

# **Flanged Thermowells**



A thermowell provides invaluable triple duty service, by protecting your delicate temperature sensing instrumentation.

- Protects your instrument against corrosive effects and resulting physical damage caused by media flow.
- Permits instrument interchange or calibration check without disturbing or closing down the process.
- Helps to contain dangerous or costly process fluids, when properly installed as an integral part of the vessel or piping.
   Flanged thermowells are appropriate for high pressure applications, typically larger pipe sizes and are designed to mate up to an existing flange. Serving to isolate and protect your temperature instrumentation.
- One piece bar stock construction
- Large selection of mill traceable materials
- Stamped with material, heat number and date code
- Full penetration welds on flanged wells
- Various test reports and certifications
- Wake Frequency Calculations per ASME PTC 19.3 -2010

#### PRODUCT SPECIFICATIONS

Type: Flanged

Shank Style: Straight, Tapered, Stepped

Bore Size: .260, .385

**Process** 

Connection: 1", 1\%, 2" flange sizes
Flange Facing: Raised, flat, ring joint
Rating/Class: 150\%, 300\%, 600\% flanges
Materials: 304 SS, 316 SS with many others

available on application

Instrument

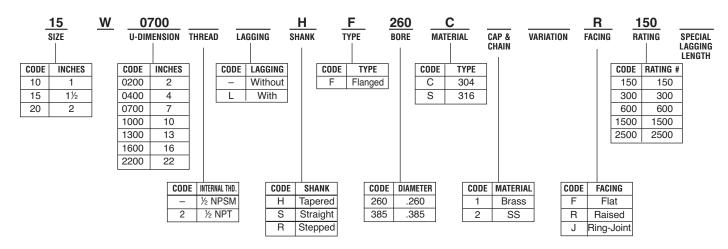
**Connection:** 1/2 NPSM standard, NPT or others

optional

#### **PRODUCT OPTIONS**

- Special bore diameters
- · Additional flange sizes
- NPT threads for instrument connections
- · Stamp tag numbers on thermowell
- SS tag
- Cap and chain
- · Material test reports
- · Wake frequency calculations

#### **TYPICAL CODE**

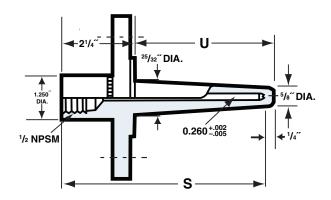




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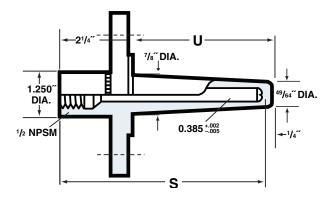
#### **Raised Face**

## 1/4" Nominal Bore



#### **Raised Face**

#### %" Nominal Bore



Standard U Insertion Depth	Standard "S" Element Length
2	4
4	6
7	9
10	12
13	15
16	18
22	24

## Legend:

U = Shank length under threads

S = Bore depth = instrument element lengthincluding threads