



Top 2000 TBI 6G

Air cooled

Torch for high amperages

TBi-Flex rubber coaxial cable

Technical data

MIG / MAG (GMAW) Semi-automatic welding torch TBI 6G

Rating at 60% duty cycle
(10 min. cycle)

- Mixed gas: 350 A
- CO₂: 380 A

Cooling method Air cooling

Wire diameter 1.0 - 1.6 mm

Gas flow 15 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cable 2.10 kg

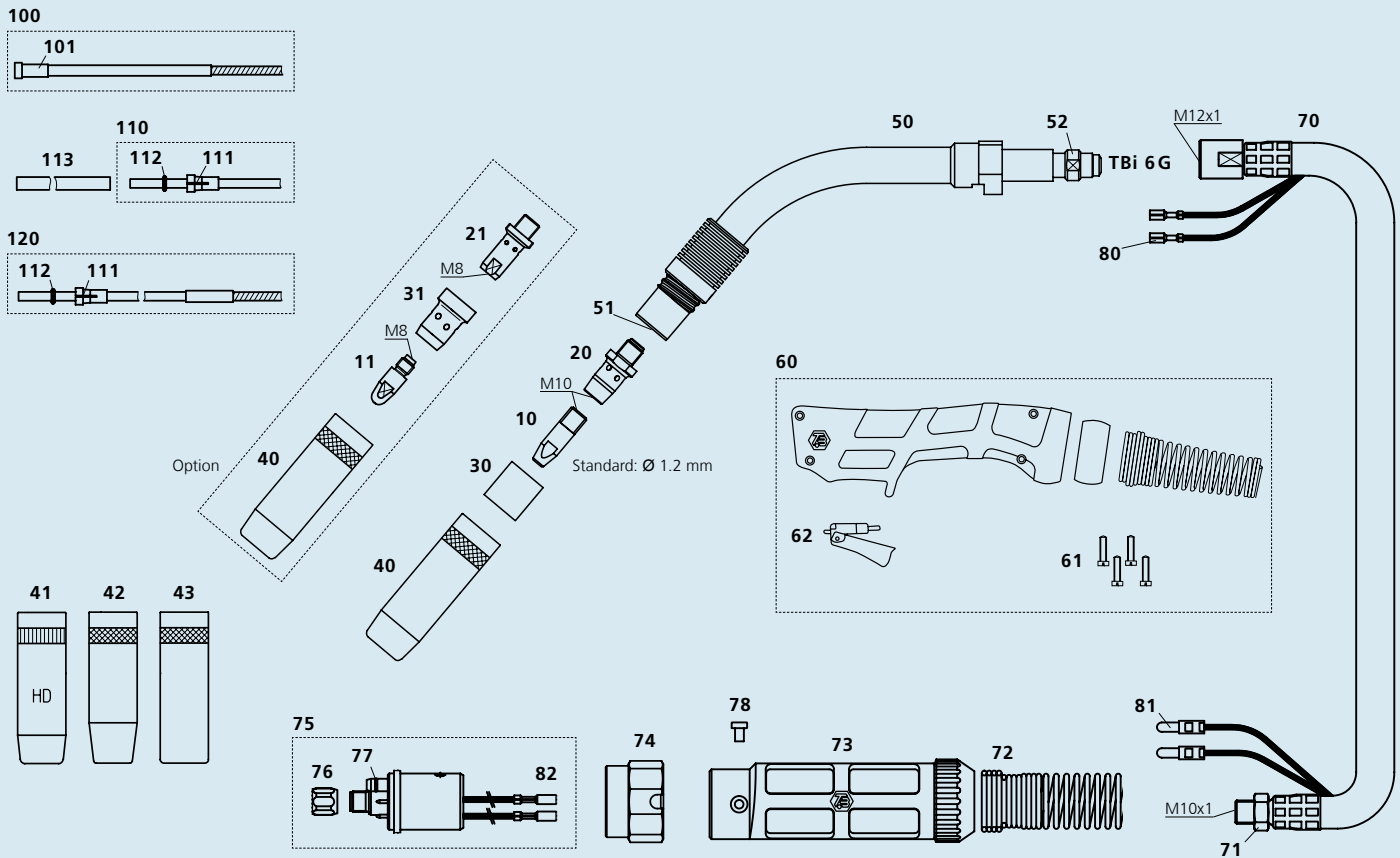
Connection Euro-Central connector
other connectors are available
upon request.

