

WELDED THERMOWELLS

REOTEMP Welded Thermowells make it possible to remove an instrument without dropping pressure or losing the contents of the process. Thermowells also protect the instrument from getting bent by the process media. Weld-in thermowells are welded directly to a pipe or tank, providing a very high quality connection. Because they are welded, they should only be used when access is not required and corrosion is not an issue. Common installations include high temperature and high pressure applications with non-corrosive media. REOTEMP weld-in thermowells are machined from bar stock.



Socket Weld

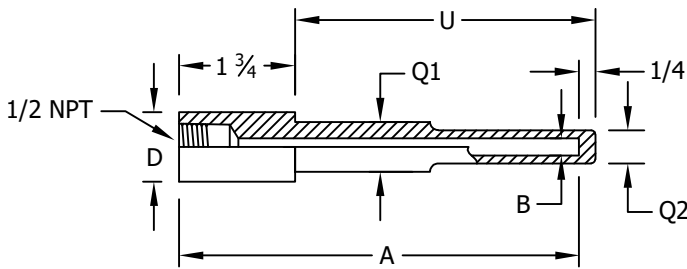


FEATURES / BENEFITS

- High Quality Connection
- Ideal for High Temperature and High Pressure Applications with Non-corrosive Media
- Socket Weld or Standard Weld-in
- Easy Removal of Instrument for Calibration or Replacement

OPTIONS

- Wake Frequency Calculation
- Hydrostatic Test
- NACE Certified
- Material Certificate
- Special Marking (Stamping)
- Plug & Chain
- PMI



All dimensions are in inches.

SOCKET WELD STEPPED SHANK

Bore Dia. "B"	Nominal Pipe Size "P"	O.D. "D"	Shank Dia. "Q1" (U≤2.5)	Shank Dia. "Q1" (U>2.5)	Shank Dia. "Q2"
.260"	3/4"	1.050"	.500"	.750"	.500"
.260"	1"	1.315"	.750"	.875"	.500"
.260"	1.5"	1.900"	1.000"	1.120"	.500"

SOCKET WELD STRAIGHT SHANK

Bore Dia. "B"	Nominal Pipe Size "P"	O.D. "D"	Shank Dia. "Q2" (U≤2.5)	Shank Dia. "Q2" (U>2.5)
.260"	3/4"	1.050"	.500"	.750"
.260"	1"	1.315"	.750"	.875"
.260"	1.5"	1.900"	1.00"	1.12"
.385"	3/4"	1.050"	.766"	.766"
.385"	1"	1.315"	.766"	.875"
.385"	1.5"	1.900"	1.00"	1.12"

SOCKET WELD TAPERED SHANK

Bore Dia. "B"	Nominal Pipe Size "P"	O.D. "D"	Shank Dia. "Q1"	Shank Dia. "Q2"
.260"	3/4"	1.050"	.750"	.625"
.260"	1"	1.315"	1.000"	.625"
.260"	1.5"	1.900"	1.370"	.625"

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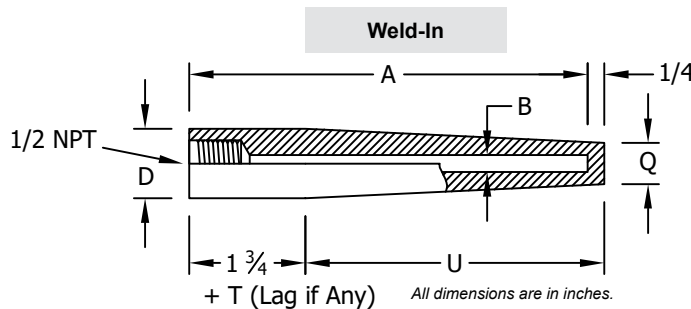


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HOW TO ORDER: Choose options to build a part number. For example: **SW6316-P1T-ML**

SW	6	316	-	P1	T		-ML
TYPE	"A" STEM LENGTH	MATERIAL	PROCESS CONNECTION	SHANK	BORE DIAMETER	OPTIONS	
SW = Socket Weld SWL = Socket Weld w/ Lagging WI = Weld-In WIL = Weld-In w/ Lagging	2.5 = 2.5" 4 = 4" 6 = 6" 9 = 9" 12 = 12"	304 = 304SS 316 = 316SS 316L = 316L SS B = Brass C = Carbon Steel (1018) G = Hastelloy B H = Hastelloy C M = Monel/A400 T = Titanium Y = Inconel 600 A = Alloy 105 Carbon Stainless Steel D = Alloy 20 F = F5 Alloy P = PTFE Coated 316SS N = F22 Alloy Other materials available. Contact REOTEMP customer service for more information.	" " = 3/4" Pipe Nominal (1.050" OD) (std.) P1 = 1" Pipe Nominal (1.315" OD) P2 = 1.5" Pipe Nominal P3 = 2" Pipe Nominal	" " = Stepped (std.)* T = Tapered S = Straight *Not available with .385 bore.	" " = .260 (std.) B3 = .385 B5 = .515 I3 = 3/4" NPT Internal Thread Other bore and internal thread sizes available.	EP = External Pressure Test IT = Internal Pressure Testing (5 min. test) MT = Material Certificate ML = Mill Certificate MR = NACE MR-01-75 Approval M3 = NACE MR-01-03 Approval PM = Positive Material Identification (PMI) P4 = SS 304 Plug & Chain P6 = SS 316 Plug & Chain PB = Brass Plug & Chain R2 = Special Surface Finish (Ra 20 max) T1 = Tantalum Coating/ Halar Coating T2 = Teflon Coating (Specify PFA or PTFE) T3 = Tungsten Carbide Coating TM = Special Marking (Stamping) TS = SS Tag (attached) WK = Wake Frequency Calculation	



WELD-IN TAPERED SHANK			
Bore Dia. "B"	Nominal Pipe Size "P"	O.D. "D"	Tip Dia "Q"
.260 in	3/4"	1.050"	.625"
	1"	1.315"	.766"
.385 in	3/4"	1.050"	.625"
	1"	1.315"	.766"