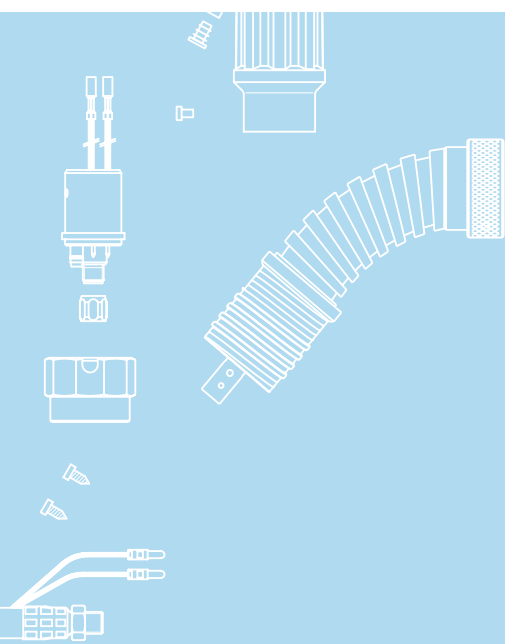




## *Classic* Tbi 351 E1 H



Water cooled

For high vacuum systems

Screw-on fume shroud

### Technical data

#### MIG/MAG semi-automatic fume extraction welding torch Tbi 351 E1 H

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

- Mixed gas: 280 A  
- CO<sub>2</sub>: 320 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

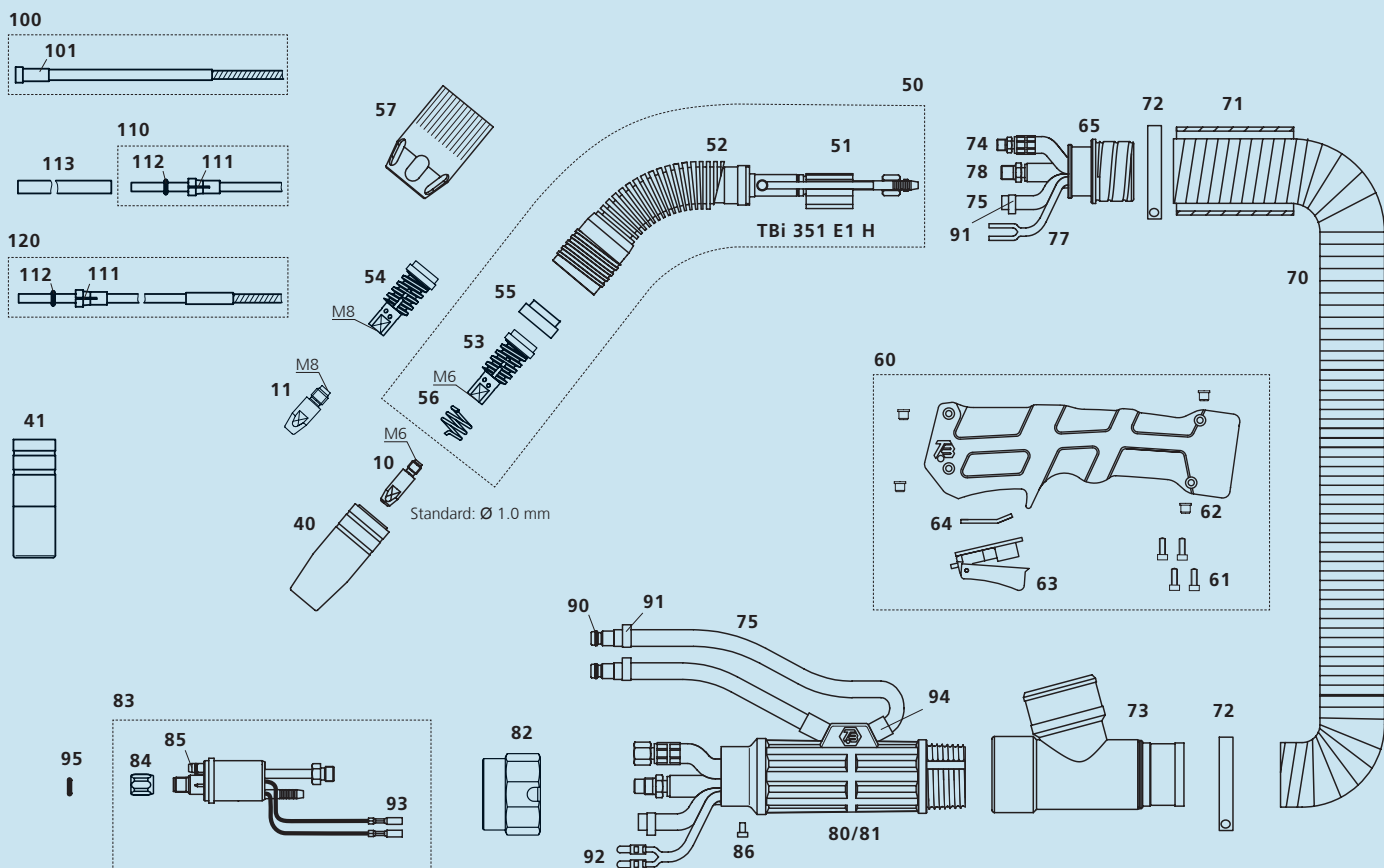
Connection Euro-Central connector,  
other connectors (e.g. CLOOS®, ESAB®,  
Lincoln®) available upon request.

