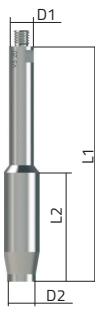
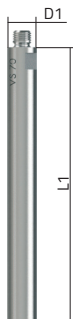
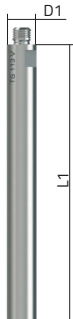
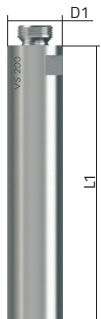


Probe extensions



The probe extensions are used to bridge distances when taller vessels are used. They are mounted between the standard / booster horn and the probe or flat tip. The connection of micro or tapered tips is not permitted. The VS 20 is directly mounted onto ultrasonic converter UW mini20.

The probe extensions are tuned to the corresponding operating frequency. The lengths given may deviate slightly due to material tolerances in the titanium alloy.

Description	VS 20	VS 70	TS 113 V	VS 200
Order No.	3655	500	3666	415
Figure				
Length L1 [mm]	95	124	125	127
Length L2 [mm]	47	–	–	–
Diameter D1 [mm]	9.5	13	13	25
Diameter D2 [mm]	11	–	–	–
Torque [Nm]	28.5	25	25	50
Use with HD...	mini20	2070.2/3100 2200.2/3200	4100 4200	2200.2/3200 3400
Compatible with	UW mini20	SH 70 G SH 213 G	SH 100 G SH 200 G	SH 225 G SH 3425
Connectable	MS 1.5/2.0/2.5	VS 70 T TT 13	T5 113 TT 13	VS 200 T TT 25
Spanner width	SW 8	SW 10		SW 22
Material	TiAl6V4 (3.7165)			
Accessories kit	–			

Probe extensions



Mounting

In order to mount the extension between the suitable standard / booster horn and the probe, the appropriate spanner and the prescribed torque (when using a torque wrench) are to be used. Detailed instructions on correct mounting can be found in the accompanying SONOPULS instructions for use.

Note

In order to attain optimal operation and a long life span, the mating surfaces of the standard / booster horn, the probe extension and the probe or titanium flat tip must be clean and free of damage.