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

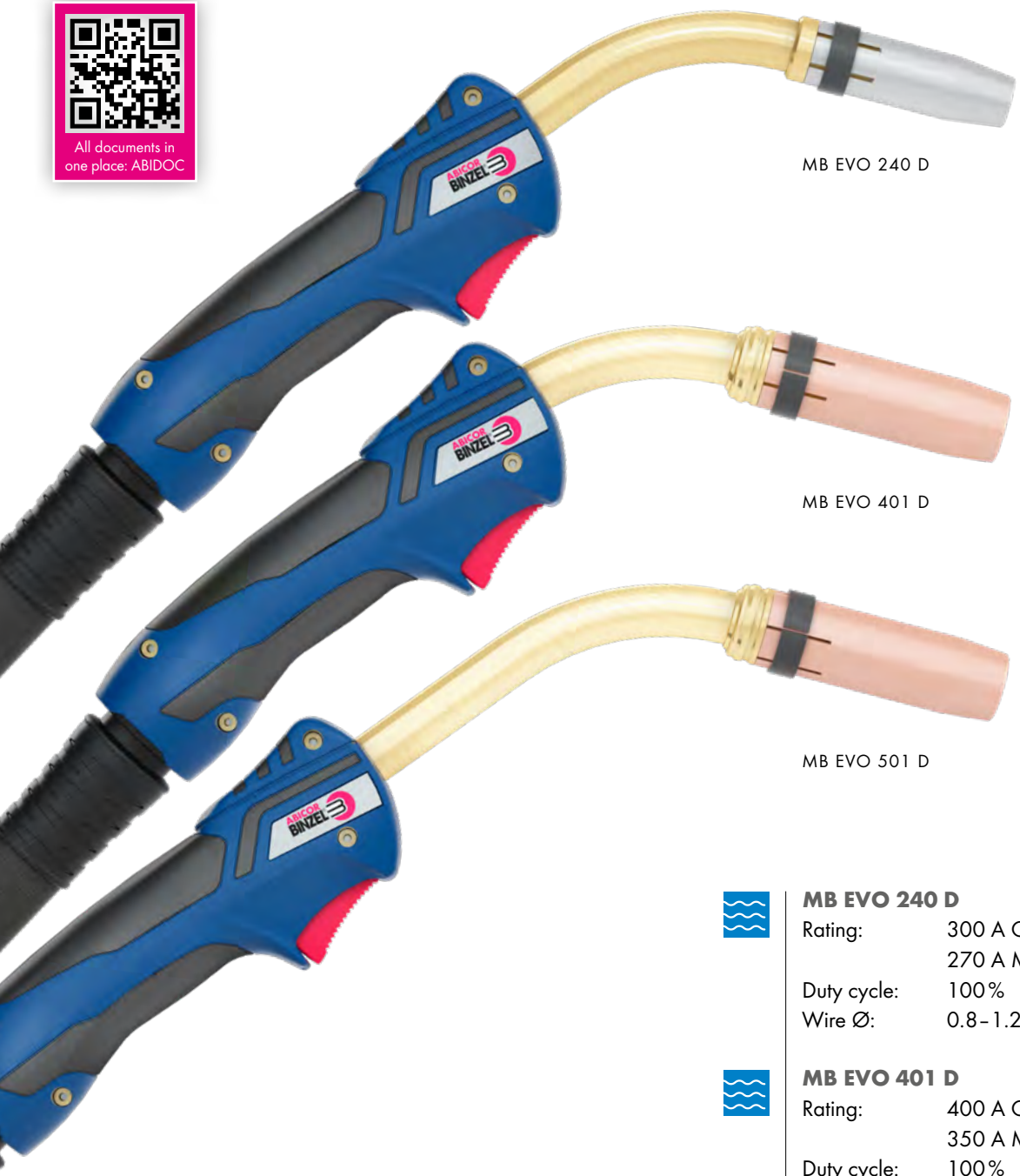
Type	Cooling	CO_2	Mixed gas M21*	Duty cycle	Wire Ø
MB EVO 240 D	liquid cooled	300 A	270 A	100%	0.8–1.2 mm
MB EVO 401 D	liquid cooled	400 A	350 A	100%	0.8–1.2 mm
MB EVO 501 D	liquid cooled	500 A	450 A	100%	1.0–1.6 mm

