

**STANDARD THREADED WELL
FOR 3/4" DIAMETER ELEMENTS**

APPLICATION:

Standard length, 3/4" Stem, Bi-metal thermometers. #14 gauge thermocouple elements. Armored liquid-in-glass test thermometers. Other temperature sensing elements having .377 in. maximum diameter.

CONNECTION SIZE:

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

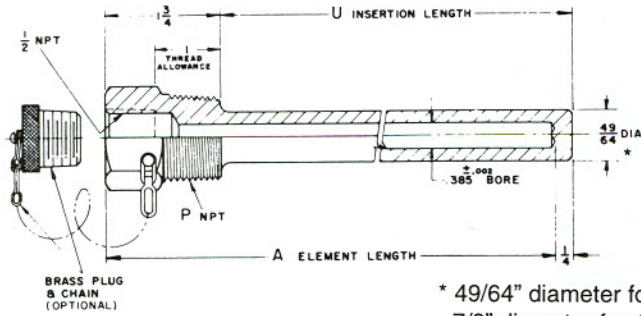
MATERIALS:

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

CAP & CHAIN:

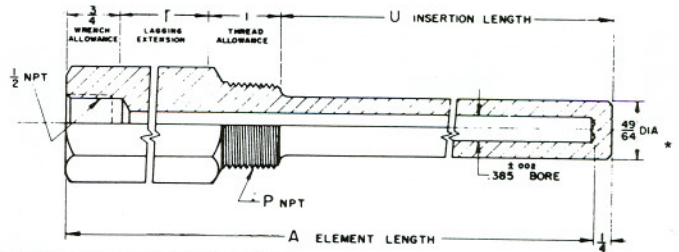
Brass captive cap is available for keeping well bore clean when not in use.

SERIES 385S - GENERAL USE



* 49/64" diameter for 3/4" NPT process connection.
7/8" diameter for 1" NPT

SERIES 385 SL - LAGGING EXTENSION TYPE



EXTERNAL THREAD P	TYPE NUMBER	A ELEM. LGTH.	INSERT. LGTH. U
3/4" NPT	3/4"-385S -U 2 1/2	4	2 1/2
	-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"-385S -U 2 1/2	4	2 1/2
	-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
3/4" NPT	3/4"-385SL -U 2 1/2	2	6	2 1/2
	-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"-385SL -U 2 1/2	2	6	2 1/2
	-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	5000	4200	1000	---	---	---	---
Carbon Steel	5200	5000	4800	4600	3500	1500	---
A.I.S.I. 304	7000	6200	5600	5400	5200	4500	1650
A.I.S.I. 316	7000	7000	6400	6200	6100	5100	2500
Monel	6500	6000	5400	5300	5200	1500	---

**MAXIMUM FLUID VELOCITY
FEET PER SECOND**

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
Brass	290 (145)	150 (80)	54.1 (48)	27.6	16.7	11.1	8.0	6.0
	326 (260)	192 (144)	69.5	35.4	20.5	14.3	10.3	7.7
Carbon Steel	349 (360)	199	71.9	36.6	21.2	14.8	10.7	8.0
	316 (320)	189 (178)	68.1	34.8	20.8	14.0	10.0	7.5

TO ORDER, PLEASE SPECIFY:

1. Complete Type Number
2. Material
3. Cap & Chain - If Desired