

The promise of precision, every time.



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

Revised (07/25/2022)

## Flanged Thermowells

Our flanged thermowells are designed and manufactured 100% in house

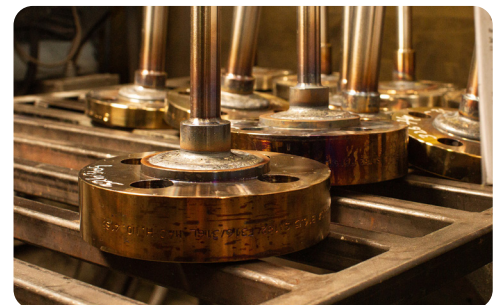
**Our thermowells are used in demanding conditions of intense pressure and temperature, across a wide variety of industries.**

As a pioneer and global leader in manufacturing thermowells, we ensure the highest quality and precision in every piece we manufacture.

Whether they are custom-made for highly specialized measurements or they are standard configuration, each and every thermowell is built to meet or exceed accepted standards. Since all our thermowells are made to order and manufactured on site, our clients have the ability to mix various material types between the flange and thermowell.

### Features & Benefits:

- Our thermowells are made to order with expedited lead times available
- Raised face, flat face and ring type joint versions
- Available in various shank styles; stepped, straight and tapered
- Full penetration welds on flanged thermowell
- CRN approved thermowells
- Custom software for thermowell design calculations
- Various NDT options
- NACE compliant





# FLANGED 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.

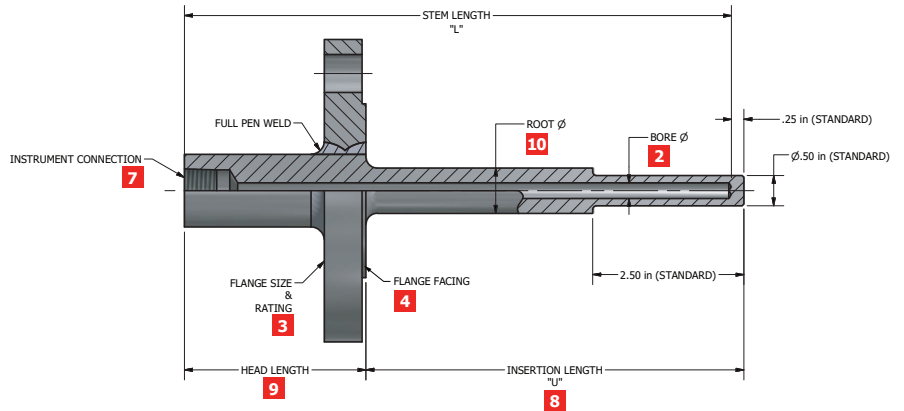
|    |                         |
|----|-------------------------|
| 1  | Thermowell Stem Style   |
| 2  | Bore Size               |
| 3  | Flange Size & Rating    |
| 4  | Flange Facing           |
| 5  | Stem Material           |
| 6  | Flange Material         |
| 7  | Instrumental Connection |
| 8  | Insertion Length        |
| 9  | Head Length             |
| 10 | Root Diameter           |
| 11 | Tip Diameter            |
| 12 | Unit of Measurement     |

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

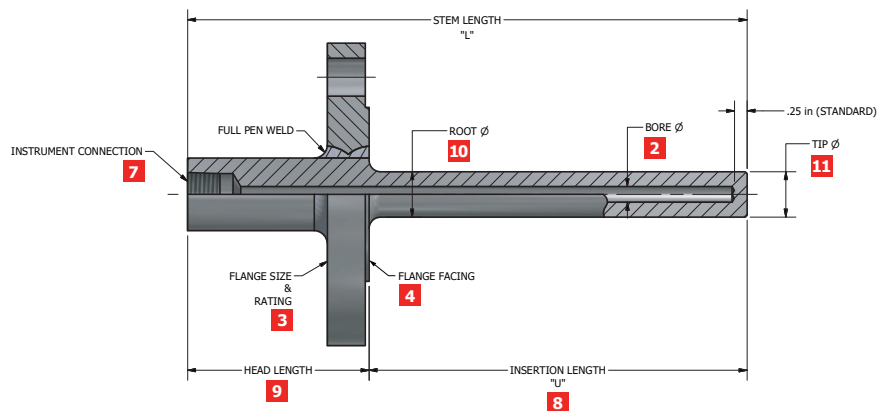
- Flanged
- Threaded
- Socket-Weld
- Vanstone
- Weld-In
- Tri-Clamp
- Limited Space
- Helical



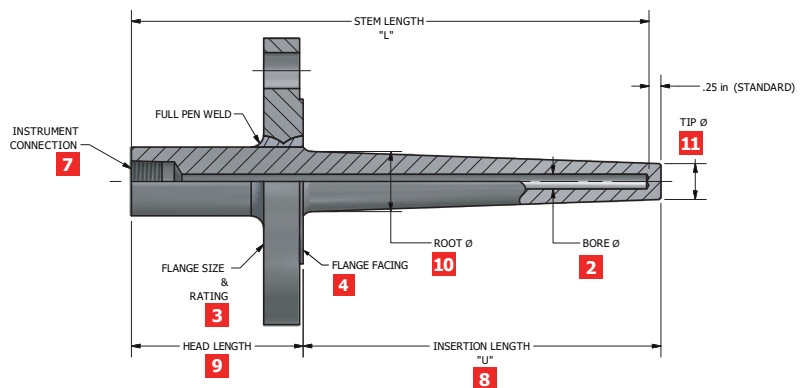
## 1 Stepped Flanged (TW31)



## 1 Straight Flanged (TW32)



## 1 Tapered Flanged (TW33)



North America's Leading Instrumentation Hardware Manufacturer

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