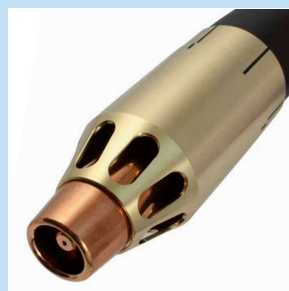


MIG/MAG Fume Extraction Torches



new ball-and-socket joint



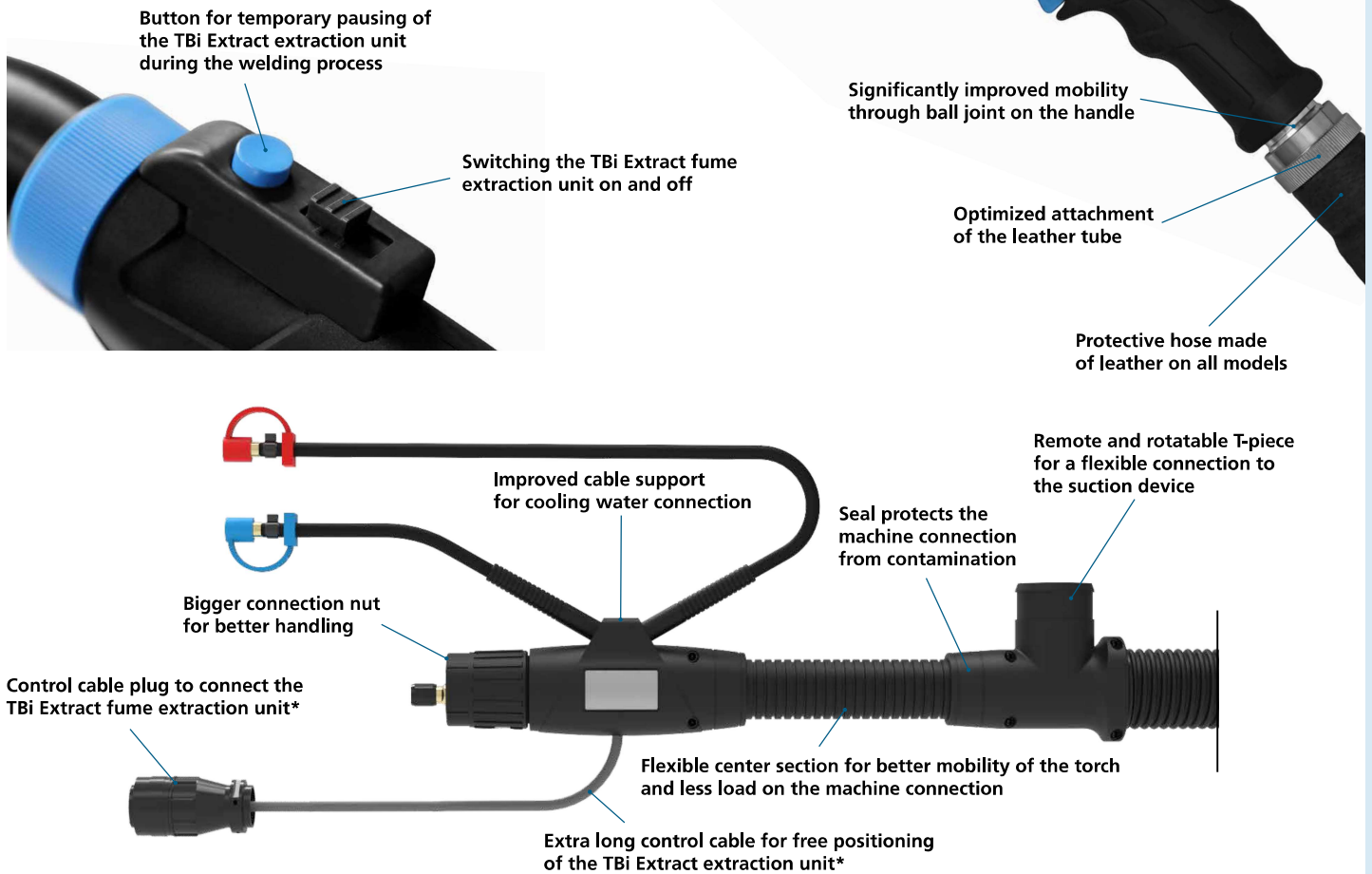
improved suction tube

MIG/MAG Fume extraction torches

Now also available for order with TBi Extract module!

TBi Extract module

for remote control of the TBi Extract fume extraction unit



TBi fume extraction torch system Extract with new Features

The combination of TBi Extract welding fume extraction unit and Extract torch module allows the full remote control of the extraction unit directly at the torch. The extraction can be paused for a short time during welding using the pushbutton. In this way, suction can be controlled in inaccessible places and cavities can be avoided in corners.

- TBi Extract torch module enables control of the TBi Extract welding fume extraction unit
- Small space requirement due to compact design
- TBi Extract torch module suitable for gas and water cooled TBi fume extraction torches



TBi Extract Fume Extraction Unit

for the best possible protection of the welder

Designed for direct connection to our TBi fume extraction torches, the welding fumes are extracted right at the point of source.

- Compact design and quiet operation, despite the powerful extraction turbine
- TBi Extract torch module on TBi fume extraction torch optional
- Cleanable permanent filter cartridge (dust class M)
- IFA test certificate W3 for high-alloy metals and steels

Part no. 200P101060

→ [For more information see product sheet](#)

* only available in combination with TBi Extract torch module.