Torch rating will be reduced when using pulsed-arc power sources.
Special torch necks and custom lengths of the coaxial cable are
available upon request.

Ordering Information

TBI 6G ESG, 50° bent 165P3423_0*

* At the blank, please insert 3, 4 or 5 for a torch length of 3, 4 or 5m.



Pos. Description

Part. No.

Contact tips

▶ 10	Contact tip M10x33, ECU	340P_1402*
10	Contact tip M10x33, CuCrZr	343P_3402*
11	Contact tip M8x30, Ecu	340P_1262*
11	Contact tip M8x30, CuCrZr	340P_3262*
11	Contact tip M8x30 Alu, Ecu	341P_1262*

Tip holders

▶ 20	Tip holder M10 / L=35 mm	342P010065
21	Tip holder M8 / L=38 mm	342P008065

Gas diffusers / Nozzle insulators

▶ 30	Nozzle insulator	346P054860
31	Gas diffuser, white	130P002017
31	Gas diffuser, ceramic	130P002019
31	Gas diffuser, black	130P002026
31	Gas diffuser, brown	130P002031

Gas nozzles

▶ 40	Nozzle conical diam. 16 mm	345P022171
41	Nozzle conical diam. 16 mm HD	345P022271
42	Nozzle conical diam. 14 mm	345P023171
43	Nozzle cylindrical diam. 19 mm	345P021171

Spare parts

50	Torch neck TBi 6G, 50°	165P101020
51	Insulating washer	130P002003
52	Nut M12x1	165P102006
60	Handle blue, cpl. kit (TBi 6G)	380P220403
61	Cross recessed screw M3.5x14	100P008413

Pos. Description

Part. No.

62	Trigger, red, 2 poles	385P021016
70	TBi-Flex coaxial cable 50 sqmm (6G)	360P5081_0*
71	Hex nut M10x1	101P002005
72	Spring support small 16-50 sqmm	600P102099
73	Cable support cpl. (2 pieces)	701P001045
74	Adaptor nut	701P001013
75	Central adaptor ESG cpl., 2 poles, moveable pins	701P001048
76	Sleeve nut M10x1	701P002005
77	O-ring 4.0x1.0 mm (gas nipple)	365P100040
78	Slotted screw M4x6	100P008401
80	Cable lug, flat	375P000023
81	Insulated connector, male, round	375P000004
82	Insulated connector, female, round	375P000003

Wire guides

100	Liner w/ insulation red (x.40 m) for wire 1.0-1.2	324P2045_4*
▶ 100	Liner w/ insulation yellow (x.40 m) for wire 1.2-1.6	324P2545_4*
101	Collet for liners diam. 4.5 mm	330P025045
110	PTFE-liner red (x.50 m) for wire 1.0-1.2	326P2040_5*
110	PTFE-liner yellow (x.50 m) for wire 1.2-1.6	326P2747_5*
111	Collet for liners 2.0x4.0 mm	331P020040
111	Collet for liners 2.7x4.7 mm	331P027047
112	O-ring 3.50x1.50 mm (for liner)	365P150035
113	Support tube 5x4.4 mm, L=150 mm	329P544150
120	PA-Alu wire guide (x.50 m) for wire 1.0-1.2	328P2040_A*
120	PA-Alu wire guide (x.50 m) for wire 1.2-1.6	328P2347_A*

▶ = Standard equipment

* At the blank, please insert suitable information for torch length or wire diameter, e.g. 08 for 0.8 mm or 3 for 3 m.

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