

# TW SERIES THERMOWELLS FOR BIMETAL THERMOMETERS/RTDS

## Description & Features:

- Available in brass, lead-free brass, 304 stainless steel and 316 stainless steel. Other materials available upon request.
- Standard connections are ½" NPT Female x ½" NPT Male or ½" NPT Female x ¾" NPT Male. *Other thread sizes are available upon request.*
- All thermowells are made from one-piece solid barstock.
- Etched MIL traceable heat number standard.
- Available in stepped, tapered and straight construction.
- Standard bore size is 0.260" with 0.385" bore available.
- Available with flange and sanitary connections upon request.
- Cap & Chain available upon request.
- MTR available.



## Specifications:

- MIL traceable heat number etched on each thermowell.
- Brass, Lead-Free Brass, 304 Stainless Steel and 316 Stainless Steel are standard materials with other materials available upon request.
- Stepped, Straight and Tapered designs are available.
- Standard bore sizes are 0.260" and 0.385".
- Available in lengths up to 48".

## Applications:

- Typical applications would include the use of a thermowell in tanks, pipelines or any application that the user wishes to create a "closed system" that allows for the removal of the temperature instrument without the need to shut down or drain the system, significantly reducing "down-time".
- Suitable for applications that will damage the instrument probe due to corrosion, high flow rates or potential build-up of materials such as calcium, etc.
- Recommended for all applications that have an operating pressure of >100 psi for bimetal thermometers/RTDs that would otherwise damage the instrument.
- Thermowells protect and extend the life of the temperature instrument, lowering replacement costs.

# TW SERIES THERMOWELLS FOR BIMETAL THERMOMETERS/RTDS

| Thermowells for Bimetal Thermometers & RTDs, Stepped | Stem Length | U-Dimension | Lagging Extension | Code    |
|------------------------------------------------------|-------------|-------------|-------------------|---------|
| Brass 1/2" NPT x 3/4" NPT                            | 2.5"        | 1.02"       |                   | TW75110 |
| Brass 1/2" NPT x 3/4" NPT                            | 4"          | 2.51"       |                   | TW75111 |
| Brass 1/2" NPT x 3/4" NPT                            | 6"          | 4.48"       |                   | TW75112 |
| Brass 1/2" NPT x 3/4" NPT                            | 9"          | 7.51"       |                   | TW75113 |
| Brass 1/2" NPT x 3/4" NPT                            | 12"         | 10.51"      |                   | TW75114 |
| Brass 1/2" NPT x 3/4" NPT                            | 6"          | 2.51"       | 2" Lag Extension  | TW75115 |
| Brass 1/2" NPT x 3/4" NPT                            | 9"          | 4.48"       | 3" Lag Extension  | TW75116 |
| Brass 1/2" NPT x 3/4" NPT 0-15                       | 12"         | 7.51"       | 3" Lag Extension  | TW75117 |

| Thermowells for Bimetal Thermometers & RTDs, Stepped | Stem Length | U-Dimension | Lagging Extension | Code    |
|------------------------------------------------------|-------------|-------------|-------------------|---------|
| Brass 1/2" NPT X 1/2" NPT                            | 2.5"        | 1.02"       |                   | TW50118 |
| Brass 1/2" NPT X 1/2" NPT                            | 4"          | 2.51"       |                   | TW50119 |
| Brass 1/2" NPT X 1/2" NPT                            | 6"          | 4.48"       |                   | TW50120 |
| Brass 1/2" NPT X 1/2" NPT                            | 9"          | 7.51"       |                   | TW50121 |
| Brass 1/2" NPT X 1/2" NPT                            | 12"         | 10.51"      |                   | TW50122 |
| Brass 1/2" NPT X 1/2" NPT                            | 6"          | 2.51"       | 2" Lag Extension  | TW50123 |
| Brass 1/2" NPT X 1/2" NPT                            | 9"          | 4.48"       | 3" Lag Extension  | TW50124 |
| Brass 1/2" NPT X 1/2" NPT                            | 12"         | 7.51"       | 3" Lag Extension  | TW50125 |

| Thermowells for Bimetal Thermometers & RTDs, Stepped | Stem Length | U-Dimension | Lagging Extension | Code     |
|------------------------------------------------------|-------------|-------------|-------------------|----------|
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 2.5"        | 1.02"       |                   | TWL75126 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 4"          | 2.51"       |                   | TWL75127 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 6"          | 4.48"       |                   | TWL75128 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 9"          | 7.51"       |                   | TWL75129 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 12"         | 10.51"      |                   | TWL75130 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 6"          | 2.51"       | 2" Lag Extension  | TWL75131 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 9"          | 4.48"       | 3" Lag Extension  | TWL75132 |
| Lead Free Brass 1/2" NPT x 3/4" NPT                  | 12"         | 7.51"       | 3" Lag Extension  | TWL75133 |

