

Thermowells

Thermowells are used to provide an isolation between a temperature sensor and the environment, either liquid, gas or slurry. A thermowell allows the temperature sensor to be removed and replaced without compromising either the ambient region or the process.

Care must be taken in determining the material used for the thermowell as well as other factors. Thermo Sensors offers design assistance that includes pressure, temperature and or corrosion as well as vibration effects of the fluids. This vibration can cause well stem failure.



Thermo Sensors thermowell materials include:

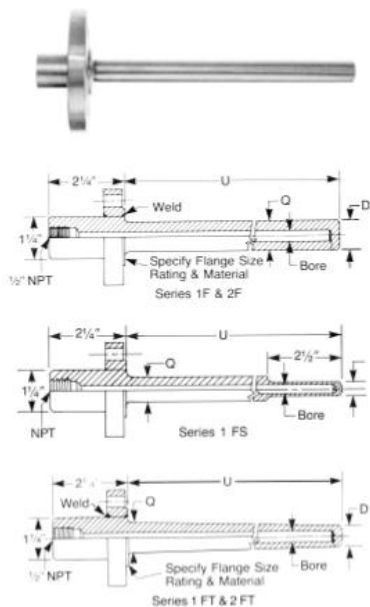
- Carbon Steel
- 304 & 316 Stainless Steel
- Monel
- Brass

Please refer to our order guide to assist in determining your needs. We can also provide technical design assistance and application suggestions. Give us a call.

Flanged Thermowells and Sleeves for Series 1F and 2F

Series F: Flanged Thermowells

- Type F - Straight Stem
- Type FT - Tapered Stem
- Type FS - Stepped Stem



A Leading Manufacturer of Quality Thermocouple and RTD Assemblies Since 1972

Bore	Q	D	Ordering Code			
			Style	Material	"U"	Flange
.260"	3/4"	3/4"	1F	Select Material Code from Here	Specify in Inches ----- Standard Lengths: 2", 4", 7", 10", 13", 16", 22"	**Series 1 ft & 2 ft Wells With 1" Flange Will Have Taper as Noted. ----- Specify Flange Size, Rating, Facing, Material Only if Different Material than Stem.
	3/4"	1/2"	1FS			
.260"	1 1/16"	5/8"	1FT			
.385"	7/8"	7/8"	2F			
.385"	1 1/16"	49/64	2FT			

How to Order:

Example: 1F36-10-1 1/2" x 300 RF
 Bore = .260"
 "Q" = 3/4"
 Material = 316 Stainless Steel Well
 "U" = 10"
 1 1/2" x 300#RF T316 Flange

Lagging: The 2.25" Head Dimension shown is standard. If additional length (LAG) is needed within the 2.25" dimension, specify by placing a "-T" followed by additional length required (in inches) between the material code and "U" dimension code.

Example: 2FT36-T3-10-1x150 RF

Note: The "T" dimension + 2 1/4" will be the length from the bottom of the flange to the open end of the well.

Sleeves for Series 1F and 2F Thermowells



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Sleeve Material	Ordering Code
Tantalum	TS
Zirconium	ZS
Specify	(Other)

How To Order:

Place Ordering Code as a Suffix Following the Flanged Well Part Number.

Example: 1F36-10-1 1/2"x 300 RF - TS Well as above with Tantalum Sleeve.