CONTENT

Gas cooled torches **4 ... 15**

TBi 150 E3	4 ... 5
TBi 240 E3	6 ... 7
TBi 250 E3	8 ... 9
TBi 360 E3	10 ... 11
TBi 7G E2	12 ... 13
TBi 7G E3	14 ... 15

Water cooled torches **16 ... 23**

TBi 241 E3	16 ... 17
TBi 511 E3	18 ... 19
TBi 7W E2	20 ... 21
TBi 7W E3	22 ... 23



Technical data

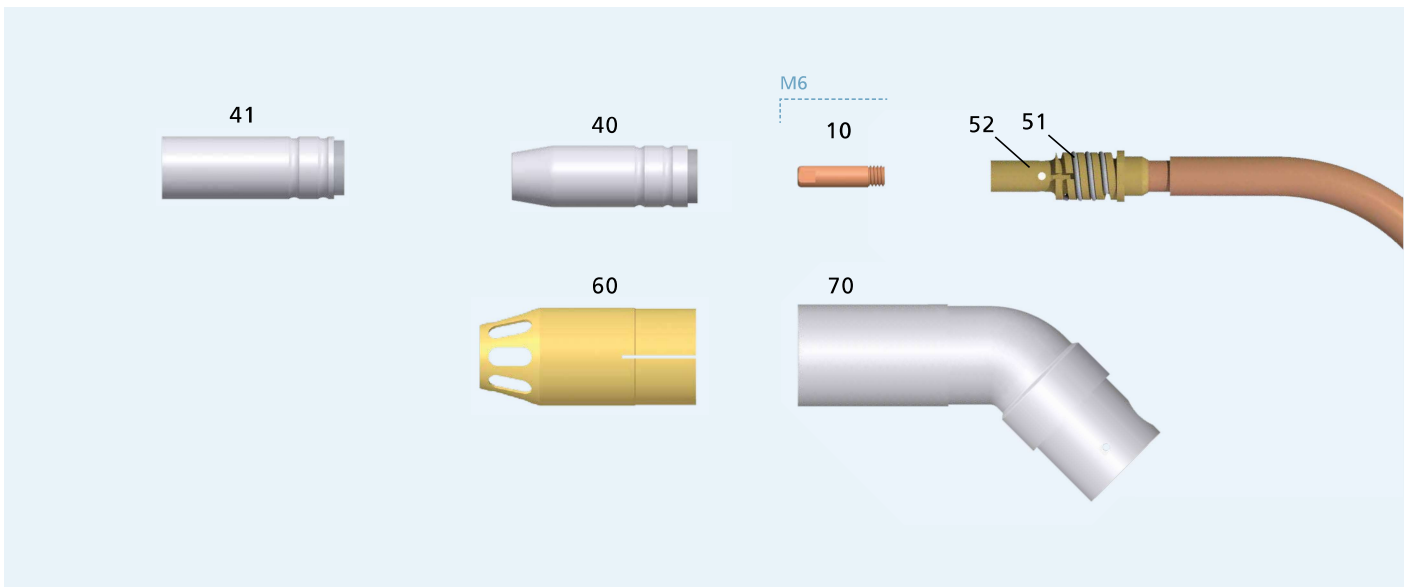
Cooling method	gas cooled
Wire diameter	0.6 - 1.0 mm
Gas flow	8 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

Model	Rating [A] at 60% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 150 E3	150	180	40	1.50	202P3X13_0*	202P001022
TBi 150 E3-E with Extract module	150	180	40	1.50	202PEX13_0*	202P001022

Supplied equipped for steel wire Ø 0.8 mm. Wire guide, blue (0.8 – 1.0 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M6 x25, ECu	50	340P__1073*
	10	M6 x25, CuCrZr	50	340P__3073*
	10	M6 x25, Alu, ECu	50	341P__1073*
Gas nozzles	▶ 40	NW 12 mm, conical, L= 54 mm	10	345P012002
	40	NW 12 mm, conical, L = 53 mm, long insulation	10	345P012402
	41	NW 16 mm, cylindrical, L= 53 mm, long insulation	10	345P011402
Spare parts	51	Nozzle spring TBi 150	10	102P002011
	52	Gas nozzle support TBi 150 without spring	10	102P002037
Fume shroud	60	for TBi 150 E3	1	202P002010
Outer tube	70	for TBi 150 E3	1	202P001020

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	0.6 - 0.9	white	324P133834	324P133844	324P133854
	0.8 - 1.0	blue	▶ 324P154534	▶ 324P154544	▶ 324P154554
PTFE liner with bronze liner for alu- and stainless steel wire 	0.8 - 1.0	blue	326P15403A	326P15404A	326P15405A
PA liners with bronze liner for aluminium wire 	0.8 - 1.0	anthracite	328P20403A	328P20404A	328P20405A

▶ = Standard equipment

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




Technical data

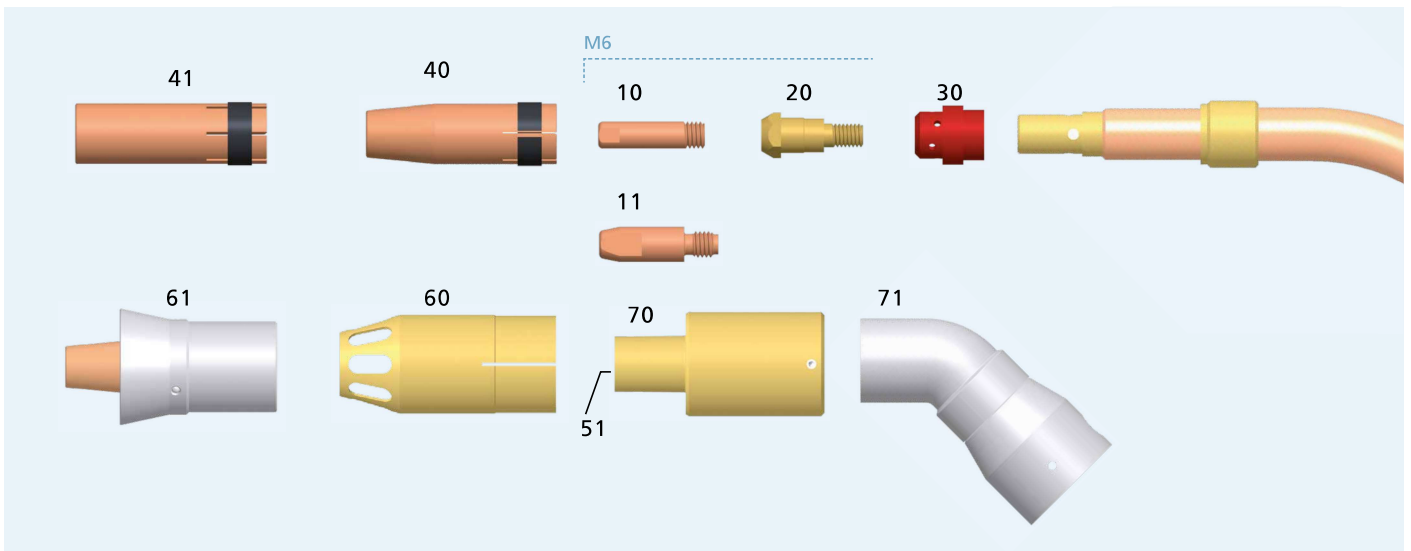
Cooling method	gas cooled
Wire diameter	0.8 - 1.2 mm
Gas flow	12 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

