

MIG/MAG welding torches "ABIMIG® A LW"

Air cooled • rating 170 A up to 230 A

ABIMIG® A LW torches are optimal whenever the best possible welding results are to be achieved with a torch neck geometry. Thanks to the slim straight handles, the torches fit comfortably in the hand and allow different postural positions and flexibility in torch neck alignment. ABIMIG® A LW torches are very hard-wearing and, thanks to the double fixation of the torch neck, are particularly well protected against mechanical deformation.

ABIMIG® A LW torches are fitted with weight-optimised LW cable assemblies and are particularly light.

- Double torch neck fixation – durable construction
- Lightweight "Bikox® LW" cable assembly – reduction of the torch weight of up to 50 %
- Universal contact tip holder (contact tip holder, gas diffuser and gas nozzle holder all in one) – reduction of the number of spare parts and thus the costs
- Screwable, thermally insulated gas nozzle – longer service life of the torch and cost reduction
- Extended and short triggers available – for best handling



ABIMIG® A 155 LW

Technical data (EN 60 974-7):

Rating: 170 A CO₂
170 A mixed gas M21
(DIN EN ISO 14175)

Duty cycle: 60%

Wire size: 0.8–1.0 mm

ABIMIG® A 255 LW

Technical data (EN 60 974-7):

Rating: 230 A CO₂
220 A mixed gas M21
(DIN EN ISO 14175)

Duty cycle: 60%

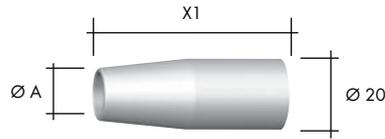
Wire size: 0.8–1.2 mm

Torch complete Type	Handle	Part-No.			Swan neck	
		3 m	4 m	5 m	Type	Part-No.
ABIMIG® A 155 LW	Push-button short	767.0030.1	767.0031.1	767.0032.1	45°	767.0024.1
ABIMIG® A 155 LW	Push-button long	767.0062.1	767.0063.1	767.0064.1	45°	767.0024.1
ABIMIG® A 255 LW	Push-button short	767.0033.1	767.0034.1	767.0035.1	45°	767.0027.1
ABIMIG® A 255 LW	Push-button long	767.0065.1	767.0066.1	767.0067.1	45°	767.0027.1

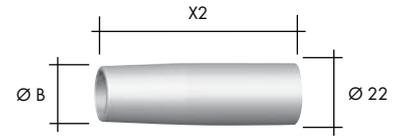
ABIMIG® A 155 LW, ABIMIG® A 255 LW

Wear parts

ABIMIG® A 155 LW

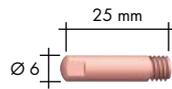


ABIMIG® A 255 LW

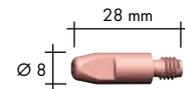


Gas nozzle (5 pcs.)

	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 ¹	Ø 16	70 mm	145.D011 ²
Conical	Ø 12	54 mm	145.D004	Ø 14	67 mm	145.D012



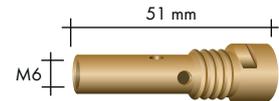
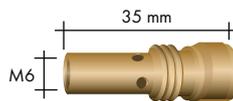
M6



M6

Contact tip (10 pcs.)

E-Cu	Ø 0.8	140.0059 ¹	140.0051
	Ø 1.0	140.0253	140.0242 ²
	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 0.8	140.0062	140.0054
	Ø 1.0	140.0256	140.0245
	Ø 1.2	-	140.0382



Contact tip holder (5 pcs.)

	006.D719.5 ¹	004.D624.5 ²
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Adapter piece (5 pcs.)

767.D607.5¹

767.D637.5²

	Liner		for 3 m	for 4 m	for 5 m	
	Liner	Ø 0.8	124.0011 ¹	124.0012 ¹	124.0015 ¹	
		Ø 1.0	124.0026 ²	124.0031 ²	124.0035 ²	
		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	Ø 0.8	127.0002	127.0003	127.0004	
		PTFE liner	Ø 1.0	127.0005	127.0007	127.0008
			Ø 1.2	127.0005	127.0007	127.0008

¹ Included in the standard equipment for complete torches ABIMIG® A 155 LW.

² Included in the standard equipment for complete torches ABIMIG® A 255 LW.