

Flat tip → TT 13 - TT 25

For use with HD 2000 / HD 2000.2 / HD 3000

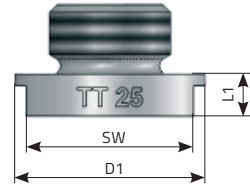
Order no. TT 13 - 497 / TT 13 FZ - 496
TT 19 - 491 / TT 25 - 532



The flat tip is made of high grade titanium alloy TiAl6V4 (3.7165). It is used to expose medium sized volumes to ultrasound.

The titanium flat tip TT 13 FZ is used for sonication in flow-thru processes together with flow-thru-horns (FZ 5 G / FZ 7 G).

	TT13	TT 13 FZ	TT 19	TT 25
HD 2070	x	x		
HD 2070.2	x	x		
HD 2200	x	x	x	x
HD 2200.2	x	x	x	x
HD 3100	x	x		
HD 3200	x	x	x	x



Supply

- 1 titanium flat tip with threaded bolt
- 1 spanner SW 10 (only with TT 13 and TT 13 FZ)

	TT 13	TT 13 FZ	TT 19	TT 25
L1* [mm]	5	5	6	5,5
D1 [mm]	13	13	19	25
D2 [mm]	-	1,5	-	-
SW	10	10	15	22
Torque [Nm]	30	30	50	50

Assembly

The flat tip is to be screwed tightly onto standard or booster horn.
Use sickle spanner and spanner.

The mating surfaces of the titanium flat tip and the booster horn must be absolutely clean.

* Flat tips are tuned to their working frequency. Lengths may vary slightly due to variations in titanium material.