

Van Stone 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.

Van Stone thermowell is used when pressure, high velocity and corrosive process media exist. Designed to mate between two existing flanges. 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:	Van Stone
Shank Style:	Tapered
Bore Size:	.260, .385
Process	
Connection:	1, 1½
Materials:	304 SS, 316 SS
Instrument	
Connection:	½ NPSM standard, NPT or others optional

PRODUCT OPTIONS

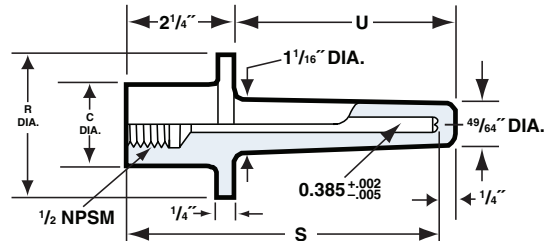
- Backing Flange
- SS tag
- Cap and chain

TYPICAL CODE

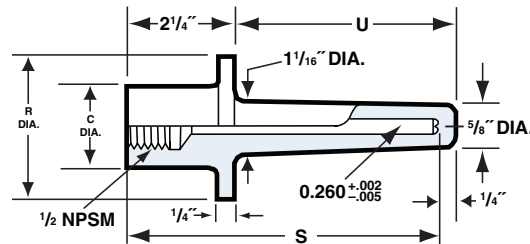
15 SIZE		W U-DIMENSION		0700 THREAD	LAGGING		H SHANK	V TYPE	260 BORE	C MATERIAL		CAP & CHAIN	VARIATION	FACING	RATING	SPECIAL LAGGING LENGTH
CODE	INCHES	CODE	INCHES		CODE	LAGGING	CODE	TYPE	CODE	TYPE	CODE	TYPE		CODE	RATING #	
10	1	0200	2		-	Without	V	Van Stone	C	304				150	150	
15	1½	0400	4		L	With			S	316				300	300	
		0700	7											600	600	
		1000	10											1500	1500	
		1300	13											2500	2500	
		1600	16													
		2200	22													
				CODE	INTERNAL THD.		CODE	SHANK	CODE	DIAMETER	CODE	MATERIAL		CODE	FACING	
				-	½ NPSM		H	Tapered	260	.260	1	Brass		L	Lap-Joint	
				2	½ NPT				385	.385	2	SS				

Van Stone Thermowells

3/8" Nominal Bore



1/4" Nominal Bore



P	R	C
1"	2.00"	1.315"
1 1/2"	2.87"	1.90"

Legend:

- U = Shank length underthreads
- P = Process connection NPT
- S = Bore depth = instrument element length including threads
- R = Raised face diameter
- C = Hub diameter

Dimensions (inches)			Part Number	
S	U	P	1/4" Bore	3/8" Bore
4	2	1	10W0200HV260	10W0200HV385
		1 1/2	15W0200HV260	15W0200HV385
6	4	1	10W0400HV260	10W0400HV385
		1 1/2	15W0400HV260	15W0400HV385
9	7	1	10W0700HV260	10W0700HV385
		1 1/2	15W0700HV260	15W0700HV385
12	10	1	10W1000HV260	10W1000HV385
		1 1/2	15W1000HV260	15W1000HV385
15	13	1	10W1300HV260	10W1300HV385
		1 1/2	15W1300HV260	15W1300HV385
18	16	1	10W1600HV260	10W1600HV385
		1 1/2	15W1600HV260	15W1600HV385
24	22	1	10W2200HV260	10W2200HV385
		1 1/2	15W2200HV260	15W2200HV385