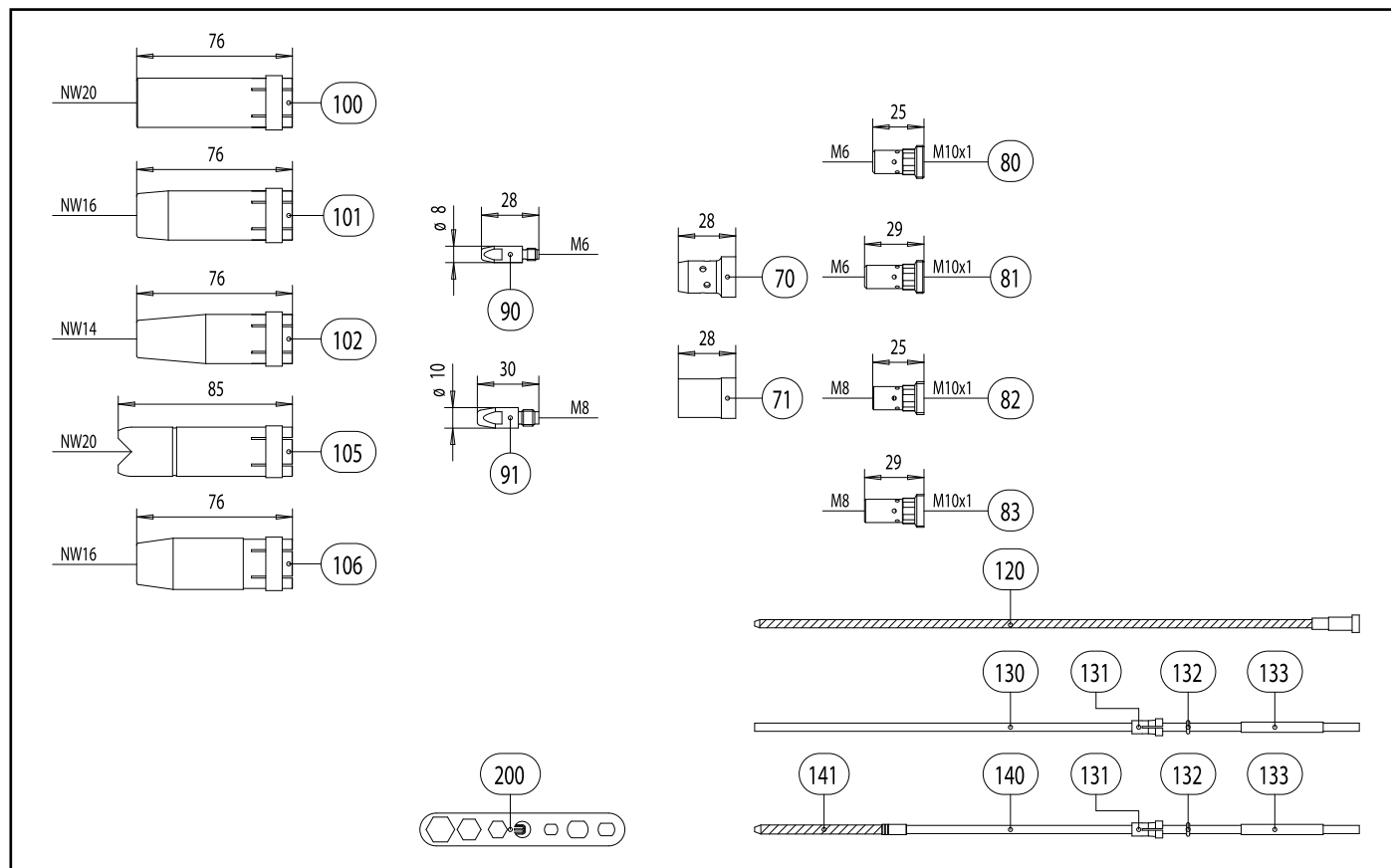
| Pos. | Description                                   | Details | Part-No.   | Product group |
|------|-----------------------------------------------|---------|------------|---------------|
|      | <b>Torch (D-Version)</b>                      |         |            |               |
|      | MB EVO 401 D; central adaptor WZ-2; 3.00 m    |         | 033.0387.1 | 1064          |
|      | MB EVO 401 D; central adaptor WZ-2; 4.00 m    |         | 033.0388.1 | 1064          |
|      | MB EVO 401 D; central adaptor WZ-2; 5.00 m    |         | 033.0389.1 | 1064          |
|      | <b>Torch</b>                                  |         |            |               |
|      | MB EVO 401; central adaptor WZ-2; 3.00 m      |         | 030.0247.1 | 1064          |
|      | MB EVO 401; central adaptor WZ-2; 4.00 m      |         | 030.0248.1 | 1064          |
|      | MB EVO 401; central adaptor WZ-2; 5.00 m      |         | 030.0249.1 | 1064          |
|      | <b>Swan neck</b>                              |         |            |               |
| 1    | Swan neck MB EVO PRO 401 D; 50° bent          |         | 033.0378.1 | 1009          |
| 1.1  | Swan neck MB EVO PRO 401; 50° bent            |         | 030.0242.1 | 1009          |
| 4    | Insulator                                     | 20 Pcs. | 030.0019   | 1095          |
|      | <b>Handle MB EVO 2K</b>                       |         |            |               |
| 10   | Handle MB EVO 2K; 2-pole lc complete          |         | 180.0179.1 | 1095          |
| 10.1 | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO |         | 185.0142.1 | 9010          |
|      | <b>Cable assembly</b>                         |         |            |               |
| 40   | Cable assembly MB EVO 3.00 m                  |         | 022.0262.1 | 1095          |
| 40   | Cable assembly MB EVO 4.00 m                  |         | 022.0263.1 | 1095          |
| 40   | Cable assembly MB EVO 5.00 m                  |         | 022.0264.1 | 1095          |
| 41   | Power cable PVC 3.00 m; MB EVO                |         | 115.0833.1 | 1012          |
| 41   | Power cable PVC 4.00 m; MB EVO                |         | 115.0834.1 | 1012          |
| 41   | Power cable PVC 5.00 m; MB EVO                |         | 115.0835.1 | 1012          |
| 42   | Wire/gas conduit 3.00 m; MB EVO PRO / MB EVO  |         | 154.0017.1 | 1012          |
| 42   | Wire/gas conduit 4.00 m; MB EVO PRO / MB EVO  |         | 154.0018.1 | 1012          |
| 42   | Wire/gas conduit 5.00 m; MB EVO PRO / MB EVO  |         | 154.0019.1 | 1012          |
| 43   | Control cable 2-pole                          | 200 m   | 100.0019   | 4050          |

