MIG/MAG WELDING TORCHES **PUSH-PULL PLUS**

- ✓ **For aluminum welding and thin wires**
- ✓ **Also ideal for long cable assemblies**
- ✓ **Screwable and rotatable torch necks**

Sensitive drivers: When welding thin aluminum or stainless steel wires, sensitivity is required. This is where torches of the Push-Pull Plus series are right in their element. They feed wires particularly gently and evenly. Thus, they are ideally suited for welding with sensitive wires and long cable assemblies. The speed of the powerful pull motor can be precisely adjusted via an optional potentiometer. The screwable torch necks, which can be rotated 360 degrees, ensure good welding comfort and short set-up times.

Push-Pull Plus advantages

- High-torque pull motor ensures consistent wire feed
- Contact pressure regulation directly at the torch
- Economical stock-keeping thanks to MB wear parts
- Ergonomic handle for fatigue-free welding
- Versatile use with gas or liquid cooling

SOLO SU RICHIESTA

UP TO 400 A

Type	Cooling	CO_2	Mixed gas M21*	Duty cycle	Wire Ø
Push-Pull Plus 36 D	gas cooled	300 A	270 A	60 %	0.8 – 1.2 mm
Push-Pull Plus 401 D	liquid cooled	400 A	350 A	100 %	0.8 – 1.2 mm

Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175

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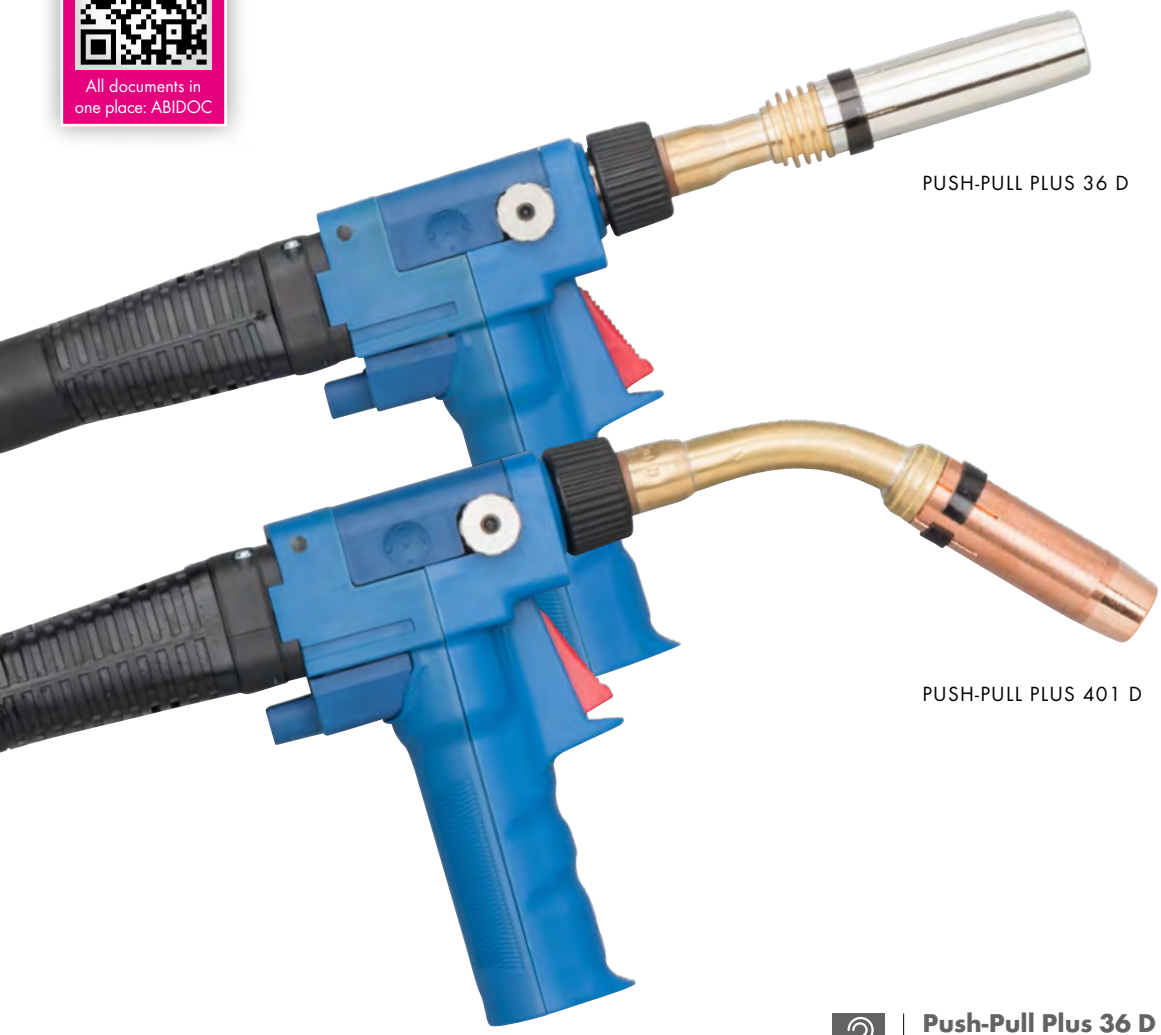
PUSH-PULL PLUS 36 D ▪ PUSH-PULL PLUS 401 D

