



Classic TBI 351

Water cooled

Robust and flexible water-power cable

Uses same consumables as TBI 250

Technical data

MIG/MAG (GMAW) Semi-automatic welding torch TBI 351

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

- Mixed gas: 280 A
- CO₂: 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 cabel 1.50 kg

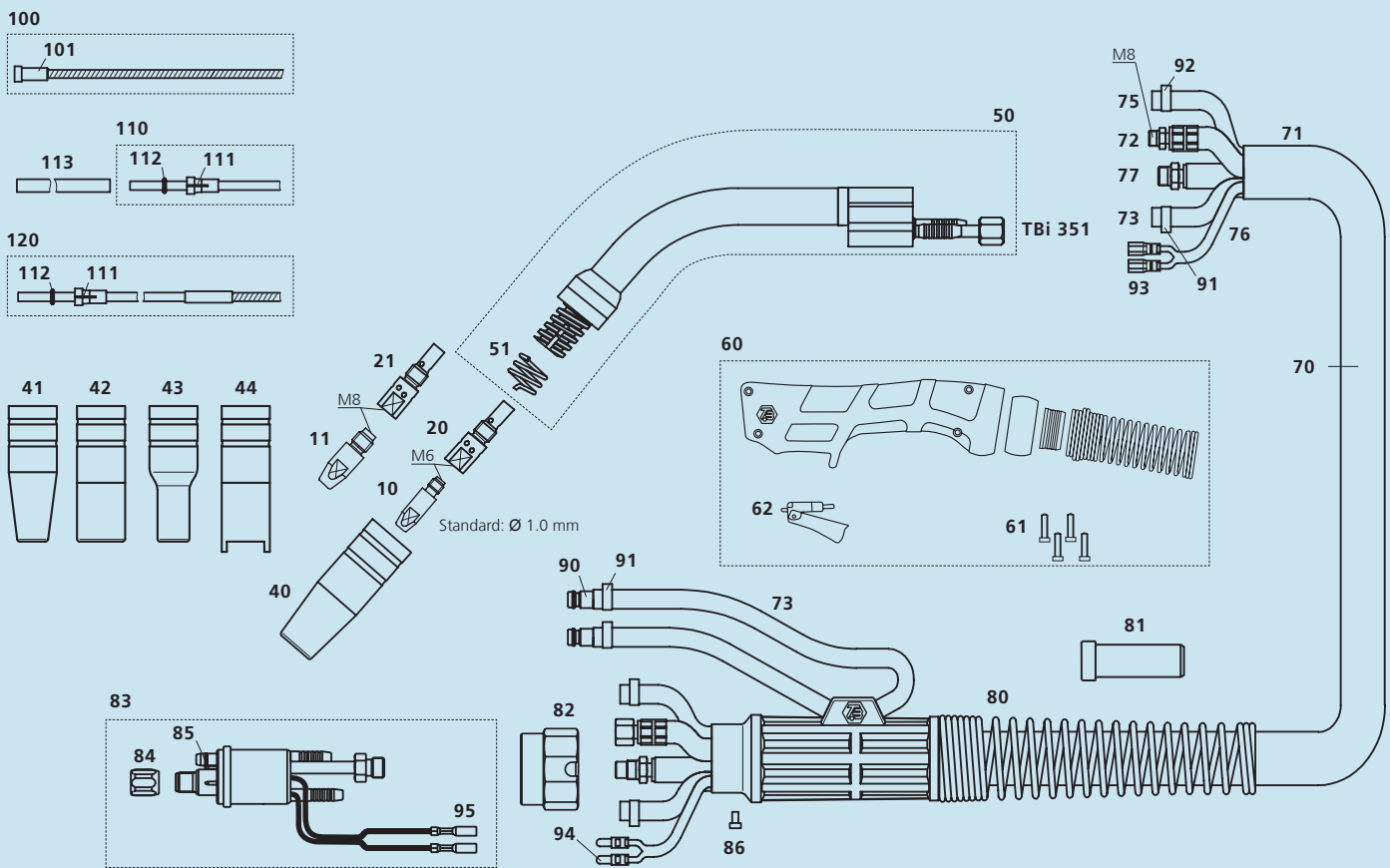
Connection Euro-Central connector
Other connectors (e.g. CLOOS®, ESAB®, Lincoln®) available upon request.

Torch rating will be reduced when using pulsed-arc power sources. Special torch necks and custom lengths of the cable assembly are available upon request.

Ordering Information

TBI 351 ESW, 50° bent 122P4415_0*

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



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*
11	Contact tip M8x30, Ecu	340P_1262*
11	Contact tip M8x30, CuCrZr	340P_3262*
11	Contact tip M8x30 Alu, Ecu	341P_1262*

Tip holders

▶ 20	Tip holder M6 / L=35 mm	342P006003
21	Tip holder M8 / L=35 mm	342P008003

Gas nozzles

▶ 40	Nozzle con. diam. 15.0 mm	345P012003
41	Nozzle con. diam. 11.0 mm	345P013003
42	Nozzle cyl. diam. 20.0 mm	345P011003
43	Nozzle bottle form diam. 14.0 mm	345P014003
44	Spot weld nozzle diam. 18.0 mm long insul.	345P015503

Spare parts

50	Torch neck TBi 351, 50°	122P001001
51	Nozzle spring TBi 250/252/351	103P002006
60	Handle blue, watercooled, cpl. kit	380P220401
61	Cross recessed screw M 3.5x14	100P008413
62	Trigger, red, 2 poles	385P021016
70	Cable assembly Classic, 2-C	122P4045_0*
71	Fabric outer cover 25x1.5 mm, cpl.	307P2528_A*
72	Water-power cable Classic, blue, 2-C	316P1621_0*
73	PVC hose, braided, black, 5x1.5 mm	302P020000
75	PVC-Gas hose, black 4.5x1.5 mm	302P010000
76	Control cable x.30 m cpl.	301P2304_0*

Pos. Description

Part. No.

77	Wire conduit yellow ,Classic'	356P0401_0*
80	Cable support 3 parts cpl. with spring	701P101071
81	Cable support 70 sqmm	600P002107
82	Adaptor nut	701P001013
83	Central adaptor ESW cpl., 2 poles, moveable pins	701P001049
84	Sleeve nut M10x1	701P002005
85	O-ring 4.0x1.0 mm (gas nipple)	365P100040
86	Slotted screw M4x6	100P008401
90	Quick connector	701P002064
91	Hose clamp Ø 9.5 with ring	373P100095
92	Hose clamp Ø 8.7	371P000087
93	Cable lug, flat	375P000023
94	Insulated connector, male, round	375P000004
95	Insulated connector, female, round	375P000003

Wire guides

▶ 100	Liner w/o insulation (x.40 m) for wire 1.0-1.2	322P2045_4*
100	Liner w/ insulation blue (x.40 m) for wire 0.8-1.0	324P1545_4*
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 2.0x4.0 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 parts

* 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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