COMECO CONTROL & MEASUREMENT

Threaded DIN Thermowell YPTD

DIN 43772-2 THERMOWELL	YPTDx	DIMENSIONS *								
Material - stainless steel (see Appendix - Sheath materials) Application - with temperature gauges and TS probes		FORM	E	SW	D1 [mm]	K1 [mm]	N	H1 [mm]	H2(K2) [mm]	d1 [mm]	F1(F2) [mm]

BORED DESIGNS (B6, B7, B9)

FORM 6 / FORM 7 / FORM 9

Maximum pressure: 100 bar

WELDED DESIGNS (W5, W8)

FORM 5 / FORM 8

Maximum pressure: 25 bar (s=1.5) or 40 bar (s=2.5)

FORM	E	SW	D1 [mm]	K1 [mm]	N	H1 [mm]	H2(K2) [mm]	d1 [mm]	F1(F2) [mm]
6	G1/2"	27	26	14	M20x1.5; G1/2"	19	15	7	17
								9 / 11	
								7 / 9	
	G3/4"	32	32	16	M27x2; G3/4"	22	17	7 / 9	19 / 20
								11 / 13	
	G1"	41	39	18	M20x1.5; G1/2"	19	15	7	17
								9 / 11	20 / 22
7	1/2" NPT	27	-	≈ 20	M20x1.5; G1/2"	19	15	7	17
								9 / 11	
	3/4" NPT		-	≈ 21				7 / 9	17
								11	19
	1" NPT	36	-	≈ 25				7	17
								9 / 11	20 / 22
9	G1/2"	27	26	14	M20x1.5; G1/2"	-	12	7	17
								9 / 11	
	G3/4"	32	32	16	M27x2; G3/4"		14	7 / 9	19 / 20
								11 / 13	
5	G1/2"	27	26	14	M20x1.5; G1/2"	19	15	7	12
								9 / 11	14
								7 / 9	12 / 14
	G3/4"	32	32	16	M27x2; G3/4"	22	17	7 / 9	12 / 14
								11 / 13	14 / 16
8	G1/2"	27	26	14	M20x1.5; G1/2"	-	12	7	12
								9 / 11	14
	G3/4"	32	32	16	M27x2; G3/4"		14	7 / 9	12 / 14
								11 / 13	14 / 16

Probe diameter: d ≤ d1 - 1
Probe thread: G = N
Probe length: n = U1+18 (fixed) or n = U1+23 (spring-loaded); + 10 mm (FORM7)
Maximum temperature: 850 °C

* Other dimensions are available on request. Please contact COMECO!

Ordering code   YPTD✱ - G4.G6.G9'G9".G10

Code	Feature or option	Code values
✱	Design	**B6** - bored, FORM 6, **B7** - bored, FORM 7, **B9** - bored, FORM 9, **W5** - welded, FORM 5, **W8** - welded, FORM 8
G4	Probe diameter 'd' [mm]	**6**, **8**, **10**, **12**
G6	Length 'U1' [mm]	**50**…**500** (see table above) [1]
G9'	Connection thread 'E' [2]	**X** - none [3], **Q4** - G1/2", **Q6** - G3/4", **Q10** - 1/2" NPT, **Q11** - 3/4" NPT, **Q12** - G1", **Q15** - 1" NPT, **Z** - other (specify!)
G9"	Probe thread 'N' [2]	**X** - none [3], **Q2** - M20x1.5, **U2** - M20x1.5, **Q4** - G1/2", **U4** - G1/2", **Q5** - M27x2, **U5** - M27x2, **Q6** - G3/4", **U6** - G3/4", **Z** - other (specify!)
G10	Material	**M1** - 1.4301, **M2** - 1.4541 [3], **M3** - 1.4571 [3], **M9** - 1.4404 or 1.4435, **Z** - other (specify!) [3]

[1] Other lengths are available upon request. Contact COMECO!
[2] Applicable for the selected probe diameter
[3] Contact COMECO!