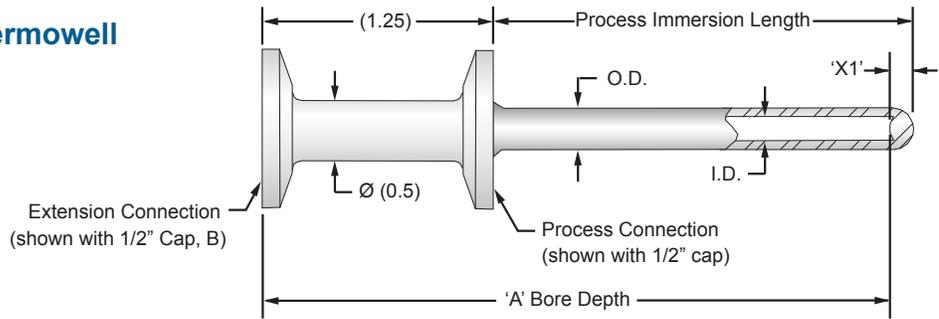


SWT Standard Sanitary Thermowell

Specifications

SWT- Standard Sanitary Thermowell

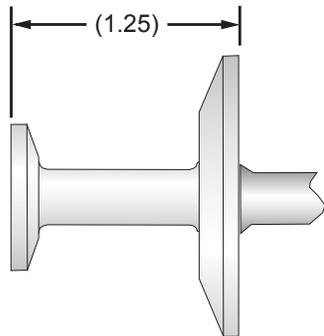


'A' Bore Depth = Extension Length + Process Immersion - X1
'A' Bore Depth = 'C' Compressed Sheath Length

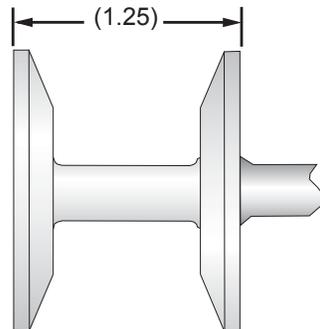
All dimensions in inches.

SWT (Standard Sanitary Thermowells) are used in applications that require sensor removal during process operation. The SWT is designed to be used with the S60 and S65 sanitary spring loaded sensors to create a complete sanitary assembly. Simply match the thermowell bore depth 'A' to the sensor compressed sheath length 'C'. The SWT can also be used with our Series 100, 200 and 300 spring loaded sensors by selecting the 1/2 inch NPT threaded extension connection, code 'A'.

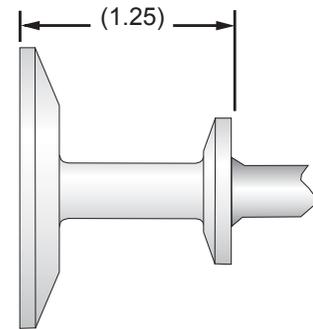
Extension and Process Connection Types



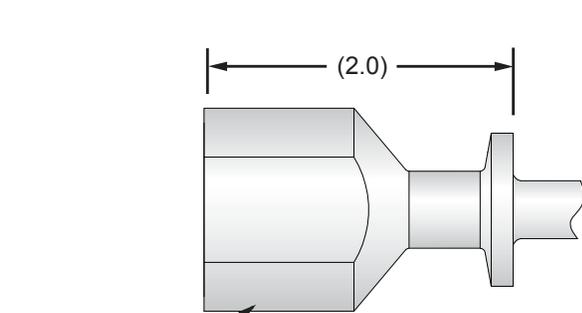
Extension Connection: 1/2", Code B
Process Connection*: 1 1/2, Code T15



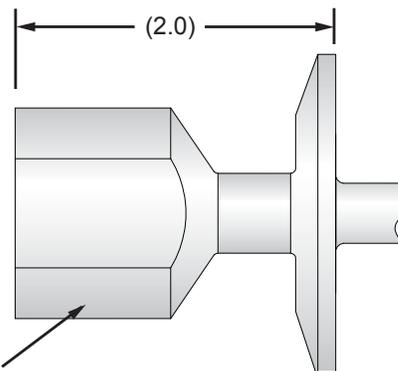
Extension Connection: 1 1/2", Code C
Process Connection*: 1 1/2, Code T15



