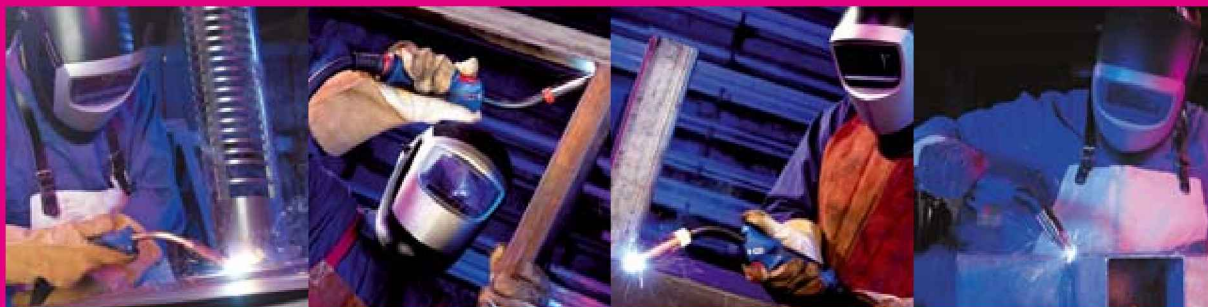


MIG/MAG



Product Catalogue 2.0 / V2



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MIG/MAG Welding Torches "MB GRIP" air cooled

Rating 150 A up to 230 A

The MIG/MAG-Torch series "MB GRIP" in air and liquid cooled variants is the finest solution of its kind. It combines progressive technology and quality with optimum ergonomics, enabling trouble-free operation for every application.

"GRIP" and ball joint on the handle guarantee high gripping security as well as optimal handling. All torches are thoroughly designed to provide comfortable and precise operation.

- Ergonomic short handle with "GRIP" – for best accessibility
- "GRIP", soft components on the handle and thumb rest – positive handling even in extrem circumstances
- Ball joint with optimal turning radius – perfect handling
- Optimum cooling of the torch – extending torch life
- BIKOX® R air cooled torches – high flexibility even at low temperatures, extremely UV-resistant, considerably increased temperature stability and tensile strength
- Time-saving torch change-over due to the ABICOR BINZEL central connector



MB GRIP 15 AK

Technical data (EN 60 974-7):

Rating:	180 A CO ₂ 150 A Mixed Gases M21 (DIN EN 439)
Duty cycle:	60%
Wire size:	0.6–1.0 mm

MB GRIP 25 AK

Technical data (EN 60 974-7):

Rating:	230 A CO ₂ 200 A Mixed Gases M21 (DIN EN 439)
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 GRIP 15 AK	GRIP	002.0604	002.0605	002.0606	50°	002.0009
MB GRIP 25 AK	GRIP	004.0510	004.0511	004.0512	50°	004.0012

*All torches are equipped including central adapter with spring pins.

MB GRIP 15, MB GRIP 25

Wear parts

MB GRIP 15 AK

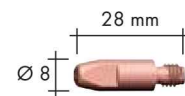
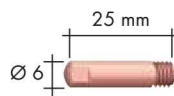


MB GRIP 25 AK



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
Conical	Ø 9.5	145.0123	Ø 11.5	145.0124



Contact tip (10 pcs.)

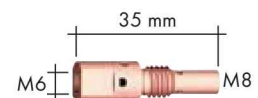
		M6	M6
E-Cu	Ø 0.6	140.0008	-
	Ø 0.8	140.0059	140.0051
	Ø 1.0	140.0253	140.0242
	Ø 1.2	-	140.0379
E-Cu for Al	Ø 0.8	141.0002	141.0001
	Ø 1.0	141.0007	141.0006
	Ø 1.2	-	141.0010
CuCrZr	Ø 0.6	140.0855	-
	Ø 0.8	140.0062	140.0054
	Ø 1.0	140.0256	140.0245
	Ø 1.2	-	140.0382

Nozzle spring (20 pcs.)