# MIG/MAG Welding Torches MB EVO 401 / 401 D



| Pos. | Description                                               | Details | Part-No.    | Product group |
|------|-----------------------------------------------------------|---------|-------------|---------------|
| 44   | Trigger wire connector                                    | 20 Pcs. | 175.0022    | 9010          |
| 45   | Insulation hose                                           | 20 Pcs. | 110.0043.20 | 1395          |
| 46   | Male connector                                            | 20 Pcs. | 175.0004    | 9010          |
| 47   | Half ring D=37 black; MB EVO                              | 2 Pcs.  | 400.D451.2  | 1595          |
| 48   | Hose clamp D=9.5 infinitely variable; MB EVO PRO / MB EVO | 20 Pcs. | 173.0015.20 | 9010          |
| 49   | Cable support sleeve PVC and FRH hose                     | 10 Pcs. | 500.0558.10 | 1395          |
| 50   | Hose 47 blue Ø 5.5x1.5                                    | 100 m   | 109.0057    | 4050          |
| 50.3 | Plug nipple ND 5 mm / Ø 6.0 mm                            | 20 Pcs. | 501.0114    | 9010          |
| 50.3 | Hose clamp D=9.5 infinitely variable; MB EVO PRO / MB EVO | 20 Pcs. | 173.0015.20 | 9010          |
| 50.4 | Fastener cap blue                                         | 20 Pcs. | 501.2424    | 1095          |
| 50.5 | Fastener cap red                                          | 20 Pcs. | 501.2423    | 1095          |
| 51   | Hose 46 red Ø 5.5x1.5 cpl. with plug nipple ND 5; 0.6 m   |         | 103.0114    | 1095          |
| 51   | Hose 46 red Ø 5.5x1.5                                     | 100 m   | 109.0056    | 4050          |
| 53   | Outer cover complete 3.00 m; MB EVO PRO / MB EVO          |         | 107.0109.1  | 1095          |
| 53   | Outer cover complete 4.00 m; MB EVO PRO / MB EVO          |         | 107.0110.1  | 1095          |
| 53   | Outer cover complete 5.00 m; MB EVO PRO / MB EVO          |         | 107.0111.1  | 1095          |
| 56   | Connection housing lc complete; MB EVO PRO / MB EVO       |         | 501.2670.1  | 9010          |
| 56.1 | Connecting set machine side cpl. for ND 29                |         | 501.2236    | 9010          |
| 56.1 | Cable support spring                                      |         | 500.0233    | 9010          |
| 56.1 | Biclip inside                                             | 10 Pcs. | 400.0328    | 9010          |
| 56.1 | Biclip outside                                            | 10 Pcs. | 400.0329    | 9010          |
| 57   | Pan head screw M4x6                                       | 20 Pcs. | 000.0552    | 9010          |
| 57.1 | Screw cap 1                                               | 20 Pcs. | 500.0251    | 9010          |
| 58   | Adaptor nut M33x2                                         |         | 500.0213    | 9010          |
| 59   | Central adaptor WZ-2 / M12x1; MB EVO PRO / MB EVO         |         | 501.2677.1  | 9010          |
| 60   | Coupling nut M10x1                                        | 10 Pcs. | 501.D536    | 1595          |

# MIG/MAG Welding Torches MB EVO 401 / 401 D

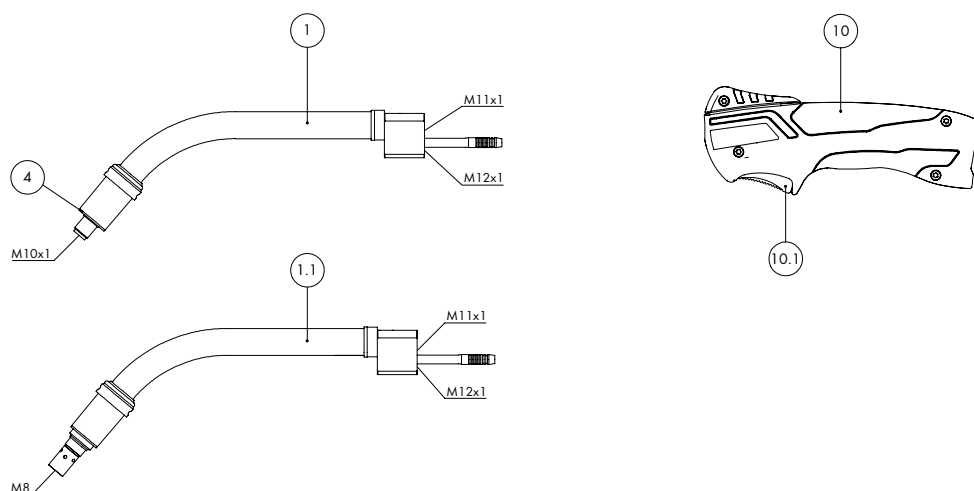


| Pos.                                 | Description                                    | Details | Part-No.    | Product group |
|--------------------------------------|------------------------------------------------|---------|-------------|---------------|
| 61                                   | O-Ring 4x1                                     | 20 Pcs. | 165.0002    | 9010          |
| 62                                   | Trigger wire connector; female                 | 20 Pcs. | 175.0003    | 9010          |
| 63                                   | Insulating sleeve for central adapter          | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts MB EVO 401 / 401 D</b> |                                                |         |             |               |
| 70                                   | Gas diffuser, white                            | 10 Pcs. | 030.0145    | 1032          |
| 70                                   | <b>Gas diffuser, long life</b>                 | 10 Pcs. | 030.0037    | 1032          |
| 70                                   | Gas diffuser, ceramic                          | 10 Pcs. | 030.0190    | 1032          |
| 71                                   | <b>Nozzle insulator</b>                        | 10 Pcs. | 146.0013    | 1032          |
|                                      | Wear parts MB EVO 401 D                        |         |             |               |
| 80                                   | Contact tip holder M6; 25.0 mm (short)         | 10 Pcs. | 142.0008    | 1033          |
|                                      | <b>Wear parts MB EVO 401 D</b>                 |         |             |               |
| 81                                   | Contact tip holder M6; 29.0 mm (long)          | 10 Pcs. | 142.0013    | 1033          |
|                                      | Wear parts MB EVO 401 D                        |         |             |               |
| 82                                   | Contact tip holder M8; 25.0 mm (short)         | 10 Pcs. | 142.0022    | 1033          |
|                                      | Contact tip holder M8; 27.0 mm; CuCrZr         | 10 Pcs. | 142.0201.10 | 1033          |
| 83                                   | Contact tip holder M8; 29.0 mm (long)          | 10 Pcs. | 142.0027    | 1033          |
|                                      | <b>Wear parts MB EVO 401 / 401 D</b>           |         |             |               |
| 90                                   | Contact tip M6 E-Cu; Ø 0.8 (8x28)              | 10 Pcs. | 140.0051    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.0 (8x28)              | 10 Pcs. | 140.0242    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.2 (8x28)              | 10 Pcs. | 140.0379    | 1030          |
| 90                                   | Contact tip M6 CuCrZr; Ø 0.8 (8x28)            | 10 Pcs. | 140.0054    | 1031          |
| 90                                   | Contact tip M6 CuCrZr; Ø 1.0 (8x28)            | 10 Pcs. | 140.0245    | 1031          |
| 90                                   | Contact tip M6 CuCrZr; Ø 1.2 (8x28)            | 10 Pcs. | 140.0382    | 1031          |
| 90                                   | Contact tip M6 E-Cu; Ø 0.8 for alu wire (8x28) | 10 Pcs. | 141.0001    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28) | 10 Pcs. | 141.0006    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28) | 10 Pcs. | 141.0010    | 1030          |

