

MIG/MAG Welding Torches "ABIMIG® GRIP A"

air cooled • Rating 240 A up to 430 A

- 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 diffuser, 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

Additionally for ABIMIG® GRIP A 405 LW:

- BIKOX® with large flow cross-section - guarantees gas coverage
- Specially designed steel liner - guarantees optimal and constant wire feeding



ABIMIG® GRIP A 305 LW

Technical data (EN 60 974-7):

Rating: 315 A / 270 A CO₂
300 A / 240 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 35% / 60%

Wire size: 0.8-1.2 mm

ABIMIG® GRIP A 355 LW

Technical data (EN 60 974-7):

Rating: 350 A / 300 A CO₂
320 A / 270 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 35% / 60%

Wire size: 1.0-1.6 mm

ABIMIG® GRIP A 405 LW

Technical data (EN 60 974-7):

Rating: 430 A / 370 A CO₂
350 A / 300 A Mixed Gases
M21 (DIN EN 439)

Duty cycle: 35% / 60%

Wire size: 1.0-1.6 mm

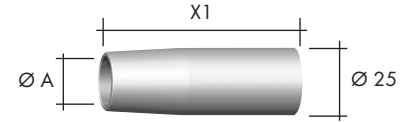
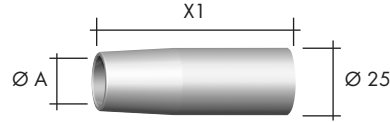
Torch complete Type	Handle	Part-No.			Swan neck	
		3 m	4 m	5 m	Type	Part-No.
ABIMIG® GRIP A 305 LW	Type MB	767.D660.1	767.D661.1	767.D662.1	45°	767.D663.1
ABIMIG® GRIP A 355 LW	Type MB	767.D690.1	767.D691.1	767.D692.1	45°	767.D693.1
ABIMIG® GRIP A 405 LW	Type S	767.D720.1	767.D721.1	767.D722.1	45°	767.D723.1

ABIMIG® GRIP A 305, ABIMIG® GRIP A 355, ABIMIG® GRIP A 405

Swan neck

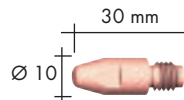
ABIMIG® GRIP A 305 ABIMIG® GRIP A 355

ABIMIG® GRIP A 405



Gas nozzle (5 pcs.)

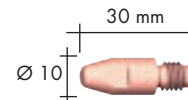
	Ø A	X1		Ø A	X1	
Cylindrical	Ø 21	72 mm	145.D024	Ø 21	72 mm	145.D024
Conical	Ø 18	72 mm	145.D021	Ø 18	72 mm	145.D021
Conical	Ø 16	69 mm	145.D022	Ø 16	69 mm	145.D022



M8

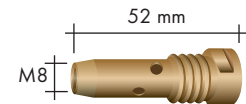
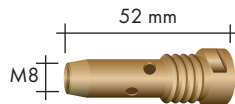
Contact tip (10 pcs.)

E-Cu	Ø 0.8	140.0114		-	
	Ø 1.0	140.0313		140.0313	
	Ø 1.2	140.0442		140.0442	
	Ø 1.6	140.0587		140.0587	
E-Cu for Al	Ø 0.8	141.0003		141.0003	
	Ø 1.0	141.0008		141.0008	
	Ø 1.2	141.0015		141.0015	
	Ø 1.6	141.0022		141.0022	
CuCrZr	Ø 0.8	140.0117		140.0117	
	Ø 1.0	140.0316		140.0316	
	Ø 1.2	140.0445		140.0445	
	Ø 1.6	140.0590		140.0590	

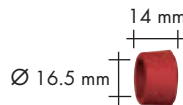


M8

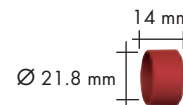
Contact tip holder (5 pcs.)



M8	014.D745.5	014.D745.5
----	------------	------------



Adapter piece (5 pcs.)



	767.D668.5	767.D729.5
--	------------	------------

Liner	Ø	305 / 355	405	305 / 355	405	305 / 355	405
		for 3 m	for 3 m	for 4 m	for 4 m	for 5 m	for 5 m
Liner	Ø 0.8	124.0011	-	124.0012	-	124.0015	-
	Ø 1.0	124.0026	124.D113	124.0031	124.D114	124.0035	124.D115
	Ø 1.2	124.0026	124.D116	124.0031	124.D117	124.0035	124.D118
	Ø 1.6	124.0041	124.D119	124.0042	124.D120	124.0044	124.D121
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	-
	Ø 1.6	126.0039	-	126.0042	-	126.0045	-
Carbon PTFE 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	-
	Ø 1.6	127.0010	-	127.0012	-	127.0013	-

