

**HEAVY DUTY 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:

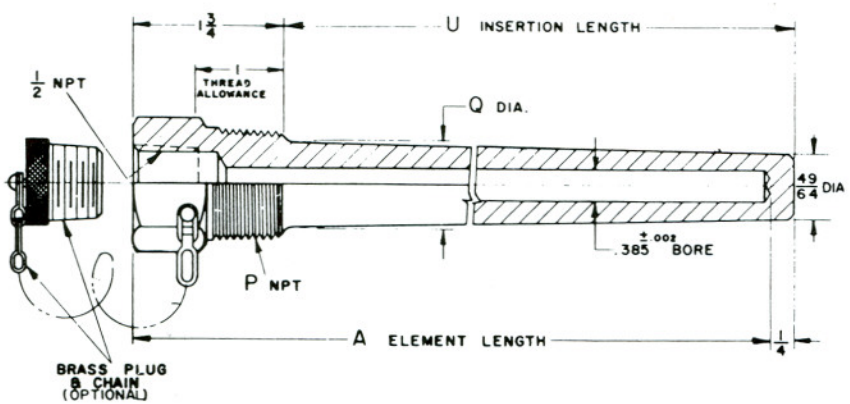
1" NPT is standard. Other thread sizes are available upon request.

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.

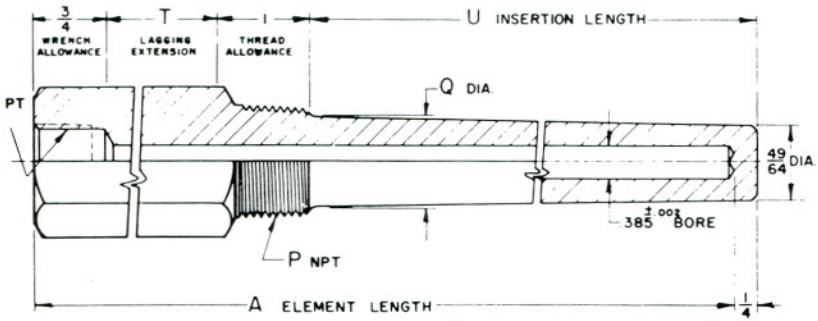
CAP & CHAIN:

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



**SERIES 385H — GENERAL USE
EXTERNAL THREAD "P" — 1" NPT**

TYPE NUMBER	ELEM. LGTH. A	INSERT. LGTH. U	SHANK DIA. Q
1"-385H -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	"



**SERIES 385 HL — LAGGING EXTENSION TYPE
EXTERNAL THREAD "P" — 1" NPT**

TYPE NUMBER	LAG. EXT. T	ELEM. LGTH. A	INSERT. LENGTH U	SHANK DIA. Q
1"-385HL -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	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	321 (150)	129 (83.5)	46.8	23.6	14.5	9.6	6.9	5.1
Carbon Steel	410 (270)	249 (150)	90.3	45.6	27.8	18.5	13.2	9.8
A.I.S.I. 304 & 316	483 (350)	272 (208)	97.3	49.7	30.4	20.3	14.5	10.7
Monel	396 (300)	214 (167)	77.5	39.2	23.8	16.0	10.3	7.7

TO ORDER, PLEASE SPECIFY:

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