

Series 385H

Heavy-Duty Threaded Well for $\frac{3}{8}$ " Diameter Elements



Application:

Standard length, $\frac{3}{8}$ " stem, bimetal thermometers.
#14-gage thermocouple elements. Armored
liquid-in-glass test thermometers. Other temperature-
sensing elements having 0.377" maximum diameter.

Connection Size:

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

Protective Coatings for Thermowells:

- Resist Corrosion
- For Chemical Baths
- Color-Coded Sensors for Process Control

• Available in PFA, Epoxy and other materials.

Consult Sales Department for complete information

Materials:

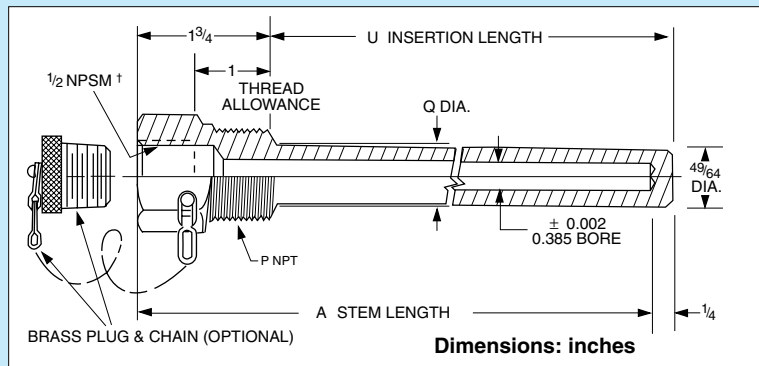
Brass (ASTM B-16), Carbon Steel (C-1018), Stainless
Steel A.I.S.I. 304 & A.I.S.I. 316, Monel®. Wells are also
available in special materials; prices on request.

Cap and Chain Options:

For Brass cap, add suffix "**-CC-Brass**" to the end of the
model number when ordering for an additional cost.

For 304 SS cap, add suffix "**-CC**" to the end of the model
number for an additional cost.

Series 385H—General Use External Thread "P"—1 NPT



Metric Models
Available!
See omega.com

† NPSM internal pipe
thread will accept both
NPT and NPS male
threads.

To Order Visit omega.com/series_385h for Pricing and Details

External Thread P	Model Number	Stem Length A	Insert Length U	Shank Diameter Q
1 NPT	1-385H-U21/2-(*)	4	2½	1⅛
	1-385H-U41/2-(*)	6	4½	1⅛
	1-385H-U71/2-(*)	9	7½	1⅛
	1-385H-U101/2-(*)	12	10½	1⅛
	1-385H-U131/2-(*)	15	13½	1⅛
	1-385H-U161/2-(*)	18	16½	1⅛
	1-385H-U221/2-(*)	24	22½	1⅛

* Specify material type "**304SS**" for 304 stainless steel, "**316SS**" for 316 stainless steel, "**CS**" for
carbon steel or "**BRASS**" for brass. PFA coating available, see omega.com.

Ordering Example: 1-385H-U71/2-304SS, 304 stainless steel thermowell with 1" NPT external thread,
0.385" internal diameter, 7½" insertion length and a 9" stem length.

For Assistance in Choosing Head and Well Assemblies, See guide on omega.com. These
wells are compatible with OMEGA® NB1, NB2; PR-12, PR-14, and NPT-style probes, as well as
DialTemp™ Thermometers.

Shown
smaller
than
actual
size.

Pressure-Temperature rating—lb per square inch

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	—

See Page B-25 For Maximum Fluid Velocity.

Increase Response Rate!
Use OT-201 Conductive Silicon
Paste; see omega.com

Discount Schedule

1–10.....Net	25–100.....20%
11–24.....10%	101 and up....Consult Sales

