ASHCROFT®
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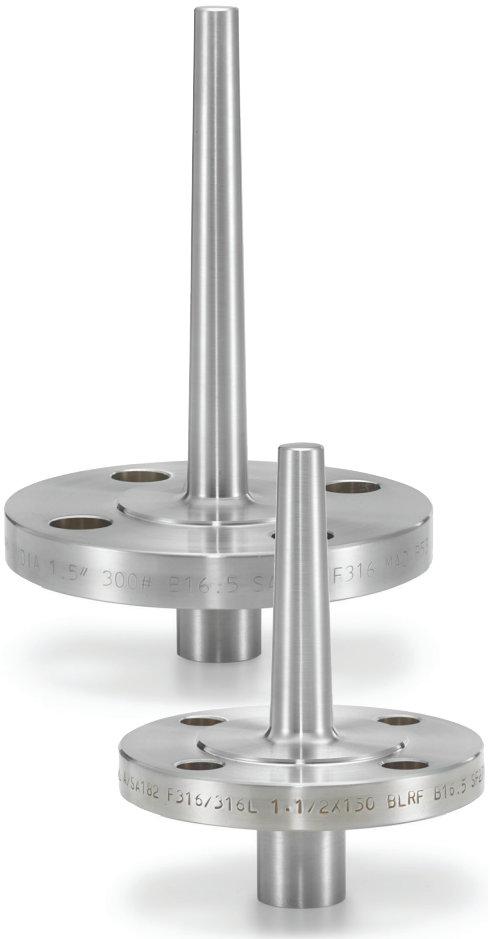
Flanged Thermowells



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 shank***
- ***Large selection of mill traceable materials***
- ***Stamped with material and heat number***
- ***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″, 1½″, 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:	½ 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

15	W	0700			H	F	260	C			R	150	
SIZE		U-DIMENSION	THREAD	LAGGING	SHANK	TYPE	BORE	MATERIAL	CAP & CHAIN	VARIATION	FACING	RATING	SPECIAL LAGGING LENGTH

CODE	INCHES
10	1
15	1½
20	2

CODE	INCHES
0200	2
0400	4
0700	7
1000	10
1300	13
1600	16
2200	22

CODE	LAGGING
–	Without
L	With

CODE	TYPE
F	Flanged

CODE	TYPE
C	304
S	316

CODE	RATING #
150	150
300	300
600	600
1500	1500
2500	2500

CODE	INTERNAL THD.
–	½ NPSM
2	½ NPT

CODE	SHANK
H	Tapered
S	Straight
R	Stepped

CODE	DIAMETER
260	.260
385	.385

CODE	MATERIAL
1	Brass
2	SS

CODE	FACING
F	Flat
R	Raised
J	Ring-Joint

All specifications are subject to change without notice.
All sales subject to standard terms and conditions.
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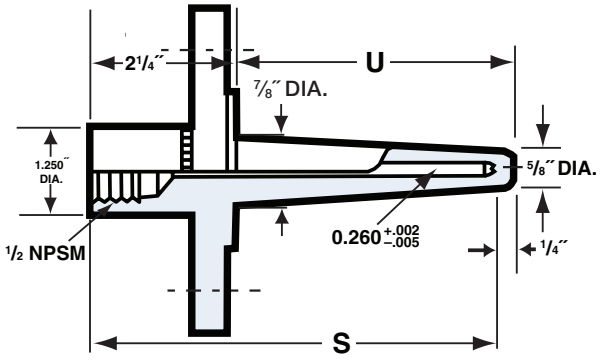
Flanged Thermowells

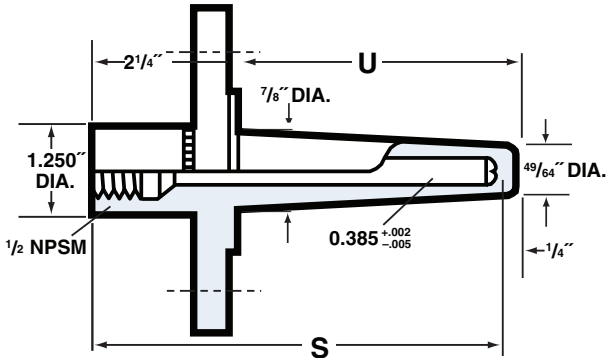
Raised Face

¼″ Nominal Bore



Raised Face

⅜″ 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

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