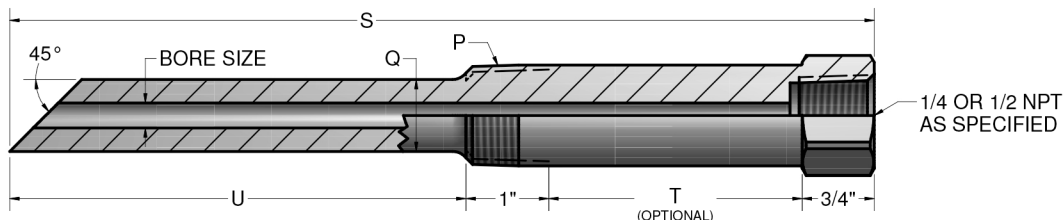


Straight-Shank, Gas Sampling Threaded Thermowells are available in a variety of materials, process connection sizes, lengths, and optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature and corrosion-resistance requirements. They are designed with a standard 0.260" or 0.385" bore diameter. As a standard, these Gas Sampling Thermowells are provided with a 45° tip.



Wells are made from round bar with milled wrench hex. 1 1/4" NPT and 1 1/2" NPT wells are supplied as round bar with milled wrench flats.

("U" length for non-lagging wells) = "S" - 1 3/4"

("U" length for lagging wells) = "S" - 1 3/4" - "T"

(To solve for "T"), "T" = "S" - "U" - 1 3/4" (When "U" and "S" are specified)

Thermowell Dimensions

"P"	"Q"
1/2" NPT	5/8" Dia.
3/4" NPT	3/4" Dia.
1" NPT	7/8" Dia.
1 1/4" NPT	1 1/4" Dia.
1 1/2" NPT	1 1/2" Dia.

ORDER CODES

Example Order Number:

1-0	1-1	1-2	1-3	1-4	1-5	1-6
PST	4	D	09	08	T2	C8S

1-0 Well Type

CODE	DESCRIPTION
PST	Straight-shank threaded - 1/2" NPT - internal connection
PSTB	Straight-shank threaded - 1/4" NPT - internal connection

1-1 Bore Size

CODE	DESCRIPTION
4	0.260 Dia. bore
6	0.385" Dia. bore

1-2 Pipe Size "P"

CODE	DESCRIPTION
C	1/2" NPT
D	3/4" NPT
E	1" NPT
F	1 1/4" NPT
G	1 1/2" NPT

1-6 Options

CODE	DESCRIPTION
C8	316 stainless steel well cap and chain
C22	Brass well cap and chain
S	Well stamped with customer-specified part number

1-5 Optional "T" Lag Dimension

CODE	DESCRIPTION
	Leave blank if no lag is required
T__	Specify "T" dimension in inches

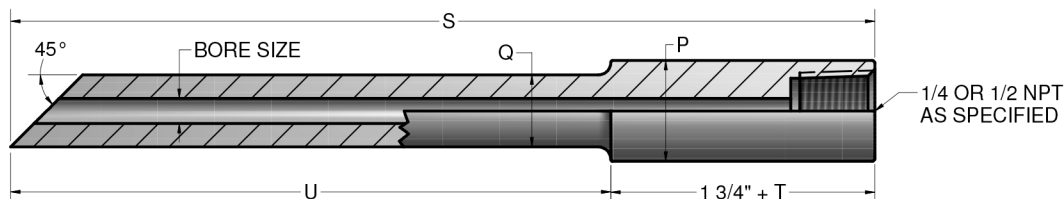
1-4 Material

CODE	DESCRIPTION
XX	Specify two digit material code

1-3 "S" Length

CODE	DESCRIPTION
XX	Specify length in inches using two digits plus fractional length ("U" ≤ 1.5 inches)

Straight-Shank, Gas Sampling Socket-Weld Thermowells are available in a variety of materials, process connection sizes, lengths, and optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature and corrosion-resistance requirements. The Straight-Shank, Gas Sampling Socket-Weld Thermowell is designed to be used with a 3000 class weld-o-let which allows the thermowell to be welded permanently into the process. They are designed with a standard 0.260" or 0.385" bore diameter. As a standard, these Gas Sampling Thermowells are provided with a 45° tip.



Thermowell Dimensions

"P" PIPE SIZE		"Q"
NOM.	DIA.	
3/4"	1.050"	3/4" Dia.
1"	1.315"	7/8" Dia.
1 1/4"	1.660"	1 1/4" Dia.
1 1/2"	1.900"	1 1/2" Dia.

