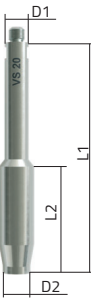






Probe extensions

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

Probe extensions

Description	VS 200	TS 425 V
Order No.	415	3667
Figure		
Length L1 [mm]	127	126
Length L2 [mm]	-	-
Diameter D1 [mm]	25	25
Diameter D2 [mm]	-	-
Torque [Nm]	50	50
Use with HD...	2200.2/3200 / 3400	4400
Compatible with	SH 225 G SH 3425	SH 400 G
Connectable	VS 200 T TT 25	TS 425 TS 425 L
Spanner width	SW 22	SW 22
Material	TiAl6V4 (3.7165)	

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.