

**Threaded Thermowell with Fixing Screw YPTS**

THERMOWELL WITH FIXING SCREW YPTSx Sheath - stainless steel (see Appendix - Sheath materials) Application - with temperature gauges and TS probes	DIMENSIONS *									
	FORM	E	SW	N [mm]	D1 [mm]	K1 [mm]	d1 [mm]	d [mm]	F1 [mm]	
<p><b>BORED DESIGN (B)</b></p> <p><b>Maximum probe length:</b> n = U1-2 <b>Maximum pressure:</b> 100 bar</p> <p>Manufactured from solid HEX or round bar</p>	1 **	M20x1.5; G1/2"	27	14.5 ****	26	15	7 / 9 / 11	6 / 8 / 10	13 / 15 / 17	
		1/2" NPT			-	≈ 20				
	2 ***	M20x1.5; G1/2"	22	d1	-	15				
		1/2" NPT			-	≈ 20				
<p><b>WELDED DESIGN (W)</b></p> <p><b>Maximum probe length:</b> n = U1+4 <b>Maximum pressure:</b> 25 bar</p>	1 **	M16x1.5; G3/8"	22	14.5 ****	21	13	6 / 8 / 9(10)	5 / 6 / 8	8 / 10 / 12	
		3/8" NPT			-	15				
		M18x1.5			24	23				13
	2 ***	M20x1.5; G1/2"	27	d1	1	26	15	6 / 8 / 9(10) / 11	5 / 6 / 8 / 10	8 / 10 / 12 / 14
		1/2" NPT				-	≈ 20			
		M16x1.5; G3/8"				19	13			
	3/8" NPT	15								
	2 ***	M18x1.5	22	d1	1	13	6 / 8 / 9(10) / 11	5 / 6 / 8 / 10	8 / 10 / 12 / 14	
		M20x1.5; G1/2"				15				
		1/2" NPT				≈ 20				
<p><b>Free probe length:</b> n ≥ U1+13 <b>Fixing screw:</b> M4, stainless steel <b>Maximum temperature:</b> 450 °C</p> <p>* Other dimensions are available on request. Please contact COMECO!</p> <p>** for temperature gauges *** for TS probes **** gauge neck + 0.5 mm</p>										

**Ordering code YPTS\* - G4.G6.G9.G10**

Code	Feature or option	Code values
*	Design	<b>B1</b> - bored, FORM1, <b>B2</b> - bored, FORM2, <b>W1</b> - welded, FORM1, <b>W2</b> - welded, FORM2
<b>G4</b>	Probe diameter 'd' [mm]	<b>5, 6, 8, 10</b>
<b>G6</b>	Length 'U1' [mm]	<b>30...300</b> (see table above)
<b>G9</b>	Connection thread 'E' <sup>(1)</sup>	<b>X</b> - none <sup>(2)</sup> , <b>Q0</b> - M16x1.5, <b>Q1</b> - M18x1.5, <b>Q2</b> - M20x1.5, <b>Q3</b> - G3/8", <b>Q4</b> - G1/2", <b>Q9</b> - 3/8" NPT, <b>Q10</b> - 1/2" NPT, <b>Z</b> - other (specify!)
<b>G10</b>	Material	<b>M1</b> - 1.4301, <b>M2</b> - 1.4541 <sup>(2)</sup> , <b>M3</b> - 1.4571 <sup>(2)</sup> , <b>M9</b> - 1.4404 or 1.4435, <b>Z</b> - other (specify!) <sup>(2)</sup>

<sup>(1)</sup> Applicable for the selected probe diameter  
<sup>(2)</sup> Contact COMECO!