("U" length for non-lagging wells) = "S" - 1 3/4"

("U" length for lagging wells) = "S" - 1 3/4" - "T"

(To solve for "T"), "T" = "S" - "U" - 1 3/4" (When "U" and "S" are specified)

ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 1-5 1-6
PSW 4 D 09 08 T2 C8S

1-0 Well Type

CODE	DESCRIPTION
PSW	Straight-shank socket-weld - 1/2" NPT - internal connection
PSWB	Straight-shank socket-weld - 1/4" NPT - internal connection

1-1 Bore Size

CODE	DESCRIPTION
4	0.260" Dia. bore
6	0.385" Dia. bore

1-2 Pipe Size "P"

CODE	DESCRIPTION
D	3/4" NPS
E	1" NPS
F	1 1/4" NPS
G	1 1/2" NPS

1-6 Options

CODE	DESCRIPTION
C8	316 stainless steel well cap and chain
C22	Brass well cap and chain
S	Well stamped with customer-specified part number

1-5 Optional "T" Lag Dimension

CODE	DESCRIPTION
	Leave blank if no lag is required
T__	Specify "T" dimension in inches

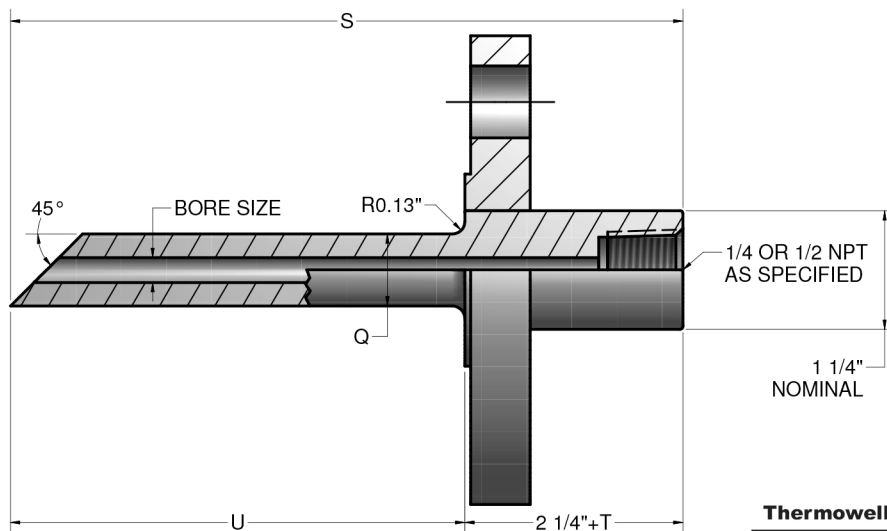
1-4 Material

CODE	DESCRIPTION
XX	Specify two digit material code

1-3 "S" Length

CODE	DESCRIPTION
XX	Specify length in inches using two digits plus fractional length ("U" ≤ 1.5 inches)

Standard Flanged, Gas Sampling Thermowells are available in a variety of materials, flange types, flange sizes, and pressure ratings. They are also available in various lengths and with optional lagging extensions. Thermowell specifications should be determined based on process conditions which include strength, temperature and corrosion-resistance requirements. Standard flanged thermowells are supplied with a straight shank and are designed with a 0.260" or 0.385" bore diameter. As a standard, these Gas Sampling Thermowells are provided with a 45° tip.



("U" length for non-lagging wells) = "S" - 2 1/4"

("U" length for lagging wells) = "S" - 2 1/4" - "T"

(To solve for "T"), "T" = "S" - "U" - 2 1/4" (When "U" and "S" are specified)

Thermowell Dimensions

BORE	"Q" Dim.
0.260	3/4"
0.385	7/8"

ORDER CODES

Example Order Number:

1-0 1-1 1-2 1-3 1-4 1-5 1-6 1-7 1-8
PSF 4 15 R 1 09 08 T2 C8S

1-0 Well Type

CODE	DESCRIPTION
PSF	Standard flanged - 1/2" NPT - internal connection
PSFB	Standard flanged - 1/4" NPT - internal connection

1-1 Bore Size

CODE	DESCRIPTION
4	0.260" Dia. bore
6	0.385" Dia. bore

1-2 Flange Size

CODE	DESCRIPTION
10	1" (DN 25)
13	1 1/4" (DN 32)
15	1 1/2" (DN 40)
20	2" (DN 50)
30	3" (DN 80)

1-3 Flange Type

CODE	DESCRIPTION
F	Flat face
J	Ring joint
R	Raised face

1-4 Pressure Rating

CODE	DESCRIPTION
1	150 Class
3	300 Class
6	600 Class
9	900 Class
15	1500 Class

1-8 Options

CODE	DESCRIPTION
C8	316 stainless steel well cap and chain
C22	Brass well cap and chain
F	Full penetration weld
S	Well stamped with customer-specified part number

1-7 Optional "T" Lag Dimension

CODE	DESCRIPTION
	Leave blank if no lag is required
T__	Specify "T" dimension in inches using two digits plus any fractional length

1-6 Material

CODE	DESCRIPTION
XX	Specify two digit material code

1-5 "S" Length

CODE	DESCRIPTION
XX	Specify length in inches using two digits plus fractional length ("U" ≤ 1.5 inches)