Model	Rating [A] at 60% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 240 E3	220	250	40	1.73	212P3X13_0*	212P001004
TBi 240 E3-E with Extract module	220	250	40	1.73	212PEX13_0*	212P001004

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, red (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M6x25, ECU	50	340P__1073*
	10	M6x25, CuCrZr	50	340P__3073*
	10	M6x25, Alu, ECU	50	341P__1073*
	11	M6x28, ECU	50	340P__1069*
	11	M6x28, CuCrZr	50	340P__3069*
	11	M6x28, Alu, ECU	50	341P__1069*
Tip holder	▶ 20	for contact tip M6	50	342P006012
Gas diffusor	▶ 30	Rubber, red	50	112P002019
	—	Thermoset, black	50	112P002024
	—	Ceramic	10	112P002021
Gas nozzles	▶ 40	NW 12.5 mm, conical, L= 63.5 mm	10	345P012012
	41	NW 17 mm, cylindrical, L= 63.5 mm	10	345P011012
Spare parts	51	Insulating sleeve	2	223P002008
Fume shroud	60	for TBi 240 E3	1	212P001001
	61	for TBi 240 E3, with integrated gas nozzle, NW 12.5 mm	1	200P101007
Nozzle support	70	for TBi 240 E3	1	223P001013
Outer tube	71	for TBi 240 E3	1	223P001010

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire	0.8 - 1.0	blue	324P154534	324P154544	324P154554
	1.0 - 1.2	red	▶ 324P204534	▶ 324P204544	▶ 324P204554
PTFE liner with bronze liner for alu- and stainless steel wire	0.8 - 1.0	blue	326P15403A	326P15404A	326P15405A
	1.0 - 1.2	red	326P20403A	326P20404A	326P20405A
PA liners with bronze liner for aluminium wire	0.8 - 1.0	anthracite	328P20403A	328P20404A	328P20405A

▶ = Standard equipment

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




Technical data

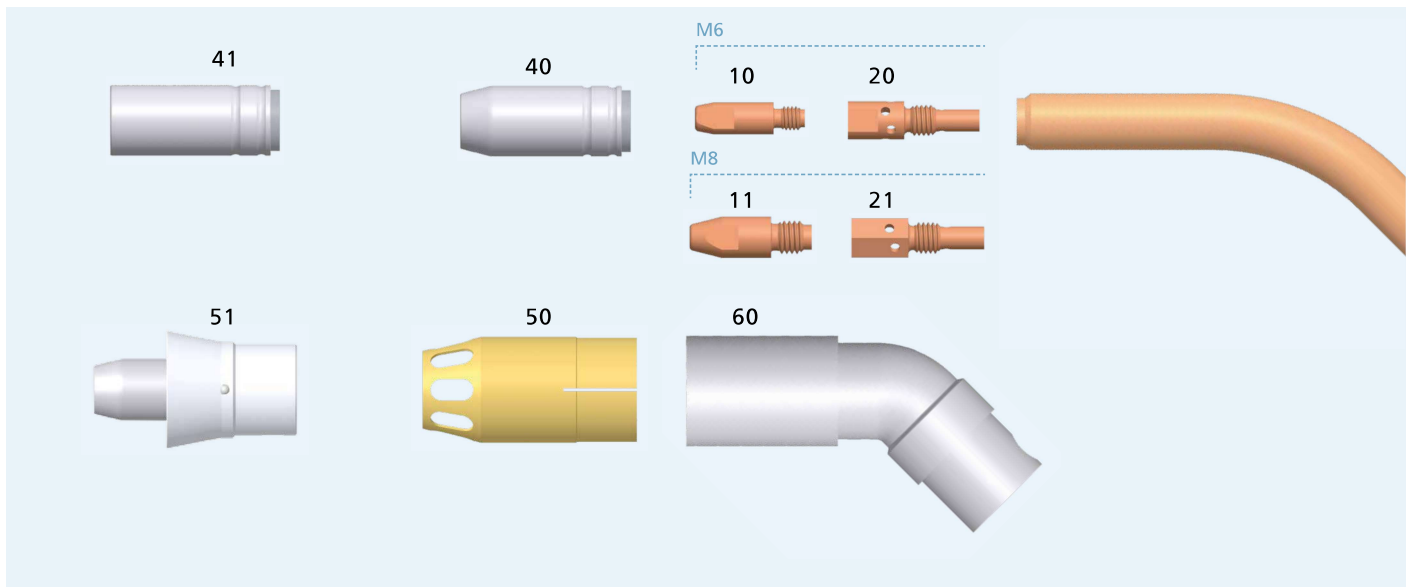
Cooling method	gas cooled
Wire diameter	0.8 - 1.2 mm
Gas flow	12 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

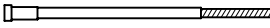
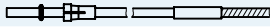
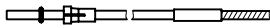
Model	Rating [A] at 60% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 250 E3	200	230	40	1.15	204P3X13_0*	204P001063
TBi 250 E3-E with Extract module	200	230	40	1.15	204PEX13_0*	204P001063

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, red (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M6 x28, ECu	50	340P__1069*
	10	M6x28, CuCrZr	50	340P__3069*
	10	M6x28, Alu, ECu	50	341P__1069*
	11	M8x30, ECu	50	340P__1262*
	11	M8x30, CuCrZr	50	340P__3262*
	11	M8x30, Alu, ECu	50	341P__1262*
Tip holder	▶ 20	for contact tip M6	50	342P006003
	21	for contact tip M8	50	342P008003
Gas nozzles	▶ 40	NW 15 mm, conical, L= 56.8 mm	10	345P012003
	40	NW 15 mm, conical, L= 56.8 mm, long insulation	10	345P012303
	41	NW 20 mm, cylindrical, L= 56.2 mm	10	345P011003
	41	NW 20 mm, cylindrical, L= 56.2 mm, long insulation	10	345P011303
Fume shroud	50	for TBi 250 E3	1	204P002030
	51	for TBi 250 E3, with integrated gas nozzle, NW 15 mm	1	200P101008
Outer tube	60	for TBi 250 E3	1	204P001064