	002.0058	003.0013
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Gas nozzle holder / Contact tip holder



M6	002.0078	142.0001 (10 pcs.)
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Liner		for 3 m			for 4 m			for 5 m					
		Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2
Insulated liner	Ø 0.6	124.0011	124.0011	124.0012	124.0012	124.0015	124.0015	124.0015	124.0015	124.0015	124.0015	124.0015	124.0015
	Ø 0.8	124.0011	124.0011	124.0012	124.0012	124.0015	124.0015	124.0015	124.0015	124.0015	124.0015	124.0015	124.0015
	Ø 1.0	124.0026	124.0026	124.0031	124.0031	124.0035	124.0035	124.0035	124.0035	124.0035	124.0035	124.0035	124.0035
	Ø 1.2	124.0026	124.0026	124.0031	124.0031	124.0035	124.0035	124.0035	124.0035	124.0035	124.0035	124.0035	124.0035
PTFE liner	Ø 0.6	126.0005	126.0005	126.0008	126.0008	126.0011	126.0011	126.0011	126.0011	126.0011	126.0011	126.0011	126.0011
	Ø 0.8	126.0005	126.0005	126.0008	126.0008	126.0011	126.0011	126.0011	126.0011	126.0011	126.0011	126.0011	126.0011
	Ø 1.0	126.0021	126.0021	126.0026	126.0026	126.0028	126.0028	126.0028	126.0028	126.0028	126.0028	126.0028	126.0028
	Ø 1.2	126.0021	126.0021	126.0026	126.0026	126.0028	126.0028	126.0028	126.0028	126.0028	126.0028	126.0028	126.0028
Carbon PTFE liner	Ø 0.6	127.0002	127.0002	127.0003	127.0003	127.0004	127.0004	127.0004	127.0004	127.0004	127.0004	127.0004	127.0004
	Ø 0.8	127.0002	127.0002	127.0003	127.0003	127.0004	127.0004	127.0004	127.0004	127.0004	127.0004	127.0004	127.0004
	Ø 1.0	127.0005	127.0005	127.0007	127.0007	127.0008	127.0008	127.0008	127.0008	127.0008	127.0008	127.0008	127.0008
	Ø 1.2	127.0005	127.0005	127.0007	127.0007	127.0008	127.0008	127.0008	127.0008	127.0008	127.0008	127.0008	127.0008



MIG/MAG Welding Torches "MB GRIP" air cooled

Rating 220 A up to 320 A

- Ergonomic short handle with "GRIP" – for best accessibility
- "GRIP", soft components on the handle and thumb rest – positive handling even in extrem circumstances
- Ball joint with optimal turning radius – perfect handling
- Optimum cooling of the torch – extending torch life
- BIKOX® R air cooled torches – high flexibility even at low temperatures, extremely UV-resistant, considerably increased temperature stability and tensile strength
- Time-saving torch change-over due to the ABICOR BINZEL central connector



MB GRIP 24 KD

Technical data (EN 60 974-7):

Rating: 250 A CO₂
 220 A Mixed Gases
 M21 (DIN EN 439)

Duty cycle: 60%

Wire size: 0.8-1.2 mm

MB GRIP 26 KD

Technical data (EN 60 974-7):

Rating: 270 A CO₂
 240 A Mixed Gases
 M21 (DIN EN 439)

Duty cycle: 60%

Wire size: 0.8-1.2 mm

MB GRIP 36 KD

Technical data (EN 60 974-7):

Rating: 320 A CO₂
 290 A Mixed Gases
 M21 (DIN EN 439)

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 GRIP 24 KD	GRIP	012.0251	012.0252	012.0253	50°	012.0001
MB GRIP 26 KD	GRIP	018.0146	018.0147	018.0148	50°	018.0001
MB GRIP 36 KD	GRIP	014.0334	014.0335	014.0336	50°	014.0006

*All torches are equipped including central adapter with spring pins.

