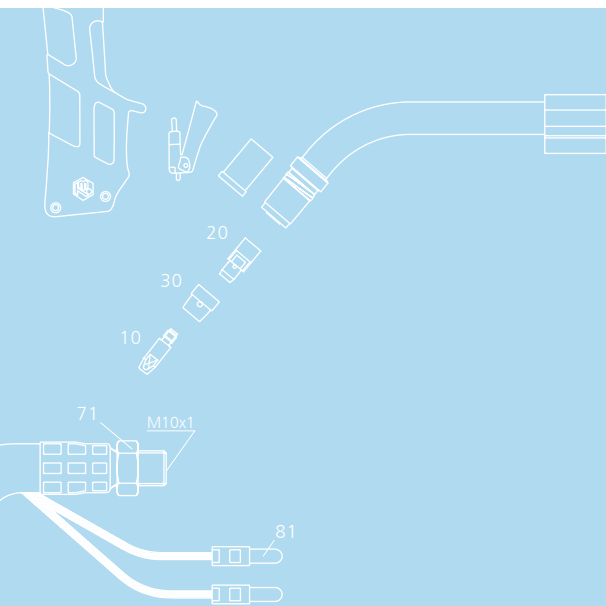




Top 2000 TBI 5G (DR)



Air cooled

DR: changeable swivel neck

TBi-Flex rubber coaxial cable

Technical data

MIG/MAG (GMAW) Semi-automatic welding torch TBI 5G/5G DR

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

- Mixed gas: 235 A (DR: 210 A)
- CO₂: 265 A (DR: 240 A)

Cooling method Air cooling

Wire diameter 0.8 - 1.2 mm

Gas flow 12 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cable 1.35 kg (TBI 5G DR: 1,65 kg)

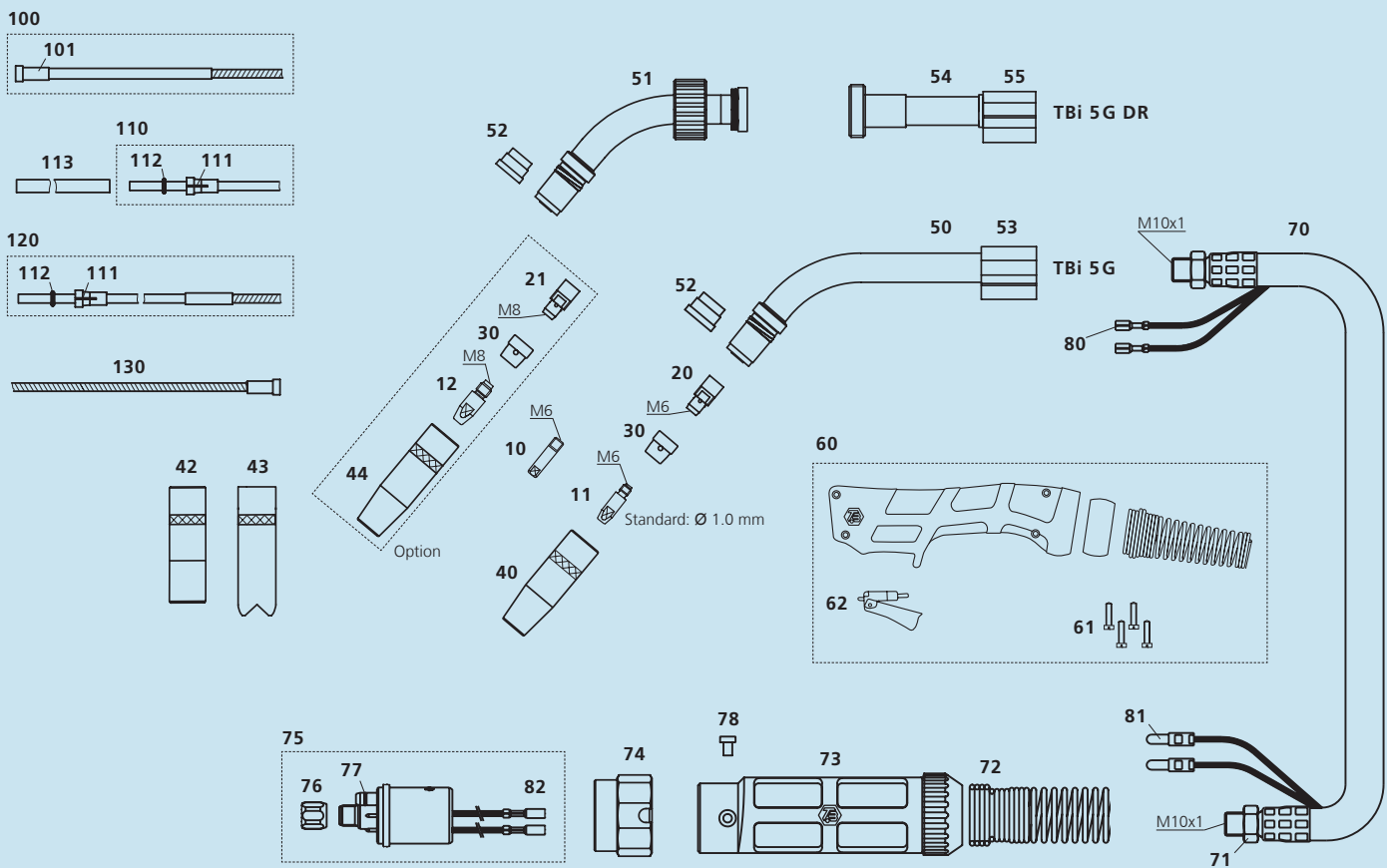
Connection Euro-Central connector
Other connectors (e.g. CLOOS®, ESAB®, Lincoln®) available upon request.