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	0.8 - 1.0	blue	324P154534	324P154544	324P154554
	1.0 - 1.2	red	▶ 324P204534	▶ 324P204544	▶ 324P204554
PTFE liner with bronze liner for alu- and stainless steel wire 	0.8 - 1.0	blue	326P15403A	326P15404A	326P15405A
	1.0 - 1.2	red	326P20403A	326P20404A	326P20405A
PA liners with bronze liner for aluminium wire 	0.8 - 1.0	anthracite	328P20403A	328P20404A	328P20405A

▶ = Standard equipment

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





Technical data

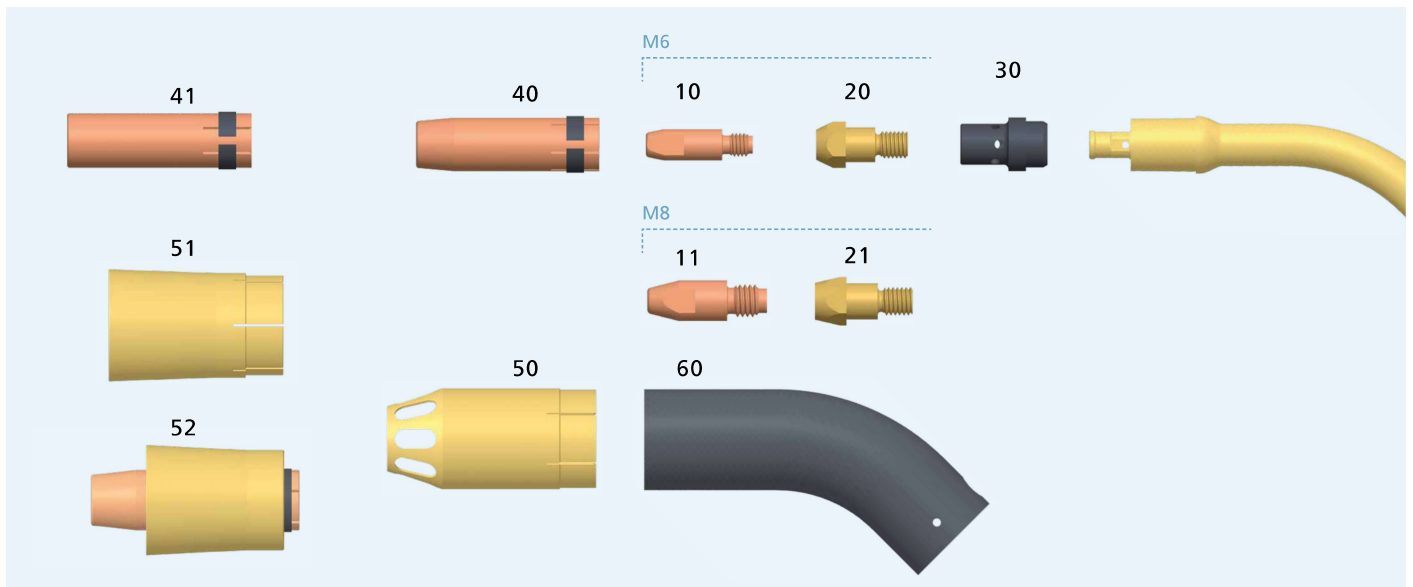
Cooling method	gas cooled
Wire diameter	1.0 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

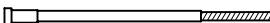
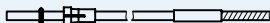
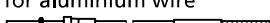
Model	Rating [A] at 60% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 360 E3	300	330	55	2.60	214P3X13_0*	214P001036
TBi 360 E3-E with Extract module	300	330	55	2.60	214PEX13_0*	214P001036

Supplied equipped for steel wire Ø 1.2 mm. Wire guide, red (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M6x28, ECu	50	340P__1069*
	10	M6x28, CuCrZr	50	340P__3069*
	10	M6x28, Alu, ECu	50	341P__1069*
	11	M8x30, ECu	50	340P__1262*
	11	M8x30, CuCrZr	50	340P__3262*
	11	M8x30, Alu, ECu	50	341P__1262*
Tip holder	▶ 20	for contact tip M6	50	342P006014
	20	for contact tip M6, 4 mm longer version	50	342P006114
	21	for contact tip M8	50	342P008014
	21	for contact tip M8, 6 mm longer version	50	342P008114
Gas diffusor	▶ 30	Thermoset, black	50	114P002007
	—	Ceramic	10	114P002005
Gas nozzles	▶ 40	NW 16 mm, conical, L= 83.5 mm	10	345P012010
	41	NW 20 mm, cylindrical, L= 83.5 mm	10	345P011010
Fume shroud	▶ 50	for TBi 360 E3	1	200P002043
	51	for TBi 360 E3, funnel fume shroud, pluggable	1	200P002045
	52	for TBi 360 E3, with integrated gas nozzle, NW 16 mm	1	200P101004
Outer tube	60	for TBi 360 E3	1	234P102035

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	1.0 - 1.2	red	▶ 324P204534	▶ 324P204544	▶ 324P204554
	1.2 - 1.6	yellow	324P254534	324P254544	324P254554
PTFE liner with bronze liner for alu- and stainless steel wire 	1.0 - 1.2	red	326P20403A	326P20404A	326P20405A
	1.2 - 1.6	yellow	326P27473A	326P27474A	326P27475A
PA liners with bronze liner for aluminium wire 	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.





