

MB EVO PRO

MIG/MAG WELDING TORCHES **MB EVO PRO**



- ✓ **Gas or liquid cooling**
- ✓ **Lightweight BIKOX® LW cable assembly**
- ✓ **Optimal handling concept**

Experienced professionals: The torch series MB EVO PRO is the established standard for demanding industrial welding. The torches are optionally available in gas or liquid cooled versions. Gas cooled MB EVO PRO torches with the particularly light BIKOX® LW cable assembly enable relaxed welding in any position. Due to the cooler frontend, liquid cooled MB EVO PRO torches offer especially long service lives and additional power reserves. All MB EVO PRO torches are excellent to handle and fit perfectly in the hand.

MB EVO PRO advantages

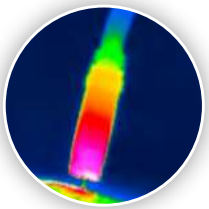
- Maximum service life and proven MB wear part concept
- Lightweight BIKOX® LW cable assembly takes the strain off the welder
- Robust, ergonomic 2-component handle
- Easy-to-repair design, simplest maintenance
- Remote control modules optionally available



OPTIMAL BALANCE



PERFECT ERGONOMICS



OPTIMIZED COOLING

For special torch necks & gas nozzles see chapter "Accessories & special equipment"

UP TO **550 A**

Type	Cooling	CO_2	Mixed gas M21*	Duty cycle	Wire Ø
MB EVO PRO 15	gas cooled	180 A	150 A	60 %	0.6 – 1.0 mm
MB EVO PRO 25	gas cooled	230 A	200 A	60 %	0.8 – 1.2 mm
MB EVO PRO 24	gas cooled	250 A	220 A	60 %	0.8 – 1.2 mm
MB EVO PRO 26	gas cooled	270 A	240 A	60 %	0.8 – 1.2 mm
MB EVO PRO 36	gas cooled	320 A	290 A	60 %	0.8 – 1.2 mm
MB EVO PRO 240 D	liquid cooled	325 A	300 A	100 %	0.8 – 1.2 mm
MB EVO PRO 401 D	liquid cooled	450 A	500 A	100 %	0.8 – 1.2 mm
MB EVO PRO 501 D	liquid cooled	550 A	500 A	100 %	1.0 – 1.6 mm

Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

MIG/MAG WELDING TORCHES **MB EVO PRO**

MB EVO PRO 15 / 15 FLEX ▪ MB EVO PRO 25 / 25 FLEX

All documents in one place: ABIDOC



MB EVO PRO 15

MB EVO PRO 25

Also available with flexible torch neck!

150–230 A

MB EVO PRO 15 / 15 FLEX

Rating: 180 A CO_2
150 A Mixed gas M21*
Duty cycle: 60 %
Wire Ø: 0.6–1.0 mm

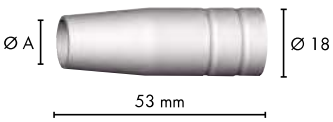
MB EVO PRO 25 / 25 FLEX

Rating: 230 A CO_2
200 A Mixed gas M21*
Duty cycle: 60 %
Wire Ø: 0.8–1.2 mm

Torch complete		**Part-No.**			**Torch neck**	
Type	Cooling	3 m	4 m	5 m	Type	Part-No.
MB EVO PRO 15	gas cooled	002.0712.1	002.0713.1	002.0714.1	50°	002.0715.1
MB EVO PRO 15 FLEX	gas cooled	002.0779.1	002.0780.1	002.0781.1	FLEX	002.0029**
MB EVO PRO 25	gas cooled	004.0671.1	004.0672.1	004.0673.1	50°	004.0663.1
MB EVO PRO 25 FLEX	gas cooled	004.0805.1	004.0806.1	004.0807.1	FLEX	004.0032**

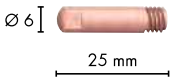
Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

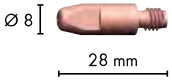
Wear parts | **MB EVO PRO 15** | **MB EVO PRO 25**





