

MIG/MAG welding torches "MB EVO PRO"

Air cooled • rating 220 A up to 320 A

The MB EVO PRO torch series represents a totally new concept in welding torch design, form and function. Unique ergonomics, following extensive research, provide a greater sense of control, enabling the welder to feel as "one" with his torch. The trigger position, trigger design and ball joint construction guarantee optimum balance and comfort in all welding positions.

Air cooled MB EVO PRO welding torches feature the reduced weight "BIKOX® LW" cable assembly, for even better handling and scientifically proven reduced operator fatigue, in all welding positions. Improved handling and reduced strain have further been shown to have a measurable impact on weld seam quality.

MB EVO PRO torches offer the best performance to weight ratio of any comparable torch on the market.

- Low weight BIKOX® (LW) – offering weight reduction of up to 34%
- Genuine two-component handle – robust and ergonomic
- Optimum trigger position and tapered handle design – for precise predictable handling
- Unique internal geometry for air cooled torches – enabling a cooler grip with maximum mechanical strength
- Proven "MB" wear parts – for long, economic service life
- Robust, optimised central connector



MB EVO PRO 24

Technical data (EN 60 974-7):

Rating: 250 A CO₂
220 A mixed gas M21
(DIN EN ISO 14175)

Duty cycle: 60%

Wire size: 0.8 - 1.2 mm

MB EVO PRO 26

Technical data (EN 60 974-7):

Rating: 270 A CO₂
240 A mixed gas M21
(DIN EN ISO 14175)

Duty cycle: 60%

Wire size: 0.8 - 1.2 mm

MB EVO PRO 36

Technical data (EN 60 974-7):

Rating: 320 A CO₂
290 A mixed gas M21
(DIN EN ISO 14175)

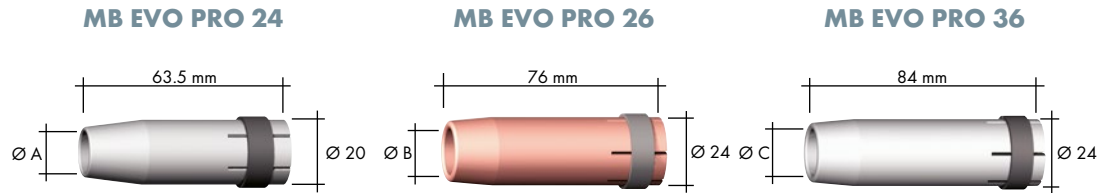
Duty cycle: 60%

Wire size: 0.8 - 1.2 mm

| Torch complete Type | Handle | Part-No. | | | Swan neck | |
|------------------------|-------------------|------------|------------|------------|-----------|------------|
| | | 3 m | 4 m | 5 m | Type | Part-No. |
| MB EVO PRO 24 | Type "MB EVO PRO" | 012.0371.1 | 012.0372.1 | 012.0373.1 | 50° | 012.0374.1 |
| MB EVO PRO 26 | Type "MB EVO PRO" | 018.0211.1 | 018.0212.1 | 018.0213.1 | 50° | 018.0214.1 |
| MB EVO PRO 36 | Type "MB EVO PRO" | 014.0529.1 | 014.0530.1 | 014.0531.1 | 50° | 014.0518.1 |

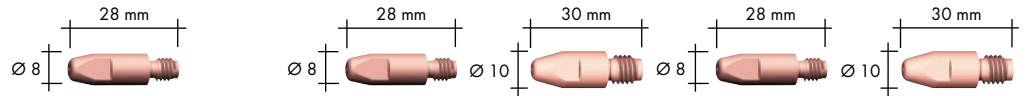
MB EVO PRO 24, MB EVO PRO 26, MB EVO PRO 36

Wear parts



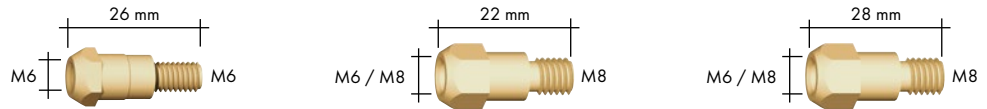
Gas nozzle (10 pcs.)

| | Ø A | | Ø B | | Ø C | |
|-------------|--------|-----------------------|------|-----------------------|------|-----------------------|
| Cylindrical | Ø 17 | 145.0047 | Ø 20 | 145.0051 | Ø 19 | 145.0045 |
| Conical | Ø 12.5 | 145.0080 ¹ | Ø 16 | 145.0085 ² | Ø 16 | 145.0078 ³ |
| Tapered | Ø 10 | 145.0128 | Ø 14 | 145.0132 | Ø 12 | 145.0126 |



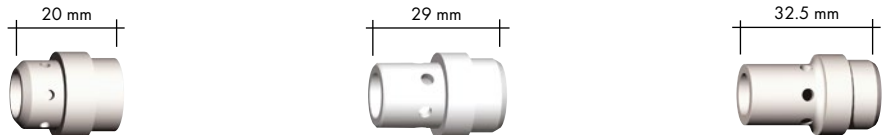
Contact tip (10 pcs.)