Technical data

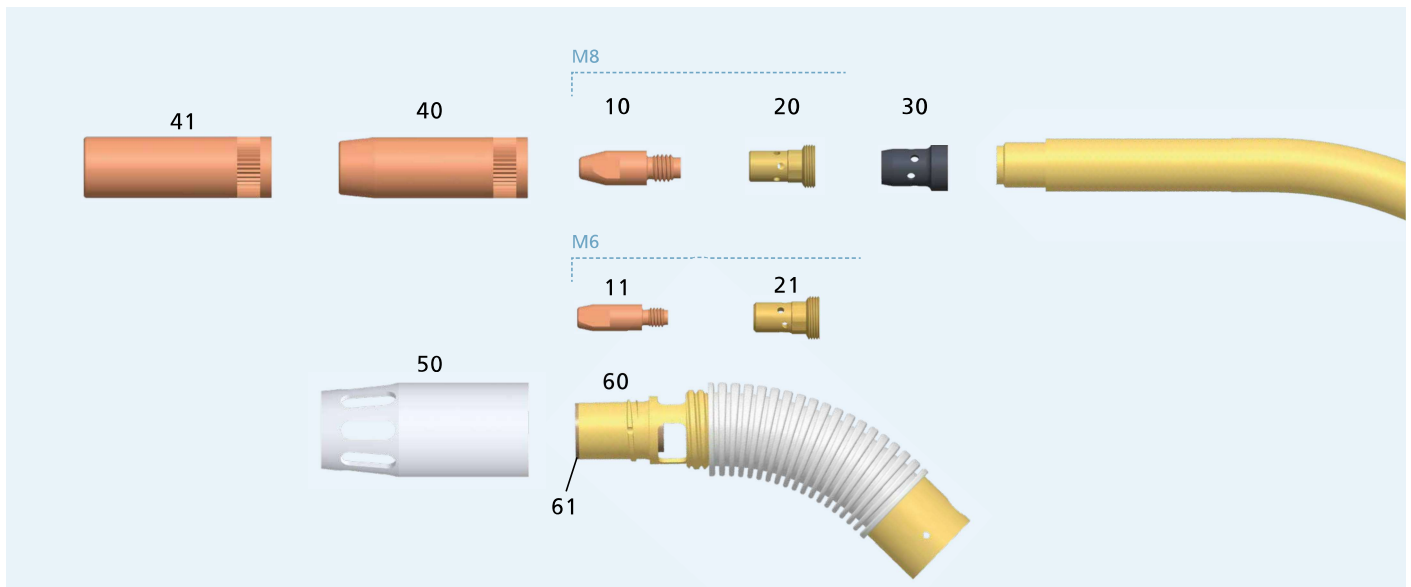
Cooling method	gas cooled
Wire diameter	1.0 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

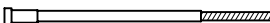
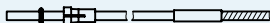
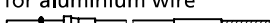
Model	Rating [A] at 60% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 7G E2	310	340	40	1.84	266P3X23_0*	266P101002

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, red (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M8x30, ECu	50	340P__1262*
	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	for contact tip M8	50
20		for contact tip M8, 4 mm longer version	50	342P008133
—		for contact tip M8, CuCrZr	10	342P008171
21		for contact tip M6	50	342P006033
21		for contact tip M6, 4 mm longer version	50	342P006133
Gas diffuser	▶ 30	Thermoset, black	50	130P002026
	—	Ceramic	10	130P002019
Gas nozzles	▶ 40	NW 16 mm, conical, L= 75.5 mm	5	345P022171
	41	NW 19 mm, cylindrical, L= 75.5 mm	5	345P021171
Fume shroud	50	for TBi 7G E2	1	274P102040
Outer tube	60	for TBi 7G E2	1	274P101012
	61	Insulating sleeve	5	274P102022

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	1.0 - 1.2	red	▶ 324P204534	▶ 324P204544	▶ 324P204554
	1.2 - 1.6	yellow	324P254534	324P254544	324P254554
PTFE liner with bronze liner for alu- and stainless steel wire 	1.0 - 1.2	red	326P20403A	326P20404A	326P20405A
	1.2 - 1.6	yellow	326P27473A	326P27474A	326P27475A
PA liners with bronze liner for aluminium wire 	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.





Technical data

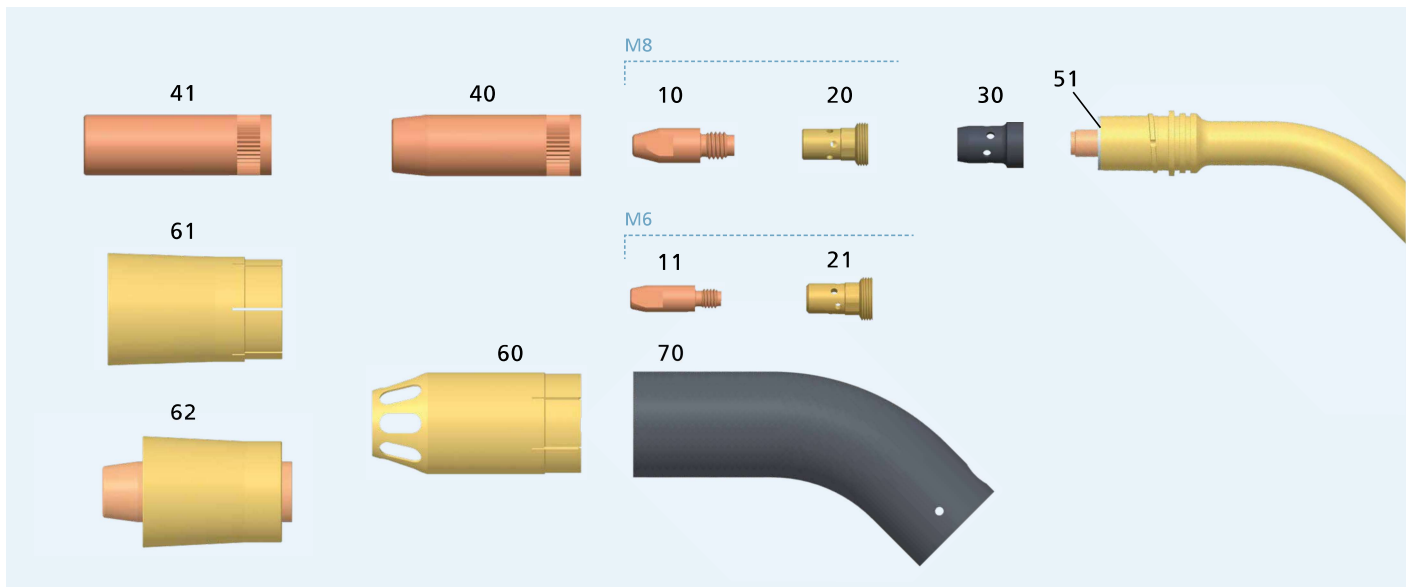
Cooling method	gas cooled
Wire diameter	1.0 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

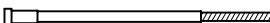
Model	Rating [A] at 60% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 7G E3	310	340	50	1.84	266P3E23_0*	266P101004
TBi 7G E3-E with Extract module	310	340	50	1.84	266PEE23_0*	266P101004

