

THERMOWELLS

APPLICATIONS

Thermowells protect temperature probes from pressure, flow and corrosion. Immerse the thermowell at least 2.5" (65mm) for accurate readings. The thermowell should extend beyond the center of the fluid stream without touching the opposite wall. Installation in an elbow or tee may be necessary for sufficient immersion in small pipes.

MATERIAL

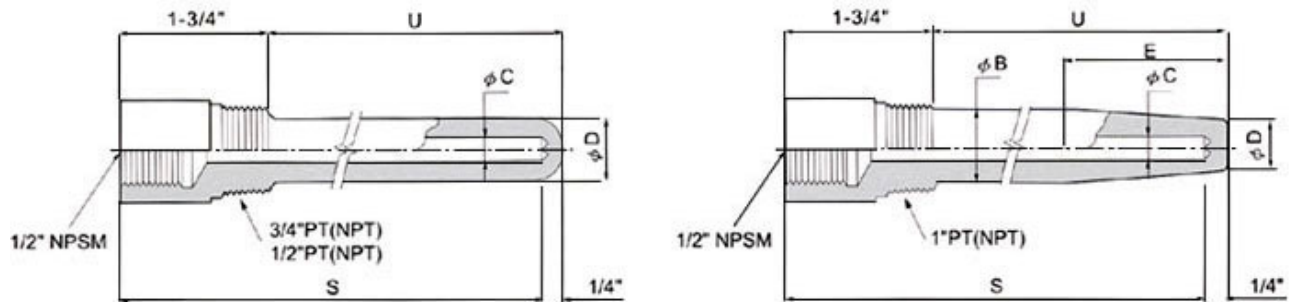
Stainless steel 304 ; stainless steel 316 ; stainless steel 316L ; brass
Options: PTFE (Teflon) or PFA coating

Type

Other sizes can be made-to-order



◆ Thread Type



Unit: inch / mm

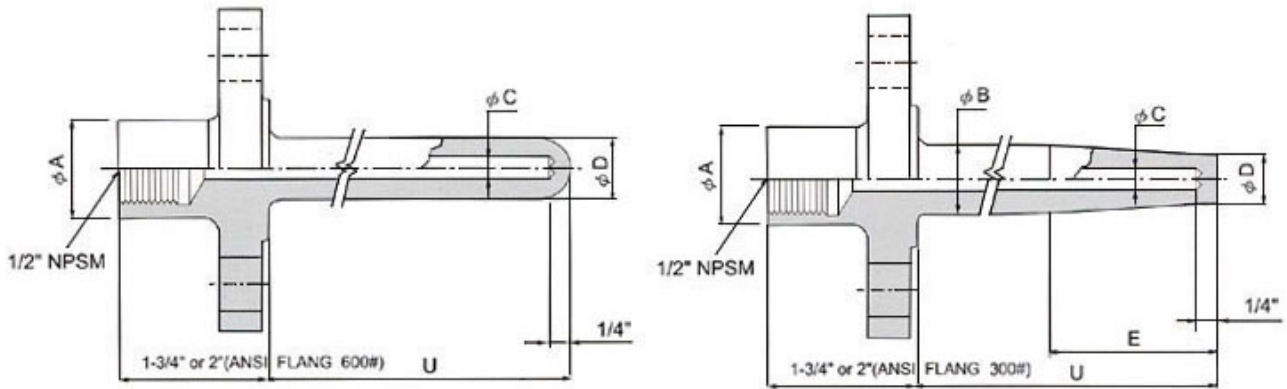
Thread	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"	1/2"	3/4"
S	2-1/2"		4"		6"		9"		12"		15"		18"	
U	1-5/8"		2-1/2"		4-1/2"		7-1/2"		10-1/2"		13-1/2"		16-1/2"	
D	Ø12.7	Ø15	Ø12.7	Ø15	Ø12.7	Ø15	Ø12.7	Ø15	Ø12.7	Ø15	Ø12.7	Ø15	Ø12.7	Ø15
C	Ø7		Ø7		Ø7		Ø7		Ø7		Ø7		Ø7	

Thread	1"	1"	1"	1"	1"	1"	1"
S	2-1/2"	4"	6"	9"	12"	15"	18"
U	1-5/8"	2-1/2"	4-1/2"	7-1/2"	10-1/2"	13-1/2"	16-1/2"
D	Ø15	Ø15	Ø15	Ø15	Ø15	Ø15	Ø15
C	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7	Ø7
B	20	Ø22	Ø22	Ø22	Ø22	Ø22	Ø22
E	1-5/8"	2-1/2"	3"	3"	3"	3"	3"

