

MIG/MAG Welding Torches "ABIMIG® GRIP W"

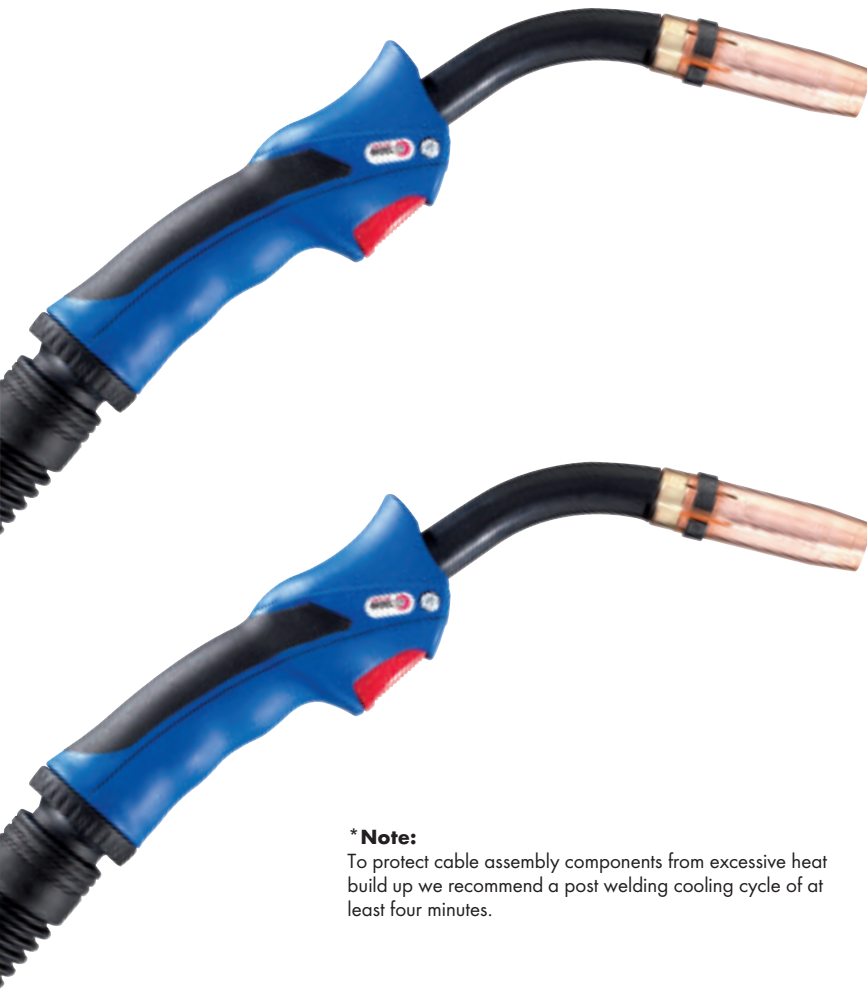
liquid cooled • Rating 400 A up to 575 A

MIG/MAG Welding Torches ABIMIG® GRIP W liquid 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 liquid cooled ABIMIG® GRIP W torches particularly excel in impulse welding due to an optimized dual-circuit cooling system that ensures "extra-cool" wear parts and therefore extended service life.

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

- Dual-circuit cooling system with increased cooling liquid flow and novel heat dissipation for optimal power and heat conduction – guarantees less spatter adhesion and therefore extremely extended service life of wear and spare parts
- Additional torch neck protection through a UV-, ozone- and temperature-resistant protective cover – for longer torch service life
- The newly developed torch neck and handle system ABIMIG® GRIP with ball joint guarantees optimal balance – even for welding tasks when access is difficult
- Except the tip holder, all spare and wear parts of the ABIMIG® GRIP W 555-series are compatible with the torch series MB 401/501 – reduced storage
- Mechanically highly resilient and robust tip holder (optionally soldered or changeable) – long service life



ABIMIG® GRIP W 555 D

Technical data (EN 60 974-7):

Rating:	550 A CO ₂
	500 A Mixed Gases
	400 A Pulse
	M21 (DIN EN 439)
Duty cycle:	100%
Wire size:	0.8–1.6 mm

ABIMIG® GRIP W 555

Technical data (EN 60 974-7):

Rating:	575 A CO ₂
	525 A Mixed Gases
	400 A Pulse
	M21 (DIN EN 439)
Duty cycle:	100%
Wire size:	0.8–1.6 mm

*** Note:**

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

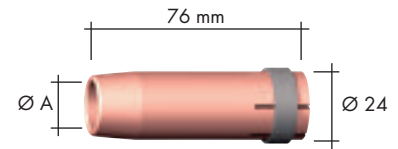
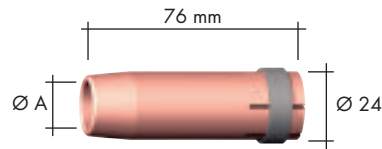
Torch complete Type	Handle	Part-No.			Swan neck	
		3 m	4 m	5 m	Type	Part-No.
ABIMIG® GRIP W 555 D	Type S	766.0526.1	766.0527.1	766.0528.1	50°	766.0532.1
ABIMIG® GRIP W 555	Type S	766.0529.1	766.0530.1	766.0531.1	50°	766.0533.1

ABIMIG® GRIP W 555 D, ABIMIG® GRIP W 555

Wear parts

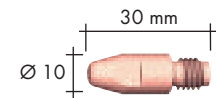
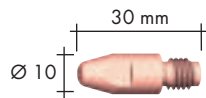
ABIMIG® GRIP W 555 D

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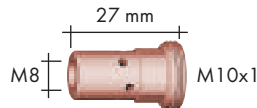
Gas nozzle (10 pcs.)

	Ø A		Ø A
Cylindrical	Ø 20	145.0051	Ø 20
Conical	Ø 16	145.0085	Ø 16
Conical	Ø 14	145.0132	Ø 14



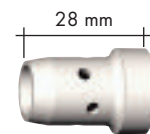
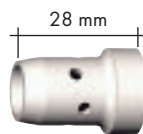
Contact tip (10 pcs.)

		M8	M8
E-Cu	Ø 0.8	140.0114	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



Contact tip holder

M8	142.0201.10	-
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Gas diffuser (5 pcs.)

Standard	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
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
	Ø 1.6	124.0041	124.0042	124.0042
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