### Ordering Information

Tbi 351 E1 H ESW, 50° bent 272P4Y15\_0\*

\* 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.  
Custom lengths of the cable assembly are available upon request.



Pos.	Description	Part. No.	Pos.	Description	Part. No.
<b>Contact tips</b>					
▶ 10	Contact tip M6x28, Ecu	340P_1069*	70	Fume extraction hose reinforced, TBi EH, D=38 mm	306P384305
10	Contact tip M6x28, CuCrZr	340P_3069*	71	Leather cover 52x1.5 mm, L=1.50 m	308P485115
10	Contact tip M6x28 Alu, Ecu	341P_1069*	72	Hose clamp 32-50 mm	369P009052
11	Contact tip M8x30, Ecu	340P_1262*	73	T-piece cpl., TBi EH	200P101011
11	Contact tip M8x30, CuCrZr	340P_3262*	74	Water-power cable Classic, blue, 2-C	316P1621_0*
11	Contact tip M8x30 Alu, Ecu	341P_1262*	75	PVC hose, braided, black, 5x1.5 mm	302P020000
<b>Gas nozzles</b>					
▶ 40	Nozzle con. diam. 15.0 mm	345P012003	77	Control cable x.10m, round, cpl., for TBi E1/E2/E3	301P2304_1*
40	Nozzle con. diam. 15.0 mm long insul.	345P012303	78	Wire conduit yellow ,Classic'	356P0401_0*
41	Nozzle cyl. diam. 20.0 mm	345P011003	80	Cable support housing (only with pos. 81)	701P102070
41	Nozzle cyl. diam. 20.0 mm long insul.	345P011303	81	Cable support cover (only with pos. 80)	701P102071
<b>Spare parts</b>					
50	Torch neck TBi 351 E1, cpl.	272P101001	82	Adaptor nut	701P001013
51	Inner tube TBi 351 E1	272P101002	83	Central adaptor ESW cpl., TBi 351 E1	701P101011
52	Outer tube TBi 351 E1	272P101003	84	Sleeve nut M10x1	701P002005
53	Nozzle support TBi 351 E1 / 252 E1 DR, M6	272P102003	85	O-ring 4.0x1.0 mm (gas nipple)	365P100040
54	Nozzle support TBi 351 E1 / 252 E1 DR, M8	272P102008	86	Slotted screw M4x6	100P008401
55	Insulator TBi 252 E1	254P102005	90	Quick connector	701P002064
56	Nozzle spring TBi 250/252/351	103P002006	91	Hose clamp Ø 9.5 with ring	373P100095
57	Fume shroud TBi 351 E1	272P102010	92	Insulated connector, male, round	375P000004
60	Handle cpl., blue, micro switch, TBi E1	380P916001	93	Insulated connector, female, round	375P000003
61	Socket cap screw M4x10	109P091204	94	Rubber hose 10x2.0 mm	310P102102
62	Threaded bush M4	252P102016	▶ 95	<b>O-Ring 4.0x1.5 mm (for wire conduit)</b>	<b>365P150040</b>
63	Micro switch, red, 3 poles	385P033011	<b>Wire guides</b>		
64	Sealing plate for handle TBi E1	252P102017	100	Liner w/ insulation blue (x.40 m) for wire 0.8-1.0	324P1545_4*
-	Gasket for handle TBi E1	252P102015	▶ 100	<b>Liner w/ insulation red (x.40 m) for wire 1.0-1.2</b>	<b>324P2045_4*</b>
65	Front fitting for fume hose, for TBi EH	200P002080	101	Collet for liners dia. 4.5 mm	330P025045
			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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