



## Top 2000 TBI 6G

Aircooled

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: 400 A  
- CO<sub>2</sub>: 435 A

Cooling method Aircooling

Wire diameter 1.0 - 1.6 mm

Gas flow 15 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cabel 2.10 kg

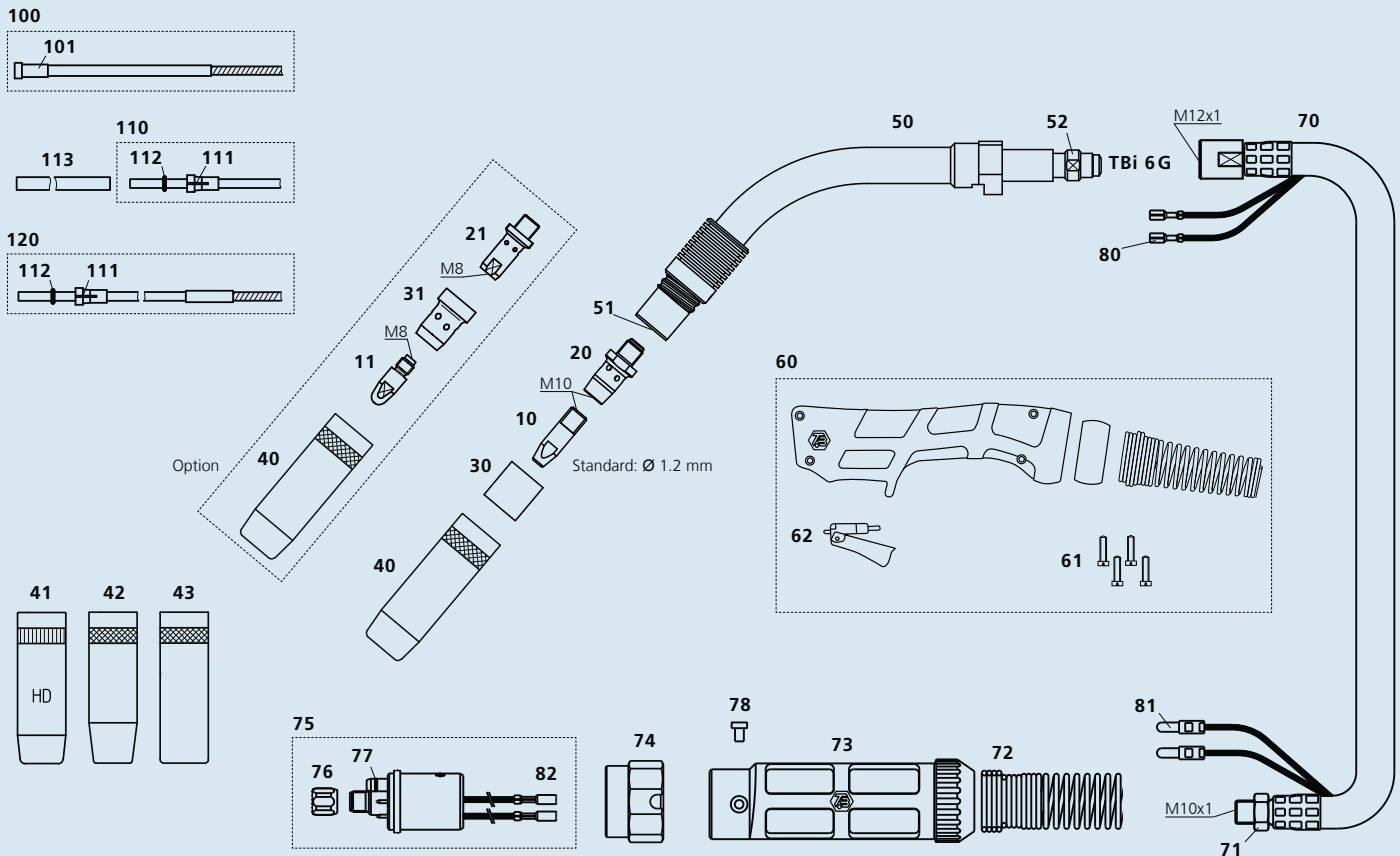
Connection Euro-Central connector  
Other connectors (e.g. Cloos®, ESAB®) available upon request.

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	<b>Contact tip M10x33, ECU</b>	<b>340P_1402*</b>
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	<b>Tip holder M10 / L=35 mm</b>	<b>342P010065</b>
21	Tip holder M8 / L=38 mm	342P008065

#### Gas diffusers / Nozzle insulators

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

#### Gas nozzles

▶ 40	Nozzle con. diam. 16.0 mm	345P022171
41	Nozzle con. diam. 16.0mm HD	345P022271
42	Nozzle con. diam. 14.0 mm	345P023171
43	Nozzle cyl. diam. 19.0 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	<b>Liner w/ insulation yellow (x.40 m) for wire 1.2-1.6</b>	<b>324P2545_4*</b>
101	Collet for liners dia. 4.5 mm	330P025045
110	Teflon liner red (x.50 m) for wire 1.0-1.2	326P2040_5*
110	Teflon liner yellow (x.50 m) for wire 1.2-1.6	326P2747_5*
111	Collet for teflon and PA liner 2.0x4.0 mm	331P020040
111	Collet for teflon and PA liner 2.7x4.7 mm	331P027047
112	O-ring 3.50x1.50 mm (teflon 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 mm.

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TBi Industries GmbH  
Ruhberg 14  
D-35463 Fernwald-Steinbach  
P.O. Box 67  
D-35461 Fernwald-Steinbach

Tel. + 49 6404 9171-0  
Fax. + 49 6404 9171-40  
Internet: [www.tbi-industries.com](http://www.tbi-industries.com)  
E-mail: [info@tbi-industries.com](mailto:info@tbi-industries.com)