# MIG/MAG Welding Torches MB EVO 401 / 401 D

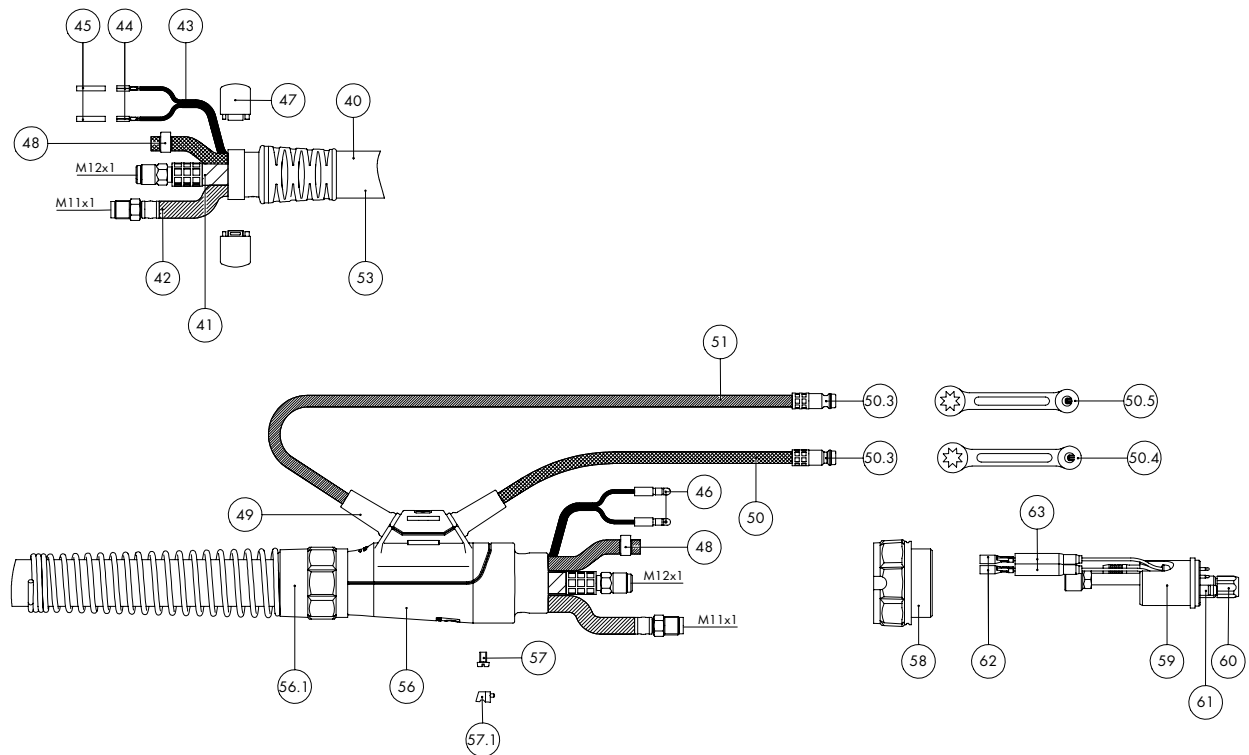
| Pos. | Description                                                                 | Details | Part-No. | Product group |
|------|-----------------------------------------------------------------------------|---------|----------|---------------|
| 90   | Contact tip M6 CuCrZr silver-plated; Ø 0.8 (8x28)                           | 10 Pcs. | 147.0054 | 1031          |
| 90   | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28)                           | 10 Pcs. | 147.0245 | 1031          |
| 90   | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28)                           | 10 Pcs. | 147.0382 | 1031          |
| 91   | Contact tip M8 E-Cu; Ø 0.8 (10x30)                                          | 10 Pcs. | 140.0114 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.0 (10x30)                                          | 10 Pcs. | 140.0313 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.2 (10x30)                                          | 10 Pcs. | 140.0442 | 1030          |
| 91   | Contact tip M8 CuCrZr; Ø 0.8 (10x30)                                        | 10 Pcs. | 140.0117 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.0 (10x30)                                        | 10 Pcs. | 140.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.2 (10x30)                                        | 10 Pcs. | 140.0445 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 0.8 (10x30)                          | 10 Pcs. | 147.0117 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.0 (10x30)                          | 10 Pcs. | 147.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.2 (10x30)                          | 10 Pcs. | 147.0445 | 1031          |
| 91   | Contact tip M8 E-Cu; Ø 0.8 for alu wire (10x30)                             | 10 Pcs. | 141.0003 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.0 for alu wire (10x30)                             | 10 Pcs. | 141.0008 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.2 for alu wire (10x30)                             | 10 Pcs. | 141.0015 | 1030          |
| 100  | Gas nozzle; cylindrical; ND Ø 20.0                                          | 10 Pcs. | 145.0051 | 1037          |
| 101  | Gas nozzle; conical; ND Ø 16.0                                              | 10 Pcs. | 145.0085 | 1037          |
| 102  | Gas nozzle; tapered; ND Ø 14.0                                              | 10 Pcs. | 145.0132 | 1037          |
| 105  | Spot weld gas nozzle; ND Ø 20.0                                             | 10 Pcs. | 145.0179 | 1037          |
| 106  | Gas nozzle; heavy duty; ND Ø 16.0 (only use with nozzle insulator)          | 10 Pcs. | 145.0086 | 1037          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 3.00 m |         | 124.0137 | 1334          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 4.00 m |         | 124.0138 | 1334          |
| 120  | Guide spiral liner insulated; 1.5/4.0; blue; for wire Ø 0.6–0.8; for 5.00 m |         | 124.0139 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m  |         | 124.0111 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m  |         | 124.0112 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m  |         | 124.0113 | 1334          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 3.00 m         |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 4.00 m         |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 5.00 m         |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 3.00 m          |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 4.00 m          |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 5.00 m          |         | 126.0028 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 3.00 m        |         | 127.0002 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 4.00 m        |         | 127.0003 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 5.00 m        |         | 127.0004 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 3.00 m        |         | 127.0005 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 4.00 m        |         | 127.0007 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 5.00 m        |         | 127.0008 | 1034          |
| 131  | Nipple for core liner at Ø 4.0                                              | 20 Pcs. | 131.0001 | 1095          |
| 132  | O-Ring 3.5x1.5                                                              | 20 Pcs. | 165.0008 | 9010          |
| 133  | Guide tube for core liners up to Ø 4.0 (200 mm)                             | 10 Pcs. | 129.0461 | 1095          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 3.00 m        |         | 128.M002 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 4.00 m        |         | 128.M003 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 5.00 m        |         | 128.M004 | 1034          |
| 141  | Brass spiral made up with sleeve (200 mm)                                   | 10 Pcs. | 001.0305 | 1095          |
| 200  | Spanner Standard                                                            | 10 Pcs. | 191.0001 | 9010          |
|      |                                                                             |         |          |               |
|      |                                                                             |         |          |               |