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 5G	ESG, 50° bent	167P3423_0*
TBi 5G DR	ESG, 45° bent	167P3423_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 M6x25, Ecu	340P__1073*
10	Contact tip M6x25, CuCrZr	340P__3073*
10	Contact tip M6x25 Alu, Ecu	341P__1073*
▶ 11	Contact tip M6x28, Ecu	340P__1069*
11	Contact tip M6x28, CuCrZr	340P__3069*
11	Contact tip M6x28 Alu, Ecu	341P__1069*
12	Contact tip M8x30, Ecu	340P__1262*
12	Contact tip M8x30, CuCrZr	340P__3262*
12	Contact tip M8x30 Alu, Ecu	341P__1262*

Tip holders

▶ 20	Tip holder M6, CuCrZr	342P006176
21	Tip holder M8, CuCrZr	342P008176

Gas diffusers

▶ 30	Gas diffuser	174P102090
30	Gas diffuser, heavy duty	174P102091

Gas nozzles

▶ 40	Nozzle con. diam. 12.5 mm	345P012176
40	Nozzle con. diam. 12.5 mm HD	345P012276
42	Nozzle cyl. diam. 17.0 mm	345P011176
43	Spot weld nozzle diam. 17.0 mm	345P125176
44	Nozzle con. diam. 12.5 mm for M8 contact tip	345PA12176

Spare parts

50	Torch neck TBi 5G, 50°	167P101001
51	Torch neck TBi 5G DR (swivel), 45°	167P101010
52	Insulating bushing	176P102018
53	PVC body	600P002018
54	Support for DR necks	600P101045

Pos. Description

Part. No.

55	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 25 sqmm	360P2511_0*
71	Hex nut M10x1	101P002005
72	Spring support small 16-50 sqmm	600P102099
73	Cable support cpl. (2 pieces)	701P001045
74	PVC adaptor nut	701P002081
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 blue (x.40 m) for wire 0.8-1.0	324P1545_4*
▶ 100	Liner w/insulation red (x.40 m) for wire 1.0-1.2	324P2045_4*
101	Collet for liners dia. 4.5 mm	330P025045
110	PTFE-Liner blue (x.50 m) for wire 0.6-0.9	326P1540_5*
110	PTFE-Liner red (x.50 m) for wire 1.0-1.2	326P2040_5*
111	Collet for teflon and PA liner 2.0x4.0 mm	331P020040
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*
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 m.

© 2011 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. DOKP112112, 08/2011.

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