Technical Information TI153T/02/en No. 71108021

# Industrial protecting tube omnigrad TA550

Heavy duty - General purpose From round bar stock - Ø 30 mm 3/4" NPT threaded or flanged weld type Also ME U 819.02 - type 2









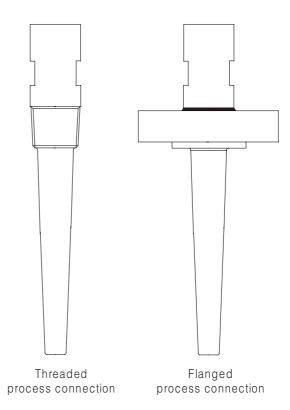












#### Description

TA550 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

TA550 is designed for use with resistance and thermocouple thermometers mainly in heavy duty applications.





## **Technical data**

**Round bar** Standard reference: ME U 819.02 - type 2

 $\begin{array}{lll} \text{Extension O.D.:} & 30 \text{ mm} \\ \text{Immersion O.D.:} & \leq 22 \text{ mm} \\ \text{Standard ext. length:} & 70 \text{ mm} \\ \text{Standard bore diameter:} & 7 \text{ or } 8 \text{ mm} \end{array}$ 

Standard material: AISI316/W.1.4401, AISI316L/W.1.4404

Connection to thermometer

Threaded: 1/2" NPT - female

Process connectionType:threaded or flanged weld

Thread: 3/4" NPT
Flange type: ANSI slip-on
Flange material: AISI 316 or A 105

Flange mounting: threaded and back welded - 3x3 mm wide

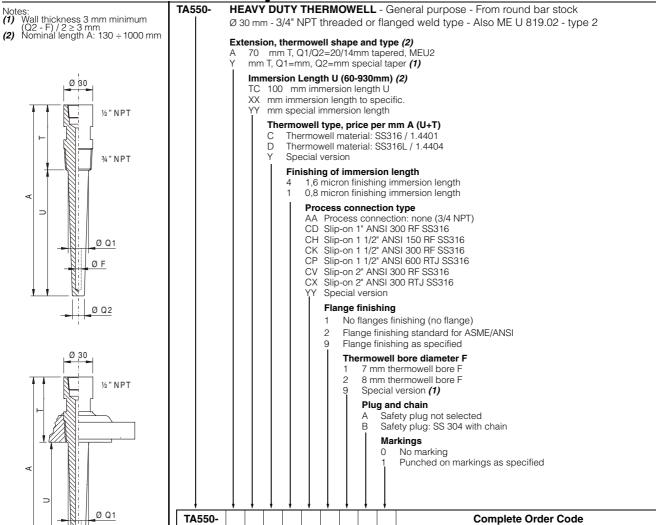
**Tip** Bottom shape: straight or conical

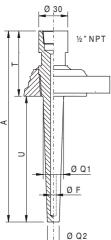
Std. bottom thickness: 6 mm

**Surface** Finishing: refer to the order key

2 Endress+Hauser

### Order key





Endress + Hauser

71108021 Supplementary Documentation

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

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