

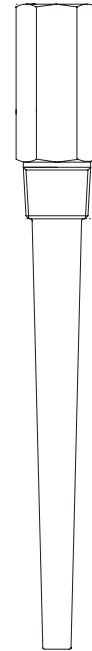


Industrial thermowell *omnigrad TA560*

Heavy duty - General purpose
From hexagonal bar stock
3/4" NPT threaded process connection



Straight



Conical

Description

TA560 is an industry standard thermowell, manufactured from hexagonal bar stock.

The process connection is threaded.

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 diameters and materials is available; other versions can be ordered according to specification. Different grades of surface finishing are also available.

Application

TA560 is designed for use with resistance and thermocouple thermometers mainly in heavy duty applications.



Technical data

Hexagonal bar	Wrench:	27 mm
	O.D.:	≤ 22 mm
	Standard bore diameter:	6.5 or 10 mm
	Standard material:	AISI304, AISI316 Ti, AISI316, AISI316 L

Connection to thermometer	Threaded:	1/2" NPT - female
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Process connection	Threaded:	3/4" NPT
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Tip	Bottom shape:	straight or conical
	Std. bottom thickness:	6.35 mm

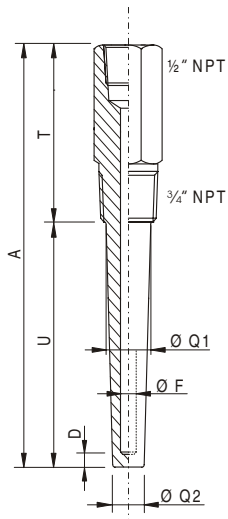
Surface	Finishing:	0.8 micron - standard
		1.6 micron

Order key

Notes:

(1) Wall thickness 3 mm minimum
(Q2 - F) / 2 $\geq$ 3 mm

(2) Only for positions (*)



TA560-

HEAVY DUTY THERMOWELL - General purpose - From hexagonal bar stock

3/4" NPT threaded process connection

Extension length T (45-150mm)

- Extension length 1 (45-150mm)
- | | | |
|---|-----|-------------------------------|
| 1 | 50 | mm Extension |
| 3 | 75 | mm Extension |
| 4 | 110 | mm Extension |
| X | | mm Extension to specification |
| Y | | mm special Extension |

Shape of the thermowell

- A Diameter Q1=22 mm Q2=16 mm
C Diameter Q1=22 mm Q2=19.5 mm (*)
2 Diameter Q1=20 mm Q2=16 mm (*)
Y Special diameter (Q1=mm Q2=mm) (1)

Immersion length U (50-850mm)

- UC 63 mm immersion length U
UD 114 mm immersion length U
UE 190 mm immersion length U
UG 343 mm immersion length U
UJ 495 mm immersion length U
XX mm immersion length to specific.
YY mm special immersion length

Pipe type, price per mm length A (U+T)

- A Thermowell material: SS304 / 1.4301
 B Thermowell material: SS316Ti / 1.4571
 C Thermowell material: SS316 / 1.4401
 D Thermowell material: SS316L / 1.4404
 Y Special version

Finishing of immersion length

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

Bore diameter F/Bottom thicknes D

- 3 F=6,5 mm bore/D=6,35mm bottom
5 F=10 mm bore/D=6,35mm bottom **(2)**
9 Special version **(1)**

Plug and chain

- A Safety plug not selected
B Safety plug: SS 304 with chain

Markings

- 0 No marking
1 Punched on markings

TA560-

Complete Order Code



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The Power of Know How

