



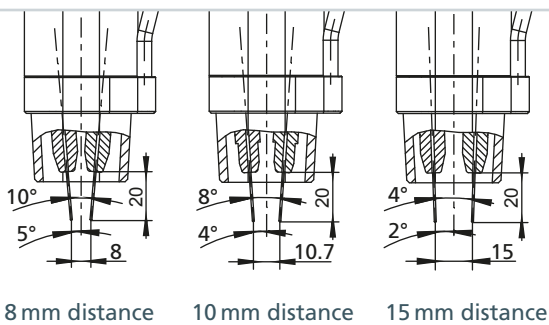
TBi TD 20/22F-V2 MIG/MAG Tandem Welding Torch

Efficient 3-circuit water cooling system

Attractively priced consumables

High TCP precision

Distance between wire electrodes



Technical data

Tandem welding torch TBi TD 20/22F-V2

Rating at 100% duty cycle (10 min. cycle)	2 x 550 A
- Mixed gas:	
Cooling method	3-circuit water cooling
Wire diameter	0.8 – 1.6 mm
Gas flow	30 l/min
Blow-out function	max. 10 bar, protective gas channel separated by check valve
Weight (without cables)	approx. 1.8 kg
Technical specification	according to IEC 60974-7

Torch rating will be reduced when using pulsed-arc power sources. For heavy-duty use of the torch, it is highly recommended to use 3 separate water coolers, or a refrigerator unit.

Ordering information (complete torches)

Standard parts for wire diameter 1.2 mm are included.
If other parts are needed, please order additionally.

8 mm distance between wire electrodes
10 mm distance between wire electrodes
15 mm distance between wire electrodes

Connection Euro, 0° bent

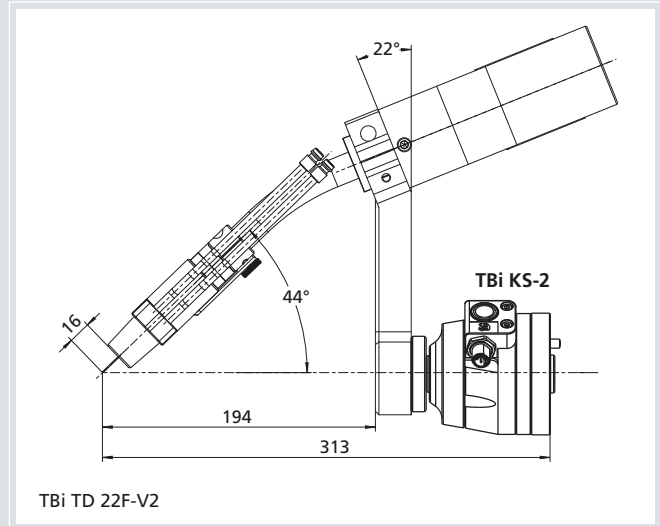
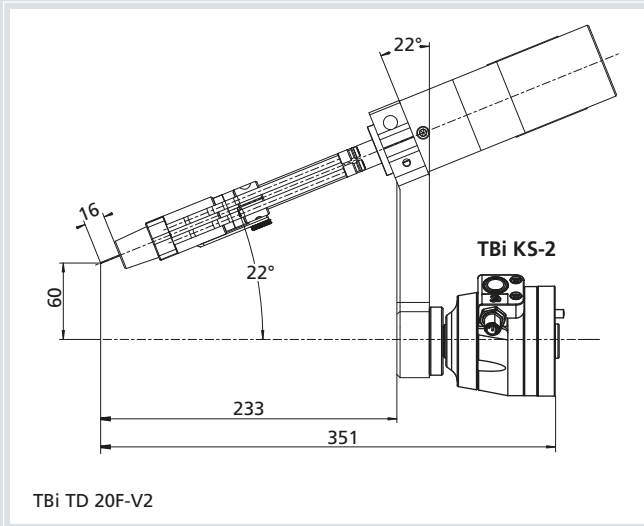
TBi TD 20F8-V2 - 042P5805__*
TBi TD 20F10-V2 - 042P3805__*
TBi TD 20F15-V2 - 042P7805__*

Connection Euro, 22° bent

TBi TD 22F8-V2 - 042P6805__*
TBi TD 22F10-V2 - 042P4805__*
TBi TD 22F15-V2 - 042P8805__*

* At the blank, please insert the required cable length in decimeters, e.g. 12 for 1.2 m length.