Gas nozzle (10 pcs.)	Ø A		Ø B	
Cylindrical	Ø 16	145.0041	Ø 18	145.0042
Conical	Ø 12	145.0075*	Ø 15	145.0076**
Tapered	Ø 9.5	145.0123	Ø 11.5	145.0124





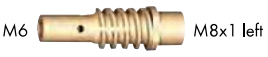
Contact tip (10 pcs.)		M6	M6
E-Cu	Ø 0.6	140.0008	–
	Ø 0.8	140.0059	140.0051
	Ø 1.0	140.0253	140.0242
	Ø 1.2	–	140.0379
CuCrZr	Ø 0.6	140.0855	–
	Ø 0.8	140.0062*	140.0054
	Ø 1.0	140.0256	140.0245**
	Ø 1.2	–	140.0382

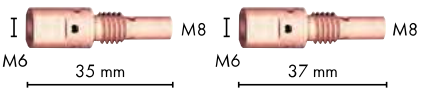
For more contact tips see chapter "Accessories & special equipment"





Nozzle spring (100 pcs.)		
	002.0058*	003.0013**





Gas nozzle holder (1 pc.) Contact tip holder (10 pcs.)			
M6	002.0078.10*	142.0001**	142.0267.10
		142.0015	



Liner	Ø	for 3 m	for 4 m	for 5 m
Insulated liner	Ø 0.6	124.0011	124.0012	124.0015
	Ø 0.8	124.0011*	124.0012*	124.0015*
	Ø 1.0	124.0026**	124.0031**	124.0035**
	Ø 1.2	124.0026	124.0031	124.0035

For more liner see chapter "Accessories & special equipment"

Standard equipment

*Included in the standard equipment for complete torches MB EVO PRO 15

**Included in the standard equipment for complete torches MB EVO PRO 25

MIG/MAG WELDING TORCHES **MB EVO PRO**

MB EVO PRO 24 ▪ MB EVO PRO 26 ▪ MB EVO PRO 36

All documents in one place: ABIDOC



MB EVO PRO 24

MB EVO PRO 26

MB EVO PRO 36



Optional control modules can be found on page 90.

220–320 A

MB EVO PRO 24

Rating: 250 A CO_2
220 A Mixed gas M21*
Duty cycle: 60 %
Wire Ø: 0.8–1.2 mm

MB EVO PRO 26

Rating: 270 A CO_2
240 A Mixed gas M21*
Duty cycle: 60 %
Wire Ø: 0.8–1.2 mm

MB EVO PRO 36

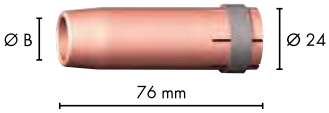
Rating: 320 A CO_2
290 A Mixed gas M21*
Duty cycle: 60 %
Wire Ø: 0.8–1.2 mm

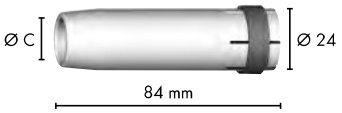
Torch complete		**Part-No.**			**Torch neck**	
Type	Cooling	3 m	4 m	5 m	Type	Part-No.
MB EVO PRO 24	gas cooled	012.0371.1	012.0372.1	012.0373.1	50°	012.0374.1
MB EVO PRO 26	gas cooled	018.0211.1	018.0212.1	018.0213.1	50°	018.0214.1
MB EVO PRO 36	gas cooled	014.0529.1	014.0530.1	014.0531.1	50°	014.0518.1

Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

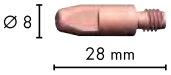
Wear parts | **MB EVO PRO 24** | **MB EVO PRO 26** | **MB EVO PRO 36**