Extension Connection: 1 1/2", Code C
Process Connection*: 1/2, Code T05



Ø 1.315" with 1.125" Wrench Flats
Extension Connection: 1/2", NPT, Code A
Process Connection*: 1/2, Code T05



Ø 1.315" with 1.125" Wrench Flats
Extension Connection: 1/2", NPT, Code A
Process Connection*: 1 1/2, Code T15

* The Process Connection is also available in 2", 2 1/2", 3" and 4" sizes

All dimensions in inches.

SWT Standard Sanitary Thermowell

Ordering Information

SWT Sanitary Thermowell, Standard

Process Connection

(Used with tube sizes)

-T05	1/2" Hygienic Ferrule	1/2", 3/4"
-T15	1 1/2" Hygienic Ferrule	1", 1 1/2"
-T20	2" Hygienic Ferrule	2"
-T25	2 Hygienic Ferrule	2"
-T30	3" Hygienic Ferrule	3"
-T40	4" Hygienic Ferrule	4"

Material Type

03	316 Stainless Steel
06	316L Stainless Steel

Process Immersion Length

0250	2.5 inches
0300	3.0 inches
0400	4.0 inches
0450	4.5 inches
0600	6.0 inches

Specify Process Immersion Length in Inches (12" = 1200)

Bore Diameter

	O.D.	I.D.	Tolerance	Dimension 'X1'
A	0.375"	0.260"	+0.005/-0.003"	0.25"
B	0.375"	0.305"	±0.010"	0.25"
C	0.250"	0.194"	+0.004/-0.000"	0.25"
D	0.188"	0.144"	±0.005"	0.12"
E	0.455"	0.385"	+0.005/-0.003"	0.25"
F	0.188"	0.135"	±0.005"	0.12"

Extension Connection

Extension Length

A	1/2" NPT Threaded Connection	2.0"
B	1/2" Hygienic Ferrule	1.25"
C	1 1/2" Hygienic Ferrule	1.25"

Wetted Surface Finish

M32	32 Ra mechanical finish, max.
M25	25 Ra mechanical finish, max.
M20	20 Ra mechanical finish, max.
M15	15 Ra mechanical finish, max.
E32	32 Ra mechanical finish, max. with electropolish
E25	25 Ra mechanical finish, max. with electropolish
E20	20 Ra mechanical finish, max. with electropolish
E15	15 Ra mechanical finish, max. with electropolish
E10	10 Ra mechanical finish, max. with electropolish



Basic Ordering Codes

1/2" NPT Threaded Extension Connection, (A)

Process Immersion Length	'X1' Dimension, Nominal		Bore Depth, Nominal
	Process Immersion Length	'X1' Dimension, Nominal	
1.25"	0.25"	3.00"	
1.25"	0.12"	3.13"	
2.50"	0.25"	4.25"	
2.50"	0.12"	4.38"	
3.00"	0.25"	4.75"	
3.00"	0.12"	4.88"	
5.00"	0.25"	6.75"	
5.00"	0.12"	6.88"	
Specify	0.25"	Immersion Length + 1.75	
Specify	0.12"	Immersion Length + 1.88	

Hygienic Ferrule Extension Connection, (B & C)

Process Immersion Length	'X1' Dimension, Nominal		Bore Depth, Nominal
	Process Immersion Length	'X1' Dimension, Nominal	
1.25"	0.25"	2.25"	
1.25"	0.12"	2.38"	
2.50"	0.25"	3.50"	
2.50"	0.12"	3.63"	
3.00"	0.25"	4.00"	
3.00"	0.12"	4.13"	
5.00"	0.25"	6.00"	
5.00"	0.12"	6.13"	
Specify	0.25"	Immersion Length + 1.00	
Specify	0.12"	Immersion Length + 1.13	

Note: The SWT includes certification of wetted surface materials, finish and electropolish when applicable.