

MIG/MAG Welding Torches "ABIMIG® GRIP A"

air cooled • Rating 170 A up to 270 A

MIG/MAG Welding Torches ABIMIG® GRIP A air cooled with the innovative 2 component handle system "GRIP", combine ergonomics and feel with all common module variations (for switch and control functions) as well as "switch on top" solutions. "GRIP" insert and ball joint in the handle guarantee secure grip and optimal handling.

The torches of the ABIMIG® GRIP A series utilize the new developed Low Weight Bikox®, which gives perfect balance to the torches for effortless welding in all positions.

All torches are carefully designed to provide comfortable and precise operation.

- Low Weight Bikox® - up to 50% weight saving
- Ergonomic short handle with "GRIP" soft components on the handle, thumb rest and ball joint - guarantees optimal handling in all positions
- Screw-on gas nozzle with thermoprotective insulation - extending torch life
- Function integrated tip holder (gas diffusor, gas nozzle holder and contact tip holder in one piece) - reduces stock requirements
- Laminar gas feed - excellent gas coverage for best welding results
- Changeable gas nozzle seat - "extends" operating cycle of the torch neck and reduces maintenance costs
- Electrically insulated liner and connection nut (on the central adaptor) - enables exact setting of the arc parameters and therefore repeatability of welding results



ABIMIG® GRIP A 155 LW

Technical data (EN 60 974-7):

Rating: 240 A / 190 A CO₂
220 A / 170 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 35% / 60%

Wire size: 0.6-1.0 mm

ABIMIG® GRIP A 255 LW

Technical data (EN 60 974-7):

Rating: 270 A / 240 A CO₂
240 A / 210 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 35% / 60%

Wire size: 0.8-1.2 mm

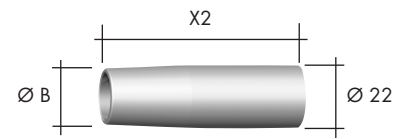
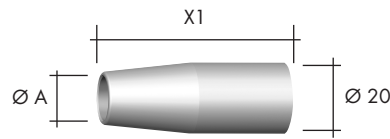
Torch complete Type	Handle	Part-No.			Swan neck	
		3 m	4 m	5 m	Type	Part-No.
ABIMIG® GRIP A 155 LW	Type MB	767.D600.1	767.D601.1	767.D602.1	45°	767.D603.1
ABIMIG® GRIP A 255 LW	Type MB	767.D630.1	767.D631.1	767.D632.1	45°	767.D633.1

ABIMIG® GRIP A 155, ABIMIG® GRIP A 255

Wear parts

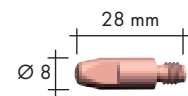
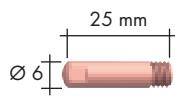
ABIMIG® GRIP A 155

ABIMIG® GRIP A 255



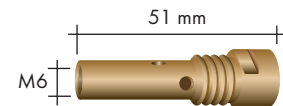
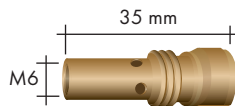
Gas nozzle (5 pcs.)

	Ø A	X1		Ø B	X2	
Cylindrical	Ø 17	52 mm	145.D003	Ø 18	69 mm	145.D014
Conical	Ø 12	52 mm	145.D001	Ø 16	70 mm	145.D011
Conical	Ø 12	54 mm	145.D004	Ø 14	67 mm	145.D012



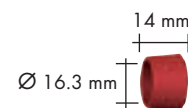
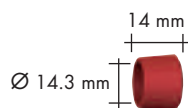
Contact tip (10 pcs.)

		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



Contact tip holder (5 pcs.)

	006.D719.5	004.D624.5
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Adapter piece (5 pcs.)

	767.D607.5	767.D637.5
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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						
Liner	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	124.0011	124.0011	124.0026	124.0026	124.0012	124.0012	124.0031	124.0031	124.0015	124.0015	124.0035	124.0035		
	PTFE liner	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	126.0005	126.0005	126.0021	126.0021	126.0008	126.0008	126.0026	126.0026	126.0011	126.0011	126.0028	126.0028	
		Carbon PTFE liner	Ø 0.6	Ø 0.8	Ø 1.0	Ø 1.2	127.0002	127.0002	127.0005	127.0005	127.0003	127.0003	127.0007	127.0007	127.0004	127.0004	127.0008	127.0008