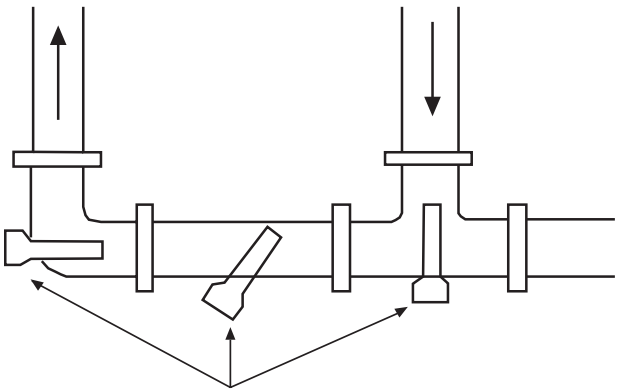
GREYSTONE
ENERGY SYSTEMS INC

THERMOWELLS
T2 Series

The T2 series thermowell are available in 304 series and 316 series stainless steel. They are available in a wide range of lengths. Custom lengths and materials are also available.

SPECIFICATIONS:

Material	P - 304 Series stainless steel R - 316 Series stainless steel
Length	2", 4", 6", 8", 12", & 18" Standard Custom lengths available
Thread Size	1/2" NPT or BSPT
Construction	Machined Construction
Country of Origin	Canada



Thermowell placement in pipe

PART NUMBER SELECTED

PRODUCT SELECTION INFORMATION:

MODEL	Product Description
T2	Thermowell with Set Screw

CODE	External Thread Size
1/2	1/2"

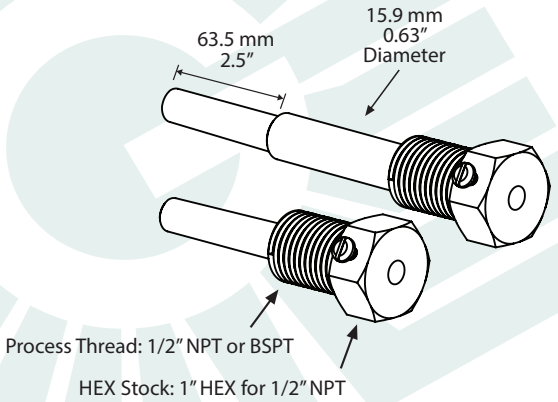
CODE	External Thread Type
N	NPT
B	BSPT

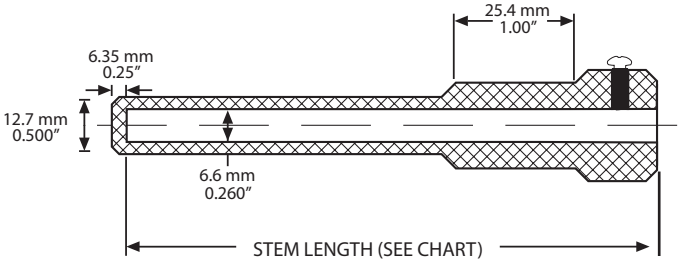
CODE	Length
2	50 mm (2")
4	100 mm (4")
6	150 mm (6")
8	200 mm (8")
12	300 mm (12")
18	450mm (18")

CODE	Material
P	304 Series Stainless Steel
R	316 Series Stainless Steel

Greystone Energy Systems, Inc. reserves the right to make design modifications without prior notice.

DIMENSIONS:





T2 THERMOWELL PRESSURE AND FLOW SPECIFICATIONS

Part Number	Description	Maximum Flow @ 750°F (400°C)				Maximum Pressure			
		Air and Steam		Water		At 200°F (100°C)		At 750°F (400°C)	
		ft/s	m/s	ft/s	m/s	PSI	BAR	PSI	BAR
T2 - 1/2 (X) 2P	2" (50mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 304 S/S	65	19.8	48	14.6	6290	433	3805	263
T2 - 1/2 (X) 4P	4" (100mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 304 S/S	65	19.8	48	14.6				
T2 - 1/2 (X) 6P	6" (150mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 304 S/S	49	14.9	37	11.2				
T2 - 1/2 (X) 8P	8" (200mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 304 S/S	32	9.7	24	7.3				
T2 - 1/2 (X) 12P	12" (300mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 304 S/S	12	3.6	12	3.6				
T2 - 1/2 (X) 18P	18" (450mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 304 S/S	4	1.2	4	1.2				
T2 - 1/2 (X) 2R	2" (50mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 316 S/S	63	19.2	48	14.6	6615	456	5500	380
T2 - 1/2 (X) 4R	4" (100mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 316 S/S	63	19.2	48	14.6				
T2 - 1/2 (X) 6R	6" (150mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 316 S/S	47	14.3	37	11.2				
T2 - 1/2 (X) 8R	8" (200mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 316 S/S	31	9.4	24	7.3				
T2 - 1/2" (X) 12R	12" (300mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 316 S/S	12	3.6	12	3.6				
T2 - 1/2" (X) 18R	18" (450mm), 1/2" NPT/BSP, 0.026" (6mm) Bore, 316 S/S	4	1.2	4	1.2				

NOTE
(X) = N for NPT, B for BSP

1) These are worst-case velocity ratings for air, steam, and water. Based on air at 70°F (21°C), 6900 PSI (475 Bar), with a density of 35 lb/ft^3 (560 kg/m^3), steam at 750°F (400°C), 5500 PSI (379 Bar), with a density of 32 lb/ft^3 (512 kg/m^3), and water at 70°F (21°C), [6800 PSI (468 Var) for 316 S/S], with a density of 63.59 lb/ft^3 (1018 kg/m^3). Significantly higher velocities are possible when fluid/gases at lower densities.

2) Specification of a thermowell and the materials of construction are the sole responsibility of the designer of the system that incorporates the thermowell. Sole responsibility for ensuring compatibility of the process fluid with the system rests with the end user.

3) These ratings do not consider corrosion.

GREYSTONE
ENERGY SYSTEMS INC
Greystone Energy Systems, Inc.
150 English Drive, Moncton,
New Brunswick, Canada E1E 4G7
(506) 853-3057 Fax: (506) 853-6014
North America: 1-800-561-5611
e-mail: mail@greystoneenergy.com
www.greystoneenergy.com

RoHS COMPLIANT

Greystone Energy Systems Inc. is one of North America's largest ISO registered manufacturers of HVAC/R sensors and transmitters for Building Automation Management Systems. We have conscientiously established a worldwide reputation as an industry leader by maintaining leading-edge design technology, prompt technical support, and a commitment to on-time deliveries. We take pride in our Quality Management System which is ISO 9001 certified, assuring our customers of consistent product reliability.

GREYSTONE HAS AN **ISO 9001** REGISTERED QUALITY SYSTEM