| | M6 | | M6 | M8 | M6 | M8 |
|-------------|-------|-----------------------|-----------------------|----------|----------|-----------------------|
| E-Cu | Ø 0.8 | 140.0051 | 140.0051 | 140.0114 | 140.0051 | 140.0114 |
| | Ø 1.0 | 140.0242 | 140.0242 | 140.0313 | 140.0242 | 140.0313 |
| | Ø 1.2 | 140.0379 | 140.0379 | 140.0442 | 140.0379 | 140.0442 |
| E-Cu for Al | Ø 0.8 | 141.0001 | 141.0001 | 141.0003 | 141.0001 | 141.0003 |
| | Ø 1.0 | 141.0006 | 141.0006 | 141.0008 | 141.0006 | 141.0008 |
| | Ø 1.2 | 141.0010 | 141.0010 | 141.0015 | 141.0010 | 141.0015 |
| CuCrZr | Ø 0.8 | 140.0054 | 140.0054 | 140.0117 | 140.0054 | 140.0117 |
| | Ø 1.0 | 140.0245 ¹ | 140.0245 ² | 140.0316 | 140.0245 | 140.0316 |
| | Ø 1.2 | 140.0382 | 140.0382 | 140.0445 | 140.0382 | 140.0445 ³ |



Contact tip holder (10 pcs.)

| | | | |
|----|-----------------------|-----------------------|-----------------------|
| M6 | 142.0003 ¹ | 142.0007 ² | 142.0005 |
| M8 | - | 142.0082 | 142.0020 ³ |



Gas diffuser (10 pcs.)

| | | | |
|-----------|-----------------------|-----------------------|-----------------------|
| Standard | 012.0183 ¹ | 018.0116 ² | 014.0261 ³ |
| Long life | - | - | 014.0026 |
| Ceramic | - | 018.0141 | 014.0023 |

| Liner | for 3 m | | | | for 4 m | | | | for 5 m | | | |
|-------------------|---------|--------------------------|--------------------------|--------------------------|---------|--------------------------|--------------------------|--------------------------|---------|--------------------------|--------------------------|--------------------------|
| | Ø 0.8 | Ø 1.0 | Ø 1.2 | | Ø 0.8 | Ø 1.0 | Ø 1.2 | | Ø 0.8 | Ø 1.0 | Ø 1.2 | |
| Liner | Ø 0.8 | 124.0011 | 124.0012 | 124.0015 | Ø 0.8 | 124.0011 | 124.0012 | 124.0015 | Ø 0.8 | 124.0011 | 124.0012 | 124.0015 |
| | Ø 1.0 | 124.0026 ^{1, 2} | 124.0031 ^{1, 2} | 124.0035 ^{1, 2} | Ø 1.0 | 124.0026 ^{1, 2} | 124.0031 ^{1, 2} | 124.0035 ^{1, 2} | Ø 1.0 | 124.0026 ^{1, 2} | 124.0031 ^{1, 2} | 124.0035 ^{1, 2} |
| | Ø 1.2 | 124.0026 ³ | 124.0031 ³ | 124.0035 ³ | Ø 1.2 | 124.0026 ³ | 124.0031 ³ | 124.0035 ³ | Ø 1.2 | 124.0026 ³ | 124.0031 ³ | 124.0035 ³ |
| PTFE liner | Ø 0.8 | 126.0005 | 126.0008 | 126.0011 | Ø 0.8 | 126.0005 | 126.0008 | 126.0011 | Ø 0.8 | 126.0005 | 126.0008 | 126.0011 |
| | Ø 1.0 | 126.0021 | 126.0026 | 126.0028 | Ø 1.0 | 126.0021 | 126.0026 | 126.0028 | Ø 1.0 | 126.0021 | 126.0026 | 126.0028 |
| | Ø 1.2 | 126.0021 | 126.0026 | 126.0028 | Ø 1.2 | 126.0021 | 126.0026 | 126.0028 | Ø 1.2 | 126.0021 | 126.0026 | 126.0028 |
| Carbon PTFE liner | Ø 0.8 | 127.0002 | 127.0003 | 127.0004 | Ø 0.8 | 127.0002 | 127.0003 | 127.0004 | Ø 0.8 | 127.0002 | 127.0003 | 127.0004 |
| | Ø 1.0 | 127.0005 | 127.0007 | 127.0008 | Ø 1.0 | 127.0005 | 127.0007 | 127.0008 | Ø 1.0 | 127.0005 | 127.0007 | 127.0008 |
| | Ø 1.2 | 127.0005 | 127.0007 | 127.0008 | Ø 1.2 | 127.0005 | 127.0007 | 127.0008 | Ø 1.2 | 127.0005 | 127.0007 | 127.0008 |

¹ Included in the standard equipment for complete torches MB EVO PRO 24.

² Included in the standard equipment for complete torches MB EVO PRO 26.

³ Included in the standard equipment for complete torches MB EVO PRO 36.