

# MIG/MAG Welding Torches "MB EVO PRO" air cooled

## Rating 150 A up to 230 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 15

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

Rating:	180 A CO <sub>2</sub> 150 A Mixed Gases M21 (DIN EN ISO 14175)
Duty cycle:	60%
Wire size:	0.6 – 1.0 mm

### MB EVO PRO 25

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

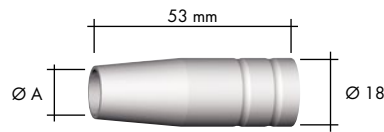
Rating:	230 A CO <sub>2</sub> 200 A Mixed Gases M21 (DIN EN ISO 14175)
Duty cycle:	60%
Wire size:	0.8 – 1.2 mm

Torch complete Type	Handle	Part-No.			Swan neck	
		3 m	4 m	5 m	Type	Part-No.
MB EVO PRO 15	Type "MB EVO PRO"	002.0712.1	002.0713.1	002.0714.1	50°	002.0715.1
MB EVO PRO 25	Type "MB EVO PRO"	004.0671.1	004.0672.1	004.0673.1	50°	004.0663.1

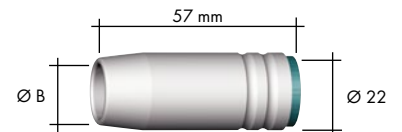
# MB EVO PRO 15, MB EVO PRO 25

## Wear parts

### MB EVO PRO 15

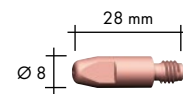
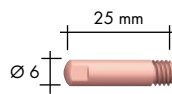


### MB EVO PRO 25



## Gas nozzle (10 pcs.)

	Ø A		Ø B	
Cylindrical	Ø 16	145.0041	Ø 18	145.0042
Conical	Ø 12	145.0075 <sup>1</sup>	Ø 15	145.0076 <sup>2</sup>
Tapered	Ø 9.5	145.0123	Ø 11.5	145.0124



## Contact tip (10 pcs.)

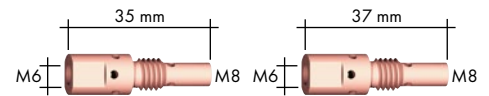
		M6	M6
E-Cu	Ø 0.6	140.0008	-
	Ø 0.8	140.0059	140.0051
	Ø 1.0	140.0253	140.0242
	Ø 1.2	-	140.0379
E-Cu for Al	Ø 0.8	141.0002	141.0001
	Ø 1.0	141.0007	141.0006
	Ø 1.2	-	141.0010
CuCrZr	Ø 0.6	140.0855	-
	Ø 0.8	140.0062 <sup>1</sup>	140.0054
	Ø 1.0	140.0256	140.0245 <sup>2</sup>
	Ø 1.2	-	140.0382

## Nozzle spring (100 pcs.)



	002.0058 <sup>1</sup>	003.0013 <sup>2</sup>
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## Gas nozzle holder (VE=1) / Contact tip holder (VE=10)



M6	002.0078 <sup>1</sup>	142.0001 <sup>2</sup>	142.0267.10
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Liner		for 3 m			for 4 m			for 5 m		
		Ø			Ø			Ø		
Liner	Ø 0.6		124.0011		124.0012		124.0015			
	Ø 0.8		124.0011 <sup>1</sup>		124.0012 <sup>1</sup>		124.0015 <sup>1</sup>			
	Ø 1.0		124.0026 <sup>2</sup>		124.0031 <sup>2</sup>		124.0035 <sup>2</sup>			
	Ø 1.2		124.0026		124.0031		124.0035			
PTFE liner	Ø 0.6		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 1.2		126.0021		126.0026		126.0028			
Carbon PTFE liner	Ø 0.6		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 1.2		127.0005		127.0007		127.0008			

<sup>1</sup> Included in the standard equipment for complete torches MB EVO PRO 15.

<sup>2</sup> Included in the standard equipment for complete torches MB EVO PRO 25.