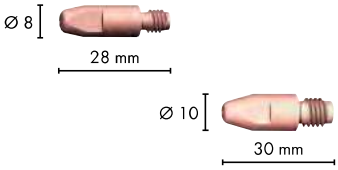


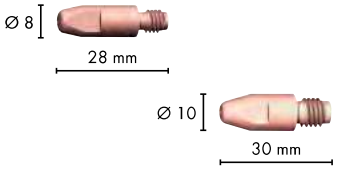




Gas nozzle (10 pcs.)	Ø A		Ø B		Ø C	
Cylindrical	Ø 17	145.0047	Ø 20	145.0051	Ø 19	145.0045
Conical	Ø 12.5	145.0080*	Ø 16	145.0085**	Ø 16	145.0078***
Tapered	Ø 10	145.0128	Ø 14	145.0132	Ø 12	145.0126

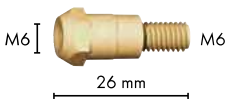






Contact tip (10 pcs.)		M6	M6	M8	M6	M8
E-Cu	Ø 0.8	140.0051	140.0051	140.0114	140.0051	140.0114
	Ø 1.0	140.0242	140.0242	140.0313	140.0242	140.0313
	Ø 1.2	140.0379	140.0379	140.0442	140.0379	140.0442
CuCrZr	Ø 0.8	140.0054	140.0054	140.0117	140.0054	140.0117
	Ø 1.0	140.0245*	140.0245**	140.0316	140.0245	140.0316
	Ø 1.2	140.0382	140.0382	140.0445	140.0382	140.0445***

For more contact tips see chapter “Accessories & special equipment”







Contact tip holder (10 pcs.)			
M6	142.0003*	142.0007**	142.0005
M8	–	142.0082	142.0020***







Gas diffusor (10 pcs.)			
Standard	012.0432.10*	018.0260.10**	014.0748.10***
Long life	–	–	014.0738.10
Ceramic	–	018.0141	014.0023



Liner	Ø	for 3 m	for 4 m	for 5 m
Insulated liner	Ø 0.8	124.0011	124.0012	124.0015
	Ø 1.0	124.0026***	124.0031***	124.0035***
	Ø 1.2	124.0026***	124.0031***	124.0035***

For more liner see chapter “Accessories & special equipment”

