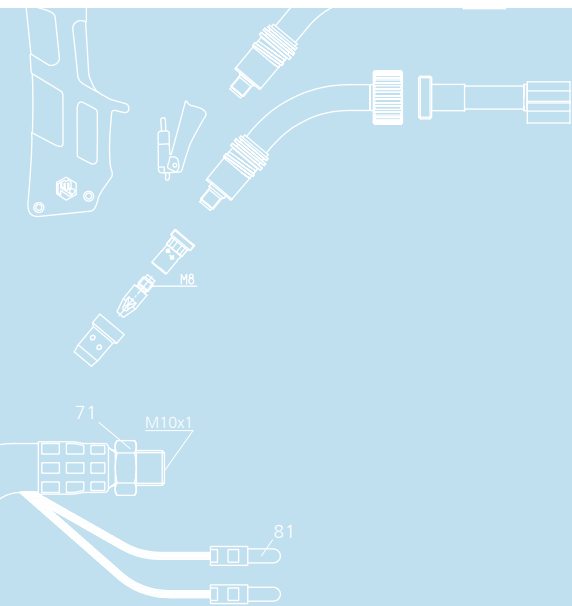




Top 2000 TBI 7G (S, L, DR)



Air cooled

DR: changeable swivel neck

TBi-Flex rubber coaxial cable

Technical data

MIG/MAG (GMAW) Semi-automatic welding torch TBI 7G-S / 7G-L / 7G DR

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

- Mixed gas: 240 A (7G-L: 310 A, 7G DR: 220 A)
- CO₂: 270 A (7G-L: 340 A, 7G DR: 250 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 2.30 kg (TBI 7G DR: 2.60 kg)

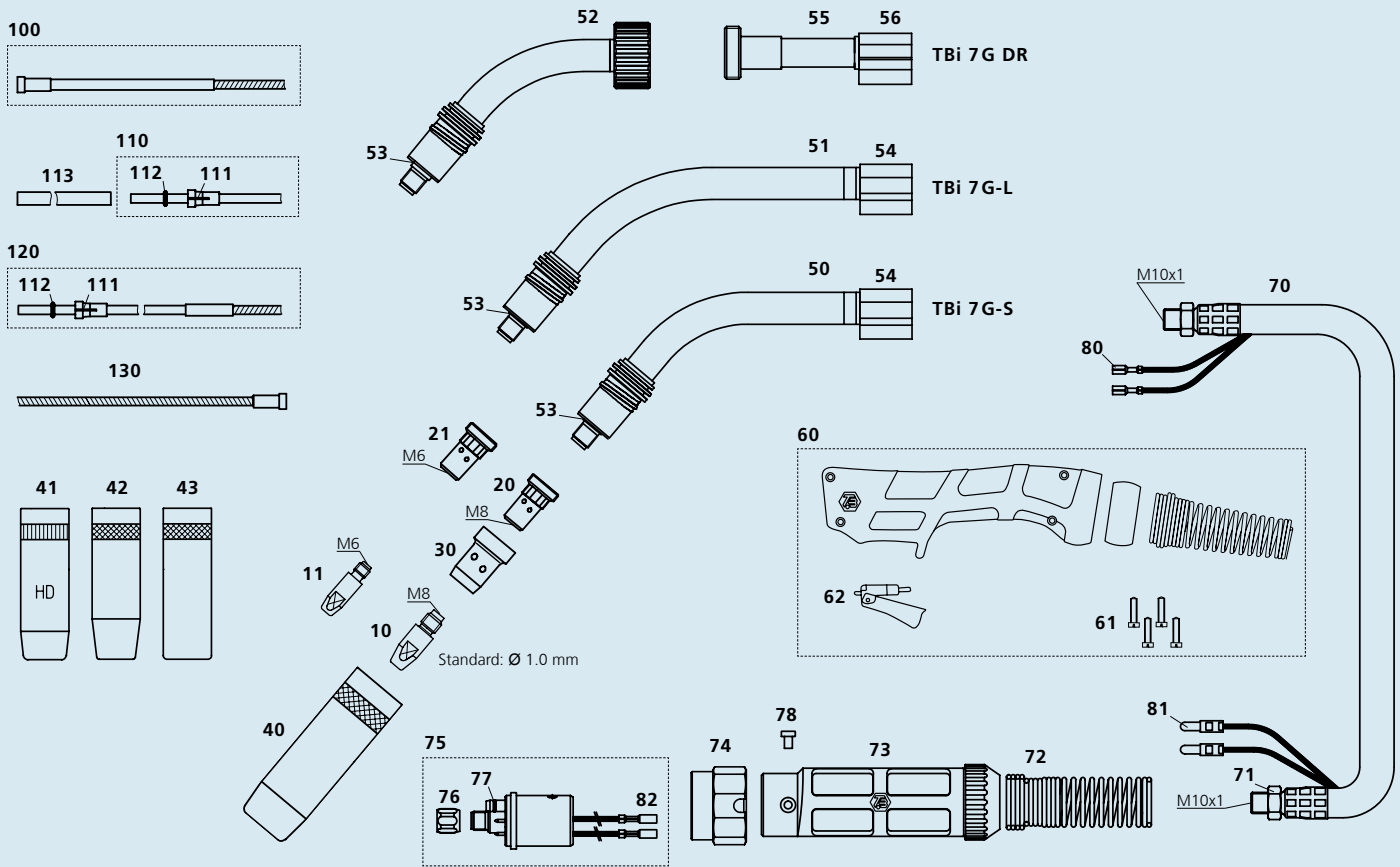
Connection Euro-Central connector
other connectors are available upon request.

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 7G-S	ESG, 50° bent	166P3423_0*
TBi 7G-L	ESG, 50° bent	166P4423_0*
TBi 7G DR	ESG, 45° bent	166P3423_D*

* 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 M8x30, Ecu	340P_1262*
10	Contact tip M8x30, CuCrZr	340P_3262*
10	Contact tip M8x30 Alu, Ecu	341P_1262*
11	Contact tip M6x28, Ecu	340P_1069*
11	Contact tip M6x28, CuCrZr	340P_3069*
11	Contact tip M6x28 Alu, Ecu	341P_1069*

Tip holders

▶ 20	Tip holder M8 / L=25 mm	342P008033
20	Tip holder CuCrZr M8 / L=25 mm	342P008171
20	Tip holder M8 / L=29 mm	342P008133
21	Tip holder M6 / L=25 mm	342P006033
21	Tip holder M6 / L=29 mm	342P006133

Gas diffusers

▶ 30	Gas diffuser, black	130P002026
30	Gas diffuser, ceramic	130P002019

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 7G-S, 50°	166P101140
51	Torch neck TBI 7G-L, 50°	166P101150
52	Torch neck TBI 7G DR, 45°	166P101130

Pos. Description

Part no.

53	Insulating washer	130P002004
54	PVC body	600P002018
55	Support for DR necks	600P101045
56	PVC body	600P002017
60	Handle blue, aircooled, cpl. kit	380P220400
61	Cross recessed screw M3.5x14	100P008413
62	Trigger, red, 2 poles	385P021016
70	TBI-Flex coaxial cable 35 sqmm (7G-S / 7G DR)	360P3511_0*
70	TBI-Flex coaxial cable 50 sqmm (7G-L)	360P5011_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*
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*
130	Liner for TBI DR Torch necks	322P204005

▶ = 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.

© 2012 TBI Industries GmbH. All rights reserved. Subject to change without notice. Warranty only when using original TBI consumables and spare parts. Excerpts and reprints not permitted.
Nr. DOKP112132, 07/2012.

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
E-mail: info@tbi-industries.com