# MIG/MAG Welding Torches MB EVO 501 / 501 D



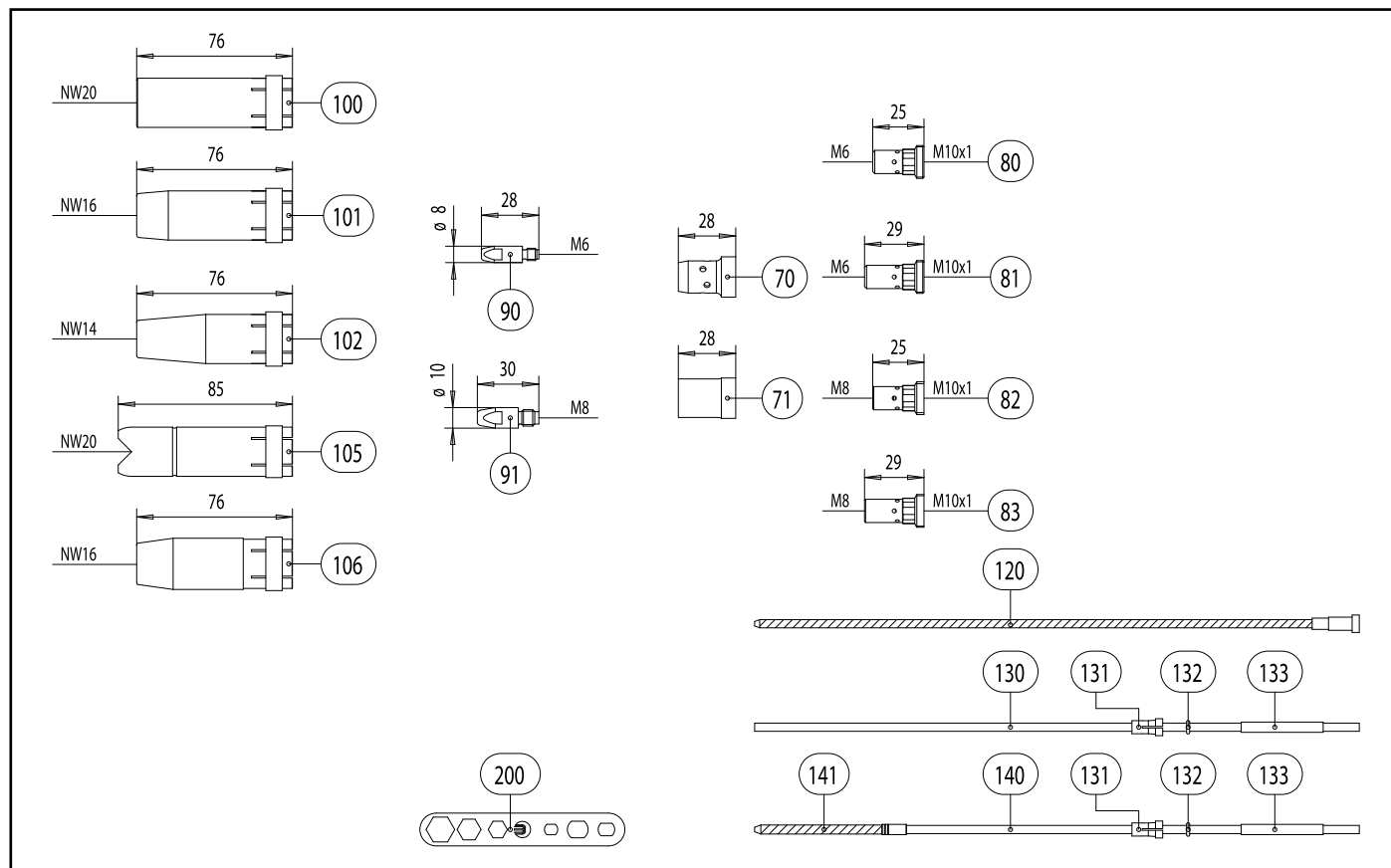
| Pos. | Description                                   | Details | Part-No.   | Product group |
|------|-----------------------------------------------|---------|------------|---------------|
|      | <b>Torch (D-Version)</b>                      |         |            |               |
|      | MB EVO 501 D; central adaptor WZ-2; 3.00 m    |         | 034.0865.1 | 1064          |
|      | MB EVO 501 D; central adaptor WZ-2; 4.00 m    |         | 034.0866.1 | 1064          |
|      | MB EVO 501 D; central adaptor WZ-2; 5.00 m    |         | 034.0867.1 | 1064          |
|      | <b>Torch</b>                                  |         |            |               |
|      | MB EVO 501; central adaptor WZ-2; 3.00 m      |         | 032.0272.1 | 1064          |
|      | MB EVO 501; central adaptor WZ-2; 4.00 m      |         | 032.0273.1 | 1064          |
|      | MB EVO 501; central adaptor WZ-2; 5.00 m      |         | 032.0274.1 | 1064          |
|      | <b>Swan neck</b>                              |         |            |               |
| 1    | Swan neck MB EVO PRO 501 D; 50° bent          |         | 034.0856.1 | 1009          |
| 1.1  | Swan neck MB EVO PRO 501; 50° bent            |         | 032.0267.1 | 1009          |
| 4    | Insulator                                     | 20 Pcs. | 030.0019   | 1095          |
|      | <b>Handle MB EVO 2K</b>                       |         |            |               |
| 10   | Handle MB EVO 2K; 2-pole 1c complete          |         | 180.0179.1 | 1095          |
| 10.1 | Trigger ergonomic 2-pole; MB EVO PRO / MB EVO |         | 185.0142.1 | 9010          |
|      | <b>Cable assembly</b>                         |         |            |               |
| 40   | Cable assembly MB EVO 3.00 m                  |         | 022.0262.1 | 1095          |
| 40   | Cable assembly MB EVO 4.00 m                  |         | 022.0263.1 | 1095          |
| 40   | Cable assembly MB EVO 5.00 m                  |         | 022.0264.1 | 1095          |
| 41   | Power cable PVC 3.00 m; MB EVO                |         | 115.0833.1 | 1012          |
| 41   | Power cable PVC 4.00 m; MB EVO                |         | 115.0834.1 | 1012          |
| 41   | Power cable PVC 5.00 m; MB EVO                |         | 115.0835.1 | 1012          |
| 42   | Wire/gas conduit 3.00 m; MB EVO PRO / MB EVO  |         | 154.0017.1 | 1012          |
| 42   | Wire/gas conduit 4.00 m; MB EVO PRO / MB EVO  |         | 154.0018.1 | 1012          |
| 42   | Wire/gas conduit 5.00 m; MB EVO PRO / MB EVO  |         | 154.0019.1 | 1012          |
| 43   | Control cable 2-pole                          | 200 m   | 100.0019   | 4050          |

# MIG/MAG Welding Torches MB EVO 501 / 501 D



| Pos. | Description                                               | Details | Part-No.    | Product group |
|------|-----------------------------------------------------------|---------|-------------|---------------|
| 44   | Trigger wire connector                                    | 20 Pcs. | 175.0022    | 9010          |
| 45   | Insulation hose                                           | 20 Pcs. | 110.0043.20 | 1395          |
| 46   | Male connector                                            | 20 Pcs. | 175.0004    | 9010          |
| 47   | Half ring D=37 black; MB EVO                              | 2 Pcs.  | 400.D451.2  | 1595          |
| 48   | Hose clamp D=9.5 infinitely variable; MB EVO PRO / MB EVO | 20 Pcs. | 173.0015.20 | 9010          |
| 49   | Cable support sleeve PVC and FRH hose                     | 10 Pcs. | 500.0558.10 | 1395          |
| 50   | Hose 47 blue Ø 5.5x1.5                                    | 100 m   | 109.0057    | 4050          |
| 50.3 | Plug nipple ND 5 mm / Ø 6.0 mm                            | 20 Pcs. | 501.0114    | 9010          |
| 50.3 | Hose clamp D=9.5 infinitely variable; MB EVO PRO / MB EVO | 20 Pcs. | 173.0015.20 | 9010          |
| 50.4 | Fastener cap blue                                         | 20 Pcs. | 501.2424    | 1095          |
| 50.5 | Fastener cap red                                          | 20 Pcs. | 501.2423    | 1095          |
| 51   | Hose 46 red Ø 5.5x1.5 cpl. with plug nipple ND 5; 0.6 m   |         | 103.0114    | 1095          |
| 51   | Hose 46 red Ø 5.5x1.5                                     | 100 m   | 109.0056    | 4050          |
| 53   | Outer cover complete 3.00 m; MB EVO PRO / MB EVO          |         | 107.0109.1  | 1095          |
| 53   | Outer cover complete 4.00 m; MB EVO PRO / MB EVO          |         | 107.0110.1  | 1095          |
| 53   | Outer cover complete 5.00 m; MB EVO PRO / MB EVO          |         | 107.0111.1  | 1095          |
| 56   | Connection housing lc complete; MB EVO PRO / MB EVO       |         | 501.2670.1  | 9010          |
| 56.1 | Connecting set machine side cpl. for ND 29                |         | 501.2236    | 9010          |
| 56.1 | Cable support spring                                      |         | 500.0233    | 9010          |
| 56.1 | Biclip inside                                             | 10 Pcs. | 400.0328    | 9010          |
| 56.1 | Biclip outside                                            | 10 Pcs. | 400.0329    | 9010          |
| 57   | Pan head screw M4x6                                       | 20 Pcs. | 000.0552    | 9010          |
| 57.1 | Screw cap 1                                               | 20 Pcs. | 500.0251    | 9010          |
| 58   | Adaptor nut M33x2                                         |         | 500.0213    | 9010          |
| 59   | Central adaptor WZ-2 / M12x1; MB EVO PRO / MB EVO         |         | 501.2677.1  | 9010          |
| 60   | Coupling nut M10x1                                        | 10 Pcs. | 501.D536    | 1595          |

