



Classic TBi 252 E1 DR

Air cooled

Changeable swivel neck

Screw-on fume shroud

Technical data

MIG/MAG semi-automatic fume extraction welding torch TBi 252 E1 DR

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

- Mixed gas: 200 A
- CO₂: 230 A

Cooling method air cooling

Wire diameter 0.8 - 1.2 mm

Gas flow 10 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cable 1.40 kg

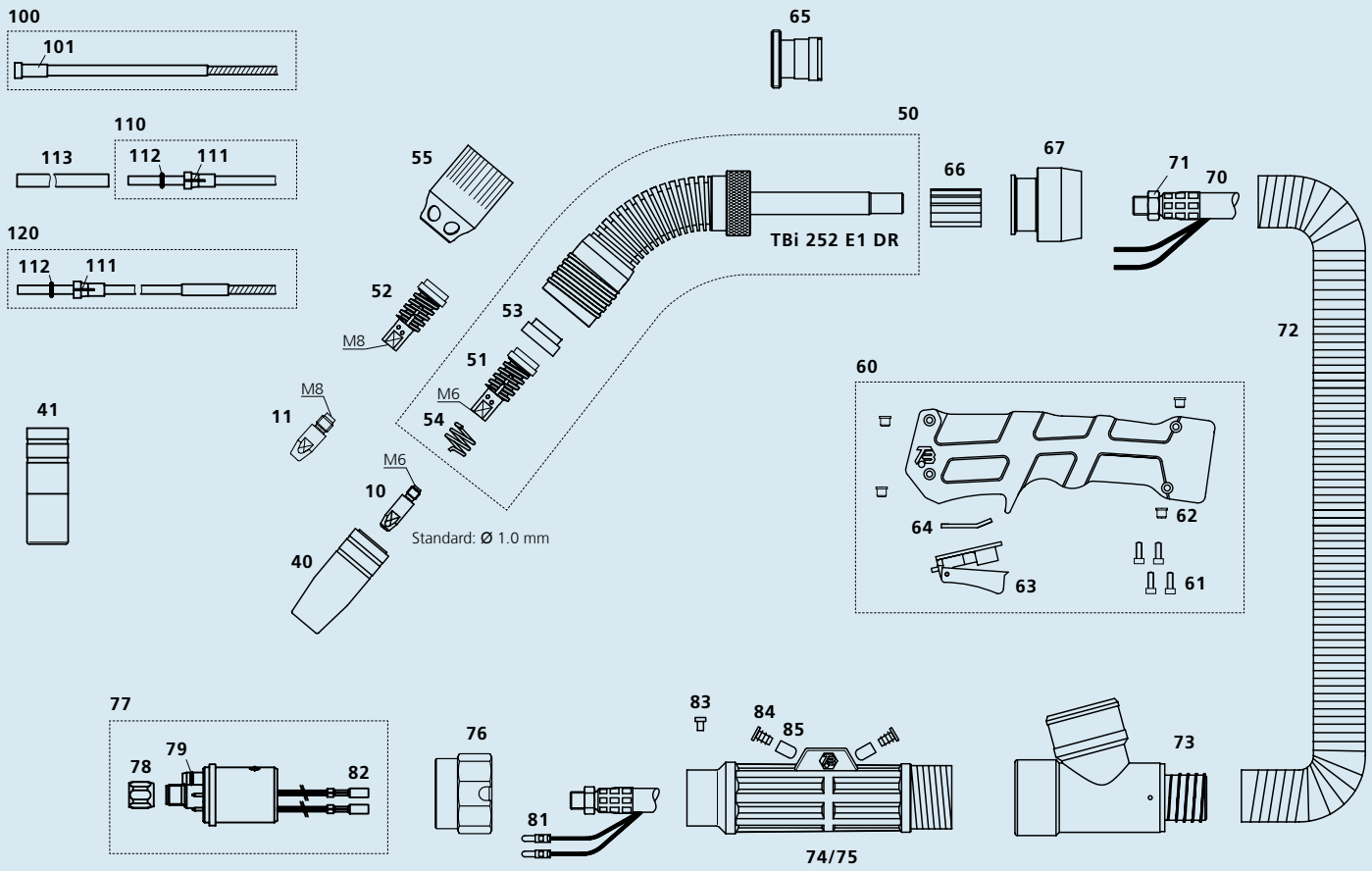
Connection Euro-Central connector,
other connectors (e.g. CLOOS®, ESAB®,
Lincoln®) available upon request.

Torch rating will be reduced when using pulsed-arc power sources.
Custom lengths of the cable assembly are available upon request.

Ordering Information

TBi 252 E1 DR ESG, 50° bent 254P3Y13_D*

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



Pos.	Description	Part. No.	Pos.	Description	Part. No.
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Contact tips

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

Gas nozzles

▶ 40	Nozzle con. diam. 15.0 mm	345P012003
40	Nozzle con. diam. 15.0 mm long insul.	345P012303
41	Nozzle cyl. diam. 20.0 mm	345P011003
41	Nozzle cyl. diam. 20.0 mm long insul.	345P011303

Spare parts

50	Torch neck TBi 252 E1 DR, cpl.	254P101010
51	Nozzle support TBi 351 E1 / 252 E1 DR, M6	272P102003
52	Nozzle support TBi 351 E1 / 252 E1 DR, M8	272P102008
53	Insulator TBi 252 E1	254P102005
54	Nozzle spring TBi 250/252/351	103P002006
55	Fume shroud TBi 252 E1	254P102003
60	Handle cpl., blue, micro switch, TBi E1	380P916001
61	Socket cap screw M4x10	109P091204
62	Threaded bush M4	252P102016
63	Micro switch, red, 3 poles	385P033011
64	Sealing plate for handle TBi E1	252P102017
-	Gasket for handle TBi E1	252P102015
65	Adaptor for torch neck TBi E1 DR	252P102022
66	Brass block TBi E1 DR	252P102019
67	Handle fitting for 29 mm fume hose	252P102026

70	Coaxial cable cpl., 25 sqmm	359P2511_0*
71	Hex nut M10x1	101P002005
72	Fume extraction hose D=29 mm	306P293600
73	T-joint cpl. for 29 mm fume hose	200P101013
74	Cable support housing (only with pos. 75)	701P102070
75	Cable support cover (only with pos. 74)	701P102071
76	Adaptor nut	701P001013
77	Central adaptor ESG cpl., 2 poles, moveable pins	701P001048
78	Sleeve nut M10x1	701P002005
79	O-ring 4.0x1.0 mm (gas nipple)	365P100040
81	Insulated connector, male, round	375P000004
82	Insulated connector, female, round	375P000003
83	Slotted screw M4x6	100P008401
84	Square cap	200P102006
85	Cap for water connector	395P000004

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	Teflon liner blue (x.50 m) for wire 0.6-0.9	326P1540_5*
110	Teflon liner red (x.50 m) for wire 1.0-1.2	326P2040_5*
111	Collet for teflon and PA liner 4.0 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*

▶ = 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.

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