

# HEAVY DUTY THREADED WELL FOR 1/4" DIAMETER ELEMENTS

**260H  
SERIES and  
260HL**

**APPLICATION:**

Standard length, 1/4" Bi-metal thermometers. #20 gauge thermocouple elements. Unarmored liquid-in-glass test thermometers. Other temperature sensing elements having .252 in. maximum diameter.

**CONNECTION SIZE:**

3/4" NPT and 1" NPT are standard. Other thread sizes are available upon request.

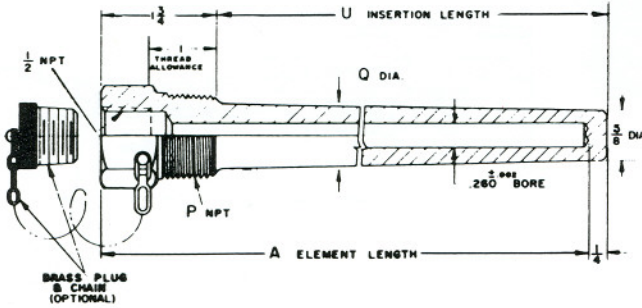
**MATERIALS:**

Brass (ASTM B-16); Carbon Steel (C-1018); Stainless Steel A.I.S.I. 304 & A.I.S.I. - 316; Monel. Wells are available also in special materials, prices on request.

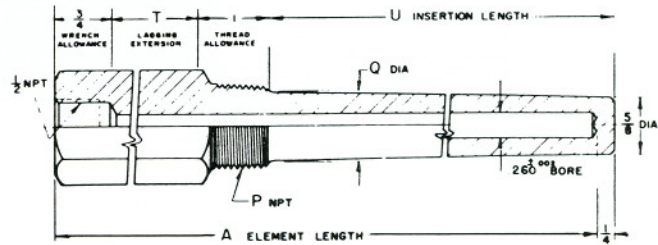
**CAP & CHAIN:**

Brass captive cap is available for keeping well bore clean when not in use.

**SERIES 260H - GENERAL USE**



**SERIES 260HL - LAGGING EXTENSION TYPE**



EXTERNAL THREAD - P	TYPE NUMBER	ELEM. LGTH. A	INSERT. LGTH. U	SHANK DIA. Q
3/4" NPT	3/4"-260H -U 2 1/2	4	2 1/2	7/8
	-U 4 1/2	6	4 1/2	"
	-U 7 1/2	9	7 1/2	"
	-U 10 1/2	12	10 1/2	"
	-U 13 1/2	15	13 1/2	"
	-U 16 1/2	18	16 1/2	"
1" NPT	1"-260H -U 2 1/2	4	2 1/2	1-1/16
	-U 4 1/2	6	4 1/2	"
	-U 7 1/2	9	7 1/2	"
	-U 10 1/2	12	10 1/2	"
	-U 13 1/2	15	13 1/2	"
	-U 16 1/2	18	16 1/2	"
-U 22 1/2	24	22 1/2	"	

EXTERNAL THREAD P	TYPE NUMBER	LAG. EXT. T	ELEM. LGTH. A	INSERT. LGTH. U	SHANK DIA. Q
3/4" NPT	3/4"-260HL -U 2 1/2	2	6	2 1/2	7/8
	-U 4 1/2	3	9	4 1/2	"
	-U 7 1/2	3	12	7 1/2	"
	-U 10 1/2	3	15	10 1/2	"
	-U 13 1/2	3	18	13 1/2	"
	-U 19 1/2	3	24	19 1/2	"
1" NPT	1"-260HL -U 2 1/2	2	6	2 1/2	1-1/16
	-U 4 1/2	3	9	4 1/2	"
	-U 7 1/2	3	12	7 1/2	"
	-U 10 1/2	3	15	10 1/2	"
	-U 13 1/2	3	18	13 1/2	"
	-U 19 1/2	3	24	19 1/2	"

**PRESSURE - TEMPERATURE RATING  
LBS. PER SQ. INCH**

(Values based on allowable stress levels published in the 1956 edition of the A.S.M.E. Boiler Code, Section VIII.)

MATERIAL	TEMPERATURE - °F.						
	70	200°	400°	600°	800°	1000°	1200°
Brass	5300	4750	1100	---	---	---	---
Carbon Steel	5950	5750	5450	5250	4000	1750	---
A.I.S.I. - 304	7800	7050	6400	6150	6000	5190	1875
A.I.S.I. - 316	7800	7800	7250	7100	6950	5800	2720
Monel	7450	6850	6150	6100	5940	1750	---

**MAXIMUM FLUID VELOCITY  
FEET PER SECOND**

WELL TYPE	MATERIAL	INSERTION LENGTH - "U"								
		2 1/2	4 1/2	7 1/2	10 1/2	13 1/2	16 1/2	19 1/2	22 1/2	
3/4"-260H and 3/4"-260HL	Brass	305 (97.5)	93.8 (54.1)	33.9	17.1	10.5	7.0	5.0	3.7	
		386 (175)	180 (97.2)	65.3 (58.3)	33.0	20.1	13.4	9.6	7.1	
	A.I.S.I.-304 & 316	440 (243)	197 (135)	71.2	36.0	22.0	14.7	10.5	7.8	
		354 (195)	155 (108)	56.1	28.4	17.3	11.6	7.5	5.6	
	1"-260H and 1"-260HL	Brass	354 (161)	108 (89.5)	39.4	19.8	12.2	8.1	5.8	4.3
			448 (289)	209 (161)	75.7	38.4	23.3	15.5	11.1	8.2
A.I.S.I.-304 & 316		490 (403)	228 (225)	82.5	41.8	25.5	17.1	12.2	9.1	
		410 (322)	179 (178)	65.1	33.0	20.1	13.5	8.7	6.5	

- TO ORDER, PLEASE SPECIFY:**
1. Complete Type Number
  2. Material
  3. Cap & Chain - If Desired