

# 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 CO<sub>2</sub>  
220 A Mixed Gases 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 CO<sub>2</sub>  
240 A Mixed Gases 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 CO<sub>2</sub>  
290 A Mixed Gases M21 (DIN EN ISO 14175)

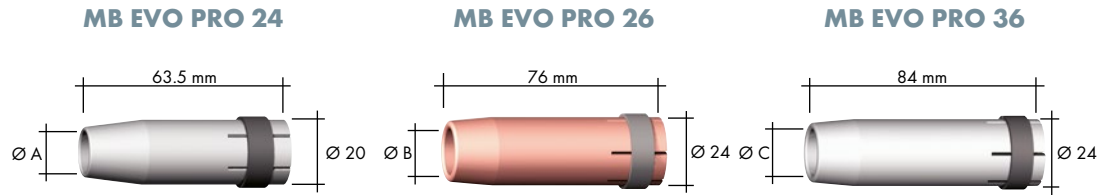
Duty cycle: 60%

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

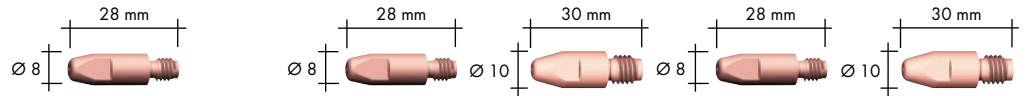
# MB EVO PRO 24, MB EVO PRO 26, MB EVO PRO 36

## Wear parts



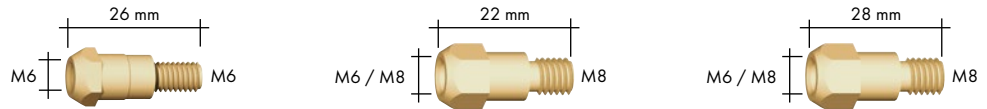
## Gas nozzle (10 pcs.)

	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 <sup>1</sup>	Ø 16	145.0085 <sup>2</sup>	Ø 16	145.0078 <sup>3</sup>
Tapered	Ø 10	145.0128	Ø 14	145.0132	Ø 12	145.0126



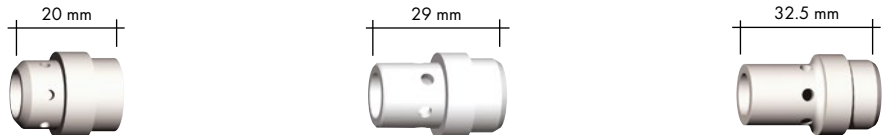
## Contact tip (10 pcs.)

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



## Contact tip holder (10 pcs.)

M6	142.0003 <sup>1</sup>	142.0007 <sup>2</sup>	142.0005
M8	-	142.0082	142.0020 <sup>3</sup>



## Gas diffuser (10 pcs.)

Standard	012.0183 <sup>1</sup>	018.0116 <sup>2</sup>	014.0261 <sup>3</sup>
Long life	-	-	014.0026
Ceramic	-	018.0141	014.0023

Liner		for 3 m	for 4 m	for 5 m
Liner	Ø 0.8	124.0011	124.0012	124.0015
	Ø 1.0	124.0026 <sup>1, 2</sup>	124.0031 <sup>1, 2</sup>	124.0035 <sup>1, 2</sup>
	Ø 1.2	124.0026 <sup>3</sup>	124.0031 <sup>3</sup>	124.0035 <sup>3</sup>
PTFE liner	Ø 0.8	126.0005	126.0008	126.0011
	Ø 1.0	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 1.0	127.0005	127.0007	127.0008
	Ø 1.2	127.0005	127.0007	127.0008

<sup>1</sup> Included in the standard equipment for complete torches MB EVO PRO 24.

<sup>2</sup> Included in the standard equipment for complete torches MB EVO PRO 26.

<sup>3</sup> Included in the standard equipment for complete torches MB EVO PRO 36.