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|------------------------------------------------------|-------------|-------------|-------------------|----------|
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 2.5"        | 1.02"       |                   | TWL50134 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 4"          | 2.51"       |                   | TWL50135 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 6"          | 4.48"       |                   | TWL50136 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 9"          | 7.51"       |                   | TWL50137 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 12"         | 10.51"      |                   | TWL50138 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 6"          | 2.51"       | 2" Lag Extension  | TWL50139 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 9"          | 4.48"       | 3" Lag Extension  | TWL50140 |
| Lead Free Brass 1/2" NPT X 1/2" NPT                  | 12"         | 7.51"       | 3" Lag Extension  | TWL50141 |

| Thermowells for Bimetal Thermometers & RTDs, Stepped | Stem Length | U-Dimension | Lagging Extension | Code     |
|------------------------------------------------------|-------------|-------------|-------------------|----------|
| 304SS 1/2" NPT x 3/4" NPT                            | 2.5"        | 1.02"       |                   | TW75001  |
| 304SS 1/2" NPT x 3/4" NPT                            | 4"          | 2.51"       |                   | TW75002  |
| 304SS 1/2" NPT x 3/4" NPT                            | 6"          | 4.48"       |                   | TW75003  |
| 304SS 1/2" NPT x 3/4" NPT                            | 9"          | 7.51"       |                   | TW75004  |
| 304SS 1/2" NPT x 3/4" NPT                            | 12"         | 10.51"      |                   | TW75005  |
| 304SS 1/2" NPT x 3/4" NPT                            | 6"          | 2.51"       | 2" Lag Extension  | TWL75001 |
| 304SS 1/2" NPT x 3/4" NPT                            | 9"          | 4.48"       | 3" Lag Extension  | TWL75002 |
| 304SS 1/2" NPT x 3/4" NPT                            | 12"         | 7.51"       | 3" Lag Extension  | TWL75003 |

| Thermowells for Bimetal Thermometers & RTDs, Stepped | Stem Length | U-Dimension | Lagging Extension | Code      |
|------------------------------------------------------|-------------|-------------|-------------------|-----------|
| 316SS 1/2" NPT x 3/4" NPT                            | 2.5"        | 1.02"       |                   | TW375100  |
| 316SS 1/2" NPT x 3/4" NPT                            | 4"          | 2.51"       |                   | TW375101  |
| 316SS 1/2" NPT x 3/4" NPT                            | 6"          | 4.48"       |                   | TW375102  |
| 316SS 1/2" NPT x 3/4" NPT                            | 9"          | 7.51"       |                   | TW375103  |
| 316SS 1/2" NPT x 3/4" NPT                            | 12"         | 10.51"      |                   | TW375104  |
| 316SS 1/2" NPT x 3/4" NPT                            | 6"          | 2.51"       | 2" Lag Extension  | TWL375101 |
| 316SS 1/2" NPT x 3/4" NPT                            | 9"          | 4.48"       | 3" Lag Extension  | TWL375102 |
| 316SS 1/2" NPT x 3/4" NPT                            | 12"         | 7.51"       | 3" Lag Extension  | TWL375103 |

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|------------------------------------------------------|-------------|-------------|-------------------|----------|
| 304SS 1/2" NPT X 1/2" NPT                            | 2.5"        | 1.02"       |                   | TW50001  |
| 304SS 1/2" NPT X 1/2" NPT                            | 4"          | 2.51"       |                   | TW50002  |
| 304SS 1/2" NPT X 1/2" NPT                            | 6"          | 4.48"       |                   | TW50003  |
| 304SS 1/2" NPT X 1/2" NPT                            | 9"          | 7.51"       |                   | TW50004  |
| 304SS 1/2" NPT X 1/2" NPT                            | 12"         | 10.51"      |                   | TW50005  |
| 304SS 1/2" NPT X 1/2" NPT                            | 6"          | 2.51"       | 2" Lag Extension  | TWL50100 |
| 304SS 1/2" NPT X 1/2" NPT                            | 9"          | 4.48"       | 3" Lag Extension  | TWL50101 |
| 304SS 1/2" NPT X 1/2" NPT                            | 12"         | 7.51"       | 3" Lag Extension  | TWL50102 |

| Thermowells for Bimetal Thermometers & RTDs, Stepped | Stem Length | U-Dimension | Lagging Extension | Code      |
|------------------------------------------------------|-------------|-------------|-------------------|-----------|
| 316SS 1/2" NPT X 1/2" NPT                            | 2.5"        | 1.02"       |                   | TW350100  |
| 316SS 1/2" NPT X 1/2" NPT                            | 4"          | 2.51"       |                   | TW350101  |
| 316SS 1/2" NPT X 1/2" NPT                            | 6"          | 4.48"       |                   | TW350102  |
| 316SS 1/2" NPT X 1/2" NPT                            | 9"          | 7.51"       |                   | TW350103  |
| 316SS 1/2" NPT X 1/2" NPT                            | 12"         | 10.51"      |                   | TW350104  |
| 316SS 1/2" NPT X 1/2" NPT                            | 6"          | 2.51"       | 2" Lag Extension  | TWL350100 |
| 316SS 1/2" NPT X 1/2" NPT                            | 9"          | 4.48"       | 3" Lag Extension  | TWL350101 |
| 316SS 1/2" NPT X 1/2" NPT                            | 12"         | 7.51"       | 3" Lag Extension  | TWL350102 |