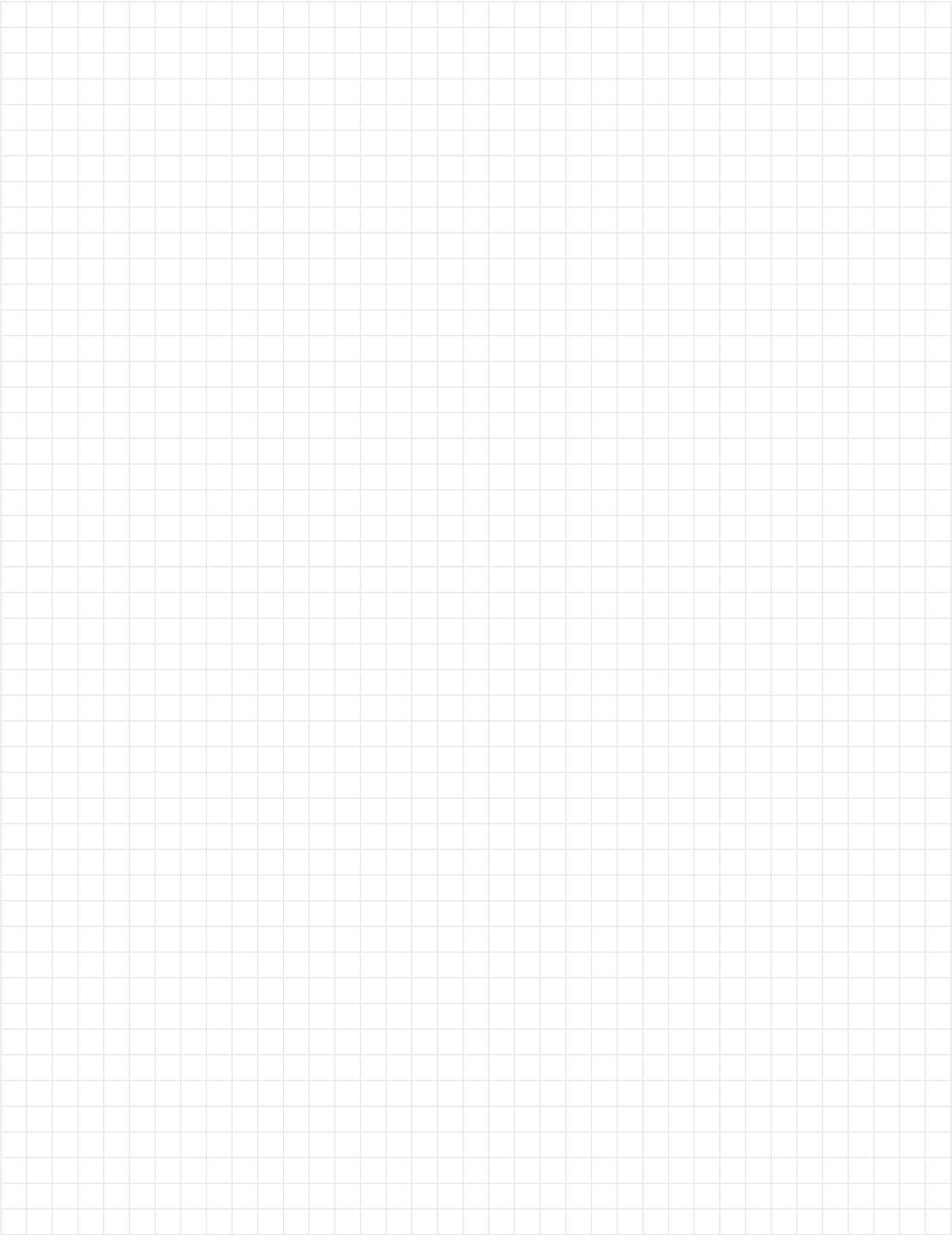
# MIG/MAG Welding Torches MB EVO 501 / 501 D