Standard equipment

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

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

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



MB EVO

MIG/MAG WELDING TORCHES **MB EVO**

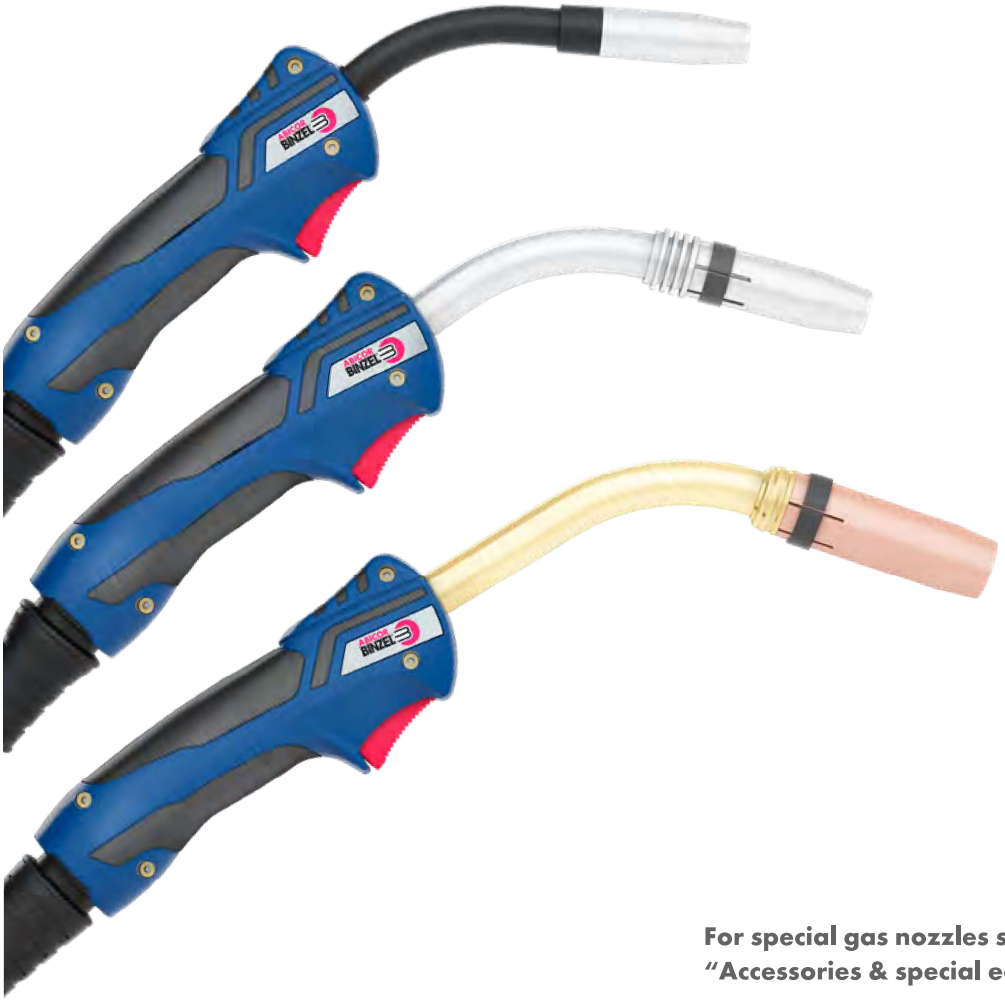


- ✓ **Proven, robust industrial torches**
- ✓ **With gas or liquid cooling**
- ✓ **Versatile use**

Robust classics: With their tried and tested torch technology and proven design, torches of the MB EVO series are the ideal solution for everyone looking for a robust, reliable torch with a very good price-performance ratio. Thanks to their ergonomic design, they form a perfect unit with the welder's hand. Thus, they permanently ensure the best welding results even under rough operating conditions.

MB EVO advantages

- Maximum service life and proven MB wear part concept
- Easy-to-repair design, simplest maintenance
- Robust 2-component handle
- Ergonomic design for best handling in any position



For special gas nozzles see chapter "Accessories & special equipment"

