

### 6.3 Jentro Tool VT 20I 16 - 32 mm



## Jentro VT 20I

Kit equipped with:

clamping pliers + ratchet  
(L+R)

expander pliers

clamping heads  
16 - 20 - 25 - 32 mm

expanders  
16 - 20 - 25 - 32 mm PEX

expanders  
16 - 20 - 25 - 32 mm  
STABIL

**Jentro**<sup>®</sup> 

subject to modifications

**6.3.1 Fitting a compression sleeve joint with Jentro Tool VT 201.**



▲ Fig. 18: Cut the pipe to the requested length. Caution! Always cut the pipe in a square cut!



▲ Fig. 19: When expanding a STABIL pipe cut off slantwise, the aluminium coat can burst. This must absolutely be avoided!



▲ Fig. 20: Cut the bad part completely away in a square angle and start over!



▲ Fig. 21: Push the compression sleeve over the pipe. The inside chamfer has to point to the end of the pipe.



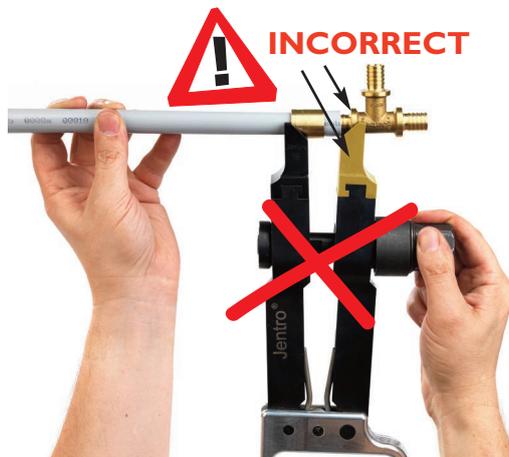
▲ Fig. 22: Widen the pipe twice (first turn by 30°). The compression sleeve must not be over the section to be widened.



▲ Fig. 23: Push the fitting into the pipe. After a short period of time, the fitting has a tight fit in the pipe.



▲ Fig. 24: Caution: the clamping head behind the sleeve has a yellow chromed colour; use behind the flange edge the head with black colour!



▲ Fig. 25: The yellow clamping head has here been mounted incorrectly.



▲ Fig. 26: The yellow clamping head has a special shape on the inner side and it should always be pressed against the sleeve!



▲ Fig. 27: Use the tool to push the compression sleeve right up to the fitting collar.



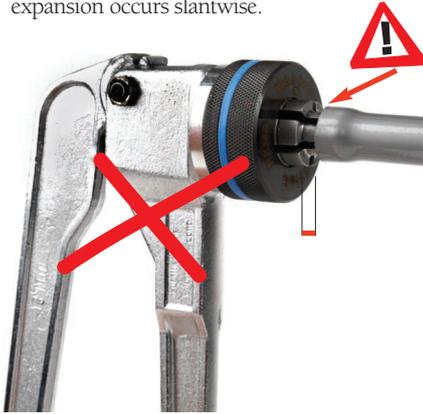
▲ Fig. 28: Turn the clamping jaws open again.



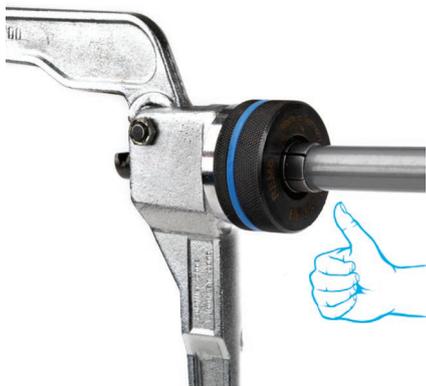
▲ Fig. 28-2: Compression joint ready, sleeve against the flange edge.

### 6.3.2 Special points for expanding and compressing the pipe.

Push the pipe completely against the expander and make sure that the pipe is straight on the expander. Otherwise, expansion occurs slantwise.



▲ Fig. 29: Pipe **NOT** until end of expander.



▲ Fig. 30: Pipe until end of expander.

STABIL pipe is much more sensible for a bad expansion. When the pipe is cut slantwise, it will not be expanded over the entire circumference with the same force. This can result in rupture of the aluminium coat.



▲ Fig. 31: Pipe cut slantwise.



▲ Fig. 32: Pipe cut straight.

Expanding pipes is easier when the cone of the expander is 'lightly greased' at regular times. Do not use too much grease, because then the inner side of the pipe can become contaminated.



▲ Fig. 33: Expand PEX pipe.



▲ Fig. 34: Expand STABIL pipe.

The clamping pliers have 2 different clamping heads for each diameter. Place the yellow head always **behind** the sleeve. Mount the black clamping head always behind the flange side of the fitting.



▲ Fig. 35: Clamping head black. Can be used for tool VT 201 and SB 204.



▲ Fig. 36: Clamping head yellow. Can only be used for VT 201.



▲ Fig. 37: Black clamping head placed incorrectly.



▲ Fig. 38: Black clamping head placed correctly.



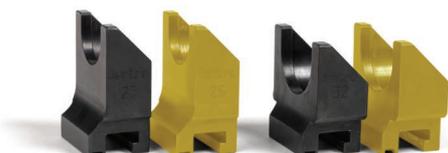
▲ Fig. 39: Sleeve right up to the collar. Stop compressing!

### 6.3.3 Jentro ToolVT 201 • 16 - 32 mm : article numbers



Art. no.: 15000

- Basic kit composed of:
- metal case with
  - Preformed foam insert.
  - Mechanical clamping pliers.
  - Ratchet wrench (left/right)



#### Clamping heads:

Art. no.: 15001	16 mm colour black
Art. no.: 15011	16 mm colour yellow
Art. no.: 15002	20 mm colour black
Art. no.: 15022	20 mm colour yellow
Art. no.: 15003	25 mm colour black
Art. no.: 15033	25 mm colour yellow
Art. no.: 15004	32 mm colour black
Art. no.: 15044	32 mm colour yellow



#### Expander pliers

Art. no.: 13014	For expanding pipes 16 to 32 mm
-----------------	------------------------------------



#### Expanders for PEX pipe with blue marking

Art. no.: 13010	16 x 2,2 mm
Art. no.: 13011	20 x 2,8 mm
Art. no.: 13012	25 x 3,5 mm
Art. no.: 13013	32 x 4,4 mm



#### Expanders for STABIL pipe with green marking

Art. no.: 13110	16,2 x 2,6 mm
Art. no.: 13111	20 x 2,9 mm
Art. no.: 13112	25 x 3,7 mm
Art. no.: 13113	32 x 4,7 mm

