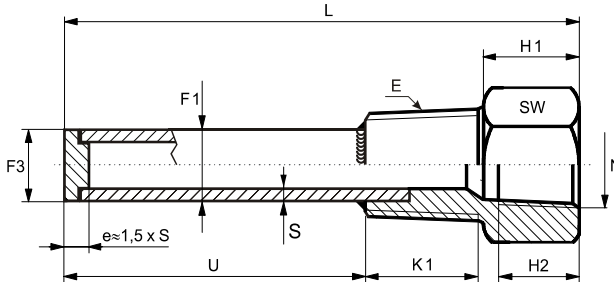
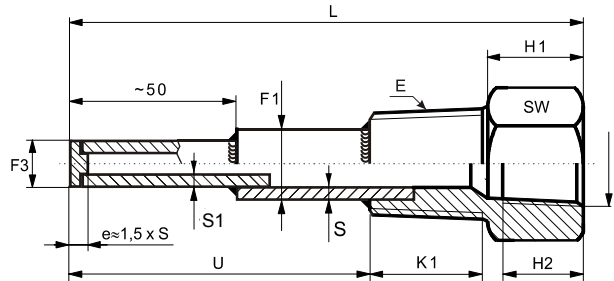


Threaded Welded Thermowell YPTW

THREADED WELDED THERMOWELL		YPTW	DIMENSIONS *							
Material - stainless steel (see Appendix - Sheath materials) Application - with temperature gauges and TS probes			E	SW	K1	N	H2 [mm]	H1 [mm]	F1 [mm]	F3 [mm]
STANDARD TIP  Manufactured from solid HEX or round bar $U = 50...1500 \text{ mm}$ $L = U + K1 + H1$ $S = 1...3 \text{ mm}$			M20x1.5; G1/2"	27	14	M14x1.5; G3/8"	15	20...100	10, 12, 14, 1/8", 1/4"	= F1
						M18x1.5	20	25...100		
						M20x1.5; G1/2"	20	25...100		
			M27x2; G3/4"	32	16	M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	
						M18x1.5	20	25...100		
						M20x1.5; G1/2"	20	25...100		
			M33x2; G1"	36	18	M27x2; G3/4"	25	30...100		
						M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	
						M18x1.5	20	25...100		
						M20x1.5; G1/2"	20	25...100		
						M27x2; G3/4"	25	30...100		
						M33x2; G1"	30	35...100		
1/2" NPT	27	25	3/8" NPT	15	20...100	10, 12, 14, 1/8", 1/4"				
			1/2" NPT	20	25...100					
3/4" NPT	32	25	3/8" NPT	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"				
			1/2" NPT	20	25...100					
			3/4" NPT	25	30...100					
1" NPT	36	25	3/8" NPT	15	20...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"				
			1/2" NPT	20	25...100					
			3/4" NPT	25	30...100					
			1" NPT	30	35...100					

NARROWED TIP  Manufactured from solid HEX or round bar $U = 50...1500 \text{ mm}$ $L = U + K1 + H1$ $S = 1...3 \text{ mm}$ $S1 = 1...2 \text{ mm}$			M20x1.5; G1/2"	27	14	M14x1.5; G3/8"	15	20...100	10, 12, 14, 1/8", 1/4"	8, 10
						M18x1.5	20	25...100		
						M20x1.5; G1/2"	20	25...100		
			M27x2; G3/4"	32	16	M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	8, 10, 12
						M18x1.5	20	25...100		
						M20x1.5; G1/2"	20	25...100		
						M27x2; G3/4"	25	30...100		
			M33x2; G1"	36	18	M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	8, 10, 12, 14
						M18x1.5	20	25...100		
						M20x1.5; G1/2"	20	25...100		
						M27x2; G3/4"	25	30...100		
						M33x2; G1"	30	35...100		
1/2" NPT	27	25	3/8" NPT	15	20...100	10, 12, 14, 1/8", 1/4"	8, 10			
			1/2" NPT	20	25...100					
3/4" NPT	32	25	3/8" NPT	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	8, 10, 12			
			1/2" NPT	20	25...100					
			3/4" NPT	25	30...100					
1" NPT	36	25	3/8" NPT	15	20...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	8, 10, 12, 14			
			1/2" NPT	20	25...100					
			3/4" NPT	25	30...100					
			1" NPT	30	35...100					

Probe diameter: $d \leq (F3 - 2 \cdot S) - 1$ Probe thread: $G = N$ Probe length (incl. thread): fixed: $n = 0.98 \cdot L - e \text{ (DIN) or } 0.98 \cdot L - e + 0.5 \cdot H2 \text{ (NPT)}$ spring-loaded: $n \approx L - e \text{ (DIN) or } L - e + 0.5 \cdot H2 \text{ (NPT)}$ Maximum temperature: 850 °C							MAXIMUM PRESSURE	
							S(S1) [mm]	P [bar]
							1	16
							1.5 (2)	25
							2.5 (3)	40

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

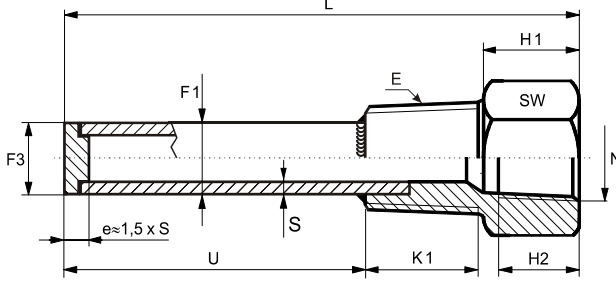
Ordering code YPTW - G4.G6.G7.G9'G9".G10.G14

Code	Feature or option	Code values
G4	Tube diameter 'F1' [mm]	10, 12, 14, 16, 18, 20, 1/8" ⁽²⁾ , 1/4" ⁽²⁾ , 3/8" ⁽²⁾ , 1/2" ⁽²⁾
G6	Length 'U' [mm]	50...1500 (see table overleaf)
G7	Length 'H1' [mm] ⁽¹⁾	20...100 (see table overleaf) ⁽¹⁾
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⁾
G14	Tip shape	X - standard closed, N - narrowed

⁽¹⁾ Applicable for the selected tube diameter 'F1'

⁽²⁾ Contact COMECO!