◆ **Flange Type**

ANSI FLANGE 150LB,300LB,600LB

Facing: RF, FF, RTJ



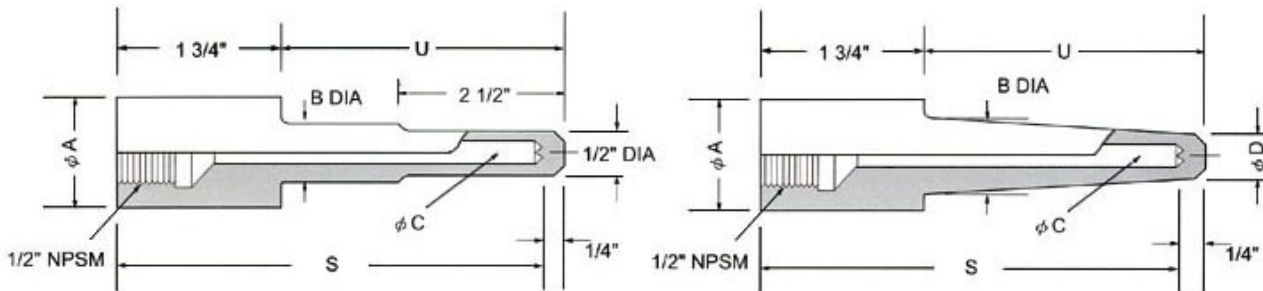
Unit: inch / mm

Flange	A	B	C	D	E
3/4"	Ø30	Ø15	Ø7	Ø15	-
1"	Ø30	Ø19	Ø7	Ø19	-
1-1/2"	Ø30	Ø22	Ø7	Ø15	3"
2"	Ø30	Ø22	Ø7	Ø15	3"

◆ **Socket Weld Type**

Stepped Shank

Tapered Shank



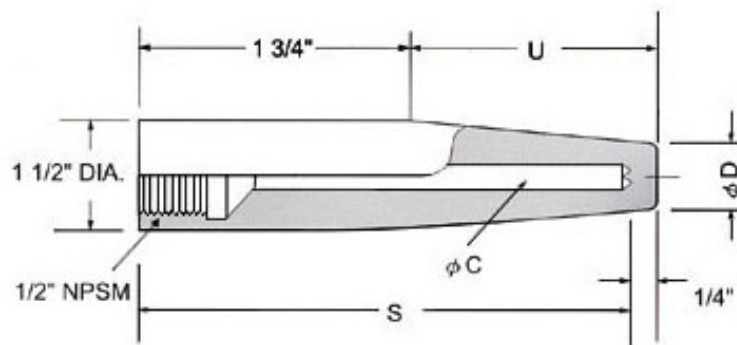
Unit: inch

Pipe Size	C	B	A	D
3/4"	Ø0.260"	Ø3/4"	Ø1.050"	Ø5/8"
1"	Ø0.260"	Ø7/8"	Ø1.315"	Ø5/8"
3/4"	Ø0.385"	Ø3/4"	Ø1.050"	Ø49/64"
1"	Ø0.385"	Ø7/8"	Ø1.315"	Ø49/64"

◆ **Weld-in Type**

Unit: inch

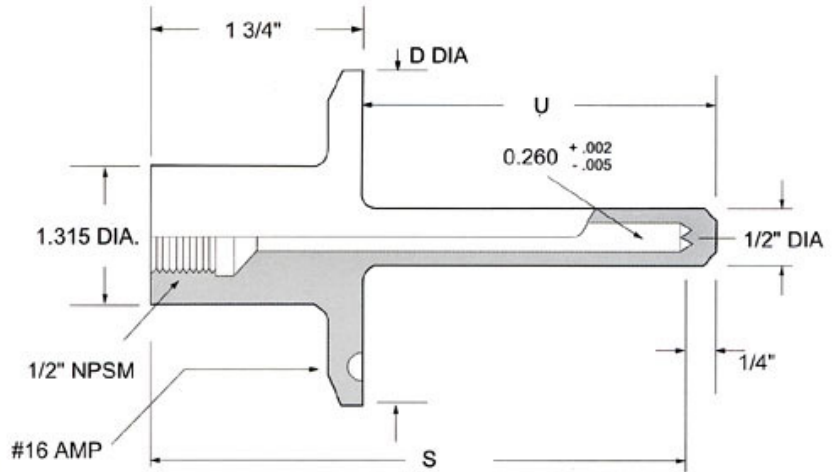
C	D
Ø0.260"	Ø5/8"
Ø0.385"	Ø49/64"



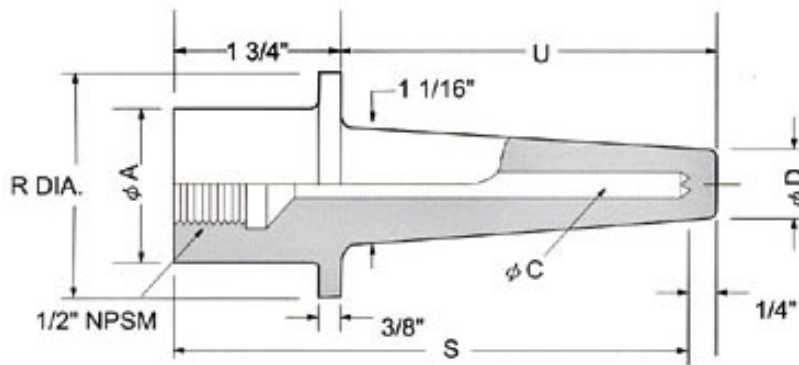
◆ Sanitary Type

Unit: inch

Clamp	D
1-1/2"	Ø1.984"
2"	Ø2.516"
2-1/2"	Ø3.047"
3"	Ø3.579"
4"	Ø4.682"



◆ Van Stone Type



Pipe Size	C	R	A	D
1"	Ø0.260"	Ø2"	Ø1.315"	Ø5/8"
1 1/2"	Ø0.260"	Ø2-7/8"	Ø1.900"	Ø5/8"
1"	Ø0.385"	Ø2"	Ø1.315"	Ø49/64"
1 1/2"	Ø0.385"	Ø2-7/8"	Ø1.900"	Ø49/64"