



Classic TBi 241 E3

Water cooled

Same consumables as TBi 241

Slip-on fume shroud

Technical data

MIG/MAG semi-automatic fume extraction welding torch TBi 241 E3

Rating at 100% duty cycle
(10 min. cycle)

- Mixed gas: 280 A
- CO₂: 310 A

Cooling method water cooling

Wire diameter 0.8 - 1.2 mm

Gas flow 14 l/min

Technical specification according to IEC 60974-7

Weight with 1.5m cable 1.60 kg

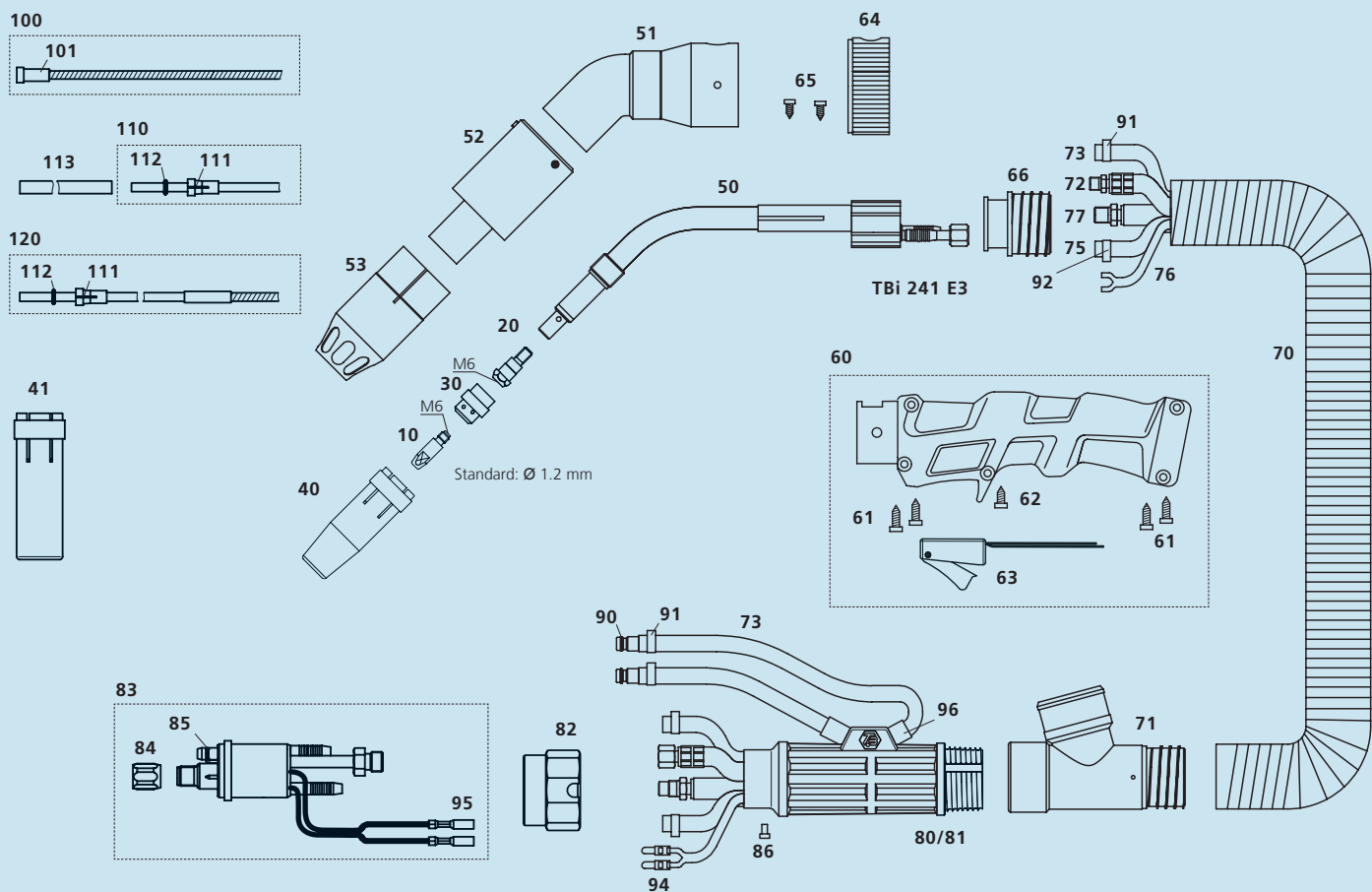
Connection Euro-Central connector,
other connectors (e.g. CLOOS®, ESAB®,
Lincoln®) available upon request.

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

Ordering Information

TBi 241 E3 ESW, 50° bent 223P4X15_0*

* 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.
Contact tips					
▶ 10	Contact tip M6x28, Ecu	340P_1069*	72	Water-power cable Classic, blue, 2-C	316P1621_0*
10	Contact tip M6x28, CuCrZr	340P_3069*	73	PVC hose, braided, black, 5x1.5 mm	302P020000
10	Contact tip M6x28 Alu, Ecu	341P_1069*	75	PVC-Gas hose, black, 4.5x1.5 mm	302P010000
Tip holders					
▶ 20	Tip holder M6 / L=26 mm	342P006012	76	Control cable x.10m, round, cpl., for Tbi E1/E2/E3	301P2304_1*
Gas diffusers					
▶ 30	Gas diffuser, red	112P002019	77	Wire conduit yellow ,Classic'	356P0401_0*
30	Gas diffuser, ceramic	112P002021	80	Cable support housing (only with pos. 81)	701P102070
30	Gas diffuser, white	112P102019	81	Cable support cover (only with pos. 80)	701P102071
30	Gas diffuser, brown	112P002022	82	Adaptor nut	701P001013
Gas nozzles					
▶ 40	Nozzle con. diam. 12.5 mm	345P012012	83	Central adaptor ESW cpl., 2 poles, moveable pins	701P001049
41	Nozzle cyl. diam. 17.0 mm	345P011012	84	Sleeve nut M10x1	701P002005
Spare parts					
50	Torch neck Tbi 241 E3	223P001016	85	O-ring 4.0x1.0 mm (gas nipple)	365P100040
51	Outer tube Tbi 240/241/5G/5W E3	223P001010	86	Slotted screw M4x6	100P008401
52	Nozzle support Tbi 240 E3/241 E3	223P001013	90	Quick connector	701P002064
53	Fume shroud Tbi 240/241/5G/5W E3	212P001001	91	Hose clamp Ø 9.5 with ring	373P100095
60	Handle cpl., blue, housed micro switch, Tbi E2/E3	380P220606	92	Hose clamp Ø 8.7	371P000087
61	Self-cutting screw 3.5x14.0 mm	100P797101	94	Insulated connector, male, round	375P000004
62	Self-cutting screw, short, Tbi E3	100P008411	95	Insulated connector, female, round	375P000003
63	Micro switch, housed, cpl.	600P101046	96	Rubber hose 10x2.0 mm	310P102102
64	Air regulator large	200P102001	Wire guides		
65	Fillister head screw, 2.9x6.5 mm	100P797103	▶ 100	Liner w/o insulation (x.40 m) for wire 1.0-1.2	322P2045_4*
66	Handle fitting for 38 mm fume hose	274P102011	100	Liner w/ insulation blue (x.40 m) for wire 0.8-1.0	324P1545_4*
70	Fume extraction hose D=38 mm	306P384600	101	Collet for liners dia. 4.5 mm	330P025045
71	T-joint cpl. for 38 mm fume hose	200P101012	110	Teflon liner blue (x.50 m) for wire 0.8-1.0	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 mm.

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