Accessories - Thermowells

Pressures to 20,000 psi (1379 bar)

Thermowells are used to provide isolation between a temperature sensor and the environment, such as liquid or gas. Thermowells protect the sensor from pressure, corrosion, abrasion or vibration caused by the process medium. Thermowells allow the temperature sensor to be removed and replaced without compromising either the ambient region or the process.

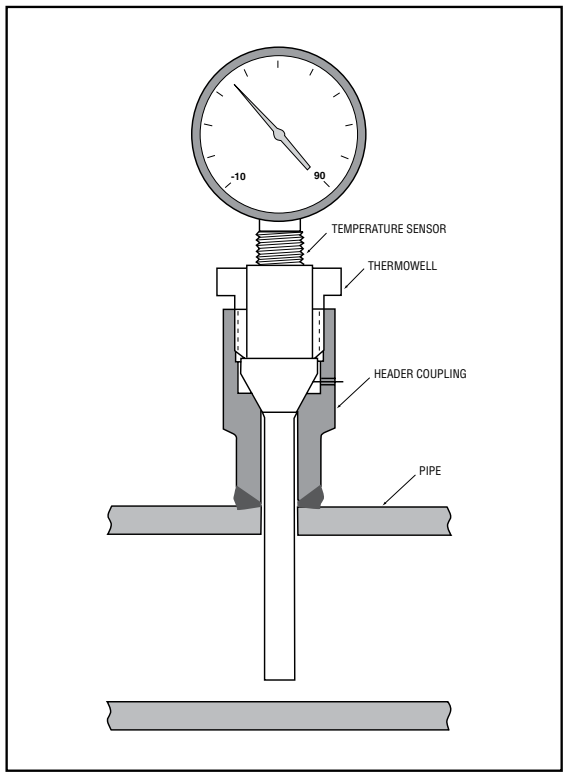
Parker Autoclave Engineers manufactures thermowells from solid bar stock to accommodate applications in the petro-chemical, chemical, refining, power and other process industries for many years.

Parker Autoclave Engineers manufactures 316SS thermowells capable of connecting to a 1" (SF1000CX) Parker Autoclave Engineers female medium pressure connection.

Care must be taken in determining the material used for the thermowell as well as other factors. Parker Autoclave Engineers offers design assistance that includes pressure, temperature and vibration effect of the fluids. This vibration can cause well stem failure.
Standard and special thermowell materials available:

- 316 Stainless Steel
- Hastelloy
- Inconel
- Connection gland included

To order Parker Autoclave Engineers thermowell assemblies, please refer to our order guide to assist in determining your needs. Contact your local representative or the factory for technical assistance and application suggestions.

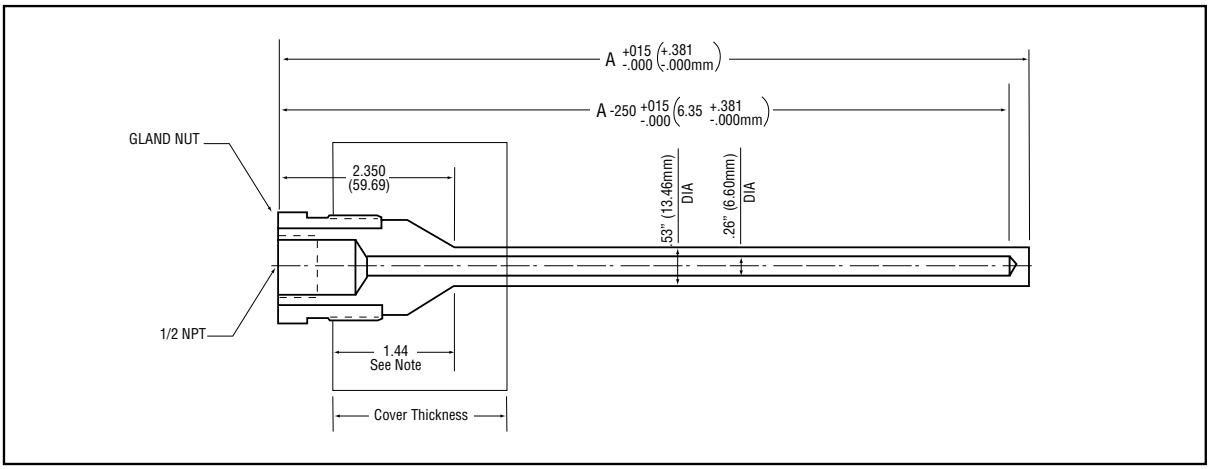


Typical Thermowell Assembly

All general terms and conditions of sale, including limitations of our liability, apply to all products and services sold.

Ordering Information

Catalog Number	Dimesion "A" in (mm)	Pressure Rating PSI (bar)
TW02.75	2.75 (70.68)	20,000 (1379)
TW03.12	3.12 (79.25)	20,000 (1379)
TW03.86	3.86 (98.04)	20,000 (1379)
TW04.25	4.25 (107.95)	20,000 (1379)
TW04.50	4.50 (114.30)	20,000 (1379)
TW05.50	5.50 (139.70)	20,000 (1379)
TW05.75	5.75 (146.05)	20,000 (1379)
TW06.25	6.25 (158.75)	20,000 (1379)
TW07.00	7.00 (177.80)	20,000 (1379)
TW07.50	7.50 (190.50)	20,000 (1379)
TW010.00	10.00 (254.00)	20,000 (1379)
TW012.00	12.00 (304.80)	20,000 (1379)



Note: Thermowells fit Autoclave's 1" medium pressure connection. (SF1000-CX). 1" connection insertion length is 1.44" (36.76).

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