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, red (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M8x30, ECu	50	340P__1262*
	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	for contact tip M8	50
20		for contact tip M8, 4 mm longer version	50	342P008133
—		for contact tip M8, CuCrZr	10	342P008171
21		for contact tip M6	50	342P006033
21		for contact tip M6, 4 mm longer version	50	342P006133
Gas diffusor	▶ 30	Thermoset, black	50	130P002026
	—	Ceramic	10	130P002019
Gas nozzles	▶ 40	NW 16 mm, conical, L= 75.5 mm	5	345P022171
	41	NW 19 mm, cylindrical, L= 75.5 mm	5	345P021171
Spare parts	51	Insulating washer	10	130P002004
Fume shroud	▶ 60	for TBi 7G E3	1	200P002043
	61	for TBi 7G E3, funnel fume shroud, pluggable	1	200P002045
	62	for TBi 7G E3, with integrated gas nozzle, NW 16 mm	1	200P101006
Outer tube	70	for TBi 7G E3	1	234P102035

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire	1.0 - 1.2	red	▶ 324P204534	▶ 324P204544	▶ 324P204554
	1.2 - 1.6	yellow	324P254534	324P254544	324P254554
PTFE liner with bronze liner for alu- and stainless steel wire	1.0 - 1.2	red	326P20403A	326P20404A	326P20405A
	1.2 - 1.6	yellow	326P27473A	326P27474A	326P27475A
PA liners with bronze liner for aluminium wire	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.





Technical data

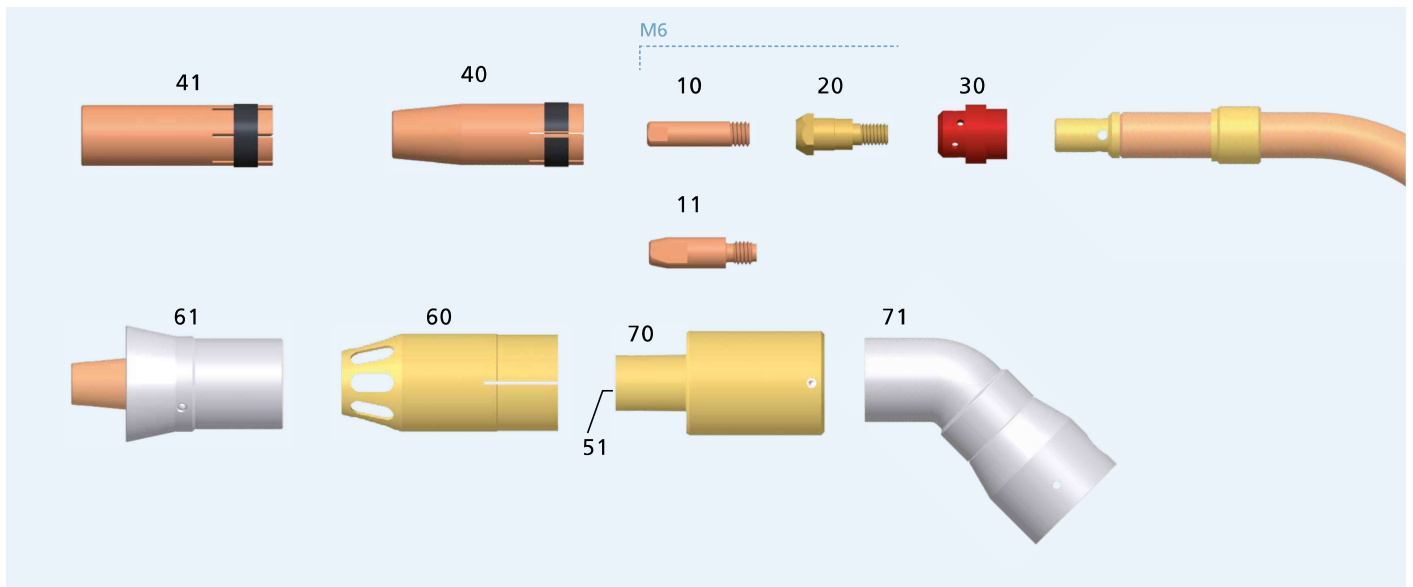
Cooling method	water cooled
Wire diameter	0.8 - 1.2 mm
Gas flow	14 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

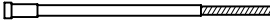
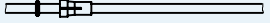
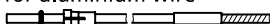
Model	Rating [A] at 100% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 241 E3	270	300	40	1.73	223P4X15_0*	223P001016
TBi 241 E3-E with Extract module	270	300	40	1.73	223PEX15_0*	223P001016

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, not insul. (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M6x25, ECu	50	340P__1073*
	10	M6x25, CuCrZr	50	340P__3073*
	10	M6x25, Alu, ECu	50	341P__1073*
	11	M6x28, ECu	50	340P__1069*
	11	M6x28, CuCrZr	50	340P__3069*
	11	M6x28, Alu, ECu	50	341P__1069*
Tip holder	▶ 20	for contact tip M6	50	342P006012
Gas diffuser	▶ 30	Rubber, red	50	112P002019
	—	Thermoset, black	50	112P002024
	—	Ceramic	10	112P002021
Gas nozzles	▶ 40	NW 12.5 mm, conical, L= 63.5 mm	10	345P012012
	41	NW 17 mm, cylindrical, L= 63.5 mm	10	345P011012
Spare parts	51	Insulating sleeve	2	223P002008
Fume shroud	60	for TBi 241 E3	1	212P001001
	61	for TBi 241 E3, with integrated gas nozzle, NW 12.5 mm	1	200P101007
Nozzle support	70	for TBi 241 E3	1	223P001013
Outer tube	71	for TBi 241 E3	1	223P001010

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	0.8 - 1.0	blue	324P154534	324P154544	324P154554
	1.0 - 1.2	not insul.	▶ 322P204534	▶ 322P204544	▶ 322P204554
PTFE liners for aluminium and stainless steel wire 	0.8 - 1.0	blue	326P154035	326P154045	326P154055
	1.0 - 1.2	red	326P204035	326P204045	326P204055
PA liners with bronze liner for aluminium wire 	0.8 - 1.0	anthracite	328P20403A	328P20404A	328P20405A

