Thermowells

50/75/100 SERIES

- Allows a temperature instrument to be removed and replaced without shutting down and draining the process
- Reduces the possibility of damage to the temperature instrument
- Provides protection to the operator
- 1/2" NPSM instrument connection, 3/4" NPT process connection standard - 1/2" NPT, 1" NPT, flanged and sanitary options available
- The Female thread will accept the 1/2" NPT Male thread without galling or seizing
- Brass, 304 stainless steel, or 316 stainless steel standard material options - other options available
- Standard style is stepped, available in straight, tapered and lagging options

APPLICATIONS

- Recommended wherever the process being measured is under pressure, corrosive, abrasive, or moving at a high velocity
- HVAC
- Petrochemical
- Oil and gas

SPECIFICATIONS	
Bore size	0.260" (6.35 mm)
Process connection	1/2" NPT, 3/4" NPT, 1" NPT
Instrument connection	1/2" NPSM
Materials	316 stainless steel, 304 stainless steel, brass
Presssure rating	316 and 316 stainless steel: 7,000 psi @ 70 °F Brass: 5,000 psi @ 70 °F
Style	≤4": Straight shank >4": Stepped shank
Maximum shank diameter	0.750" (19.05 mm)
Options	Plug and chain, high polish stem finish, PTFE or PVDF coating, hydrostatic internal testing, NACE compliance, velocity calculation

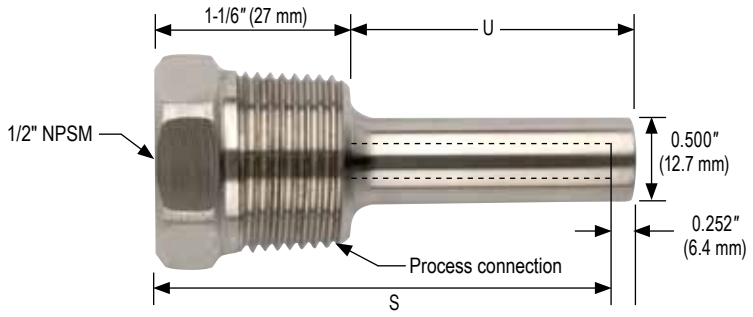
ORDERING INFORMATION								
PROCESS CONNECTIONS	**50**	1/2" NPT	**75**	3/4" NPT	**100**	1" NPT		
STEM LENGTHS	**025**	2-1/2"	**060**	6"	**120**	12"	**180**	18"
	040	4"	**090**	9"	**150**	15"	**240**	24"
MATERIALS	**BRASS**	Brass Other materials available on request	**304SS**	304 Stainless steel	**316SS**	316 Stainless steel		
OPTIONS	**1/4**	1/4" NPT Instrument Connection	**3/8B**	3/8" Diameter Bore	**PC**	Plug and Chain		

Please consult your local NOSHOK Distributor or NOSHOK, Inc. for availability and delivery information.

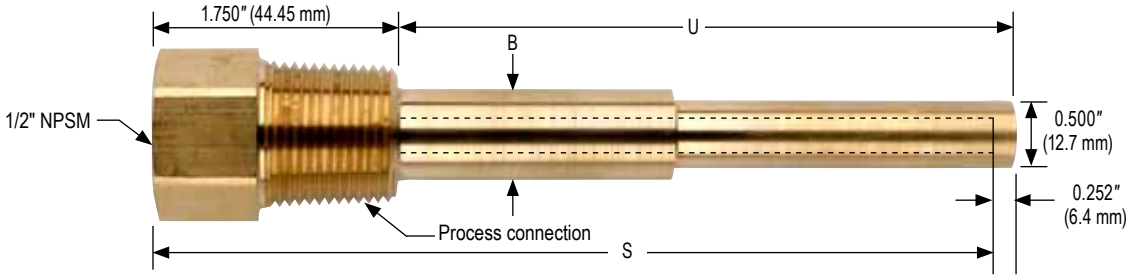
EXAMPLE **75 – 090 – 304SS – PC**

Process connection .....3/4" NPT
Stem length .....9"
Material ..... 304 stainless steel
Options ..... Plug and chain

Straight Shank



Stepped Shank



Bore Size	"B" Maximum Insertion Diameter
0.260" (6.35 mm)	3/4" (19.05 mm)

		Straight		Stepped					
Insertion "U"	mm inch	41.3 1-5/8	63.5 2-1/2	114.3 4-1/2	190.5 7-1/2	266.7 10-1/2	342.9 13-1/2	419.1 16-1/2	571.5 22-1/2
Bore Depth "S"	mm inch	63.5 2-1/2	101.6 4	152.4 6	228.6 8	304.8 12	381.0 15	457.2 18	609.6 24
Ordering Code		**025**	**040**	**060**	**090**	**120**	**150**	**180**	**240**