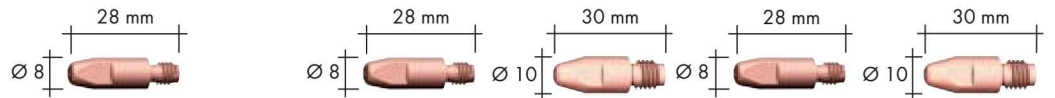
MB GRIP 24, MB GRIP 26, MB GRIP 36

Wear parts



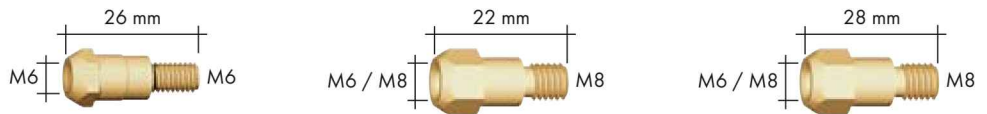
Gas nozzle (10 pcs.)

	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	Ø 16	145.0085	Ø 16	145.0078
Conical	Ø 10	145.0128	Ø 14	145.0132	Ø 12	145.0126



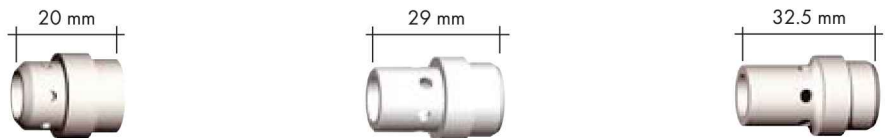
Contact tip (10 pcs.)

		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	140.0245	140.0316	140.0245	140.0316
	Ø 1.2	140.0382	140.0382	140.0445	140.0382	140.0445



Contact tip holder (10 pcs.)

M6	142.0003	142.0007	142.0005
M8	-	142.0082	142.0020



Gas diffuser (10 pcs.)

Standard	012.0183	018.0116	014.0261
Long life	-	-	014.0026
Ceramic	-	018.0141	014.0023

Liner		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
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 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

MIG/MAG Welding Torches "MB GRIP" liquid cooled

Rating 270 A up to 550 A

- Ergonomic short handle with "GRIP" – for best accessibility
- "GRIP", soft components on the handle and thumb rest – positive handling even in extrem circumstances
- Ball joint with optimal turning radius – perfect handling
- Optimum cooling of the torch – extending torch life
- Time-saving torch change-over due to the ABICOR BINZEL central connector
- Ergonomically and technically mature and 100% reliable



MB GRIP 240 D*

Technical data (EN 60 974-7):

Rating: 300 A CO₂
270 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 100%

Wire size: 0.8–1.2 mm

MB GRIP 401 D* / MB GRIP 401*

Technical data (EN 60 974-7):

Rating: 400 A / 450 A CO₂
350 A / 400 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 100%

Wire size: 0.8–1.2 mm

MB GRIP 501 D* / MB GRIP 501*

Technical data (EN 60 974-7):

Rating: 500 A / 550 A CO₂
450 A / 500 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 100%

Wire size: 1.0–1.6 mm

* Note:

To protect cable assembly components from excessive heat build up we recommend a post welding cooling cycle of at least four minutes.

Torch complete** Type	Handle	Part-No.			Swan neck	
		3 m	4 m	5 m	Type	Part-No.
MB GRIP 240 D	GRIP	023.0225	023.0226	023.0227	50°	023.0228
MB GRIP 401 D	GRIP	033.0271	033.0272	033.0273	50°	033.0277
MB GRIP 401	GRIP	030.0205	030.0206	030.0207	50°	030.0208
MB GRIP 501 D	GRIP	034.0492	034.0493	034.0494	50°	034.0496
MB GRIP 501	GRIP	032.0231	032.0232	032.0233	50°	032.0234

**All torches are equipped including central adapter with spring pins.

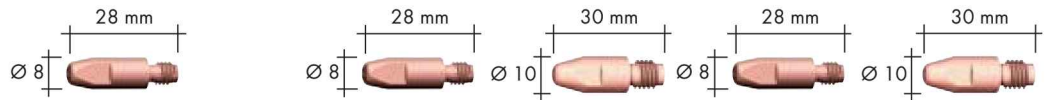
MB GRIP 240, MB GRIP 401 / 501

Wear parts



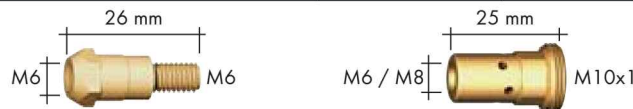
Gas nozzle (10 pcs.)

