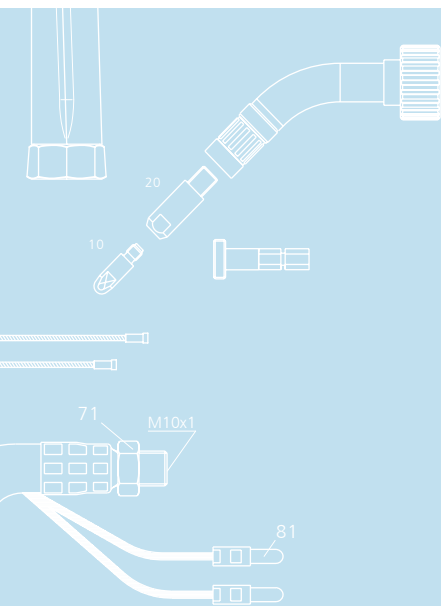




Top 2000 TBI 3G (DR)



Air cooled

Very lightweight torch with aluminum neck

DR: changeable swivel neck

Technical data

MIG/MAG (GMAW) Semi-automatic welding torch TBI 3G/3G DR

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

- Mixed gas: 225 A (DR: 200 A)
- CO₂: 250 A (DR: 225 A)

Cooling method Air cooling

Wire diameter 0.8 - 1.2 mm

Gas flow 8 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cable 0.90 kg (TBI 3G DR: 1.20 kg)

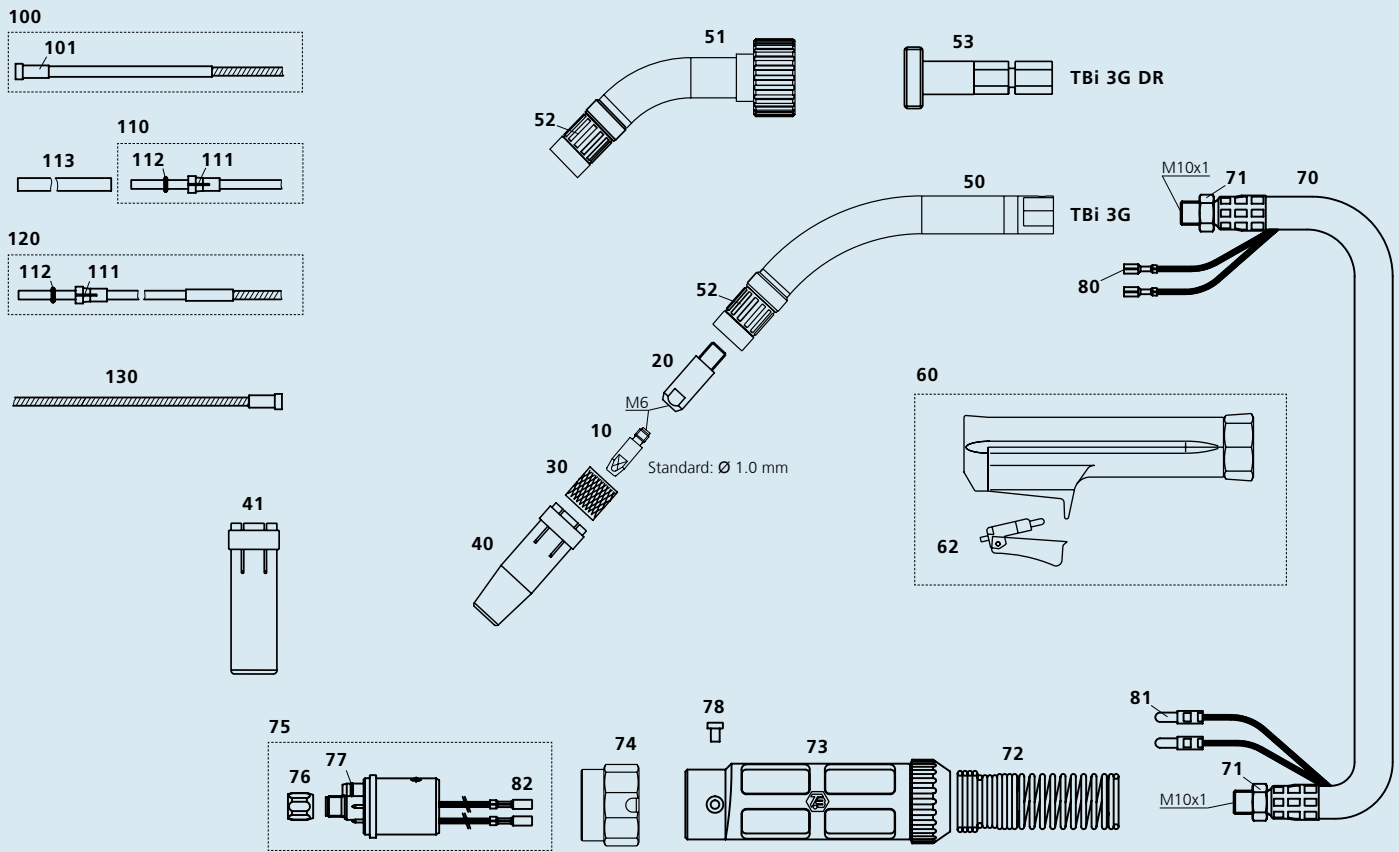
Connection Euro-Central connector
other connectors are available
upon request.

Ordering Information

TBI 3G	ESG, 50° bent	117P3113_0*
TBI 3G DR	ESG, 45° bent	117P3113_D*

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

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.



Pos. Description

Part. No.

Pos. Description

Part. No.

Contact tips

▶ 10	Contact tip M6x28, Ecu	340P_1069*
10	Contact tip M6x28, CuCrZr	340P_3069*
10	Contact tip M6x28 Alu, Ecu	341P_1069*

Tip holders

▶ 20	Tip holder M6 / L=37 mm, CuCrZr	342P006117
------	---------------------------------	------------

Nozzle insulators

▶ 30	Nozzle insulator	346P012117
------	------------------	------------

Gas nozzles

▶ 40	Nozzle conical diam. 12.5mm, cpl. with insulator	345P012117
41	Nozzle cylindrical diam. 17 mm, cpl. with insulator	345P011117

Spare parts

50	Torch neck TBI 3G, 50°	117P101001
51	Torch neck TBI 3G DR, 45°	117P101010
52	Clamping ring	110P102016
53	Support for DR neck (3G)	110P102014
60	Handle small, blue, cpl. (3G DR)	380P220002
60	Handle small, blue, cpl. (3G)	380P220003
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

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 diam. 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 liners 2.0x4.0 mm	331P020040
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. DOKP112102, 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