BIMETAL THREADED THERMOWELLS



Model BRTW
Bimetal Threaded Thermowells

MODEL BRTW

FEATURES:

Model BRTW bimetal threaded thermowells from Blue Ribbon Corporation are designed to protect the thermometer from possible exposure to process media that may be corrosive or under pressure. Thermowells also facilitate removal of the industrial thermometer without interruption of the process. Their durable design offers high reliability and media compatibility in a range of sizes and materials.

SPECIFICATIONS:

- **Thermometer Connection:**
  - ½" NPT female (other thread sizes available upon request)
- **Process Connection:**
  - ¾", ½" or 1" NPT connection (other thread sizes available upon request)
- **Bore:**
  - 0.260" (6.5mm)
- **Construction:**
  - Stepped construction
  - Tapered construction standard
- **Materials:**
  - Brass, AISI 304 stainless steel, AISI 316 stainless steel
  - Other materials available upon request

ORDERING GUIDE

Example: BR-TW22-4-BRS
Brass Bimetal Thermowell, 3.5" NPT 4" Stem

Model	Connection	Stem Length	Material
BR-TW	22 - ½" NPT	2.5 - 2.5"	BRS - Brass
	75 - ¾" NPT	4 - 4"	304 - 304 SS
		6 - 6"	316 - 316 SS
		9 - 9"	

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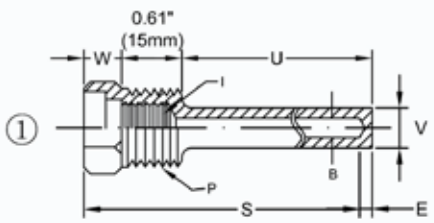
DIMENSIONAL DRAWING

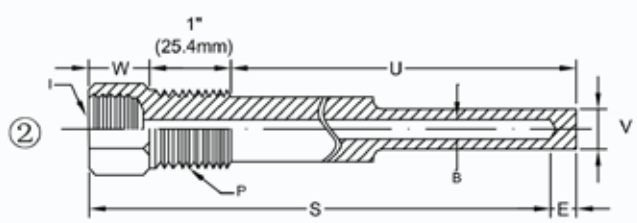
All dimensions are in inches (mm)

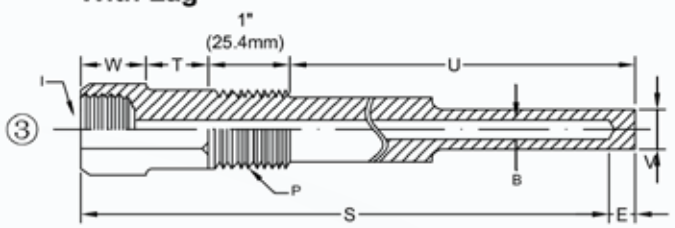


Stem	W	U	S	E	V	B	I	P
2.5"	0.40" (10.16mm)	1.75" (44.45mm)	2.5" (63.50mm)	0.26" (6.60mm)	0.44" (11.18mm)	0.26" (6.60mm)	1/2" NPSM	3/4" NPT

U	Insertion Lenth
E	Tip Thickness
S	Stem Length
T	Lagging Extension
W	Wrench Allowance
B	Bore Diameter
V	Shank Diameter
P	Process Connection
I	Internal Thread

With Lag





Stem	W	U	U(With Lag)	S	E	V	B	T	I	P
4"	0.75" (19.05mm)	2.50" (63.50mm)	1.90" (48.26mm)	4" (101.60mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	0.6" (15.24mm)	1/2" NPSM	3/4" NPT
6"	0.75" (19.05mm)	4.50" (114.30mm)	2.50" (63.50mm)	6" (152.40mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	2" (50.80mm)	1/2" NPSM	3/4" NPT
9"	0.75" (19.05mm)	7.50" (190.50mm)	4.50" (114.30mm)	9" (228.60mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	3" (76.20mm)	1/2" NPSM	3/4" NPT
12"	0.75" (19.05mm)	10.50" (266.70mm)	7.50" (190.50mm)	12" (304.80mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	3" (76.20mm)	1/2" NPSM	3/4" NPT
15"	0.75" (19.05mm)	13.50" (342.9mm)	10.50" (266.70mm)	15" (381.00mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	3" (76.20mm)	1/2" NPSM	3/4" NPT
18"	0.75" (19.05mm)	16.5" (419.1mm)	13.50" (342.9mm)	18" (457.20mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	3" (76.20mm)	1/2" NPSM	3/4" NPT
24"	0.75" (19.05mm)	22.5" (571.5mm)	19.50" (495.30mm)	24" (609.60mm)	0.25" (6.35mm)	0.5" (12.70mm)	0.26" (6.60mm)	3" (76.20mm)	1/2" NPSM	3/4" NPT

All specifications are for reference purposes only. In the interests of continuous product improvement, all specifications are subject to change without notice. Please contact Blue Ribbon Corporation for assistance with your application.

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