

TA562

Barstock thermowell

Made of drilled barstock material. Mainly used in heavy duty or general purpose applications.



More information and current pricing:

www.au.endress.com/TA562

Benefits:

- The thermowell stem shape can be straight or reduced for fast response time
- Extension, immersion length and reduced length as well as the bar dimensions can be chosen according to process requirements
- Different grades of surface finishing are also available
- The process connections are threaded: ½"NPT, ¾"NPT, G½" or M20x1.5
- A wide choice of standard materials is available
- Special versions can be manufactured according to specification

Specs at a glance

- **Max. process pressure (static)** 500 bar (7252 psi)
- **Maximum standard immersion length** 900 mm (35,43")
- **Max. immersion length on request** 5.000 mm (196,85")

Field of application: Due to the challenging process conditions by heavy duty applications the load capacity of a thermowell must be calculated exactly. Dye penetration tests, ultrasound test, helium leakage test, pressure endurance test as well as various, non-destructive material tests prove the quality of materials and processing.

Features and specifications

Thermowell

Measuring principle

Bar stock Thermowell

Thermowell

Characteristic / Application

metric style

threaded process connection

hexagonal extension

Head connection

internal thread:

1/2" NPT

G1/2"

M20x1,5

Maximum standard immersion**length**

900 mm (35,43")

Max. immersion length on request

5.000 mm (196,85")

Process connection

thread:

G1/2"

1/2" NPT

3/4" NPT

M20x1,5

Thermowell

Thermowell root diameter

12,7 mm (1/2")

13 mm (0,51")

16 mm (0,63")

19 mm (3/4")

Medium contact material

1.4401 (316)

1.4404 (316L)

1.4571 (316Ti)

Wetted part finishing (Ra)< 0.8 μm (31.50 μin)< 1.6 μm (63.00 μin)**Tip shape**

straight

tapered

Temperature range

-200...700 °C (-328...1.292 °F)

Max. process pressure (static)

500 bar (7252 psi)

Max. process pressure at 400 °C

300 bar (4351 psi)

More information www.au.endress.com/TA562