

# Series 260S

Standard Threaded Well for 1/4" Diameter Elements

## Application:

Standard length, 1/4" stem, bimetal thermometers; #20-gage thermocouple elements; unarmored liquid-in-glass test thermometers. Other temperature-sensing elements having 0.252" maximum diameter.

## Connection Size:

1/2, 3/4 and 1 NPT are 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:

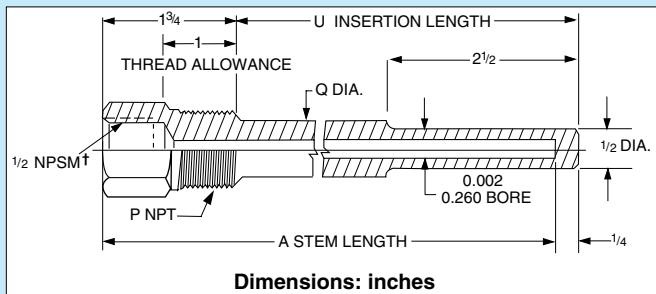
Brass (ASTM B-16); Carbon Steel (C-1018); Stainless Steel A.I.S.I. 304 & A.I.S.I. 316; Monel®. Wells are also available in special materials; prices on request.

## Cap and Chain Options:

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

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

## Series 260S—General Use



Metric Models Available! Visit [omega.com](http://omega.com)

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



Shown close to actual size.

## To Order Visit [omega.com/series\\_260s](http://omega.com/series_260s) for Pricing and Details

| Ext Thread P | Model Number         | Stem Length A | Insert. Length U | Shank Dia.Q |
|--------------|----------------------|---------------|------------------|-------------|
| 1/2 NPT      | 1/2-260S-U21/2-(* )  | 4             | 2 1/2            | —           |
|              | 1/2-260S-U41/2-(* )  | 6             | 4 1/2            | 5/8         |
|              | 1/2-260S-U71/2-(* )  | 9             | 7 1/2            | 5/8         |
|              | 1/2-260S-U101/2-(* ) | 12            | 10 1/2           | 5/8         |
|              | 1/2-260S-U131/2-(* ) | 15            | 13 1/2           | 5/8         |
|              | 1/2-260S-U161/2-(* ) | 18            | 16 1/2           | 5/8         |
|              | 1/2-260S-U221/2-(* ) | 24            | 22 1/2           | 5/8         |
| 3/4 NPT      | 3/4-260S-U21/2-(* )  | 4             | 2 1/2            | —           |
|              | 3/4-260S-U41/2-(* )  | 6             | 4 1/2            | 3/4         |
|              | 3/4-260S-U71/2-(* )  | 9             | 7 1/2            | 3/4         |
|              | 3/4-260S-U101/2-(* ) | 12            | 10 1/2           | 3/4         |
|              | 3/4-260S-U131/2-(* ) | 15            | 13 1/2           | 3/4         |
|              | 3/4-260S-U161/2-(* ) | 18            | 16 1/2           | 3/4         |
|              | 3/4-260S-U221/2-(* ) | 24            | 22 1/2           | 3/4         |
| 1 NPT        | 1-260S-U21/2-(* )    | 4             | 2 1/2            | —           |
|              | 1-260S-U41/2-(* )    | 6             | 4 1/2            | 7/8         |
|              | 1-260S-U71/2-(* )    | 9             | 7 1/2            | 7/8         |
|              | 1-260S-U101/2-(* )   | 12            | 10 1/2           | 7/8         |
|              | 1-260S-U131/2-(* )   | 15            | 13 1/2           | 7/8         |
|              | 1-260S-U161/2-(* )   | 18            | 16 1/2           | 7/8         |
|              | 1-260S-U221/2-(* )   | 24            | 22 1/2           | 7/8         |

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

**Ordering Example:** 3/4-260S-U71/2-304SS, 304 stainless steel thermowell with 3/4 NPT external thread, 0.260" internal diameter, 7 1/2" insertion length and a 9" stem length.

For Assistance in Choosing Head and Well Assemblies, See Guide at [omega.com](http://omega.com)

These wells are compatible with OMEGA® NB1, NB2; PR-12, PR14, and NPT-style probes; as well as DialTemp™ Thermometers.

## 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  | —     |

**Increase Response Rate!**  
Use OT-201 Conductive Silicon Paste.

## Discount Schedule

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

Discounts apply to similar thermowells.