Заварен накрайник с резба YPTW

ЗАВАРЕН НАКРАЙНИК С РЕЗБА		YPTW		РАЗМЕРИ *							
Материал - неръждаема стомана (виж Приложение - материали за корпуси) Приложение - с термометри и сонди TS				E	SW	K1	N	H2 [mm]	H1 [mm]	F1 [mm]	F3 [mm]
СТАНДАРТЕН ВРЪХ  Изработен от плътен шестостен или цилиндър U = 50...1500 mm L = U + K1 + H1 S = 1...3 mm				M20x1.5; G1/2"	27	14	M14x1.5; G3/8"	15	20...100	10, 12, 14, 1/8", 1/4"	= F1
							M18x1.5	20	25...100		
							M20x1.5; G1/2"	20	25...100		
				M27x2; G3/4"	32	16	M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	
							M18x1.5	20	25...100		
							M20x1.5; G1/2"	20	25...100		
				M33x2; G1"	36	18	M27x2; G3/4"	25	30...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	
							M14x1.5; G3/8"	15	20...100		
							M18x1.5	20	25...100		
							M20x1.5; G1/2"	20	25...100		
				1/2" NPT	27	25	3/8" NPT	15	20...100	10, 12, 14, 1/8", 1/4"	
							1/2" NPT	20	25...100		
				3/4" NPT	32	25	3/8" NPT	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	
							1/2" NPT	20	25...100		
				1" NPT	36	25	3/4" NPT	25	30...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	
							1" NPT	30	35...100		
							3/8" NPT	15	20...100		
				M20x1.5; G1/2"	27	14	M14x1.5; G3/8"	15	20...100	10, 12, 14, 1/8", 1/4"	8, 10
							M18x1.5	20	25...100		
							M20x1.5; G1/2"	20	25...100		
M27x2; G3/4"	32	16	M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	8, 10, 12				
			M18x1.5	20	25...100						
			M20x1.5; G1/2"	20	25...100						
			M27x2; G3/4"	25	30...100						
M33x2; G1"	36	18	M14x1.5; G3/8"	15	20...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	8, 10, 12, 14				
			M18x1.5	20	25...100						
			M20x1.5; G1/2"	20	25...100						
			M27x2; G3/4"	25	30...100						
1/2" NPT	27	25	3/8" NPT	15	20...100	10, 12, 14, 1/8", 1/4"	8, 10				
			1/2" NPT	20	25...100						
3/4" NPT	32	25	3/8" NPT	15	20...100	10, 12, 14, 16, 18, 1/8", 1/4", 3/8"	8, 10, 12				
			1/2" NPT	20	25...100						
1" NPT	36	25	3/4" NPT	25	30...100	10, 12, 14, 16, 18, 20, 1/8", 1/4", 3/8", 1/2"	8, 10, 12, 14				
			1" NPT	30	35...100						
			3/8" NPT	15	20...100						
Диаметър на сондата: d ≤ (F3 - 2*S) - 1										МАКСИМАЛНО НАЛЯГАНЕ	
Резба на сондата: G = N											
Дължина на сондата (вкл. резбата):										S(S1) [mm]	P [bar]
фиксирана вложка: n = 0,98 * L - e (DIN) или n = 0,98 * L - e + 0,5 * H2 (NPT)										1	16
пружинна вложка: n ≈ L - e (DIN) или n ≈ L - e + 0,5 * H2 (NPT)										1,5 (2)	25
Максимална температура: 850 °C										2,5 (3)	40
* Възможни са и други размери по заявка. Свържи се с КОМЕКО!											

Код за поръчка YPTW - G4.G6.G7.G9'G9".G10.G14

Код	Характеристика или опция	Стойност на кодовия символ
G4	Диаметър на тръбата 'F1' [mm]	10, 12, 14, 16, 18, 20, 1/8" ⁽²⁾ , 1/4" ⁽²⁾ , 3/8" ⁽²⁾ , 1/2" ⁽²⁾
G6	Дължина 'U' [mm]	50...1500 (виж таблицата на другата страница)
G7	Дължина 'H1' [mm] ⁽¹⁾	20...100 (виж таблицата на другата страница) ⁽¹⁾
G9'	Присъединителна резба 'E' ⁽¹⁾	X - няма ⁽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 - друга (поясни!)
G9"	Резба на сондата 'N' ⁽¹⁾	X - няма ⁽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 - друга (поясни!)
G10	Материал	M1 - 1.4301, M2 - 1.4541 ⁽²⁾ , M3 - 1.4571 ⁽²⁾ , M9 - 1.4404 или 1.4435, Z - друг (поясни!) ⁽²⁾
G14	Врх	X - стандартен затворен, N - стеснен затворен

⁽¹⁾ От възможните за избрания диаметър на тръбата 'F1'

⁽²⁾ Свържи се с КОМЕКО!