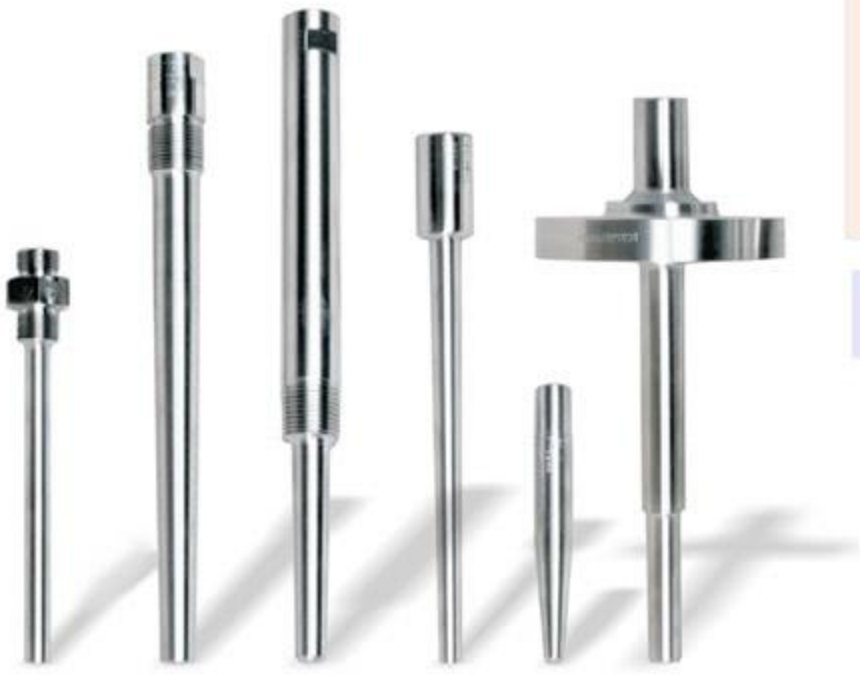
Thermometer Thermowells

Use & Maintenance

- To ensure the accuracy of the instrument, the length of immersion to measured media shall be at least 2/3 of thestem length.
- The bimetallic thermometer shall be protected from bend during transit, installation and operation. Do not turn case when installation.



Design Code

TW-□□□□□□

- Extension length (mm.)
  - A: 304 SS
  - B: 316 SS, C: 316L SS
  - D: carbon steel
  - E: copper alloy
- Immersion length (mm.)
- Immersion diameter (mm.)
- D : drilled type
  K : welded type
- D: threaded connection (Thread type)
  F: flanged connection (Flange type)
  K: welded connection
  S: sanitary type (Clamp type)

For example: TW-1/2"150lb-15-225-B-50

Themowells are recommended for process systems where pressure, Velocity, and corrosive media are a concern. the thermowell allows the bimetal thermometer to be replaced without effecting the process media or the system.

Options

- Customs dial face
- Other type and size of connection
- Safety glass
- Field recalibrator
- Protection IP 65

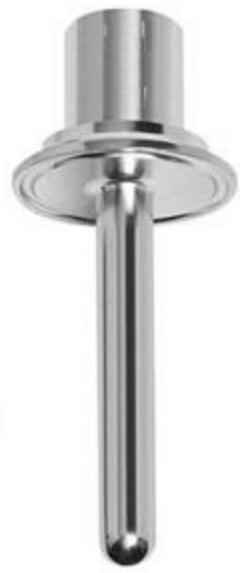
Ordering Information

- When order, please specify model number, measuring range, length and diameter of stem, connection thread.
- Consult factory for special requirements.
- Free after–sales service offered for one year upon sales contract.

Thermometer Thermowells

Models

TW-S..



Sanitary type

Tri-clamp connection 1", 1.5" and 2"
Material AISI 304, AISI 316
Surface finish 16-32 Ra

TW-D-D..

1–piece drilled

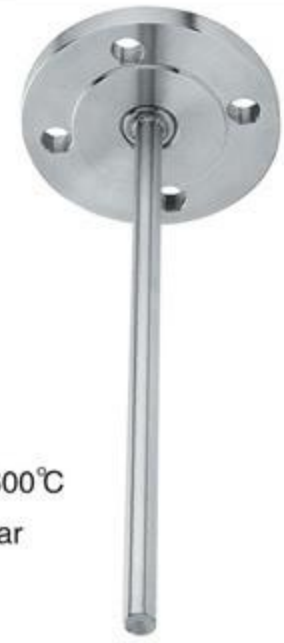
Max.working temperature: steel 600℃
Max. working pressure: 150bar

TW-D-K..

1–piece welded

Max.working temperature: steel 600℃
Max.working pressure: steel 150bar

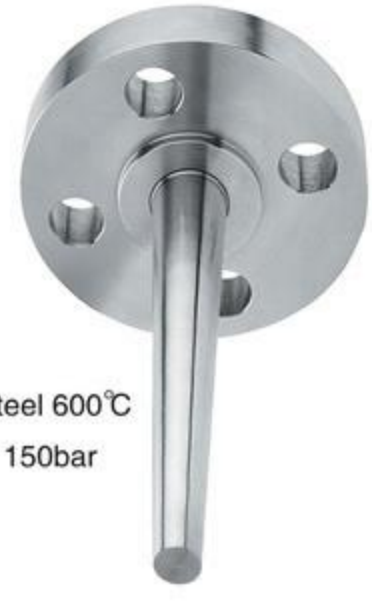
TW-F-K..



Flanged connection welded

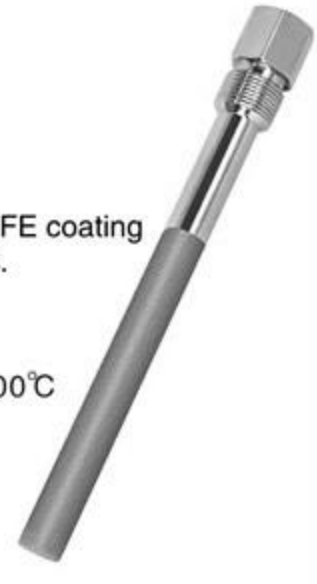
Max.working temperature: steel 600℃
Max. working pressure: steel 40bar

TW-F-D..



Flanged connection drilled

Max.working temperature: steel 600℃
Max.working pressure: steel 150bar



For more corrosion–proof, a PTFE coating is practicable on all thermowells.

Max.working temperature: 200℃
Max. working pressure: 40bar

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