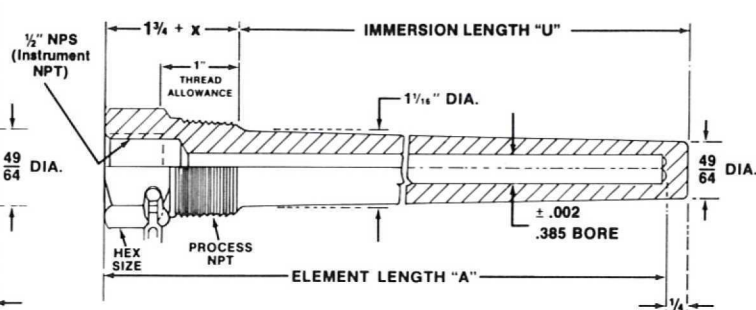
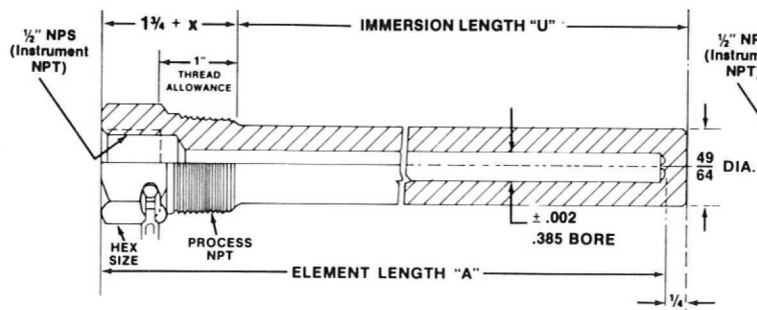


## **NOTICE:**

**Prices and availability are subject to change without notice.**

**Please contact Marlin Manufacturing before ordering for updated pricing.**

# THERMOWELLS 0.385" BORE, THREADED



**385 TS** - "U" "X" Mat'l. Code  
 Bore Size 0.385  
 Threaded Thermowell (T)  
 Straight Shank (S)  
 Process Sizes 3/4" or 1" NPT  
 Instrument Size 1/2" NPS (Standard)  
 Cap and Chain (if req.) Brass "BC" add \$4.00 extra  
 SSSL "SC" add \$8.50 extra

**385 TT** - "U" "X" Mat'l. Code  
 Bore Size 0.385  
 Threaded Thermowell (T)  
 Tapered Shank (T)  
 Process Sizes 1" NPT  
 Instrument Size 1/2" NPS (Standard)  
 Cap and Chain (if req.) Brass "BC" add \$4.00 extra  
 SSSL "SC" add \$8.50 extra

**"A" = "U" + "1 1/2" + "X"**

Process NPT	3/4"	1"
Hex Size	1 1/8"	1 3/8"

**"A" = "U" + "1 1/2" + "X"**

Process NPT	1"
Hex Size	1 3/8"

STANDARD LENGTHS (inches)							
Without Extension X							
U	2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	22 1/2
A	4	6	9	12	15	18	24
With Extension X							
Ux	2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	19 1/2	
X	2	3	3	3	3	3	3
Ax	6	9	12	15	18	24	
Process Size	Price \$/Thermowell 304 SS						
3/4" NPT	27.00	33.00	44.00	54.00	77.00	92.00	120.00
1" NPT	32.00	42.00	54.00	66.00	91.00	106.00	146.00

To price other materials see multiplier table

STANDARD LENGTHS (inches)							
Without Extension X							
U	2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	22 1/2
A	4	6	9	12	15	18	24
With Extension X							
Ux	2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	19 1/2	
X	2	3	3	3	3	3	3
Ax	6	9	12	15	18	24	
Process Size	Price \$/Thermowell 304 SS						
1" NPT	37.00	46.00	62.00	76.00	104.00	122.00	164.00

To price other materials see multiplier table

LIMIT PRESSURE vs TEMPERATURE								
(lbs/in <sup>2</sup> ) (°F)								
MATERIAL	CODE	TEMPERATURE - °F						
		70°	200°	400°	600°	800°	1000°	1200°
Brass	BR	5000	4200	1000	—	—	—	—
Carbon Steel	CS	5200	5000	4800	4600	3500	1500	—
A.I.S.I. 304	304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. 316	316	7000	7000	6400	6200	6100	5100	2500
Monel	MON	6500	6000	5400	5300	5200	1500	—

LIMIT PRESSURE vs TEMPERATURE								
(lbs/in <sup>2</sup> ) (°F)								
MATERIAL	CODE	TEMPERATURE - °F						
		70°	200°	400°	600°	800°	1000°	1200°
Brass	BR	5000	4200	1000	—	—	—	—
Carbon Steel	CS	5200	5000	4800	4600	3500	1500	—
A.I.S.I. 304	304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. 316	316	7000	7000	6400	6200	6100	5100	2500
Monel	MON	6500	6000	5400	5300	5200	1500	—

LIMIT FLUID VELOCITY vs LENGTH										
(ft/sec) (inches)										
MATERIAL	CODE	IMMERSION LENGTH "L"								
		2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	19 1/2	22 1/2	
Brass	BR	290 (145)	150 (80)	54.1 (48)	27.6 (27.6)	16.7 (16.7)	11.1 (11.1)	8.0 (8.0)	6.0 (6.0)	
Carbon Steel	CS	326 (260)	192 (144)	69.5 (69.5)	35.4 (35.4)	20.5 (20.5)	14.3 (14.3)	10.3 (10.3)	7.7 (7.7)	
A.I.S.I.-304 & 316	304 316	349 (360)	199 (360)	71.9 (360)	36.6 (36.6)	21.2 (21.2)	14.8 (14.8)	10.7 (10.7)	8.0 (8.0)	
Monel	MON	316 (320)	189 (178)	68.1 (178)	34.8 (34.8)	20.8 (20.8)	14.0 (14.0)	10.0 (10.0)	7.5 (7.5)	

LIMIT FLUID VELOCITY vs LENGTH										
(ft/sec) (inches)										
MATERIAL	CODE	IMMERSION LENGTH "L"								
		2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	19 1/2	22 1/2	
Brass	BR	321 (150)	129 (83.5)	46.8 (46.8)	23.6 (23.6)	14.5 (14.5)	9.6 (9.6)	6.9 (6.9)	5.1 (5.1)	
Carbon Steel	CS	410 (270)	249 (150)	90.3 (90.3)	45.6 (45.6)	27.8 (27.8)	18.5 (18.5)	13.2 (13.2)	9.8 (9.8)	
A.I.S.I.-304 & 316	304 316	483 (350)	272 (208)	97.3 (208)	49.7 (49.7)	30.4 (30.4)	20.3 (20.3)	14.5 (14.5)	10.7 (10.7)	
Monel	MON	396 (300)	214 (167)	77.5 (167)	39.2 (39.2)	23.8 (23.8)	16.0 (16.0)	10.3 (10.3)	7.7 (7.7)	

