

## TBi RT 20 TIG Robot welding torch



### Advantages

- Very small torch head with high performance
- Very good accessibility due to compact design

### Technical data

#### TBi RT 20 TIG Robot welding torch

Rating / Duty cycle 100%  
(10 min. cycle)

- AC	240 A
- DC	340 A
Electrode diameter	0.5 - 3.2 mm
Cooling method	water cooled
Technical specification	according to IEC 60974-7

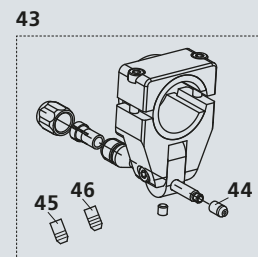
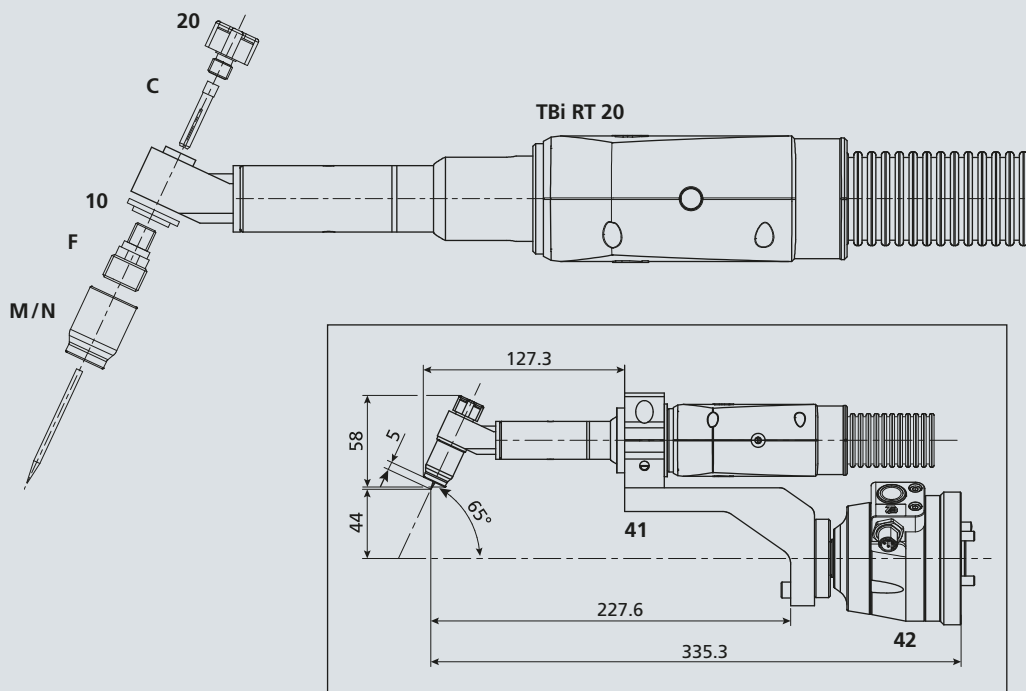
### Ordering information

Part numbers will be provided on request, based on your specific configuration.

### Accessories

#### Cold wire guide:


The torch can easily be equipped with an adjustable cold wire guide, therefore allowing full adaptation to the welding task at hand.




Pos.	Description	Part no.	Pos.	Description	Part no.
<b>Spare parts</b>			<b>Accessories</b>		
10	Insulator	472P102003	41	Torch mount Z-shape	536P101906
20	Back cap, std.	401P200100	42	TBi KS-2-TIG Safety-off mechanism	536P001011
			43	Cold wire guide, cpl., 0.8 - 1.2 mm	481P101026
			44	Guide nozzle, 0.8 mm (1 groove)	481P102067
			45	Guide nozzle, 1.0 mm (2 grooves)	481P102018
			46	Guide nozzle, 1.2 mm (3 grooves)	481P102068
			47	Guide nozzle, 1.4 - 1.6 mm (4 grooves)	481P102019

	Ø 0.5 mm Ø 0.020"	Ø 1.0 mm Ø 0.040"	Ø 1.6 mm Ø 1/16"	Ø 2.0 mm	Ø 2.4 mm Ø 3/32"	Ø 3.2 mm
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#### Collets



		13N20 401P200599	13N21 401P200600	13N22 401P200601	- 401P200604	13N23 401P200602	401P200603
	C Standard, L=25.4 mm						

#### Gas lenses

		-	45V42 401P201300	45V43 401P201301	-	45V44 401P201302	- 401P201303
	F Standard, L=21.5 mm						

	No. 4 Ø 6.5 mm Ø 1/4"	No. 5 Ø 8.0 mm Ø 5/16"	No. 6 Ø 9.5 mm Ø 3/8"	No. 7 Ø 11 mm Ø 7/16"	No. 8 Ø 12.5 mm Ø 1/2"	No. 10 Ø 16 mm Ø 5/8"
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#### Ceramic nozzles

	M Gas lens, L=25.5 mm	53N58 401P201400	53N59 401P201401	53N60 401P201402	53N61 401P201403	53N61S 401P201404	- 401P201409
	N Gas lens, L=35.0 mm	-	53N59L 401P201405	53N60L 401P201406	53N61L 401P201407	-	- 401P201410