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

MIG/MAG WELDING TORCHES **MB EVO**

MB EVO 240 D ▪ MB EVO 401 D ▪ MB EVO 501 D

All documents in one place: ABIDOC



MB EVO 240 D

MB EVO 401 D

MB EVO 501 D

MB EVO 240 D

Rating:	300 A CO_2
	270 A Mixed gas M21*
Duty cycle:	100 %
Wire Ø:	0.8 – 1.2 mm

MB EVO 401 D

Rating:	400 A CO_2
	350 A Mixed gas M21*
Duty cycle:	100 %
Wire Ø:	0.8 – 1.2 mm

MB EVO 501 D

Rating:	500 A CO_2
	450 A Mixed gas M21*
Duty cycle:	100 %
Wire Ø:	1.0 – 1.6 mm

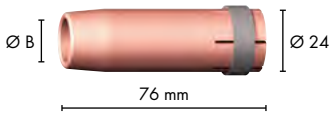
270 – 500 A

Note for liquid cooled torches:
To protect cable assembly components from excessive heat build up we recommend a post welding cooling cycle of at least 4 minutes.

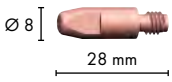
Torch complete		**Part-No.**			**Torch neck**	
Type	Cooling	3 m	4 m	5 m	Type	Part-No.
MB EVO 240 D	liquid cooled	023.0322.1	023.0323.1	023.0324.1	50°	023.0316.1
MB EVO 401 D	liquid cooled	033.0387.1	033.0388.1	033.0389.1	50°	033.0378.1
MB EVO 501 D	liquid cooled	034.0865.1	034.0866.1	034.0867.1	50°	034.0856.1

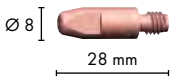
Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

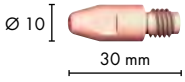
Wear parts **MB EVO 240 D** **MB EVO 401 D/501 D**



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

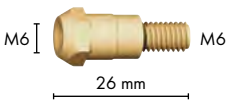


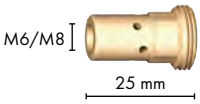


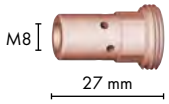


Contact tip (10 pcs.)		M6	M6	M8
E-Cu	Ø 0.8	140.0051	140.0051	140.0114
	Ø 1.0	140.0242*	140.0242	140.0313
	Ø 1.2	140.0379	140.0379	140.0442**
	Ø 1.6	–	140.0555	140.0587
CuCrZr	Ø 0.8	140.0054	140.0054	140.0117
	Ø 1.0	140.0245	140.0245	140.0316
	Ø 1.2	140.0382	140.0382	140.0445
	Ø 1.6	–	140.0558	140.0590

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







Contact tip holder (10 pcs.)			
M6	142.0003*	142.0008	–
M8	–	142.0022**	142.0201.10

Gas diffusor (10 pcs.)		
Standard	012.0432.10*	030.0265.10**
Long life	–	030.0255.10
Ceramic	–	030.0190

Liner	Ø	for 3 m	for 4 m	for 5 m
Insulated liner	Ø 0.8	124.0137	124.0138	124.0139
	Ø 1.0	124.0111*	124.0112*	124.0113*
	Ø 1.2	124.0111**	124.0112**	124.0113**
	Ø 1.6	124.0114	124.0115	124.0116

For more liner see chapter “Accessories & special equipment”

Standard equipment

*Included in the standard equipment for complete torches MB EVO 240 D

**Included in the standard equipment for complete torches MB EVO 401 D /501 D