	Ø A		Ø B		Ø C	
Cylindrical	Ø 17	145.0047	Ø 20	145.0051	Ø 20	145.0051
Conical	Ø 12.5	145.0080	Ø 16	145.0085	Ø 16	145.0085
Conical	Ø 10	145.0128	Ø 14	145.0132	Ø 14	145.0132



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
	Ø 1.6	-	140.0555	140.0587	140.0555	140.0587
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
	Ø 1.6	-	141.0020	141.0022	141.0020	141.0022
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
	Ø 1.6	-	140.0558	140.0590	140.0558	140.0590



Contact tip holder (10 pcs.)

M6	142.0003	142.0008	-
M8	-	142.0022	-



Gas diffuser (10 pcs.)

Standard	012.0183	030.0145	030.0145
Long life	-	030.0037	030.0037
Ceramic	-	030.0190	030.0190

Liner		for 3 m			for 4 m			for 5 m			
		Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.6	Ø 0.8	Ø 1.0	Ø 1.2	Ø 1.6	Ø 0.8	Ø 1.0
Liner	Ø 0.8	122.0005	122.0007	122.0007	122.0009						
	Ø 1.0	122.0031	122.0036	122.0036	122.0039						
	Ø 1.2	122.0031	122.0036	122.0036	122.0039						
	Ø 1.6	122.0056	122.0060	122.0060	122.0063						
PTFE liner	Ø 0.8	126.0005	126.0008	126.0008	126.0011						
	Ø 1.0	126.0021	126.0026	126.0026	126.0028						
	Ø 1.2	126.0021	126.0026	126.0026	126.0028						
	Ø 1.6	126.0039	126.0042	126.0042	126.0045						
Carbon PTFE liner	Ø 0.8	127.0002	127.0003	127.0003	127.0004						
	Ø 1.0	127.0005	127.0007	127.0007	127.0004						
	Ø 1.2	127.0005	127.0007	127.0007	127.0008						
	Ø 1.6	127.0010	127.0012	127.0012	127.0013						

MIG/MAG Welding Torches "MB" air and liquid cooled

Rating 150 A up to 550 A

The MIG/MAG torch series "MB" is available in air and liquid cooled variants and combines progressive technology and quality, enabling trouble-free operation for every application. All torches are thoroughly designed to provide comfortable and precise operation.

- Worldwide recognized top quality
- Ergonomically and technically mature and 100% reliable
- Optimum cooling of the torch, extending torch life
- Time-saving torch change-over due to the ABICOR BINZEL central adapter system



Technical data (EN 60 974-7):

MIG/MAG-Welding Torch "MB" (air cooled)

Type	Rating (A)		Duty cycle (%)	Wire size (mm)
	CO ₂	Mixed Gases M21		
MB 15 AK / MB 15 AK-FX	180	150	60	0.6-1.0
MB 24 KD	250	220	35	0.8-1.2
MB 25 AK / MB 25 AK-FX	230	200	60	0.8-1.2
MB 26 KD	230	200	35	0.8-1.2
MB 36 KD	300	270	60	0.8-1.2

MIG/MAG-Welding Torch "MB" (liquid cooled)

Type	Rating (A)		Duty cycle (%)	Wire size (mm)
	CO ₂	Mixed Gases M21		
MB 240 D	300	270	100	0.8-1.2
MB 401 D	400	350	100	0.8-1.2
MB 401	450	400	100	0.8-1.2
MB 501 D	500	450	100	1.0-1.6
MB 501	550	500	100	1.0-1.6

Subjects to change without notice.