

The promise of precision, every time.



[www.mac-weld.com](http://www.mac-weld.com)

Revised (08/04/2022)

## Socket-Weld Thermowells

Designed for high pressure and/or high flow process applications

**Our use of high quality materials and design ensure our thermowells are the first choice for use in the chemical and petrochemical industries.**

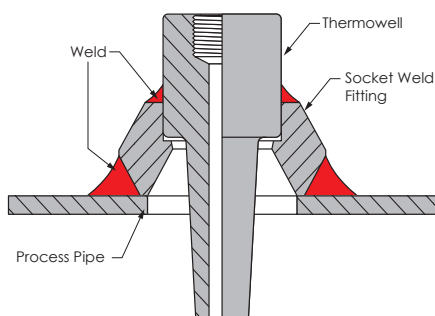
At Mac-Weld we work with our clients to select the thermowell requirements based on the job specifications. This ensures optimal protection of the sensor to get precise measurements.

Our socket-weld thermowells are designed and manufactured 100% in house, and are made to accept standard and custom made thermometers, thermocouples, bulbs and RTD's. Socket-weld thermowells are typically used when contaminants could collect in exposed threads, such as pharmaceutical or food processing production.

Available in a wide variety of process pipe sizes and configurations, the Mac-Weld socket-weld thermowell is the perfect fit for your project.

### Features & Benefits:

- Custom software for thermowell design calculations
- Available in various shank styles; stepped, straight and tapered
- CRN approved thermowells
- Various NDT options
- NACE compliant
- Standard or customized shank dimensions and styles
- Large selection of materials available





# SOCKET-WELD THERMOWELLS

## Product Part Breakdown

Visit [www.mac-weld.com](http://www.mac-weld.com) for a complete list of available part options specific to each type and style of thermowell.

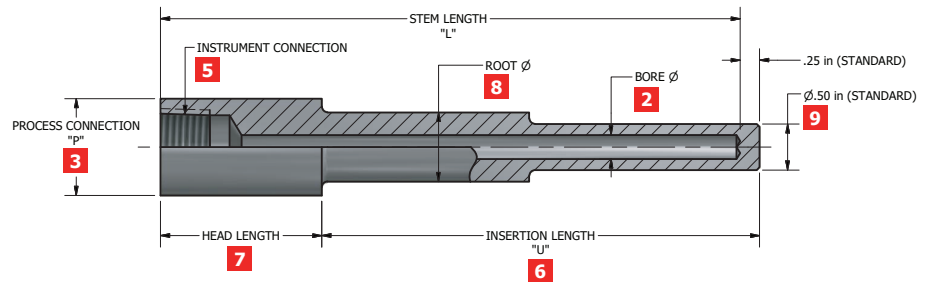
1	Thermowell Stem Style
2	Bore Size
3	Process Connection
4	Material
5	Instrument Connection
6	Insertion Length
7	Head Length
8	Root Diameter
9	Tip Diameter
10	Unit of Measurement

We have one of the largest selection of thermowells available, including dozens of styles and configurations.

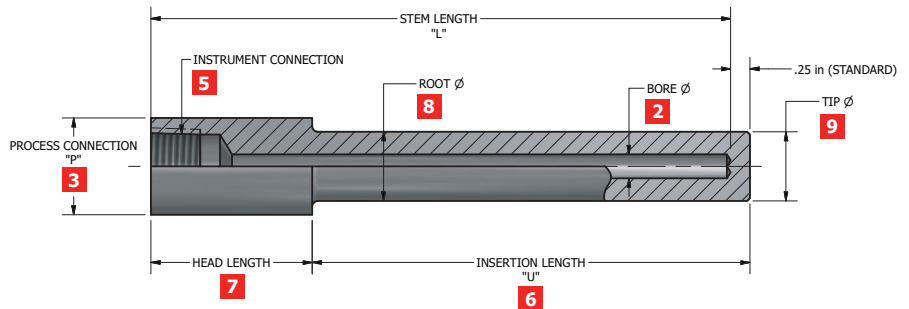
- Flanged
- Threaded
- Socket-Weld
- Vanstone
- Weld-In
- Tri-Clamp
- Limited Space
- Helical



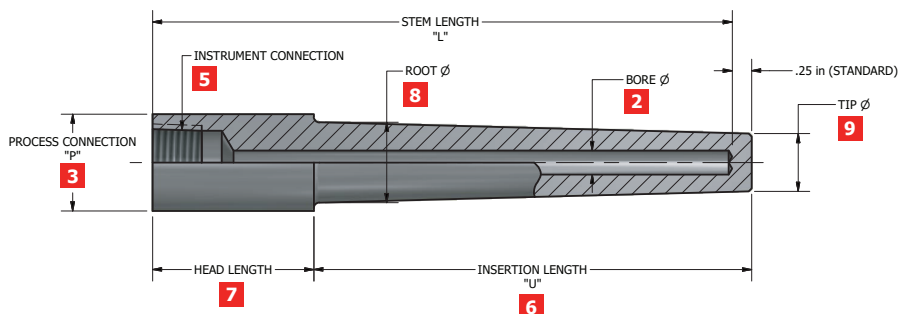
## 1 Stepped Socket-Weld (TW21)



## 1 Straight Socket-Weld (TW22)



## 1 Tapered Socket-Weld (TW23)



North America's Leading Instrumentation Hardware Manufacturer

- ✓ Thermowells
- ✓ Orifice Plates
- ✓ Bleed & Flush Rings
- ✓ Pressure Vessels
- ✓ Valves & Manifolds
- ✓ Specialty Products