



## Features

- Solid Bore Construction
- Wide selection of Materials
- Numerous combinations for complex industrial applications
- Meets ASME PTC 19.3 TW-2016 Standards
- Materials according to NACE MR 01-75
- Custom engineered to most demanding requirements
- Unique Serial numbers on all Thermowells
- Completely Designed and Engineered in-house
- Wake Frequency calculations shall be provided\*
- Full penetration welds on all Flanged Thermowells



Magwell Thermowells are Designed, Engineered and tested by Magwell as per the industry standards. Each and every threaded Thermowells are machined from Single Bar Stock and the Flanged Thermowells are manufactured with full penetration Welds. Magwell provides the most thorough Wake Frequency analysis, to ensure the Thermowells meet your most demanding applications. Provide us the complete process parameters to us, and we shall do the complete engineering of the Thermowells for you. Magwell Thermowells comes with unique serial number, which helps the customers to identify the specifications of the Thermowells at site and also for ordering the replacement parts.

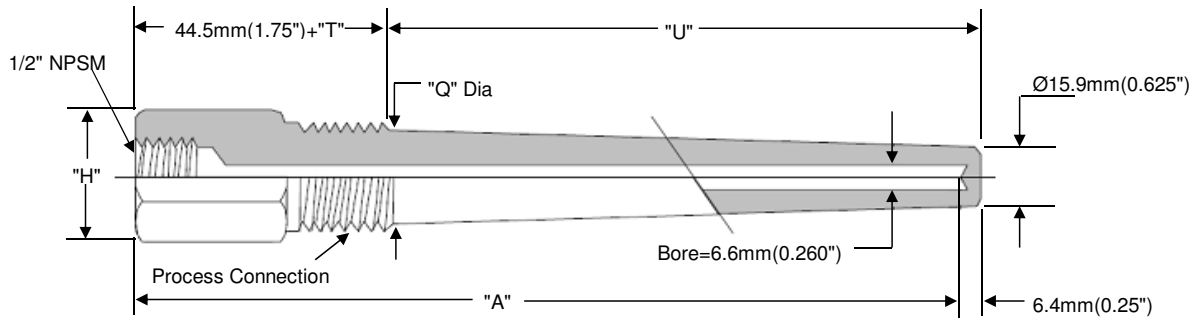
**Root Dimension (Q):** The “Q” dimension of a thermowell is the thickest part of the shank of the thermowell that is on the hot side of the process connection or flange. The size of a thermowell Q dimension is, related to the bore size of the thermowell and the process connection size.

**Bore size:** The inside diameter of a Thermowell. Standard Thermowell bore sizes are .260” and .385”. These sizes are intended to accept a quarter or three eights inch diameter sensor.

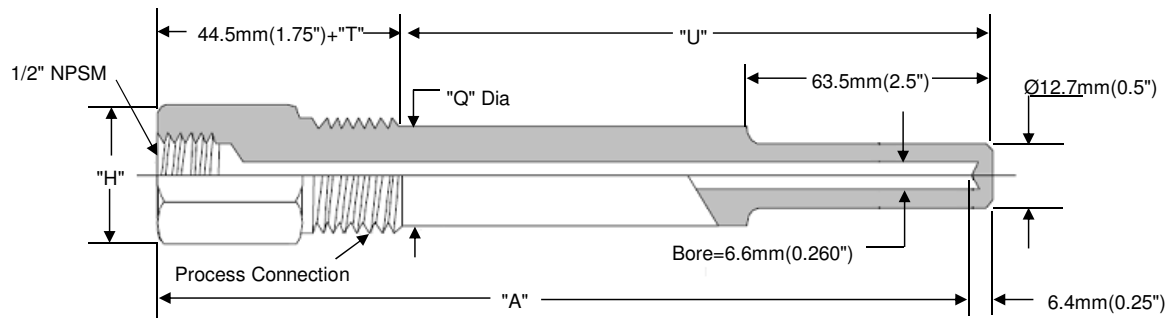
**Immersion (“U”) Length:** Thermowell immersion lengths are often called the “U” length. The U length is the measurement of the Thermowell from the bottom of the process connection to the tip of the Thermowell. The U length establishes the length of the Thermowell that is actually in the process being measured.

