



# Budenberg

Made in Britain

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## Model: 250

Solid drilled thermowells are designed to withstand greater pressures and fluid velocities than their fabricated counterparts.

Some materials are also difficult to source in specifications to easily form fabricated constructions and so are generally only offered in solid drilled versions.

All thermowells are manufactured to ISO 9000-2000 and are designed to meet British, European American and other relevant standards. A wide range of certification is available on request including; Dye penetration, Radiography, Pressure test, material certification and wake frequency calculations.

Budenberg also supplies Fabricated pockets, please refer to separate datasheet.

### Screwed Process Connections

As standard we offer BSPP, BSPT or NPT male threaded connections.:

BSPP - 1/4" (P4), 3/8" (P6), 1/2" (P8), 5/8" (P10)

BSPT - 1/4" (T4), 1/2" (T8), 3/4" (T12), 1" (T16)

NPT - 1/2" (N8), 3/4" (N12), 1" (N16)

Optionally you can specify threads in other standards such as ISO Metric, IDF etc

### Flanged Connections

We offer as standard the following Flanges for our Solid Drilled Thermowells:

ANSI 1" (A1), 1 1/2" (A1.5), 2" (A2)

in the following ratings

150lb (1)

300lb (3)

600lb (6)

900lb (9)

1500lb (15)

2500lb (25)

BS10 1" (B1), 1 1/2" (B1.5), 2" (B2)

in the following ratings

Table D (D)

Table E (E)

Table F (F)

Table H (H)

DIN DN25 (D2), DN40 (D4), DN50 (D5)

in the following ratings

PN6 (6)

PN10 (10)

PN16 (16)

Note that ANSI flanges are Raised Face ( RF ) unless specified as Flat Face ( FF ) or Ring Type Joint ( RTJ ).

Note that Flanges will be supplied as welded flange unless Loose Flange type is specified.

### Element Connection

1/2" BSP as standard (P8)

## THERMOWELL SOLID DRILLED



### Sensor Diameter

The following sensor diameters are standard offering;

6mm (6)

6.3mm (7)

8mm (8)

12.7mm (12)

14.3mm (14)

15.9mm (15)

Thermowells can be drilled to suit other sensor diameters by request.

### Insertion lengths

The following immersion length 'U' are available as standard

50mm (50)

75mm (75)

100mm (100)

150mm (150)

200mm (200)

225mm (225)

250mm (250)

300mm (300)

450mm (450)

600mm (600)

Other lengths available on request.

### Materials

Standard materials of construction are:

Carbon Steel - M

316 Stainless Steel - S

Brass - B

Copper - C

Other materials on request

### Options

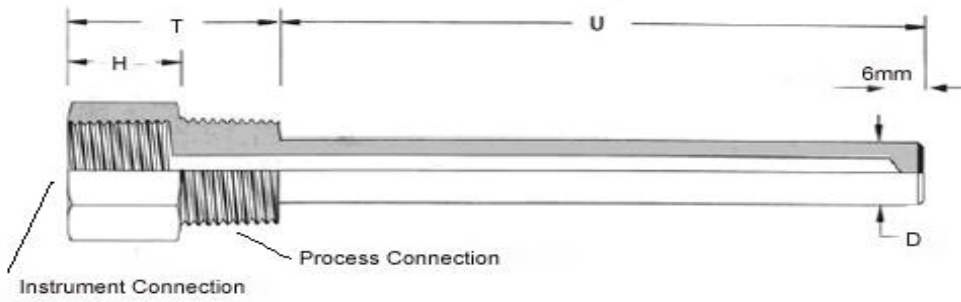
Plug and Chain

Profile: Parallel or Tapered

Tip: Flat or domed

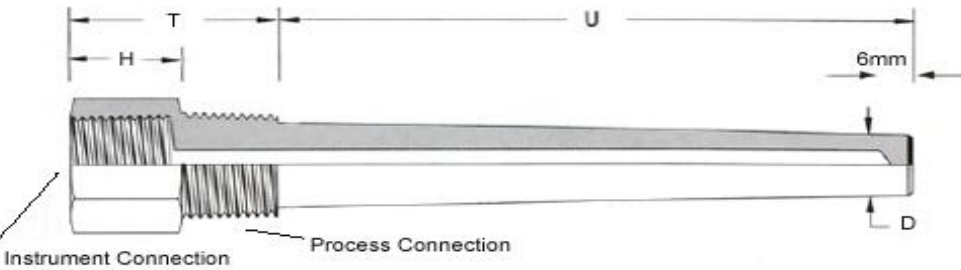
Lagging extension

If you do not see what you require in this datasheet please contact our sales office with your requirements.



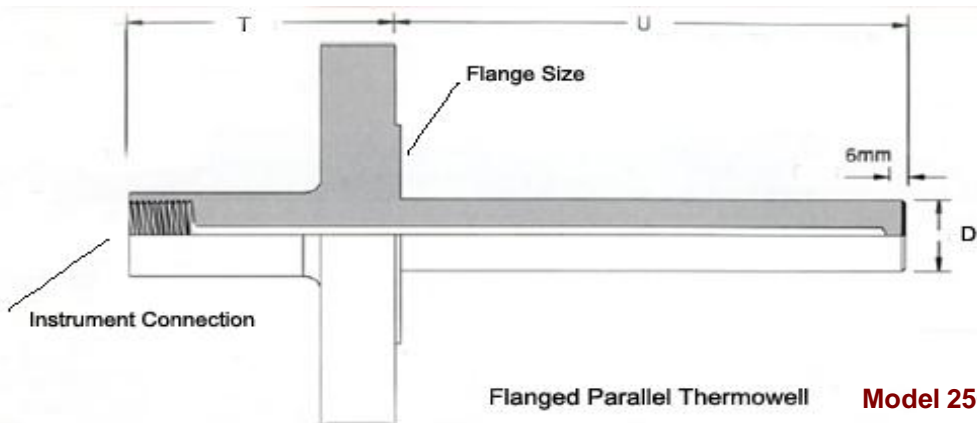
Screwed Parallel Thermowell

Model 250SP



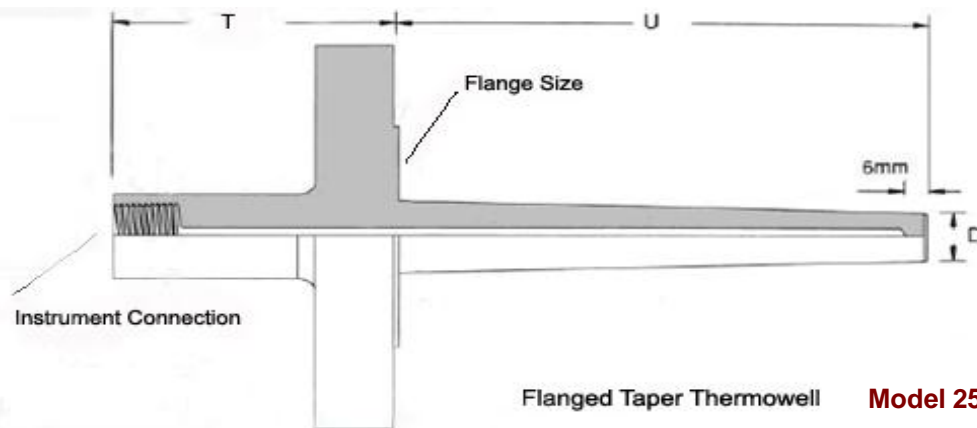
Screwed Taper Thermowell

Model 250ST



Flanged Parallel Thermowell

Model 250FP



Flanged Taper Thermowell

Model 250FT

Specifications and dimensions in this leaflet, are subject to change without prior notice.