

Elimko

THERMOWELLS

Thermowells are protecting tubes which are manufactured by solid bar stock or pipe material to protect thermocouples, resistance thermometers and other temperature sensors. Especially, they are used widely in critical applications where pressure, viscous, fluid velocity, chemical and mechanical corrosive abrasive

materials are present individually or in combination. A properly selected thermowell will protect the temperature sensor from possible damage resulting from these process variables. A thermowell permits removal of the temperature sensors for replacement, repair or testing without effecting the process or system.

THERE ARE BASICALLY THREE MAJOR TYPES OF THERMOWELLS;

Using Bar Stock:

- Flanged
- Threaded
- Weld-in

Using Pipe & Bar Stock:

- Flanged
- Threaded
- Weld-in



ELIMKO THERMOWELLS

Elimko thermowell types in process applications;

TW/T: Threaded Type

TW/W: Weld-in Socketed Type

TW/V: Vanstone Flanged Type

TW/F: Flanged Type

TW/WI: Weld-in Type

STANDART FEATURES

Bar Materials			Bore Diameter
ASTMA304	DIN 1.4571	INCOLOY 825	5.0 mm
ASTMA316 Ti	DIN 1.4749	HASTELLOY C4	6.0 mm
ASTMA316 L	DIN 1.4828	BRASS	6.6 mm
ASTMA310	DIN 1.4841	PTFE	7.0 mm
ASTMA321	DIN 1.7335		8.0 mm
ASTMA446	INCONEL 600		9.0 mm
ASTMA105	INCOLOY 800		10.0 mm

Note 1: Elimko Thermowells can be produced additionally to the standart bore diameters, it is also possible to produce bore diameters from 4 mm to 22 mm, up to maximum 1200 mm length.

Note 2: The above mentioned solid bar stock materials are our standart types. Special materials could be supplied upon receipt of satisfactory orders.

Others: Haynes 25, Carpenter, 20 CB, Nichrome, HCF, 50Co-30Cr, Monel 400, Titanium, Tantalum, X-750, B, C276, X.Note 3 : Satellite coating can be produced against abrasion.

TESTS

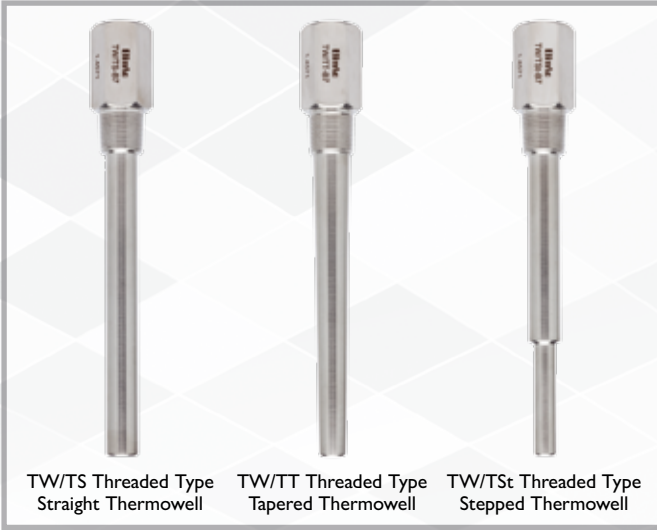
Thermowells can be tested after produced on request. These tests are made by special institutions for a fea.

a. Pressure tests

b. X-ray tests

THERMOWELLS

TW/T Threaded Type Thermowells



TW/TS Threaded Type Straight Thermowell TW/TT Threaded Type Tapered Thermowell TW/TSSt Threaded Type Stepped Thermowell

TW/F Flanged Type Thermowells



TW/FS Flanged Type Straight Thermowell TW/FT Flanged Type Tapered Thermowell TW/FSSt Flanged Type Stepped Thermowell

TW/W Weld-in Socketed Type Thermowells



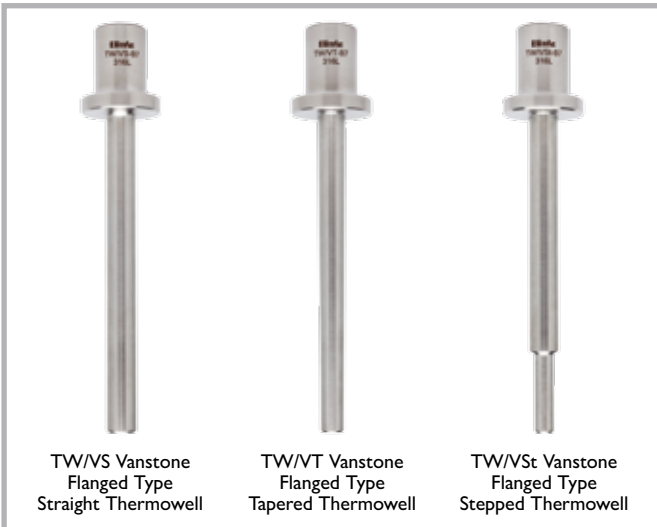
TW/WS Weld-in Socketed Type Straight Thermowell TW/WT Weld-in Socketed Type Tapered Thermowell TW/WSSt Weld-in Socketed Type Stepped Thermowell

TW/WI Weld-in Type Thermowell



TW/WI Weld-in Type Thermowell

TW/V Vanstone Flanged Type Thermowells



TW/VS Vanstone Flanged Type Straight Thermowell TW/VT Vanstone Flanged Type Tapered Thermowell TW/VSSt Vanstone Flanged Type Stepped Thermowell

