



Thermowell Connection

1/2" NPT female connection standard
Other thread sizes are available upon request

Process Connection

1.5"(40mm), 2"(50mm)/ Tri-Clamp

Material

316 SS

Stem Length

2.5" (100mm) , 4" (100mm) , 6" (150mm) , 9" (228.6mm)
Other length are available upon request

Ordering Code TSA Series

(Continued on the following page)

	TSA	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	-	<input type="text"/>	<input type="text"/>	<input type="text"/>
		↑		↑		↑		↑		↑		↑		↑		↑		↑	
Shank Style																			
Stepped		SM																	
Straight		SH																	
Tapered		ST																	
Materials																			
304 SS				2															
316 SS				5															
316L SS				L															
Special requests				Z															
Instrument Connection Size																			
1/4"						4													
1/2" standard						2													
3/4"						5													
3/8"						3													
Special requests						Z													
Instrument Connection Threaded Standard																			
NPT										N									
G (B)										G									
BSP(P)										B									
BSPT										P									
M20 X 1.5										M									
Special requests										Z									
Overall Length "L" in mm																			
4" (100mm)											0	4	0						
120mm											1	2	0						
150mm											1	5	0						
Others, please specify the length in mm											X	X	X						
Length "H" Dimension in mm																			
45mm, standard, lag length "T" = 0																			4 5
Others please specify "H" in mm with 45mm add lag length "T" in mm																			Z Z
Immersion Length "U" (Excluded Thread Length) in mm																			
2.5" (63mm)																			0 2 5
4" (100mm)																			0 4 0
Others, please specify the length in mm																			X X X

NOTE

Only when U ≤ 1500mm, a thermowell is machined from one bar stock
 U > 1500mm, a thermowell is welded from two components

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Ordering Code TSA Series

TSA - - - -

Sanitary Pressure Connection Size

1 - 1/2" Tri-clamp	1
2" Tri-clamp	2
2 - 1/2" Tri-clamp	3
3" Tri-clamp	4

Bore Diameter "B" in mm

6.6mm	66
7mm	07
9mm	09
10mm	10
12mm	12
Others, please specify the length in mm	XX (e.g.14mm)

Root Outside Diameter "Q" in mm

16mm	16
18mm	18
20mm	20
22mm	22
24mm	24
Others, please specify the length in mm	XX (e.g.26mm)

Tip Outside Diameter "D" in mm

16mm	16
18mm	18
20mm	20
22mm	22
24mm	24
Others, please specify the length in mm	XX (e.g.26mm)

Option

Oxygen Service	VN
Please specify the length in mm for step length M Stepped style not 2.5"	ZZ

NOTE – USER RESPONSIBILITY

For most industrial applications, a properly selected thermowell must be based on application parameters: fluid type, temperature, pressure, and fluid velocity. Most thermowell failures are due to vibration induced by fluid flow.

Sanitary Thermowells

