

Application

Designed for use as drilled from solid bar stock thermowells of resistance thermometers and thermocouples.

Features

- Process connection:
thread G1/2", 1/2"NPT or others
- Instrument connection:
thread G1/2", 1/2"NPT or others
- Immersion lengths:
acc. to customer's specification
- Tolerances per DIN ISO 2768
- Maximal process pressure and temperature
depends on thermowell dimension and its material¹⁾
- Thermowell materials:
1.4401 (AISI316), 1.4404 (AISI316L)
1.4541 (AISI321), 1.4571 (AISI316Ti)

Options

- Certificate 3.1 acc. to EN 10204
- Versions per DIN 43772
- Other materials, threads and dimensions

Wake frequency calculations in accordance with ASME PTC 19.3 are recommended in critical applications.

TERMOAPARATURA offer this as an engineering service.

Please find further information in our separate technical information sheet "Strength calculation for thermowells".

¹⁾ Rating depends on the parameters below:

- Process medium
- Process pressure and temperature
- Flow rate
- Design of thermowell (dimensions, material)

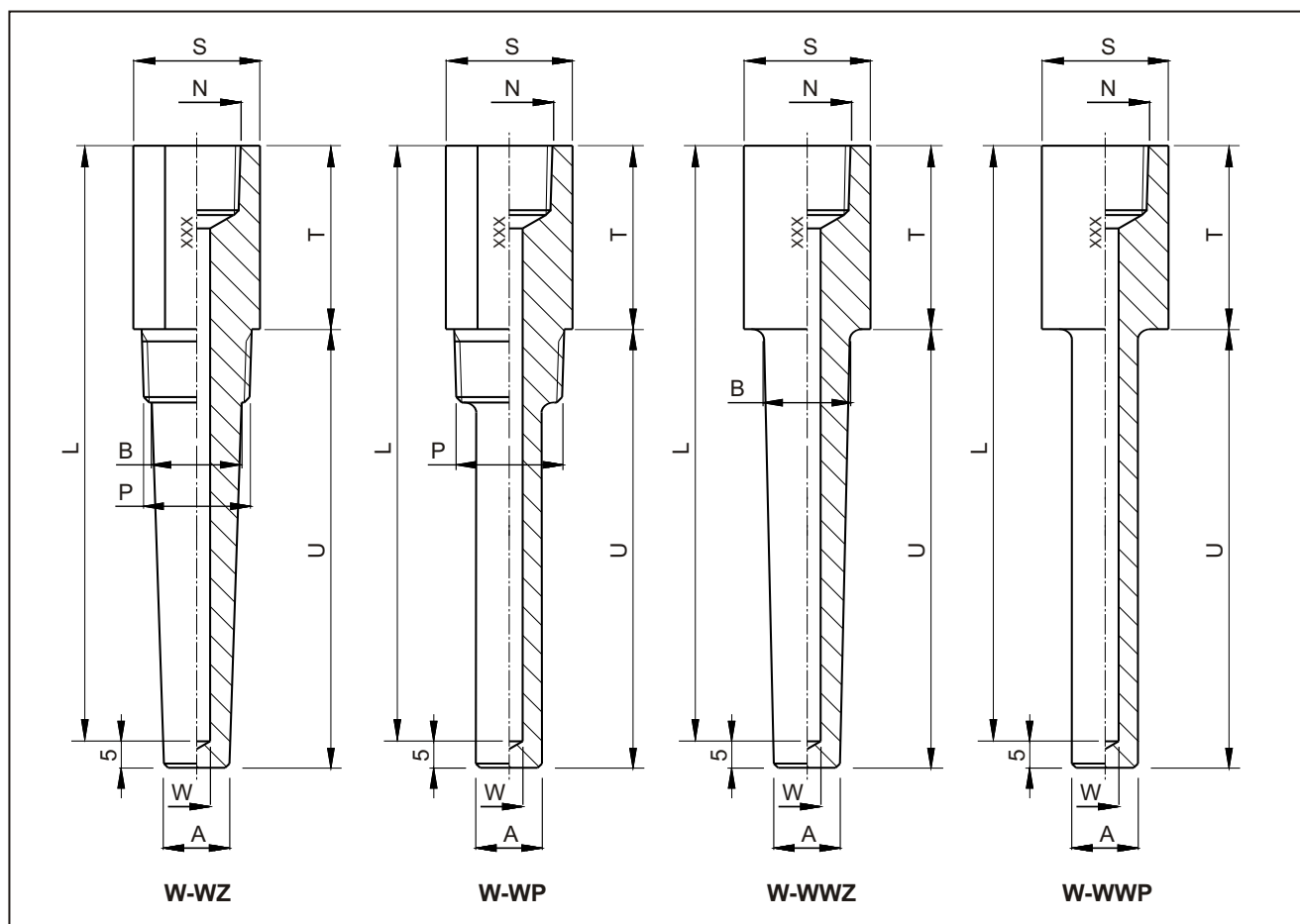


**Drilled thermowells, screw-in.
Types W-WZ, W-WP.**



**Drilled thermowells, weld-in.
Types W-WWZ, W-WWP.**

Designs



Ordering code

W - - - - - - - - - -

Design		
1		WZ thermowell screw-in, tapered
		WP thermowell screw-in, straight
		WWZ thermowell weld-in, tapered
		WWP thermowell weld-in, straight
Process connection		
2		xxx specify type of thread or flange
Thermowell material		
3		xxx specify material type
Diameter A		
4		xxx to be specified in millimeters
Diameter B		
5		xxx to be specified in millimeters
Bore diameter W		
6		xxx to be specified in millimeters
Instrument connection		
7		xxx specify type of thread
Immersion length U		
8		xxx to be specified in millimeters
Length T		
9		xxx to be specified in millimeters
Diameter S		
10		xxx to be specified in millimeters