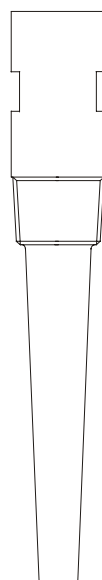
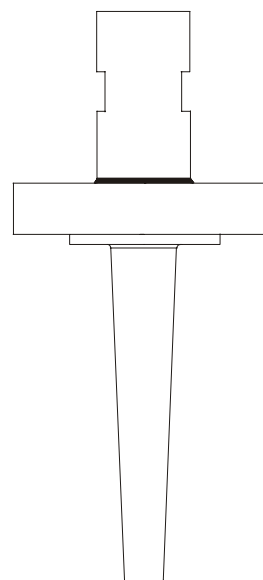


Industrial protecting tube *omnigrad TA557*

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



Threaded
process connection



Flanged
process connection

Description

TA557 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

TA557 is designed for use with resistance and thermocouple thermometers mainly in heavy duty applications.

Technical data

Round bar

Standard reference:	ENI BAR 1
Extension O.D.:	35 mm
Immersion O.D.:	≤ 28 mm
Standard ext. length:	100 mm
Standard bore diameter:	8 mm
Standard material:	AISI316/W.1.4401, AISI316L/W.1.4404

Connection to thermometer

Threaded:	1/2" NPT - female
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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

Tip

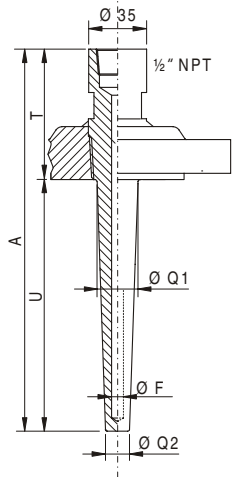
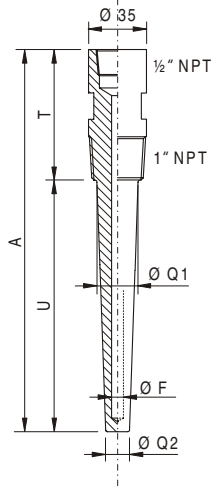
Bottom shape:	straight or conical
Std. bottom thickness:	5 mm

Surface

Finishing:	refer to the order key
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Order key

Notes:
 (1) Wall thickness 3 mm minimum
 (Q2 - F) / 2 ≥ 3 mm and
 (2) Nominal length A: 160 ÷ 1000 mm



TA557- HEAVY DUTY THERMOWELL - General purpose - From round bar stock
 Ø 35 mm - 1" NPT threaded or flanged weld type - Also ENI BAR 1

Extension, thermowell shape and type (2)

A 100 mm=T,Q1/Q2=25/18 tapered,ENI
 Y mm=T, Q1=mm, Q2=mm special taper (1)

Immersion Length U (60-900mm) (2)

- TA 60 mm immersion length U
- TB 70 mm immersion length U
- TC 100 mm immersion length U
- TD 120 mm immersion length U
- TE 130 mm immersion length U
- TF 150 mm immersion length U
- TG 180 mm immersion length U
- TH 200 mm immersion length U
- TJ 210 mm immersion length U
- TK 220 mm immersion length U
- TL 250 mm immersion length U
- TM 255 mm immersion length U
- TN 260 mm immersion length U
- TP 270 mm immersion length U
- TQ 305 mm immersion length U
- TR 310 mm immersion length U
- TS 340 mm immersion length U
- TT 350 mm immersion length U
- TU 390 mm immersion length U
- TV 400 mm immersion length U
- TW 450 mm immersion length U
- TX 500 mm immersion length U
- TZ 600 mm immersion length U
- YY mm immersion length U to specific.

Thermowell type, price per mm A (U+T) (160-1000mm)

C Thermowell material: SS316 / 1.4401
 D Thermowell material: SS316L / 1.4404
 Y Special version

Finishing of immersion length

- 4 1,6 micron finishing immersion length
- 1 0,8 micron finishing immersion length

Process connection type

AA Process connection: none (1" NPT)
 CD Slip-on 1" ANSI 300 RF SS316
 CH Slip-on 1 1/2" 150 RF SS316
 CK Slip-on 1 1/2" 300 RF SS316
 CP Slip-on 1 1/2" ANSI 600 RTJ SS316
 CV Slip-on 2" ANSI 300 RF SS316
 CX Slip-on 2" ANSI 300 RTJ SS316
 YY Special version

Flange finishing

- 1 Finishing: not required (no flange)
- 2 Finishing: standard for ASME/ANSI
- 9 Flange finishing as specified

Thermowell bore diameter F

- 2 8 mm thermowell bore F
- 9 Special thermowell bore (1)

Plug and chain

A Without plug and chain
 B Safety plug: SS 304 with chain

Markings

- 0 Markings not selected
- 1 Markings punched on

TA557-											Complete Order Code
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**Supplementary
Documentation**

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

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