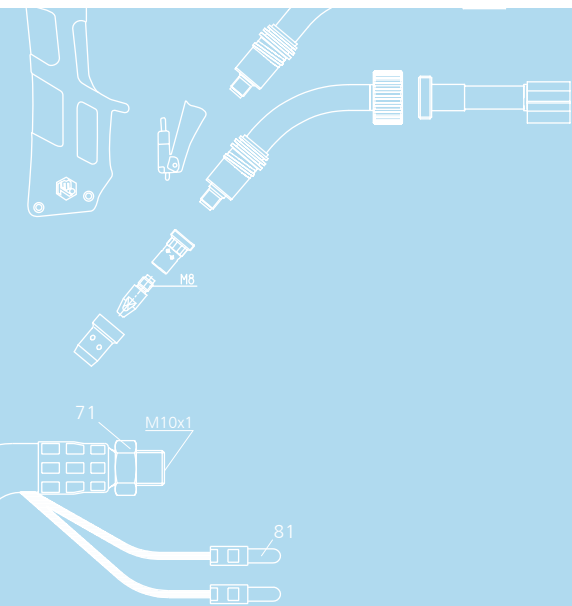




Top 2000 TBI 7G (S, L, DR)



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: 325 A (7G-L: 345 A, 7G DR: 285 A)
- CO₂: 360 A (7G-L: 380 A, 7G DR: 300 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)

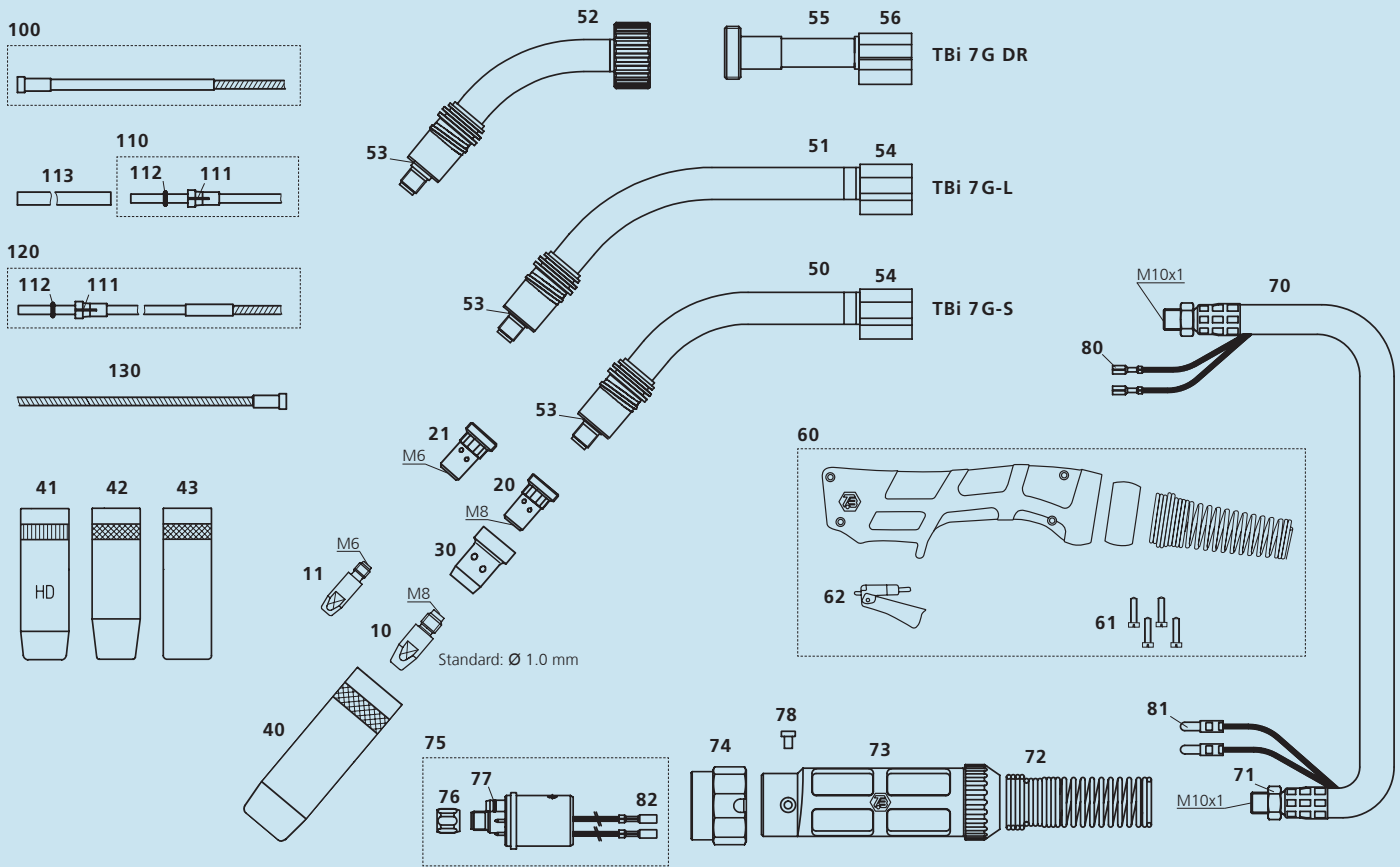
Connection Euro-Central connector
Other connectors (e.g. CLOOS®, ESAB®, Lincoln®) available upon request.

