

Threaded DIN Thermowell BYPTD

DIN 43772-2 THERMOWELL		BYPTDx		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]
<b>BORED DESIGNS (B6, B7, B9)</b>											
		6	G1/2"	27	26	14	M20x1.5; G1/2"	19	15	7 9 / 11	17
			G3/4"	32	32	16	M27x2; G3/4"	22	17	7 / 9 11 / 13	
			G1"	41	39	18	M20x1.5; G1/2"	19	15	7 9 / 11	17 20 / 22
		7	1/2" NPT	27	-	≈ 20	M20x1.5; G1/2"	19	15	7 9 / 11	17
			3/4" NPT			≈ 21				7 / 9 11	
			1" NPT	36		≈ 25				7 9 / 11	17 20 / 22
		9	G1/2"	27	26	14	M20x1.5; G1/2"	-	12	7 9 / 11	17
			G3/4"	32	32	16	M27x2; G3/4"		14	7 / 9 11 / 13	
Maximum pressure: 160(250*) bar											
<b>WELDED DESIGNS (W5, W8)</b>											
		5	G1/2"	27	26	14	M20x1.5; G1/2"	19	15	7 9 / 11	12 14
			G3/4"	32	32	16	M27x2; G3/4"	22	17	7 / 9 11 / 13	12 / 14 14 / 16
		8	G1/2"	27	26	14	M20x1.5; G1/2"	-	12	7 9 / 11	12 14
			G3/4"	32	32	16	M27x2; G3/4"		14	7 / 9 11 / 13	12 / 14 14 / 16
Probe diameter: d = d1 - 1 Probe thread: G = N Probe length: n = U1+18 (fixed) or n = U1+23 (spring-loaded) Maximum temperature: 850 °C * Other dimensions are available on request. Please contact BASI!											

Ordering code BYPTD\* - 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) <sup>(1)</sup>
G9'	Connection thread 'E' <sup>(2)</sup>	X - none <sup>(3)</sup> , Q4 - G1/2", Q6 - G3/4", Q10 - 1/2" NPT, Q11 - 3/4" NPT, Q12 - G1", Q15 - 1" NPT, Z - other (specify!) <sup>(3)</sup>
G9"	Probe thread 'N' <sup>(2)</sup>	X - none <sup>(3)</sup> , 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!) <sup>(3)</sup>
G10	Material	M1 - 1.4301, M2 - 1.4541 <sup>(3)</sup> , M3 - 1.4571 <sup>(3)</sup> , M9 - 1.4404 <sup>(3)</sup>

<sup>(1)</sup> Other lengths are available upon request. Contact BASI!

<sup>(2)</sup> Applicable for the selected probe diameter

<sup>(3)</sup> Contact BASI!