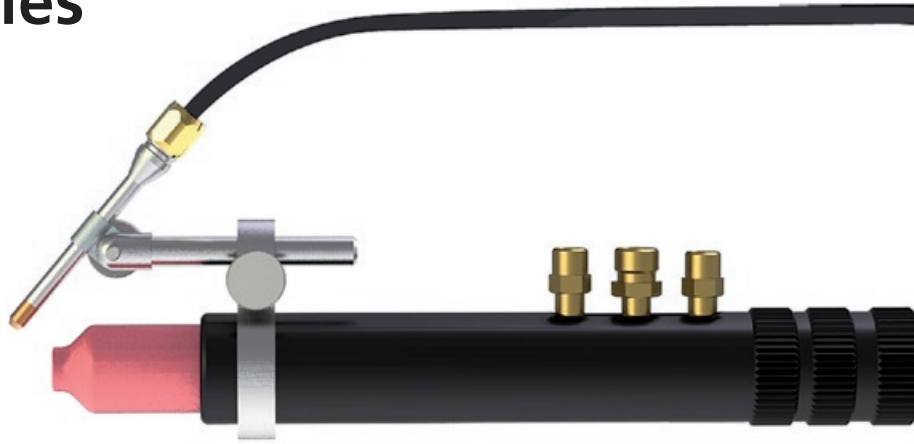




TBi AT 410 / 410S TIG Machine torch

The perfect tool for mass production

By quickly exchanging the preconfigured electrode holder, the downtime of the equipment can be drastically reduced. Gas lens and collet are attached to the electrode holder and can be easily replaced even if the torch is difficult to reach.

The electrode can be precisely positioned by means of the optional setup tool.

S-version: The electrode can be lowered even during operation of the torch by turning the upper knob.

Technical Data

TBi AT 410 / 410S TIG Machine torch

Rating / Duty cycle (10 min. cycle)

- AC	280 A / 100%
- DC	400 A / 100%

Cooling method water cooled

Elektrode diameter 1.6 - 4.8 mm

Elektrode adjustment Electrode can be lowered manually during welding (AT 410S only)

Technical specification according to IEC 60974-7

Ordering information

Machine connection

Length

AT 410

AT 410S

AT 410

AT 410S

- with cold wire guide -

M12x1 (Standard)

4.0 m

491P417004

491P427004

*

*

8.0 m

491P417008

491P427008

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*

G3/8"

4.0 m

491P417034

491P427034

*

*

8.0 m

491P417038

491P427038

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TSB 3550

4.0 m

491P417074

491P427074

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8.0 m

491P417078

491P427078

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ESAB

4.0 m

491P843024

491P843014

*

*

8.0 m

491P843028

491P843018

*

*

Euro WZ-0
(suitable for Tbi PF 16)

4.0 m

491P417054

491P427054

495P417054

495P427054

8.0 m

491P417058

491P427058

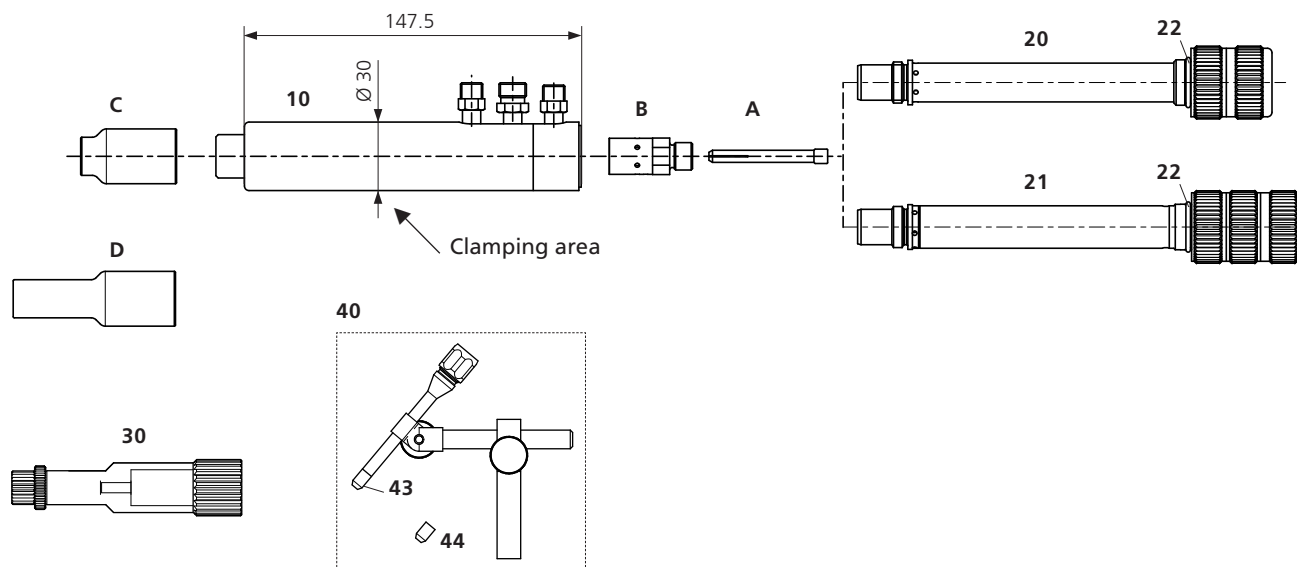
495P417058

495P427058

* on request

The torch is supplied without consumables and setup tool, please order separately as needed. For other lengths and connections, please contact our sales team.

Overview



Pos. Description

Part No.

Spare parts

10	AT 410 (S) Torch body	491P400005
20	Electrode holder cpl. AT 410	491P400006
21	Electrode holder cpl. AT 410S	491P400007
22	O-ring for electrode holder	365P200180

Pos. Description

Part No.

Accessories

30	Setup tool for electrode	491P101020
40	Cold wire guide cpl.	481P101025
43	Guide nozzle, 0.8-1.0 mm	481P102018
44	Guide nozzle, 1.2-1.6 mm	481P102019

Consumables

		Ø 1.6 mm Ø 1/16"	Ø 2.4 mm Ø 3/32"	Ø 3.2 mm Ø 1/8"	Ø 4.0 mm Ø 5/32"	Ø 4.8 mm Ø 3/16"
A	Collet L=52 mm	401P410501	401P410502	401P410503	401P410504	401P400506
B	Gas lens	491P391301	491P391302	491P391303	491P391304	401P410305

		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. 12 Ø 19 mm Ø 3/4"
C	Ceramic gas nozzle Standard, L = 42 mm	54N18 401P222200	54N17 401P222201	54N16 401P222202	54N15 401P222203	54N14 401P222204	54N19 401P222206
D	Ceramic gas nozzle Long L = 76 mm	54N18 L 401P222211	54N17 L 401P222207	54N16 L 401P222208	54N15 L 401P222209	54N14 L 401P222210	—

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