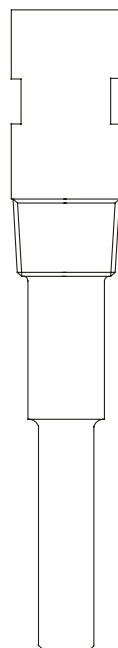
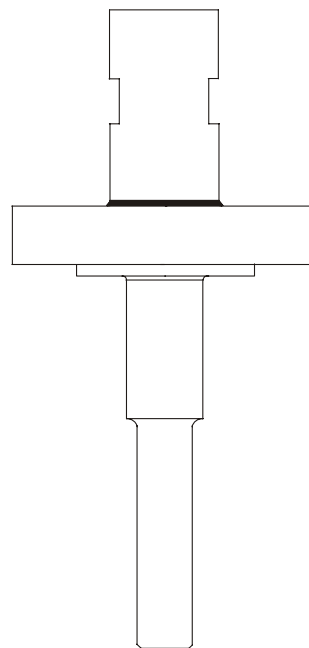


# Industrial protecting tube *omnigrad TA556*

**Heavy duty - General purpose**  
**From round bar stock - Ø 35 mm**  
**1" NPT threaded or flanged weld type**  
**Also ENI BAR 3 & BAR 4**



Threaded  
process connection



Flanged  
process connection

## Description

TA556 is an industry standard thermowell, manufactured from round bar stock (drilled).

The process connection can be threaded or flanged weld.

The thermowell stem shape can be straight or conical.

The extension and the immersion lengths as well as the bar dimensions can be chosen according to process requirements.

A wide choice of standard materials and process connections is available; other versions can be ordered according to specification.

Different grades of surface finishing are also available.

## Application

TA556 is designed for use with resistance and thermocouple thermometers mainly in heavy duty applications.

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## Technical data

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**Round bar**

Standard reference: ENI BAR 3 & BAR 4  
Extension O.D.: 35 mm  
Immersion O.D.:  $\leq 28$  mm  
Standard ext. length: 100 mm  
Standard bore diameter: 10 or 14 mm  
Standard material: AISI316/W.1.4401, AISI316L/W.1.4404

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**Process connection**

Type: threaded or flanged weld  
Thread: 1" NPT  
Flange type: ANSI slip-on  
Flange material: AISI 316 or A 105  
Flange mounting: threaded and back welded - 3x3 mm wide

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**Tip**

Bottom shape: straight or tapered  
Std. bottom thickness: 5 mm

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**Surface**

Finishing: refer to the order key

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**Supplementary  
Documentation**

- Technical Information Industrial Protecting Tubes (TI138T/02/en)

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