

Technical Data

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

- Mixed gas: 270 A
- CO₂: 300 A

Cooling method Water cooling

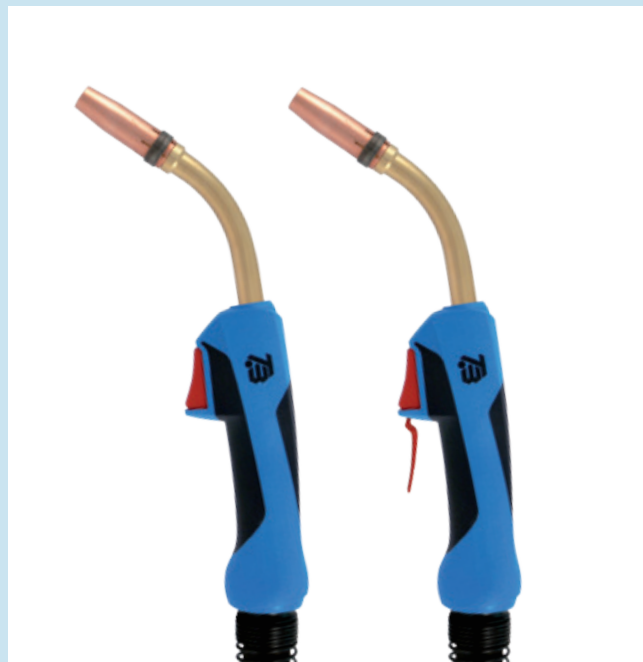
Wire diameter 0.8 - 1.2 mm

Gas flow 14 l/min

Technical specification according to IEC 60974-7

Connection Euro-Central connector
Other connectors are available upon request.

Torch rating will be reduced when using pulsed-arc power sources.



Contact tips

M6	Pos.	Part no.
	10	340P__1073*
	ECu, M6x25	340P__3073*
	Alu, ECu, M6x25	341P__1073*
M6	Pos.	Part no.
	11	340P__1069*
	ECu, M6x28	340P__3069*
	Alu, ECu, M6x28	341P__1069*

► = Standard equipment

* At the blank, please insert suitable information for torch length or wire diameter, e.g. 3 for 3 m or 08 for 0.8 mm.

