

# TA562

## Barstock thermowell

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



Mais informações e preço atual:

[www.br.endress.com/TA562](http://www.br.endress.com/TA562)

### Benefícios:

- 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

### Especificações resumidas

- **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")

**Campo de aplicação:** 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.

### Características e especificações

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 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)

---

## Thermowell

**Wetted part finishing (Ra)**

&lt; 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)

---

Mais informações [www.br.endress.com/TA562](http://www.br.endress.com/TA562)