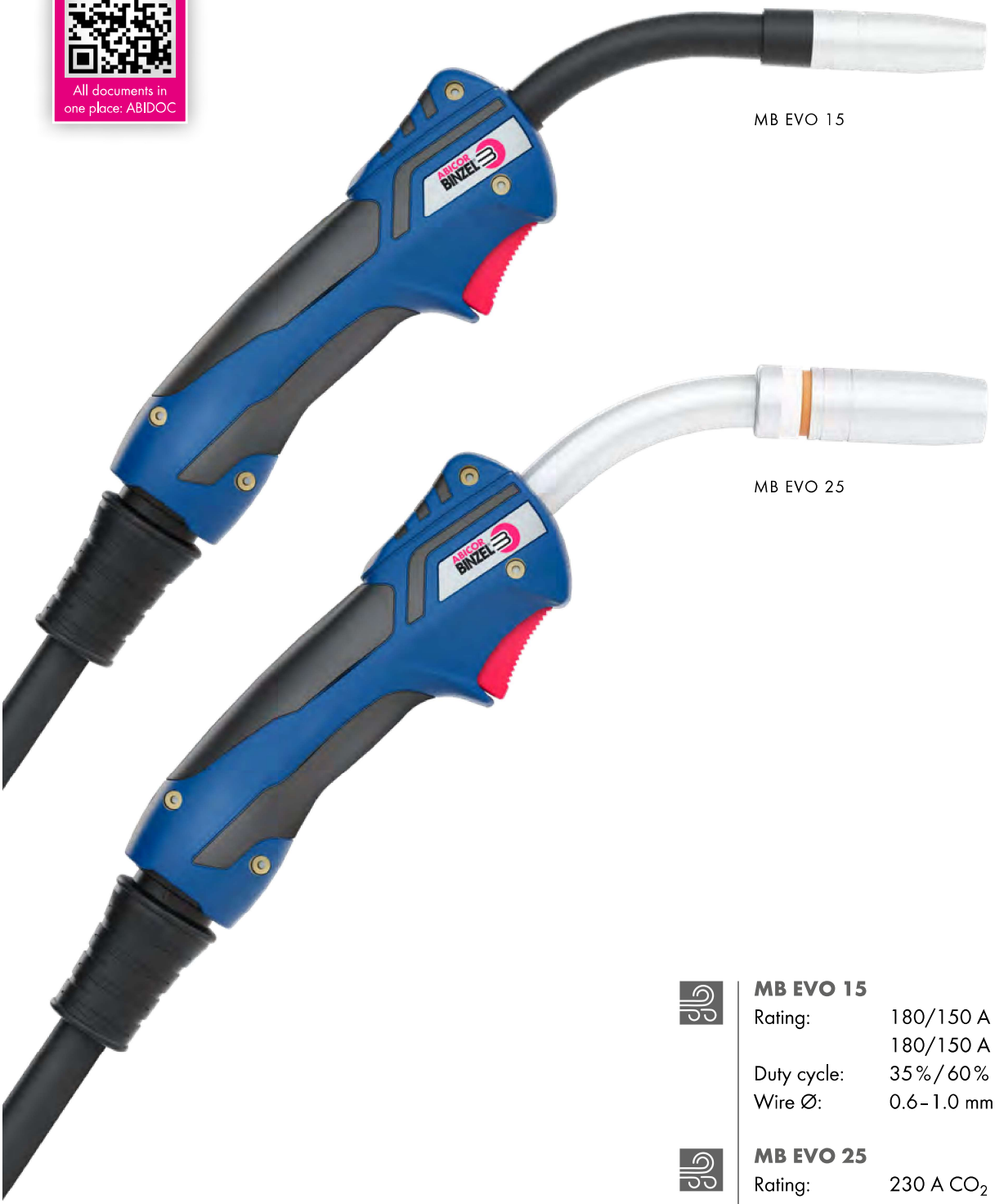
UP TO 500 A

Type	Cooling	CO_2	Mixed gas M21*	Duty cycle	Wire Ø
MB EVO 15	gas cooled	180/150 A	180/150 A	35%/60%	0.6–1.0 mm
MB EVO 25	gas cooled	230 A	200 A	60%	0.8–1.2 mm
MB EVO 24	gas cooled	250 A	220 A	60%	0.8–1.2 mm
MB EVO 36	gas cooled	320 A	290 A	60%	0.8–1.2 mm
MB EVO 240 D	liquid cooled	300 A	270 A	100%	0.8–1.2 mm
MB EVO 401 D	liquid cooled	400 A	350 A	100%	0.8–1.2 mm
MB EVO 501 D	liquid cooled	500 A	450 A	100%	1.0–1.6 mm

Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

MIG/MAG WELDING TORCHES **MB EVO**
MB EVO 15 ▪ MB EVO 25

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MB EVO 15

MB EVO 25

MB EVO 15

Rating:	180/150 A CO_2
	180/150 A Mixed gas M21*
Duty cycle:	35 %/60 %
Wire Ø:	0.6–1.0 mm

MB EVO 25

Rating:	230 A CO_2
	200 A Mixed gas M21*
Duty cycle:	60 %
Wire Ø:	0.8–1.2 mm

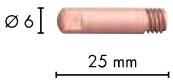
150–230 A

Torch complete		**Part-No.**			**Torch neck**	
Type	Cooling	3 m	4 m	5 m	Type	Part-No.
MB EVO 15	gas cooled	002.0709.1	002.0710.1	002.0711.1	50°	002.0715.1
MB EVO 25	gas cooled	004.0668.1	004.0669.1	004.0670.1	50°	004.0663.1

Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

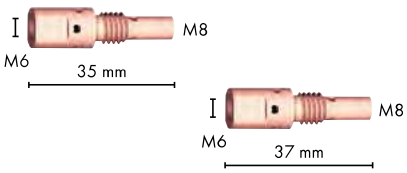
Wear parts

	MB EVO 15		MB EVO 25	
				
Gas nozzle (10 pcs.)	**Ø A**		**Ø B**	
Cylindrical	Ø 16	145.0041	Ø 18	145.0042
Conical	Ø 12	145.0075*	Ø 15	145.0076**
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
CuCrZr	Ø 0.6		140.0855	–
	Ø 0.8		140.0062	140.0054
	Ø 1.0		140.0256	140.0245
	Ø 1.2		–	140.0382

For more contact tips see chapter “Accessories & special equipment”

		
Nozzle spring (100 pcs.)		
	002.0058*	003.0013**

			
Gas nozzle holder (1 pc.) **Contact tip holder** (10 pcs.)			
M6	002.0078.10*	142.0001**	142.0267.10



Liner	**Ø**	**for 3 m**	**for 4 m**	**for 5 m**
Insulated liner	Ø 0.6	124.0011	124.0012	124.0015
	Ø 0.8	124.0011*	124.0012*	124.0015*
	Ø 1.0	124.0026**	124.0031**	124.0035**
	Ø 1.2	124.0026	124.0031	124.0035

For more liner see chapter “Accessories & special equipment”

Standard equipment

*Included in the standard equipment for complete torches MB EVO 15

**Included in the standard equipment for complete torches MB EVO 25

MIG/MAG WELDING TORCHES **MB EVO**
MB EVO 24 ▪ MB EVO 36

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MB EVO 24

MB EVO 36

MB EVO 24

Rating:	250 A CO_2
	220 A Mixed gas M21*
Duty cycle:	60 %
Wire Ø:	0.8 – 1.2 mm

MB EVO 36

Rating:	320 A CO_2
	290 A Mixed gas M21*
Duty cycle:	60 %
Wire Ø:	0.8 – 1.2 mm

220 – 320 A

Torch complete		**Part-No.**			**Torch neck**	
Type	Cooling	3 m	4 m	5 m	Type	Part-No.
MB EVO 24	gas cooled	012.0368.1	012.0369.1	012.0370.1	50°	012.0374.1
MB EVO 36	gas cooled	014.0526.1	014.0527.1	014.0528.1	50°	014.0518.1

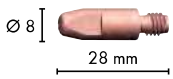
Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

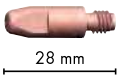
Wear parts | **MB EVO 24** | **MB EVO 36**

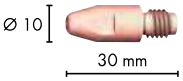




Gas nozzle (10 pcs.)	Ø A		Ø C	
Cylindrical	Ø 17	145.0047	Ø 19	145.0045
Conical	Ø 12.5	145.0080*	Ø 16	145.0078**
Tapered	Ø 10	145.0128	Ø 12	145.0126

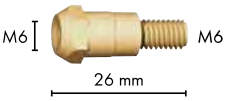






Contact tip (10 pcs.)		M6	M6	M8
E-Cu	Ø 0.8	140.0051	140.0051	140.0114
	Ø 1.0	140.0242*	140.0242	140.0313
	Ø 1.2	140.0379	140.0379	140.0442**
CuCrZr	Ø 0.8	140.0054	140.0054	140.0117
	Ø 1.0	140.0245	140.0245	140.0316
	Ø 1.2	140.0382	140.0382	140.0445

For more contact tips see chapter "Accessories & special equipment"





Contact tip holder (10 pcs.)		
M6	142.0003*	142.0005
M8	–	142.0020**





Gas diffusor (10 pcs.)		
Standard	012.0432.10*	014.0748.10**
Long life	–	014.0026
Ceramic	–	014.0023



Liner	Ø	for 3 m	for 4 m	for 5 m
Insulated liner isoliert	Ø 0.8	124.0011	124.0012	124.0015
	Ø 1.0	124.0026*	124.0031*	124.0035*
	Ø 1.2	124.0026**	124.0031**	124.0035**

For more liner see chapter "Accessories & special equipment"

Standard equipment

*Included in the standard equipment for complete torches MB EVO 24

**Included in the standard equipment for complete torches MB EVO 36