All documents in one place: ABIDOC



PUSH-PULL PLUS 36 D

PUSH-PULL PLUS 401 D

Push-Pull Plus 36 D

Rating: 300 A CO_2
270 A Mixed gas M21*
Duty cycle: 60 %
Wire Ø: 0.8 – 1.2 mm

Push-Pull Plus 401 D

Rating: 400 A CO_2
350 A Mixed gas M21*
Duty cycle: 100 %
Wire Ø: 0.8 – 1.2 mm

270 – 400 A

Note for liquid cooled torches:
To protect cable assembly components from excessive heat build up we recommend a post welding cooling cycle of at least 4 minutes.

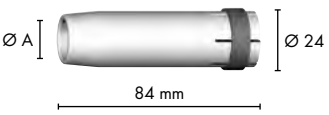
Torch complete		**Part-No.**		**Torch neck**
Type	Model	8 m without poti	8 m with poti**	Part-No.
Push-Pull Plus 36 D	straight – EURO	085.0104.1	085.0106.1	085.0116.1
Push-Pull Plus 36 D	45° bent – EURO	085.0105.1	085.0107.1	085.0117.1
Push-Pull Plus 401 D	straight – EURO	095.0100.1	095.0114.1	095.0002
Push-Pull Plus 401 D	45° bent – EURO	095.0101.1	095.0115.1	095.0015

Wire feeding roll	Ø 0.8 mm	Ø 1.0 mm	Ø 1.2 mm
ST/AL	095.0064.1	095.0065.1	095.0066.1

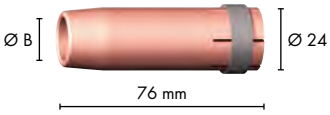
Technical data according to EN 60 974-7 ▪ *DIN EN ISO 14175 ▪ **Poti 10 kΩ

Wear parts

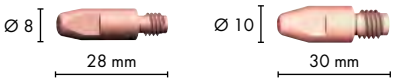
Push-Pull Plus 36 D



Push-Pull Plus 401 D



Gas nozzle (10 pcs.)	Ø A		Ø B	
Cylindrical	Ø 19	145.0045	Ø 20	145.0051
Conical	Ø 16	145.0078*	Ø 16	145.0085**
Tapered	Ø 12	145.0126	Ø 14	145.0132



Contact tip (10 pcs.)		M6	M8	M6	M8
E-Cu	Ø 0.8	140.0051	140.0114	140.0051	140.0114
	Ø 1.0	140.0242	140.0313	140.0242	140.0313
	Ø 1.2	140.0379	140.0442*	140.0379	140.0442**
E-Cu for Al	Ø 0.8	141.0001	141.0003	141.0001	141.0003
	Ø 1.0	141.0006	141.0008	141.0006	141.0008
	Ø 1.2	141.0010	141.0015	141.0010	141.0015
CuCrZr	Ø 0.8	140.0054	140.0117	140.0054	140.0117
	Ø 1.0	140.0245	140.0316	140.0245	140.0316
	Ø 1.2	140.0382	140.0445	140.0382	140.0445

Contact tip holder (10 pcs.)		
M6	142.0005	142.0008
M8	142.0020*	142.0022**

Gas diffusor (10 pcs.)		
Standard	014.0748.10*	030.0265.10**
Long life	014.0026	030.0255.10
Ceramic	014.0023	030.0190

Liner		
Neck liner 0.8–1.0 mm***	149.0260.3	149.0264.3
Neck liner 1.2 mm***	149.0261.3*	149.0265.3**
Neck liner 0.8–1.0 mm****	149.0262.3	149.0266.3
Neck liner 1.2 mm****	149.0263.3*	149.0267.3**
Liner blank 0.8 mm	122.0010	122.0010
Liner blank 1.0–1.2 mm	122.0040	122.0040
Liner insulated 0.8 mm	124.0169	124.0169
PTFE liner 0.8 mm	126.0013	126.0013
PTFE liner 1.0–1.2 mm	126.0030	126.0030
Carbon PTFE liner 0.8 mm	127.0015	127.0015
Carbon PTFE liner 1.0–1.2 mm	127.0009	127.0009
PA liner 1.0–1.2 mm	128.0019*	128.0019*

*Included in the standard equipment for complete torches Push-Pull Plus 36 D ▪ **Included in the standard equipment for complete torches Push-Pull Plus 401 D
***For straight torch necks (0°) ▪ ****For bent torch necks (45°)