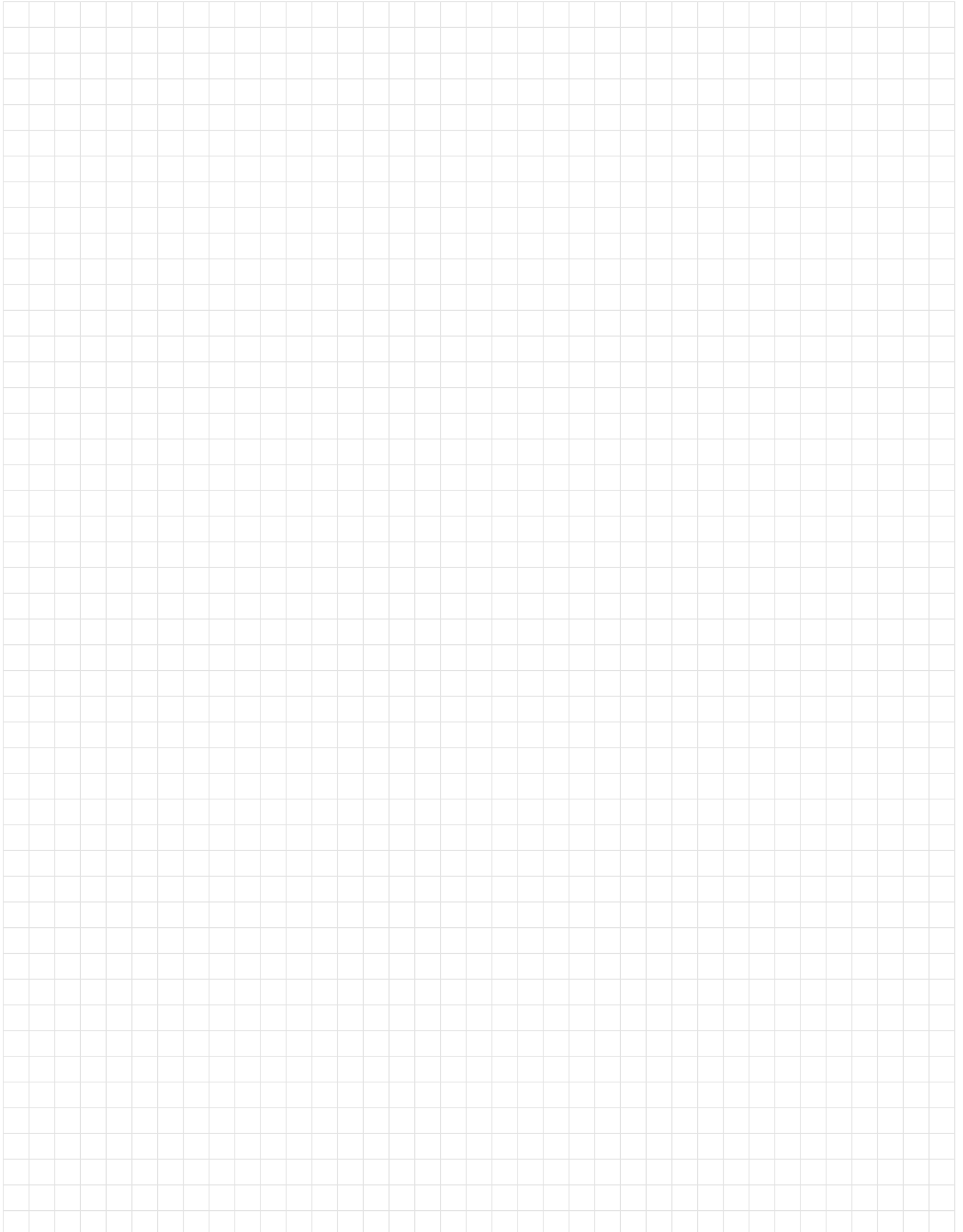
| Pos.                                 | Description                                       | Details | Part-No.    | Product group |
|--------------------------------------|---------------------------------------------------|---------|-------------|---------------|
| 61                                   | O-Ring 4x1                                        | 20 Pcs. | 165.0002    | 9010          |
| 62                                   | Trigger wire connector; female                    | 20 Pcs. | 175.0003    | 9010          |
| 63                                   | Insulating sleeve for central adapter             | 20 Pcs. | 501.2609.20 | 1395          |
| <b>Wear parts MB EVO 501 / 501 D</b> |                                                   |         |             |               |
| 70                                   | Gas diffuser, white                               | 10 Pcs. | 030.0145    | 1032          |
| 70                                   | Gas diffuser, long life                           | 10 Pcs. | 030.0037    | 1032          |
| 70                                   | Gas diffuser, ceramic                             | 10 Pcs. | 030.0190    | 1032          |
| 71                                   | Nozzle insulator                                  | 10 Pcs. | 146.0013    | 1032          |
| <b>Wear parts MB EVO 501 D</b>       |                                                   |         |             |               |
| 80                                   | Contact tip holder M6; 25.0 mm (short)            | 10 Pcs. | 142.0008    | 1033          |
| 81                                   | Contact tip holder M6; 29.0 mm (long)             | 10 Pcs. | 142.0013    | 1033          |
| 82                                   | Contact tip holder M8; 25.0 mm (short)            | 10 Pcs. | 142.0022    | 1033          |
|                                      | Contact tip holder M8; 27.0 mm; CuCrZr            | 10 Pcs. | 142.0201.10 | 1033          |
| 83                                   | Contact tip holder M8; 29.0 mm (long)             | 10 Pcs. | 142.0027    | 1033          |
| <b>Wear parts MB EVO 501 / 501 D</b> |                                                   |         |             |               |
| 90                                   | Contact tip M6 E-Cu; Ø 1.0 (8x28)                 | 10 Pcs. | 140.0242    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.2 (8x28)                 | 10 Pcs. | 140.0379    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.6 (8x28)                 | 10 Pcs. | 140.0555    | 1030          |
| 90                                   | Contact tip M6 CuCrZr; Ø 1.0 (8x28)               | 10 Pcs. | 140.0245    | 1031          |
| 90                                   | Contact tip M6 CuCrZr; Ø 1.2 (8x28)               | 10 Pcs. | 140.0382    | 1031          |
| 90                                   | Contact tip M6 CuCrZr; Ø 1.6 (8x28)               | 10 Pcs. | 140.0558    | 1031          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.0 for alu wire (8x28)    | 10 Pcs. | 141.0006    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.2 for alu wire (8x28)    | 10 Pcs. | 141.0010    | 1030          |
| 90                                   | Contact tip M6 E-Cu; Ø 1.6 for alu wire (8x28)    | 10 Pcs. | 141.0020    | 1030          |
| 90                                   | Contact tip M6 CuCrZr silver-plated; Ø 1.0 (8x28) | 10 Pcs. | 147.0245    | 1031          |
| 90                                   | Contact tip M6 CuCrZr silver-plated; Ø 1.2 (8x28) | 10 Pcs. | 147.0382    | 1031          |