Torch mounts



Torch mount 22° bent, incl. screws

536P101700

TBI KS-2-TD Safety-off mechanism complete

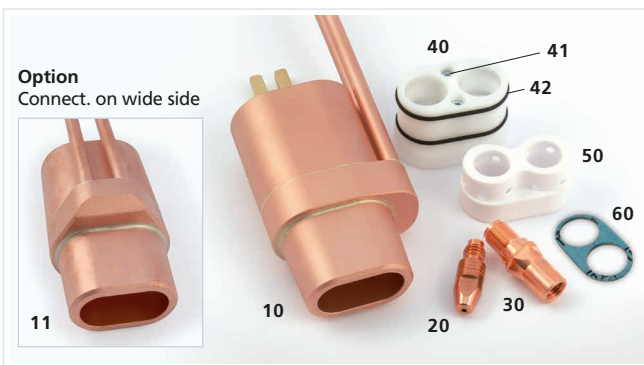
536P001012

TBI KS-2 extension flange

536P001008

The extension flange increases the length of the KS-2 by 21 mm, in order to reach the same length as KS-1 or FL-1.

Consumables



Pos. Description

Part. No.

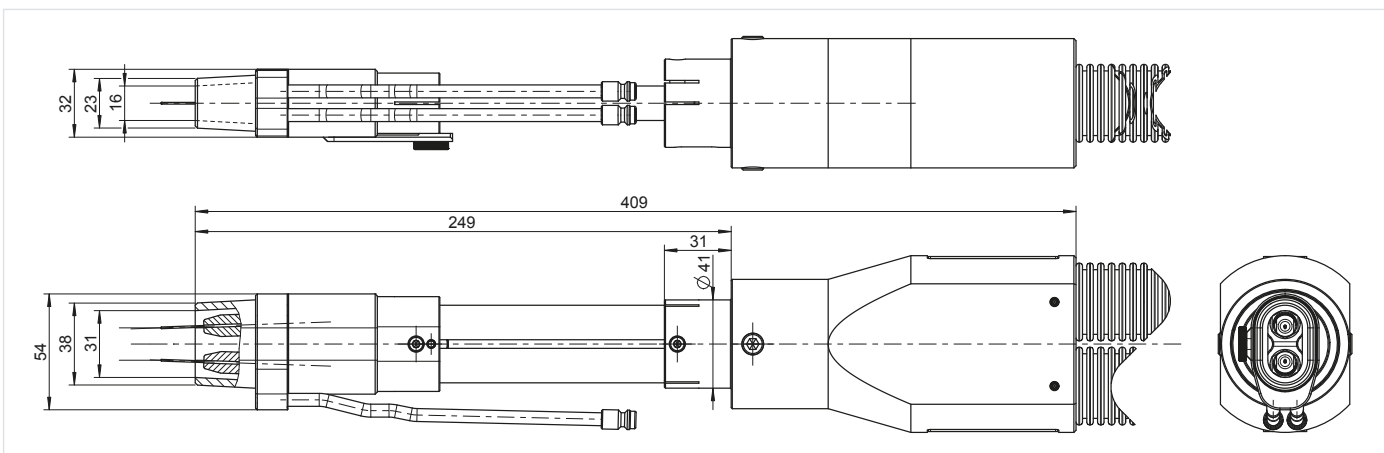
Consumables and spare parts

Pos.	Description	Part. No.
▶ 10	Gas nozzle, NW 23x38, connect. narrow side	042P101033
11	Gas nozzle, NW 23x38, connection on wide side	042P101039
20	Contact tip M8x30, CuCrZr	343P_3262*
30	Tip holder M8, L=34, CuCrZr	342P008042
40	Insulator for gas nozzle**	042P102113
41	Cylinder head screw M3x22	109P091248
42	O-ring 30.00x2.00	365P020030
50	Spatter Protector ceramic for F8	346P014442
50	Spatter Protector for F10, F15	346P014342
60	Insulating washer	042P102110

Wire Guides

-	Liner w/ insulation blue, 3.4 m, for wire 0.8-1.0	324PB00234
▶ -	Liner w/ insulation red, 3.4 m, for wire 1.0-1.2	324PC00234
-	Liner w/ insulation yellow, 3.4 m, for wire 1.2-1.6	324PD00234

Dimensions



▶ = Standard equipment

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

** Delivery without O-Ring and Cylinder head screw.

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