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 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.	Pos.	Description	Part no.
Contact tips					
▶ 10	Contact tip M8x30, Ecu	340P_1262*	53	Insulating washer	130P002004
10	Contact tip M8x30, CuCrZr	340P_3262*	54	PVC body	600P002018
10	Contact tip M8x30 Alu, Ecu	341P_1262*	55	Support for DR necks	600P101045
11	Contact tip M6x28, Ecu	340P_1069*	56	PVC body	600P002017
11	Contact tip M6x28, CuCrZr	340P_3069*	60	Handle blue, aircooled, cpl. kit	380P220400
11	Contact tip M6x28 Alu, Ecu	341P_1069*	61	Cross recessed screw M3.5x14	100P008413
Tip holders					
▶ 20	Tip holder M8 / L=25 mm	342P008033	62	Trigger, red, 2 poles	385P021016
20	Tip holder CuCrZr M8 / L=25 mm	342P008171	70	TBI-Flex coaxial cable 35 sqmm (7G-S / 7G DR)	360P3511_0*
20	Tip holder M8 / L=29 mm	342P008133	70	TBI-Flex coaxial cable 50 sqmm (7G-L)	360P5011_0*
21	Tip holder M6 / L=25 mm	342P006033	71	Hex nut M10x1	101P002005
21	Tip holder M6 / L=29 mm	342P006133	72	Spring support small 16-50 sqmm	600P102099
Gas diffusers					
▶ 30	Gas diffuser, black	130P002026	73	Cable support cpl. (2 pieces)	701P001045
30	Gas diffuser, white	130P002017	74	Adaptor nut	701P001013
30	Gas diffuser, ceramic	130P002019	75	Central adaptor ESG cpl., 2 poles, moveable pins	701P001048
30	Gas diffuser, brown	130P002031	76	Sleeve nut M10x1	701P002005
Gas nozzles					
▶ 40	Nozzle con. diam. 16.0 mm	345P022171	77	O-ring 4.0x1.0 mm (gas nipple)	365P100040
41	Nozzle con. diam. 16.0mm HD	345P022271	78	Slotted screw M4x6	100P008401
42	Nozzle con. diam. 14.0 mm	345P023171	80	Cable lug, flat	375P000023
43	Nozzle cyl. diam. 19.0 mm	345P021171	81	Insulated connector, male, round	375P000004
Spare parts					
50	Torch neck TBI 7G-S, 50°	166P101140	82	Insulated connector, female, round	375P000003
51	Torch neck TBI 7G-L, 50°	166P101150			
52	Torch neck TBI 7G DR, 45°	166P101130			
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 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*			
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.

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