

## THREADED THERMOWELLS

Reotemp Threaded Thermowells make it possible to remove an instrument without dropping pressure or losing contents of the process. Thermowells also protect the instrument from getting bent by the process media. Threaded thermowells are perfect for applications that require infrequent replacement and are commonly installed on smaller pipes or vessels. They are best suited for non-corrosive media. Reotemp threaded thermowells are machined from solid bar stock.



**Threaded**



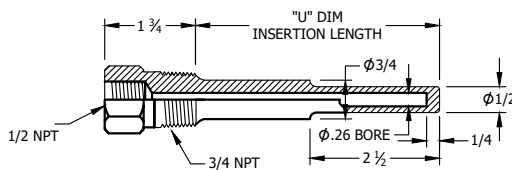
### FEATURES / BENEFITS

- Machined from Solid Material
- Protects Your Instrument from the Process
- Easy Removal of Instrument for Calibration or Replacement

### OPTIONS

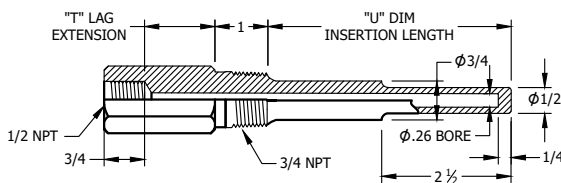
- Wake Frequency Calculation
- Hydrostatic Test
- NACE Certified
- Material Certificate
- Special Marking (Stamping)
- Plug & Chain
- Positive Material Identification (PMI)

**Standard**



All dimensions are in inches.

**Lagging**



All dimensions are in inches.

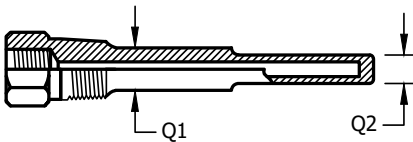
#### STANDARD DIMENSIONS

| Stem "A" | Standard "U" | Lagging "U" | Overall Length |
|----------|--------------|-------------|----------------|
| 2.5"     | 1.625"       | N/A         | 2.875"         |
| 4"       | 2.5"         | N/A         | 4.25"          |
| 6"       | 4.5"         | 2.5"        | 6.25"          |
| 9"       | 7.5"         | 4.5"        | 9.25"          |
| 12"      | 10.5"        | 7.5"        | 12.25"         |

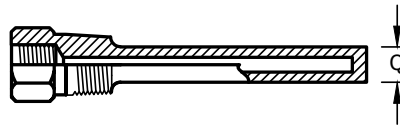
## THREADED THERMOWELLS

**BUILD YOUR THERMOWELL:** Choose options to build a part number. For example: **ST6316-ML**

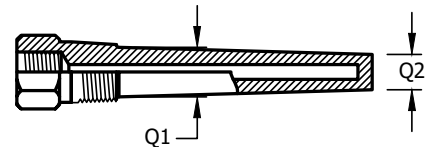
| TYPE   | "A" STEM LENGTH   | MATERIAL  | PROCESS CONNECTION  | SHANK  | BORE DIAMETER  | OPTIONS  |
|--|---|---|---|--|--|--|
| <b>ST</b> = Threaded<br><b>LG</b> = Threaded Lagging | <b>2.5</b> = 2.5"<br><b>4</b> = 4"<br><b>6</b> = 6"<br><b>9</b> = 9"<br><b>12</b> = 12" | <b>304</b> = 304SS<br><b>316</b> = 316SS<br><b>316L</b> = 316L SS<br><b>B</b> = Brass<br><b>C</b> = Carbon Steel (1018)<br><b>G</b> = Hastelloy B<br><b>H</b> = Hastelloy C<br><b>M</b> = Monel/A400<br><b>T</b> = Titanium<br><b>Y</b> = Inconel 600<br><b>A</b> = Alloy 105 Carbon Stainless Steel<br><b>D</b> = Alloy 20<br><b>5</b> = F5 Alloy<br><b>P</b> = PTFE Coated 316SS<br><b>N</b> = F22 Alloy<br><br>Other materials available. Contact Reotemp customer service for more information. | = Leave blank for 3/4" NPT (std.)<br><b>-1</b> = 1" NPT<br><b>-H</b> = 1/2" NPT<br><b>-2</b> = 1.5" NPT | = Leave blank for Stepped (std.)*<br><b>T</b> = Tapered<br><b>S</b> = Straight<br><br>*Not available with .385 bore. | = Leave blank for .260 (std.)<br><b>B3</b> = .385<br><b>B5</b> = .515<br><b>I3</b> = 3/4" NPT Internal Thread<br><br>Other bore and internal thread sizes available. | <b>-EP</b> = External Pressure Test<br><b>-IT</b> = Internal Pressure Testing (5 min. test)<br><b>-MT</b> = Material Certificate<br><b>-ML</b> = Mill Certificate<br><b>-MR</b> = NACE MR-01-75 Approval<br><b>-M3</b> = NACE MR-01-03 Approval<br><b>-PM</b> = Positive Material Identification (PMI)<br><b>-P4</b> = SS 304 Plug & Chain<br><b>-P6</b> = SS 316 Plug & Chain<br><b>-PB</b> = Brass Plug & Chain<br><b>-R2</b> = Special Surface Finish (Ra 20 max)<br><b>-T1</b> = Tantalum Coating/ Halar Coating<br><b>-T2</b> = Teflon Coating (Specify PFA or PTFE)<br><b>-T3</b> = Tungsten Carbide Coating<br><b>-TM</b> = Special Marking (Stamping)<br><b>-TS</b> = SS Tag (attached)<br><b>-WK</b> = Wake Frequency Calculation |



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| STEPPED SHANK |                  |                         |                 |
|---------------|------------------|-------------------------|-----------------|
| Bore Dia.     | Ext. Thread Size | Shank Dia. "Q1" (U>2.5) | Shank Dia. "Q2" |
| .260"         | 1/2" NPT         | .625"                   | .500"           |
| .260"         | 3/4" NPT         | .750"                   | .500"           |
| .260"         | 1" NPT           | .875"                   | .500"           |

| STRAIGHT SHANK |                  |                        |                        |
|----------------|------------------|------------------------|------------------------|
| Bore Dia.      | Ext. Thread Size | Shank Dia. "Q" (U≤2.5) | Shank Dia. "Q" (U>2.5) |
| .260"          | 1/2" NPT         | .500"                  | .625"                  |
| .260"          | 3/4" NPT         | .500"                  | .625"                  |
| .260"          | 1" NPT           | .750"                  | .875"                  |
| .385"          | 1/2" NPT         | .680"                  | .680"                  |
| .385"          | 3/4" NPT         | .766"                  | .766"                  |
| .385"          | 1" NPT           | .875"                  | .875"                  |

| TAPERED SHANK |                  |                 |                 |
|---------------|------------------|-----------------|-----------------|
| Bore Dia.     | Ext. Thread Size | Shank Dia. "Q1" | Shank Dia. "Q2" |
| .260"         | 1/2" NPT         | .680"           | .625"           |
| .260"         | 3/4" NPT         | .875"           | .625"           |
| .260"         | 1" NPT           | 1.062"          | .625"           |
| .385"         | 1/2" NPT         | .680"           | .625"           |
| .385"         | 3/4" NPT         | .875"           | .766"           |
| .385"         | 1" NPT           | 1.062"          | .766"           |