



Classic TBI 241

Water cooled

Robust and flexible water-power cable

Uses same consumables as TBI 240

Technical data

MIG / MAG (GMAW) Semi-automatic welding torch TBI 241

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 1.5 m cable: 1.50 kg

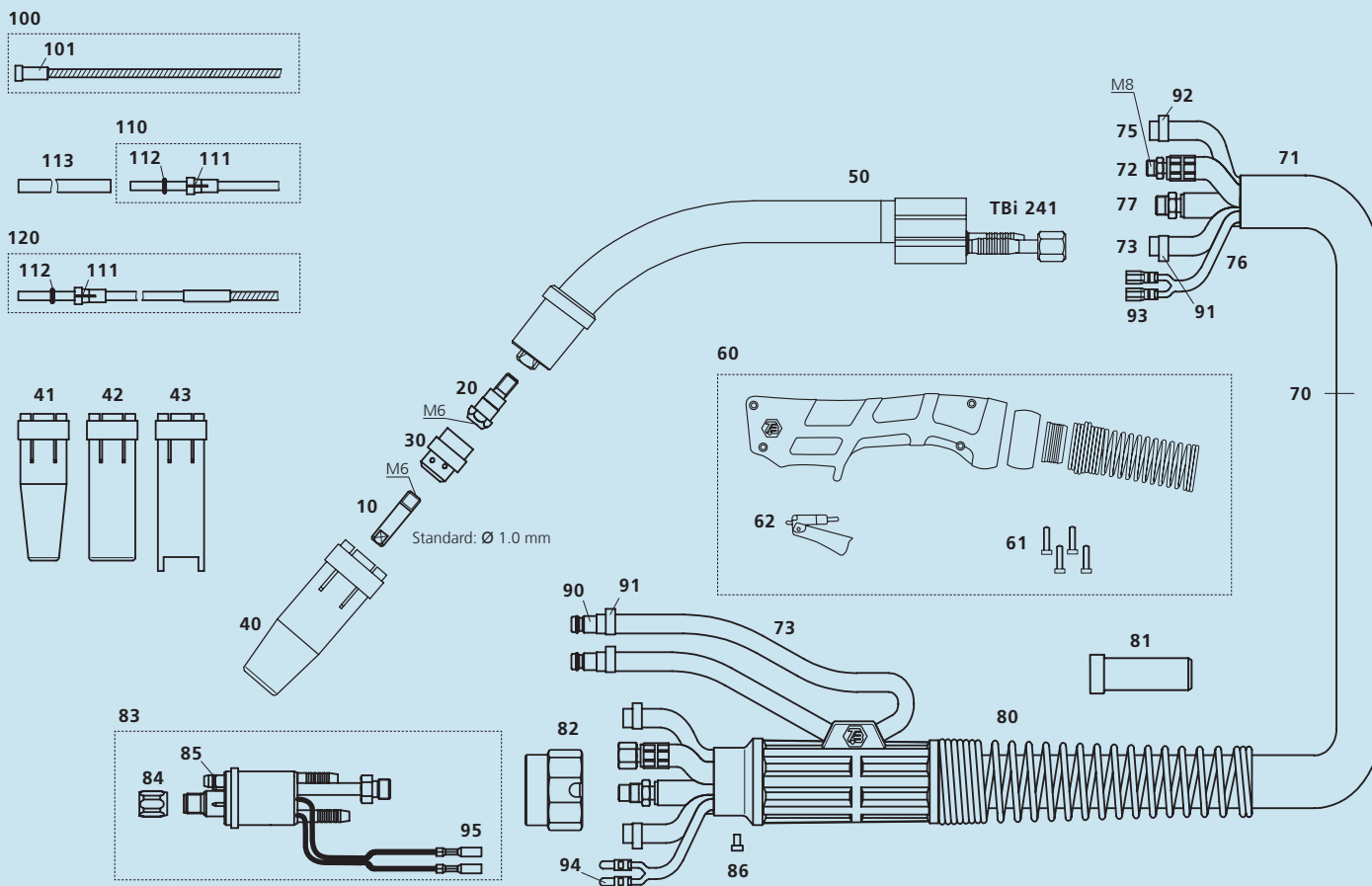
Connection: Euro-Central connector
Other connectors (e.g. CLOOS®, ESAB®, Lincoln®) available upon request.

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 241 ESW, 50° bent 123P4415_0*

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



Pos. Description

Contact tips

Pos.	Description	Part. No.
▶ 10	Contact tip M6x25, ECU	340P_1073*
10	Contact tip M6x25, CuCrZr	340P_3073*
10	Contact tip M6x25 Alu, ECU	341P_1073*

Tip holders

▶ 20	Tip holder M6 / L=26 mm	342P006012
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Gas diffusers

▶ 30	Gas diffuser, red	112P002019
30	Gas diffuser, ceramic	112P002021
30	Gas diffuser, white	112P102019
30	Gas diffuser, brown	112P002022

Gas nozzles

▶ 40	Nozzle con. diam. 12.5 mm	345P012012
40	Nozzle con. diam. 12.5 mm HD	345P012312
41	Nozzle con. diam. 10.0 mm	345P013012
42	Nozzle cyl. diam. 17.0 mm	345P011012
42	Nozzle cyl. diam. 17.0 mm HD	345P011312
43	Spot weld nozzle diam. 17.0 mm	345P015012

Spare parts

50	Torch neck TBI 241, 50°	123P001001
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

▶ = 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 m.

Pos. Description

Pos.	Description	Part. No.
76	Control cable x.30 m cpl.	301P2304_0*
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*