▶ = Standard equipment

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





Technical data

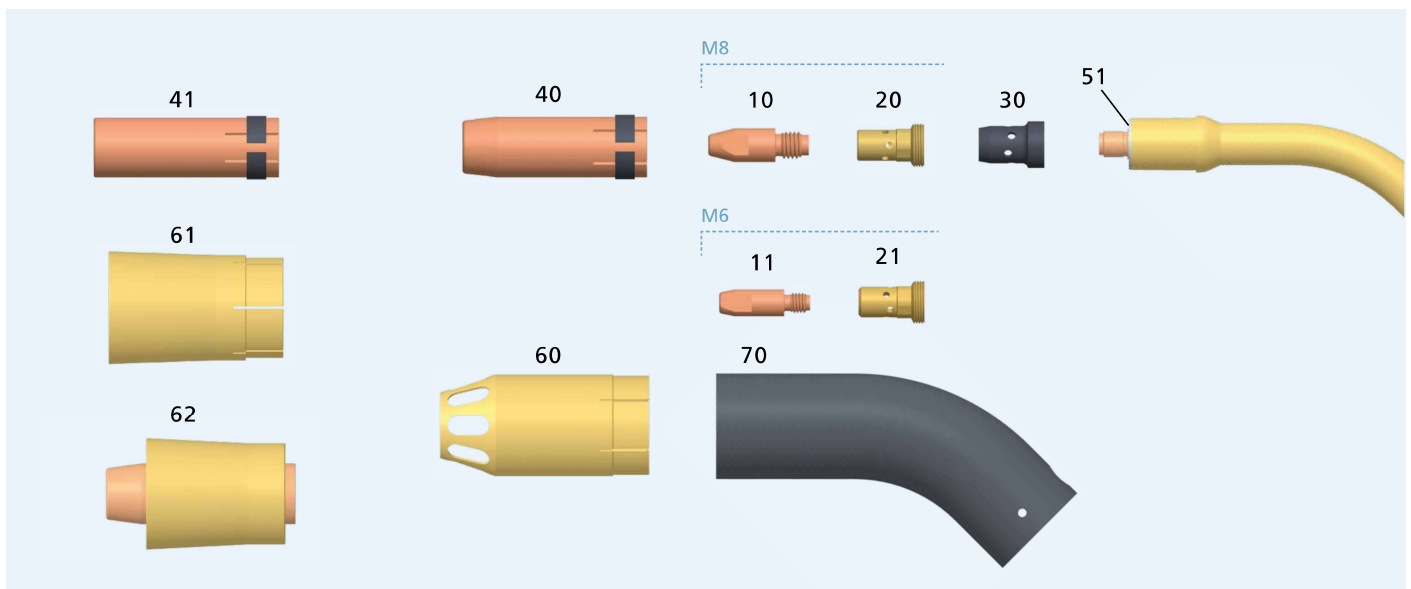
Cooling method	water cooled
Wire diameter	1.0 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

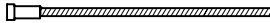
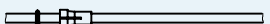
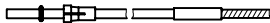
Model	Rating [A] at 100% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 511 E3	450	450	50	1.70	234P4X15_0*	234P001036
TBi 511 E3-E with Extract module	450	450	50	1.70	234PEX15_0*	234P001036

Supplied equipped for steel wire Ø 1.2 mm. Wire guide, not insul. (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M8x30, ECu	50	340P__1262*
	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	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	Thermoset, black	50	130P002026
	—	Ceramic	10	130P002019
Gas nozzles	▶ 40	NW 16 mm, conical, L= 75.5 mm	10	345P012030
	41	NW 20 mm, cylindrical, L= 75.5 mm	10	345P011030
Spare parts	51	Insulating washer	10	130P002004
Fume shroud	▶ 60	for TBi 511 E3	1	200P002043
	61	for TBi 511 E3, funnel fume shroud, pluggable	1	200P002045
	62	for TBi 511 E3, with integrated gas nozzle, NW 16 mm	1	200P101005
Outer tube	70	for TBi 511 E3	1	234P102035

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	1.0 - 1.2	not insul.	▶ 322P204534	▶ 322P204544	▶ 322P204554
	1.2 - 1.6	not insul.	322P254534	322P254544	322P254554
PTFE liners for aluminium 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 wire 	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.





Technical data

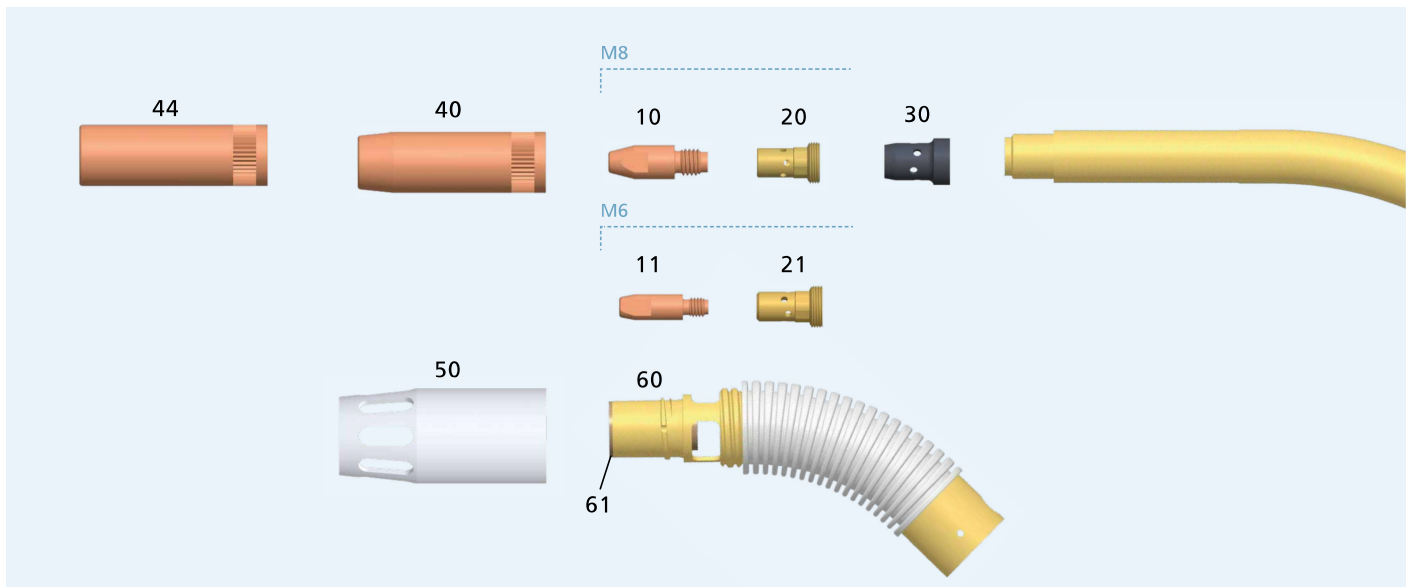
Cooling method	water cooled
Wire diameter	1.0 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches

