

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

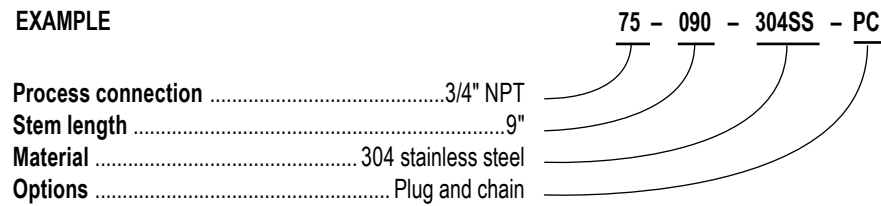
SPECIFICATIONS

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
Pressure 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

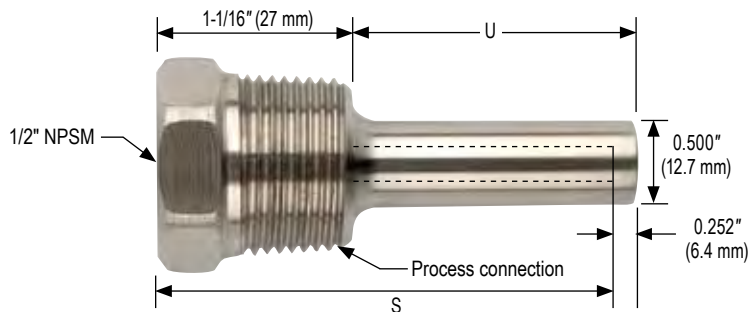
ORDERING INFORMATION				
PROCESS CONNECTIONS	50 1/2" NPT	75 3/4" NPT	100 1" NPT	
STEM LENGTHS	025 2-1/2"	060 6"	120 12"	180 18"
	040 4"	090 9"	150 15"	240 24"
MATERIALS	BRASS Brass <small>Other materials available on request</small>	304SS 304 Stainless steel	316SS 316 Stainless steel	
OPTIONS	1/4 1/4" 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.

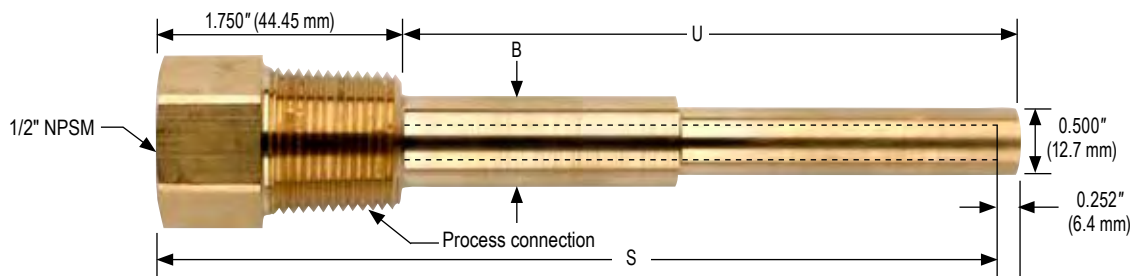
EXAMPLE



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	41.3	63.5	114.3	190.5	266.7	342.9	419.1	571.5
	inch	1-5/8	2-1/2	4-1/2	7-1/2	10-1/2	13-1/2	16-1/2	22-1/2
Bore Depth "S"	mm	63.5	101.6	152.4	228.6	304.8	381.0	457.2	609.6
	inch	2-1/2	4	6	9	12	15	18	24
Ordering Code		025	040	060	090	120	150	180	240