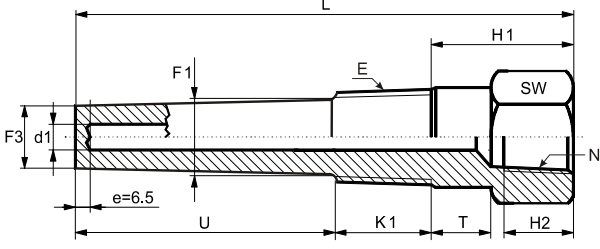


Threaded Tapered Thermowell YPTT

THREADED TAPERED THERMOWELL YPTT Material - stainless steel (see Appendix - Sheath materials) Application - with temperature gauges and TS probes	DIMENSIONS *								
	E	SW	K1	N	H2 [mm]	H1 [mm]	d1 [mm]	F3 [mm]	F1 [mm]
 <p>manufactured from solid HEX or round bar</p> <p>$L = U + K1 + H1$</p> <p>fillet radius at root: 1...3 mm</p> <p>tapered part of U: max. 300 mm from bottom</p>	M20x1.5; G1/2"	27 (24)	14	M14x1.5; G3/8"	15	20 + T	4 / 5.5	14	≈ 18
				M18x1.5	20	25 + T	7		
				M20x1.5; G1/2"	20	25 + T	7		
	M27x2; G3/4"	32	16	M14x1.5; G3/8"	15	20 + T	4 / 5.5	14	≈ 24
				M18x1.5	20	25 + T	7 / 9		
				M20x1.5; G1/2"	20	25 + T	7 / 9		
	M33x2; G1"	36	18	M27x2; G3/4"	25	30 + T	7 / 9	17 / 19	≈ 30
				M14x1.5; G3/8"	15	20 + T	4 / 5.5		
				M18x1.5	20	25 + T	7 / 9		
				M20x1.5; G1/2"	20	25 + T	7 / 9		
	1/2" NPT	27 (24)	25	3/8" NPT	15	20 + T	4 / 5.5	13	≈ 17
				1/2" NPT	20	25 + T	7		
	3/4" NPT	32 (27)	25	3/8" NPT	15	20 + T	4 / 5.5	13	≈ 23
				1/2" NPT	20	25 + T	7 / 9		
				3/4" NPT	25	30 + T	7 / 9		
	1" NPT	36	25	3/8" NPT	15	20 + T	4 / 5.5	16	≈ 27
				1/2" NPT	20	25 + T	7 / 9		
				3/4" NPT	25	30 + T	7 / 9		
				1" NPT	30	35 + T	7 / 9 / 11		
	Probe diameter: $d \leq d1 - 1$ Probe thread: $G = N$ Probe length (incl. thread): fixed: $n = 0.98 * L - e$ spring-loaded: $n \approx L - e + 1$ (DIN) or $n \approx L$ (NPT) Maximum temperature: 850 °C Maximum pressure: 160 bar							INSERTION LENGTH	
							d1 [mm]	U [mm]	
							< 7	max. 300	
							7...9	max. 700	
							11	max. 1000	
* Other dimensions are available on request. Please contact COMECO!									

Ordering code YPTT - G4.G6.G7.G9'G9".G10

Code	Feature or option	Code values
G4	Probe diameter 'd' [mm]	3, 4.5, 5, 6, 8, 10
G6	Shank length 'U' [mm]	50...1000* (see table above) ⁽¹⁾
G7	Extension length 'T' [mm]	0...100
G9'	Connection thread 'E' ⁽¹⁾	X - none ⁽²⁾ , Q2 - M20x1.5, Q4 - G1/2", Q5 - M27x2, Q6 - G3/4", Q10 - 1/2" NPT, Q11 - 3/4" NPT, Q12 - G1", Q15 - 1" NPT, Q25 - M33x2, Z - other (specify!)
G9"	Probe thread 'N' ⁽¹⁾	X - none ⁽²⁾ , U1 - M18x1.5, U2 - M20x1.5, U3 - G3/8", U4 - G1/2", U5 - M27x2, U6 - G3/4", U8 - M14x1.5, U9 - 3/8" NPT, U10 - 1/2" NPT, U11 - 3/4" NPT, U12 - G1", U15 - 1" NPT, U25 - M33x2, Z - other (specify!)
G10	Material	M1 - 1.4301, M2 - 1.4541 ⁽²⁾ , M3 - 1.4571 ⁽²⁾ , M9 - 1.4404 or 1.4435, Z - other (specify!) ⁽²⁾

⁽¹⁾ Applicable for the selected probe diameter 'd'
⁽²⁾ Contact COMECO!

COMECO reserves the right of changing specifications without prior notice!