

**Technical data**

Cooling method	2-circuit water cooled
Wire diameter	1.2 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

**Ordering information for torches**

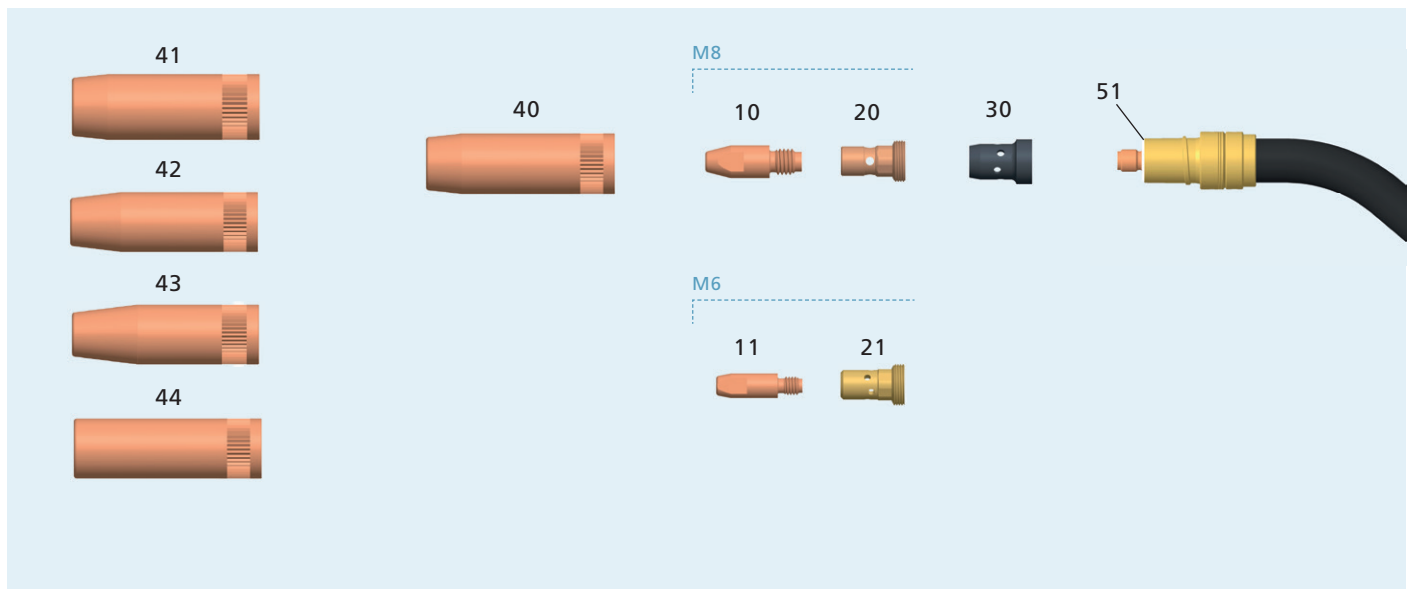
Model	Rating at 100% duty cycle (10 min. cycle)		Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO <sub>2</sub>		
▶ TBi 7W-CC Expert	500	550	177P4220_0*	177P101001
▶ TBi 7W-CC Expert Plus	500	550	177P4320_0*	177P101001

Option: TBi Modules for Expert Plus version see page 56. Only for the torch length of 4 m.


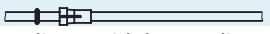
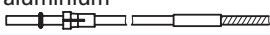
Supplied equipped for steel wire Ø 1.2 mm. Liner not insulated (Ø 1.0 -1.2 mm).

▶ = Standard equipment

\* At the blank, please insert suitable information for torch length, e.g. 3 for 3 m.



	Pos.	Description	PU	Part no.
Contact tips	▶ 10	<b>M8x30, ECu</b>	50	<b>340P__1262*</b>
	10	M8x30, CuCrZr	50	340P__3262*
	10	M8x30, Alu, ECu	50	341P__1262*
	11	M6x28, ECu	50	340P__1069*
	11	M6x28, CuCrZr	50	340P__3069*
	11	M6x28, Alu, ECu	50	341P__1069*
	Tip holder	▶ 20	<b>for contact tip M8, CuCrZr</b>	10
20		for contact tip M8, Ms	50	342P008033
20		for contact tip M8, Ms, 4 mm longer version	50	342P008133
21		for contact tip M6	50	342P006033
21		for contact tip M6, 4 mm longer version	50	342P006133
Gas diffusor	▶ 30	<b>Thermoset, black</b>	50	<b>130P002026</b>
	—	Ceramic	10	130P002019
Gas nozzles	▶ 40	<b>NW 16 mm, conical, L= 75.5 mm</b>	5	<b>345P022171</b>
	41	NW 16 mm, conical, L= 75.5 mm, HD	5	345P022271
	42	NW 14 mm, conical, L= 75.5 mm	5	345P023171
	43	NW 12 mm, conical, L= 75.5 mm, only for M6	5	345P026171
	44	NW 19 mm, cylindrical, L= 75.5 mm	5	345P021171
Spare parts	51	Insulator	5	175P102005

Wire guides	Ø	colour	3 m	4 m	5 m
Liners for steel wire 	1.0 - 1.2	not insul.	▶ <b>322P204534</b>	▶ <b>322P204544</b>	▶ <b>322P204554</b>
	1.2 - 1.6	not insul.	322P254534	322P254544	322P254554
PTFE liners for aluminum and stainless steel wire 	1.0 - 1.2	red	326P204035	326P204045	326P204055
	1.2 - 1.6	yellow	326P274735	326P274745	326P274755
PA liners with bronze liner for aluminium 	0.8 - 1.0	anthracite	328P20403A	328P20404A	328P20405A
	1.2 - 1.6	anthracite	328P23473A	328P23474A	328P23475A

▶ = Standard equipment

\* At the blank, please insert suitable information for wire diameter, e.g. 08 for 0.8 mm.