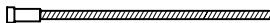

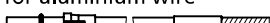
Model	Rating [A] at 100% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 7W E2	400	400	40	0.60	274P4X25_0*	274P101011

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, not insul. (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M8x30, ECu	50	340P__1262*
	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	for contact tip M8	50	342P008033
	20	for contact tip M8, 4 mm longer version	50	342P008133
	—	for contact tip M8, CuCrZr	10	342P008171
	21	for contact tip M6	50	342P006033
	21	for contact tip M6, 4 mm longer version	50	342P006133
Gas diffuser	▶ 30	Thermoset, black	50	130P002026
	—	Ceramic	10	130P002019
Gas nozzles	▶ 40	NW 16 mm, conical, L= 75.5 mm	5	345P022171
	41	NW 19 mm, cylindrical, L= 75.5 mm	5	345P021171
Fume shroud	50	for TBi 7W E2	1	274P102040
Outer tube	60	for TBi 7W E2	1	274P101012
	61	Insulating sleeve	5	274P102022

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	1.0 - 1.2	not insul.	▶ 322P204534	▶ 322P204544	▶ 322P204554
	1.2 - 1.6	not insul.	322P254534	322P254544	322P254554
PTFE liners for aluminium 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 wire 	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.





Technical data

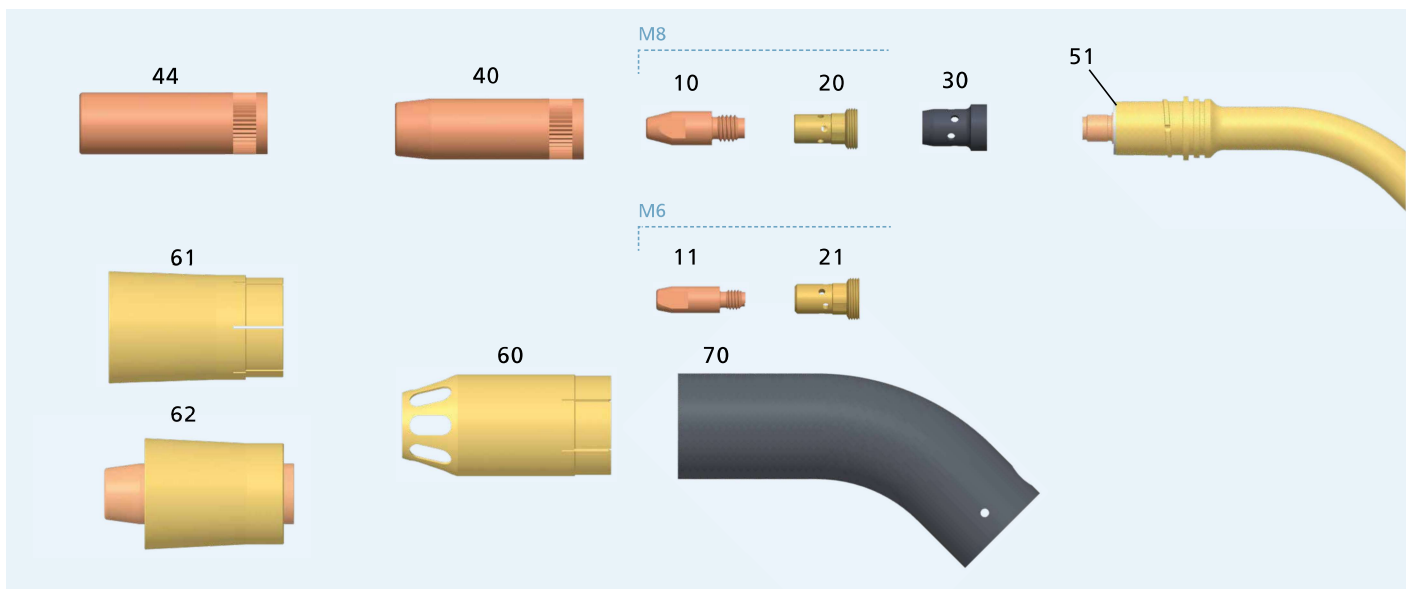
Cooling method	water cooled
Wire diameter	1.0 - 1.6 mm
Gas flow	16 l/min
Technical specification	according to IEC 60974-7

Ordering information for torches


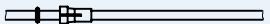
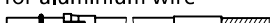
Model	Rating [A] at 100% duty cycle (10 min. cycle)		Extraction rate Nm ³ / h	Differential pressure Pa	Torch with Euro connector	Torch neck
	Mixed gas (M21)	CO ₂				
TBi 7W E3	350	350	55	2.40	274P4E25_0*	274P101013
TBi 7W E3-E with Extract module	350	350	55	2.40	274PEE25_0*	274P101013

Supplied equipped for steel wire Ø 1.0 mm. Wire guide, not insul. (Ø 1.0 - 1.2 mm).

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



	Pos.	Description	PU	Part No.
Contact tips	▶ 10	M8x30, ECu	50	340P__1262*
	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	for contact tip M8	50	342P008033
	20	for contact tip M8, CuCrZr	10	342P008171
	20	for contact tip M8, 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 diffuser	▶ 30	Thermoset, black	50	130P002026
	—	Ceramic	10	130P002019
Gas nozzles	▶ 40	NW 16 mm, conical, L= 75.5 mm	5	345P022171
	44	NW 19 mm, cylindrical, L= 75.5 mm	5	345P021171
Spare parts set	51	Insulating washer	10	130P002004
Fume shroud	▶ 60	for TBi 7W E3	1	200P002043
	61	for TBi 7W E3, funnel fume shroud, pluggable	1	200P002045
	62	for TBi 7W E3, with integrated gas nozzle, NW 16 mm	1	200P101006
Outer tube	70	for TBi 7W E3	1	234P102035

Wire guides	Ø	Colour	3 m	4 m	5 m
Liners for steel wire 	1.0 - 1.2	not insul.	▶ 322P204534	▶ 322P204544	▶ 322P204554
	1.2 - 1.6	not insul.	322P254534	322P254544	322P254554
PTFE liners for aluminium 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 wire 	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.



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