**Thermowell Lagging Extension (“T”) Length:** The lagging extension of a thermowell is often referred to as the thermowell’s “T” length. The lagging extension or T length is located on the cold side of the process connection and is usually an extension of the hex length of the Thermowell. Typically, the T length enables the probe and thermowell to extend through insulation or walls.

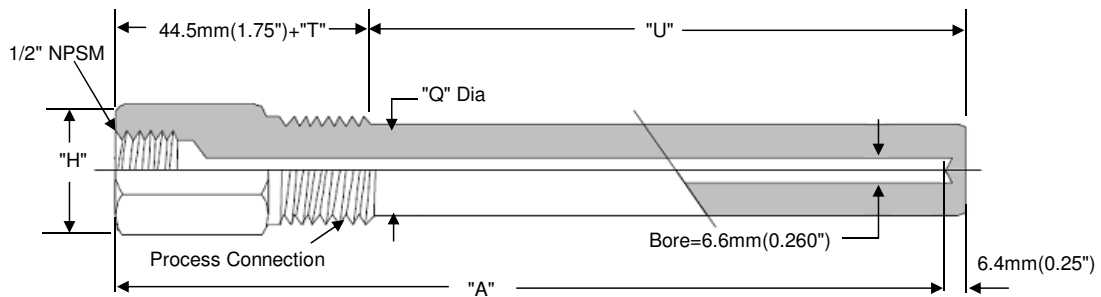
**Model 1010 - Tapered Stem**



**Model 1011 - Stepped Stem**



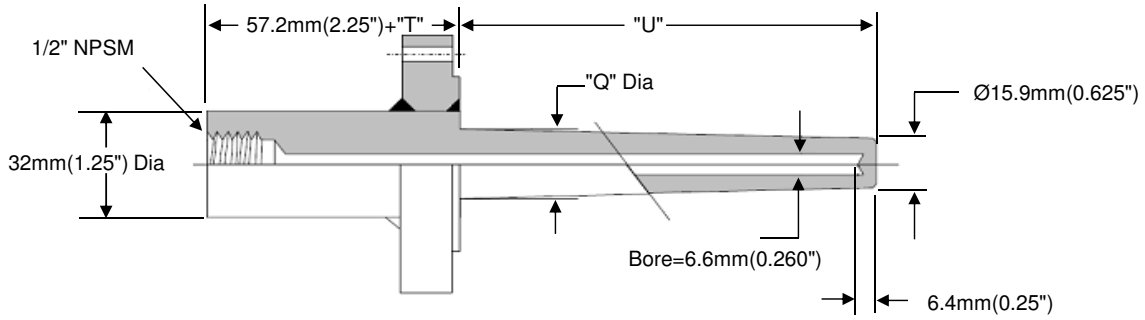
**Model 1012 - Straight Stem**



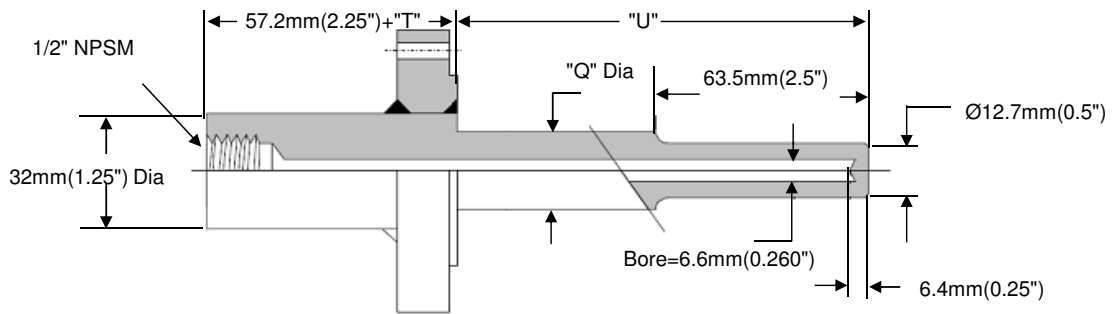


## Flanged Thermowells

### Model 2020 - Tapered Stem



### Model 2021 - Stepped Stem



### Model 2022 - Straight Stem