# MIG/MAG Welding Torches MB EVO 501 / 501 D

| Pos. | Description                                                                | Details | Part-No. | Product group |
|------|----------------------------------------------------------------------------|---------|----------|---------------|
| 91   | Contact tip M8 E-Cu; Ø 1.0 (10x30)                                         | 10 Pcs. | 140.0313 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.2 (10x30)                                         | 10 Pcs. | 140.0442 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.6 (10x30)                                         | 10 Pcs. | 140.0587 | 1030          |
| 91   | Contact tip M8 CuCrZr; Ø 1.0 (10x30)                                       | 10 Pcs. | 140.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.2 (10x30)                                       | 10 Pcs. | 140.0445 | 1031          |
| 91   | Contact tip M8 CuCrZr; Ø 1.6 (10x30)                                       | 10 Pcs. | 140.0590 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.0 (10x30)                         | 10 Pcs. | 147.0316 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.2 (10x30)                         | 10 Pcs. | 147.0445 | 1031          |
| 91   | Contact tip M8 CuCrZr silver-plated; Ø 1.6 (10x30)                         | 10 Pcs. | 147.0590 | 1031          |
| 91   | Contact tip M8 E-Cu; Ø 1.0 for alu wire (10x30)                            | 10 Pcs. | 141.0008 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.2 for alu wire (10x30)                            | 10 Pcs. | 141.0015 | 1030          |
| 91   | Contact tip M8 E-Cu; Ø 1.6 for alu wire (10x30)                            | 10 Pcs. | 141.0022 | 1030          |
| 100  | Gas nozzle; cylindrical; ND Ø 20.0                                         | 10 Pcs. | 145.0051 | 1037          |
| 101  | Gas nozzle; conical; ND Ø 16.0                                             | 10 Pcs. | 145.0085 | 1037          |
| 102  | Gas nozzle; tapered; ND Ø 14.0                                             | 10 Pcs. | 145.0132 | 1037          |
| 105  | Spot weld gas nozzle; ND Ø 20.0                                            | 10 Pcs. | 145.0179 | 1037          |
| 106  | Gas nozzle; heavy duty; ND Ø 16.0 (only use with nozzle insulator)         | 10 Pcs. | 145.0086 | 1037          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 3.00 m |         | 124.0111 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 4.00 m |         | 124.0112 | 1334          |
| 120  | Guide spiral liner insulated; 2.0/4.5; red; for wire Ø 1.0–1.2; for 5.00 m |         | 124.0113 | 1334          |
| 120  | Guide spiral liner insulated; 2.5/4.5; yellow; for wire Ø 1.6; for 3.00 m  |         | 124.0114 | 1334          |
| 120  | Guide spiral liner insulated; 2.5/4.5; yellow; for wire Ø 1.6; for 4.00 m  |         | 124.0115 | 1334          |
| 120  | Guide spiral liner insulated; 2.5/4.5; yellow; for wire Ø 1.6; for 5.00 m  |         | 124.0116 | 1334          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 3.00 m        |         | 126.0005 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 4.00 m        |         | 126.0008 | 1034          |
| 130  | PTFE core liner 1.5/4.0; blue; wire electrode Ø 0.8–1.0; for 5.00 m        |         | 126.0011 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 3.00 m         |         | 126.0021 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 4.00 m         |         | 126.0026 | 1034          |
| 130  | PTFE core liner 2.0/4.0; red; wire electrode Ø 1.0–1.2; for 5.00 m         |         | 126.0028 | 1034          |
| 130  | PTFE core liner 2.7/4.7; yellow; wire electrode Ø 1.6; for 3.00 m          |         | 126.0039 | 1034          |
| 130  | PTFE core liner 2.7/4.7; yellow; wire electrode Ø 1.6; for 4.00 m          |         | 126.0042 | 1034          |
| 130  | PTFE core liner 2.7/4.7; yellow; wire electrode Ø 1.6; for 5.00 m          |         | 126.0045 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 3.00 m       |         | 127.0002 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 4.00 m       |         | 127.0003 | 1034          |
| 130  | PTFE carbon core liner 1.5/4.0; wire electrode Ø 0.8–1.0; for 5.00 m       |         | 127.0004 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 3.00 m       |         | 127.0005 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 4.00 m       |         | 127.0007 | 1034          |
| 130  | PTFE carbon core liner 2.0/4.0; wire electrode Ø 1.0–1.2; for 5.00 m       |         | 127.0008 | 1034          |
| 130  | PTFE carbon core liner 2.7/4.7; wire electrode Ø 1.6; for 3.00 m           |         | 127.0010 | 1034          |
| 130  | PTFE carbon core liner 2.7/4.7; wire electrode Ø 1.6; for 4.00 m           |         | 127.0012 | 1034          |
| 130  | PTFE carbon core liner 2.7/4.7; wire electrode Ø 1.6; for 5.00 m           |         | 127.0013 | 1034          |
| 131  | Nipple for core liner at Ø 4.0                                             | 20 Pcs. | 131.0001 | 1095          |
| 131  | Nipple for core liner at Ø 4.7                                             | 20 Pcs. | 131.0002 | 1095          |
| 132  | O-Ring 3.5x1.5                                                             | 20 Pcs. | 165.0008 | 9010          |
| 133  | Guide tube for core liners up to Ø 4.0 (200 mm)                            | 10 Pcs. | 129.0461 | 1095          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 3.00 m       |         | 128.M002 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 4.00 m       |         | 128.M003 | 1034          |
| 140  | Combined wire guide cpl. polyamide/brass; wire Ø 1.0–1.2; for 5.00 m       |         | 128.M004 | 1034          |
| 141  | Brass spiral made up with sleeve (200 mm)                                  | 10 Pcs. | 001.0305 | 1095          |
| 200  | Spanner Standard                                                           | 10 Pcs. | 191.0001 | 9010          |



## Notes



# Standard Terms and Conditions of Deliveries and Services

## (Terms and Conditions of Sale) of Alexander Binzel Schweistechnik GmbH & Co. KG

### § 1 Validity of the Terms and Conditions of Business

- 1.1** All our deliveries, services and tenders take place exclusively on the basis of these Standard Terms and Conditions of Deliveries and Services Payment (hereinafter called "these business conditions"). These business conditions are an element of all agreements that we conclude with our contractual partners (hereinafter called "customers").
- 1.2** The customer's Standard Terms and Conditions of Business do not apply, even if we do not contradict their validity in individual cases. Neither does reference to a letter that contains the customer's or a third party's Standard Terms and Conditions of Business, or refers to such, constitute an agreement with the validity of the aforesaid Standard Terms and Conditions of Business. They also do not become a contractual element through conclusive actions, such as the production of a performance by us.
- 1.3** The business conditions apply to all agreements on deliveries and services on our part, as well as all peripheral services. These business conditions are valid for all future deliveries and services on our part even without a separate agreement of inclusion.

### § 2 Tender and conclusion of the agreement

- 2.1** Insofar as our tenders are marked expressly as being subject to change, we can also revoke these immediately after receipt of acceptance by the customer.
- 2.2** The customer does not acquire any copyright to any tenders or cost estimates submitted by us, nor to any drawings, illustrations, calculations, descriptions, models, tools and other documents and material resources made available to him. This also applies to those materials and documents mentioned that are expressly labelled "confidential" or whose confidential character arises from the circumstances. The passing on of the abovementioned materials and documents to third parties requires at any rate our permission. The customer must ensure this by appropriate agreements with his employees or any other persons who work with knowledge and consent in his area of responsibilities. The abovementioned materials and documents must be returned immediately at the customer's expense, if an agreement does not come into being or they are no longer required for further contractual implementation.

### § 3 Prices

- 3.1** Unless otherwise stated in the order confirmation, our prices are valid "ex Works", excluding packaging; this will be charged separately.
- 3.2** Legal value-added tax is not included in our prices. It is shown separately in the invoice in the amount legally prescribed on the day of invoicing. In the case of foreign transactions, the value-added tax no longer applies; however, the recipient must pay the taxes and fees incurred for the transfer into the recipient's country, especially customs duties and the additional legal taxes or charges incurred in the recipient's country itself.
- 3.3** The deduction of a discount for cash requires a separate agreement. The customer's Standard Terms and Conditions of Business, which call for the deduction of a cash discount, do not apply.

### § 4 Implementation of the deliveries and services, delivery and service times

- 4.1** Unless otherwise agreed, the delivery takes place "ex Works".
- 4.2** The start of the delivery or service time stated by us presupposes the clarification of all technical issues.
- 4.3** Furthermore, the observance of our delivery and service obligations presupposes the customer's punctual and proper performance. We are fully entitled to the plea of non-performance.
- 4.4** If the person ordering is in default of taking delivery or infringes any other duties to cooperate, we are entitled to request replacement of any loss incurred by us in this respect, including any additional expenditure. More extensive claims remain unaffected.
- 4.5** Insofar as the conditions of § 4 (4) are met, the risk of accidental loss or unintentional deterioration of the object to be delivered passes to the customer at that point in time, when he has fallen into default of taking delivery.
- 4.6** If it has been agreed with the customer that our delivery or service does not have to take place at a fixed time, but within a certain period, we are entitled to deliver or produce our performance before the expiration of the period also. If a fixed date has been agreed with the customer, we are entitled to premature delivery or production of the performance, after having given the customer reasonable notice of this before delivery or production of the performance. This does not apply, if the delivery can only take place on the agreed date for reasons discernible for us.
- 4.7** Unless otherwise agreed, the customer, in the case of agreements that entitle him to request partial deliveries from a total quantity of goods, is obligated to give us punctual requests and assortment plans for approximate identical monthly quantities. If the customer does not request delivery punctually or does not plan in good time, we are entitled to take over the planning ourselves and to deliver the goods after a reasonable extended deadline has passed fruitlessly. If the customer fails to request delivery at all or in good time or fails to plan at all or in good time we are entitled to withdraw from the entire agreement after prior warning. Any compensation claims to which we are legally entitled remain at any rate unaffected.
- 4.8** With regard to order for goods to be delivered on demand according to § 4 (7) of these business conditions, we are entitled, unless otherwise agreed, to procure the material for the entire order and to manufacture the entire quantity ordered immediately. Requests from the customer for changes can no longer be taken into consideration after the order has been placed.
- 4.9** Increased or short deliveries are permissible in accordance with ordinary trade usage.