Tip holder

Pos.	Part no.
20	342P006012
for contact tip M6	

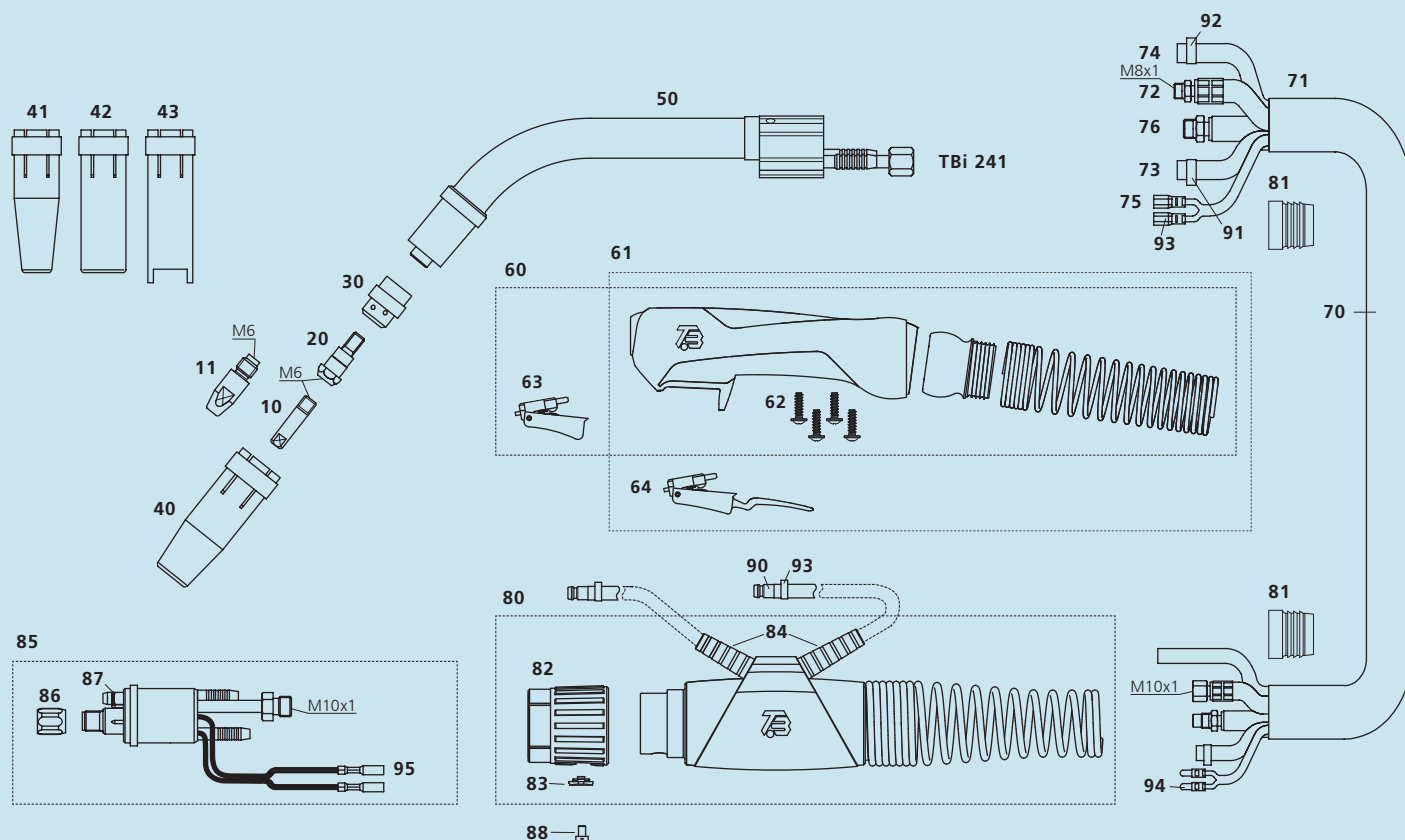
Ordering information for torches

Supplied equipped for steel wire Ø 1.0 mm

TBi 241 Expert	with Euro central connector	3 m	123P421030
		4 m	123P421040
		5 m	123P421050
TBi 241 Expert	with Euro central connector and long trigger	3 m	123P4L1030
		4 m	123P4L1040
		5 m	123P4L1050

Spare parts

Pos.	Description	Part no.
50	Torch neck TBi 241, 50°	123P001001
60	Handle Expert cpl., water cooled	380P230003
61	Handle Expert cpl., water cooled, long trigger	380P230004
62	Screw for Expert handle	100P541101
63	Trigger, red, 2 poles	385P021016
64	Trigger, red, 2 poles, long	385P021018



Gas diffuser



Pos.		Art. Nummer
30	rubber, red long life	112P002019
	thermoset, black, very robust	112P002024
	ceramic, white, extremely heat resistant	112P002021

Gas nozzle



Pos.		Part no.
40	conical, NW 12.5 mm L= 63.5 mm	345P012012
40	conical, NW 12.5 mm, Heavy Duty L= 63.5 mm	345P012312
41	conical, NW 10 mm L= 63.5 mm	345P013012
42	cylindrical, NW 17 mm L= 63.5 mm	345P011012
42	cylindrical, NW 17 mm Heavy Duty L= 63.5 mm	345P011312
43	spot welding nozzle, NW 17 mm L= 68 mm	345P015012

Pos.	Description	Part no.
70	Cable assembly Expert ,Classic', 2-C	123P4040_0*
71	Fabric outer cover 25x1.5 mm, for Expert	307P2528_E*
72	Water-power cable ,Classic', blue, 2-C	316P1621_0*
72	Water-power cable ,Classic', black, HD (option)	314P1621_0*
73	PVC hose, braided, black, 5x1.5 mm	302P020000
74	PVC-Gas hose, black, 4.5x1.5 mm	302P010000
75	Control cable x.30 m cpl.	301P2304_0*
76	Wire conduit ,Classic', yellow	356P0401_0*
80	Cable support Expert cpl., water cooled	700P001066
81	Clamping ring for outer cover	600P102201
82	Adaptor nut Expert	700P001010
83	Cap for adaptor nut Expert	700P002059
84	Grommet for Expert	700P002058

Pos.	Description	Part no.
85	Central adaptor ESW cpl., 2 poles, moveable pins	701P001049
86	Sleeve nut M10x1	701P002005
87	O-ring 4.0x1.0 mm (gas nipple)	365P100040
88	Screw M4x6	100P008401
90	Quick connector	701P002064
91	Hose clamp with ring Ø 8.7	373P000087
92	Hose clamp with ring Ø 9.5	373P100095
93	Hose clamp with ring Ø 9.0	373P100090
94	Cable lug, flat	375P000023
95	Insulated connector, male, round	375P000004
96	Insulated connector, female, round	375P000003