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.

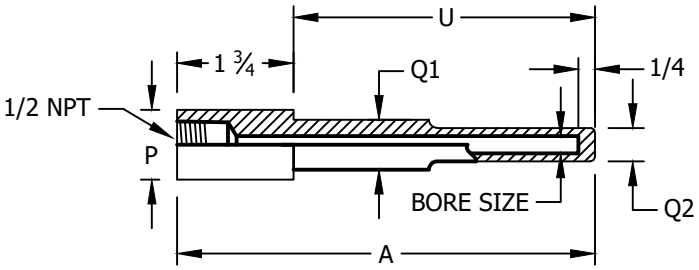
Socket Weld

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
- Positive Material Identification (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

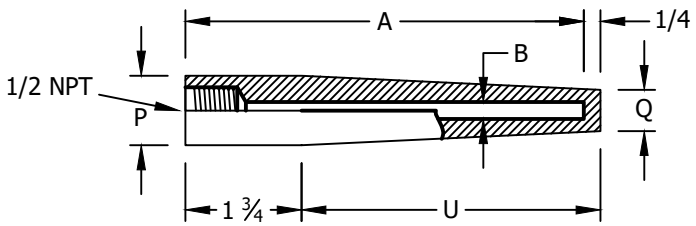
Bore Dia. "B"	Nominal Pipe Size "P"	O.D. "D"	Shank Dia. "Q1"	Shank Dia. "Q2"
.260"	3/4"	1.050"	.750"	.625"
.260"	1"	1.315"	1.000"	.625"
.260"	1.5"	1.900"	1.370"	.625"

WELDED THERMOWELLS

BUILD YOUR THERMOWELL: 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 **5** = F5 Alloy **P** = PTFE Coated 316SS **N** = F22 Alloy Other materials available. Contact Reotemp customer service for more information.	= Leave blank for 3/4" Pipe Nominal (1.050" OD) (std.) **-P1** = 1" Pipe Nominal (1.315" OD) **-P2** = 1.5" Pipe Nominal **-P3** = 2" Pipe Nominal	= Leave blank for Stepped (std.)* **T** = Tapered **S** = Straight *Not available with .385 bore.	= Leave blank for.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



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"