### § 5 Delays in delivery

- 5.1** Stoppages caused by force majeure, strikes for which we are not responsible or lock-outs or a lack of operating and/or raw materials entitle us, to withdraw from the not yet fulfilled agreement, if the abovementioned circumstances make delivery or performance impossible not only temporarily and in addition were not discernible on conclusion of the agreement.
- 5.2** If we are in delay with a delivery or service or if a delivery or service becomes impossible for us, the customer's claim for compensation is restricted subject to § 9 of these business conditions.

### § 6 Place of performance, shipment, packaging, passing of the risk

- 6.1** The place of performance for all obligations from the contractual relationship with the customer is Buseck/Alten-Buseck.
- 6.2** Unless otherwise agreed, we will select the most economical packaging known to us and the most economical type of shipment known to us.
- 6.3** Unless otherwise agreed, the risk passes to the customer at the latest with the handover of the delivered objects to the shipping contractor, carrier or other company appointed with the implementation of the consignment. § 4 (4) remains unaffected.
- 6.4** The shipment will only be insured by us against theft, breakage, damage during transport, fire and water damage or any other insurable risks at the express written request of the customer and at his expense.
- 6.5** We will only take back packaging in our storehouses (return depots). The customer pays the costs of transporting the packaging to the respective return depot. If packaging different from the standard packaging (special packaging) is used at the customer's request, the customer is obliged to recycle or dispose of this at his own expense.

### § 7 Customer's claims in case of defects or incomplete deliveries and services

- 7.1** The objects delivered by us must be carefully examined immediately after delivery to the customer or to the third party appointed by him. They are considered approved, if a complaint, that could have been discovered on careful examination, is not reported in writing within three days after receipt of the goods, the date of sending the complaint to us being decisive. If the defect was not noticeable by careful examination, the obligation to report the complaint immediately in writing is valid from the time of discovery.

- 7.2** If a delivery or service defect exists, for which we are responsible, we are obliged, at our option, to remedy the defect or deliver a replacement. In the case of remedying the defect, we are obliged to pay all costs required to remedy the defect, in particular transport, labour and material costs, unless these are increased by the fact that the purchased object was taken to a different location than the original place of consignment. This does not apply, if transporting the delivered object to another location corresponds to its agreed use.

If we select subsequent performance in the form of replacement, the delivered objects with failures must be sent back to us carriage paid, whereby the customer is obliged to select the most economical type of shipment.

- 7.3** The limitation period for claims based on quality defects. The warranty period amounts to one year and begins with the time of delivery to the customer or to a third party appointed by the customer.
- 7.4** The delivery of used objects takes place excluding any warranty whatsoever.

### § 8 Purchase of consumer goods

§ 7 (3) does not apply, if the newly manufactured objects delivered by us are sold to consumers, also within the context of a chain of suppliers.

### § 9 Compensatory damages

- 9.1** We are only liable - regardless of for which legal reason - for the wilful and gross negligent conduct of our agencies and vicarious agents as well as - without regard to the degree of culpability - for damages from injury to life, body or health.
- 9.2** We are also responsible for slight negligence by our agencies and vicarious agents in the event of delay in performance or infringement of any other cardinal duty. In such a case our liability is restricted to damage that has to be reasonably expected when concluding such an agreement.
- 9.3** All limitations of liability also apply in the event that the infringement of contractual duties simultaneously represents an actionable tort.

### § 10 Reservation of ownership

- 10.1** We retain the right to ownership of the delivered object until all payments from the delivery agreement have been received. In the event of breach of contract by the customer, especially in the case of default of payment, we are entitled to take the delivered object back after a reasonable extended deadline has passed fruitlessly. Taking back the delivered object does not signify a withdrawal from the agreement, unless expressly declared by us in writing. The seizure of the delivered good-subject by us invariably represents a withdrawal from the agreement. After repossessing taking back the delivered goodsobject, we are authorised to sell them; the proceeds from the sale will be deducted from the customer's liabilities - minus reasonable realisation costs.
- 10.2** The customer is obliged to keep the delivered objects in safe custody for us and to treat them with care.
- 10.3** In the event of seizures or any other third-party encroachments on our delivered objects, the customer must notify us immediately in writing so that we can take legal action according to § 771 Civil Procedure Rules (ZPO). If the third party is not in a position to refund us the legal and out-of-court costs of a lawsuit according to § 771 ZPO, the customer person ordering is liable for the loss incurred by us.
- 10.4** The customer is entitled to re-sell the delivered object in the normal course of business; however, he now already assigns us all demands amounting to the final invoice amount (including value-added tax) of our demand arising against his customers or third parties from the resale, regardless of whether the delivered object is re-sold with or without processing. The customer is also authorised to collect this demand after the assignment. Our authorisation to collect the demand ourselves remains unaffected by this. However, we agree not to collect the demand as long as the customer fulfils his payment obligations from the collected revenue, does not fall behind in his payments, and in particular no application for commencement of insolvency proceedings has been filed or there is a suspension of payments. However, if this is the case, we can request that the customer informs us of the assigned demands and their debtor immediately, gives us all details necessary for their collection, hands over the relevant documentation and notifies the debtor (third party) of the assignment immediately and informs us thereof by means of a copy/accompanying letter.
- 10.5** The processing or transformation of the delivered objects by the customer will always be carried out on our behalf by us. If the delivered object is processed with other objects that do not belong to us, we acquire co-ownership of the new object in the ratio of the value of the delivered object (final invoice amount including value-added tax) to the other processed objects at the time of processing. The same provisions apply otherwise for the object created by the aforesaid processing as for the object delivered with reservations.
- 10.6** If the delivered object is inseparably mixed with other objects that do not belong to us, we acquire co-ownership of the new object in the ratio of the value of the delivered object (final invoice amount including value-added tax) to the other mixed objects at the time of mixing. If the mixing takes place in a way in which the customer's object is to be regarded as the main object, it is considered agreed that the customer will transfer proportionate co-ownership to us. The customer will safeguard the created sole ownership or co-ownership for us.
- 10.7** At the customer's request, we undertake to release the securities to which we are entitled insofar as the feasible value of our securities exceeds the demands to be safeguarded by more than 10 %; we are entitled to select the securities to be released.

### § 11 Terms of payment

- 11.1** Unless otherwise agreed, our invoice amounts are payable within 30 days without any deduction. On expiration of this deadline, the customer is in default of payment without a warning on our part being required.
- 11.2** The customer may not exercise any right of set-off unless his/its counterclaim shall be undisputed or conclusively ruled upon. The same applies to the assertion of a right of retention.

### § 12 Written form and final provisions

- 12.1** Any regulations deviating from these business conditions require the written form. This does not apply to regulations, which have been agreed from our side with Managing Directors or authorised signatories.
- 12.2** The legal venue for any disputes from the business relationship between us and the customer is Gießen. However, we are also entitled to take legal action against the customer at his standard legal venue as well as at the location to which the delivered object was sent at the customer's request.
- 12.3** All legal relationships in connection with entering in, performing under or termination of this agreement shall be governed and construed in all respects in accordance with the laws of the Federal Republic of Germany with the exclusion of the Convention on Contracts for the International Sale of Goods (CISG). This also applies, if the legal relationships arise from tort or based on any other legal bases.





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