

Application

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

Features

- Blind flange according to:
EN 1092-1, DIN 2527, ASME B 16.5
- Instrument connection:
threads G1/2", 1/2"NPT or other
- Immersion length:
according to customer specification
- Tolerances acc. to DIN ISO 2768
- Maximal process pressure and temperature
depends on thermowell material and rating
of flange¹⁾
- Thermowell material:
1.4401 (AISI316), 1.4404 (AISI316L)
1.4541 (AISI321), 1.4571 (AISI316Ti)

Options

- Certificates 3.1 acc. to EN 10204
- Designs per DIN 43772
- Other materials, flanges 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)

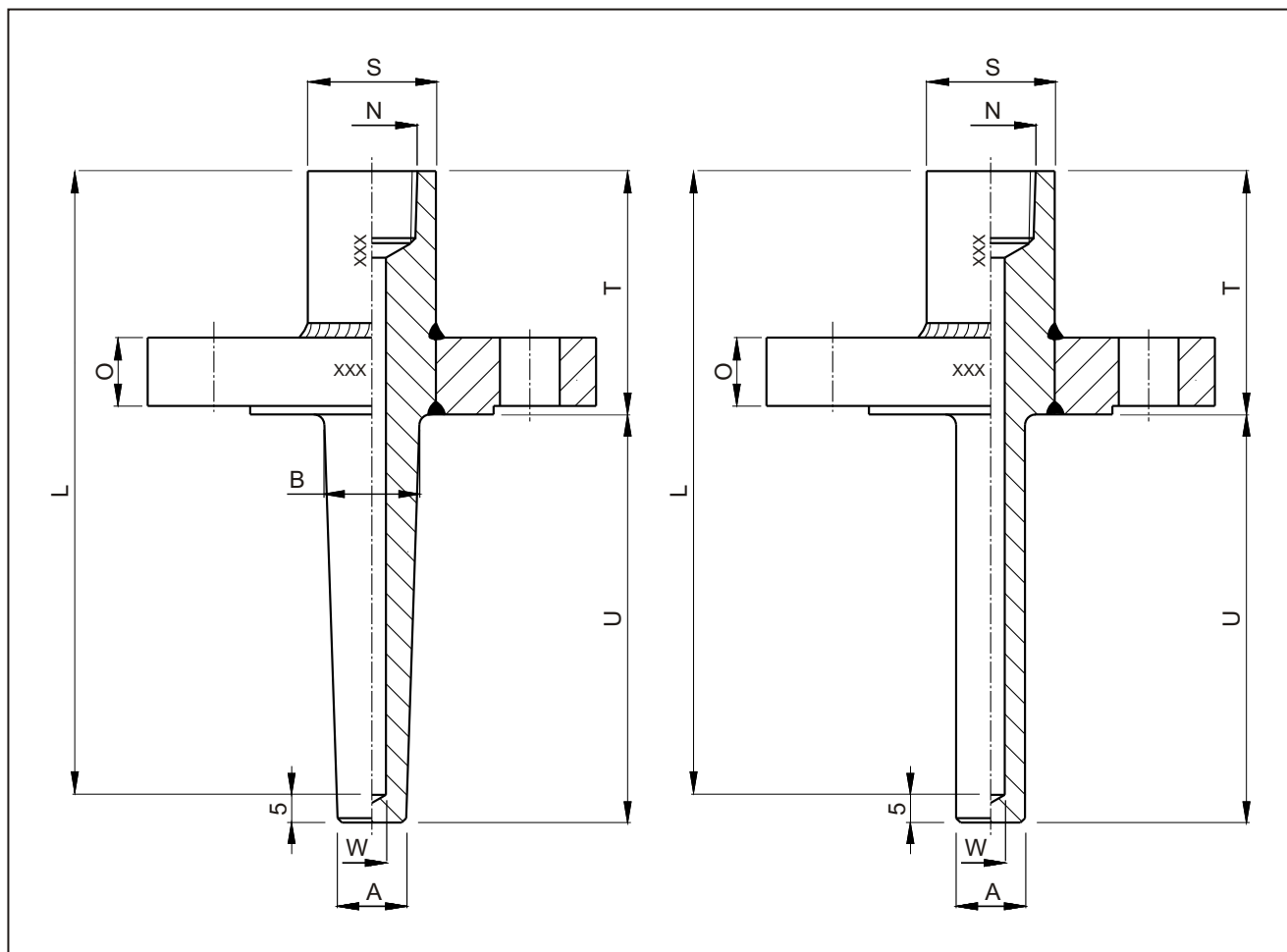


**Drilled Thermowell with Flange, tapered.
Type WF-Z.**



**Drilled Thermowell with Flange, straight.
Type WF-P.**

Designs



Ordering code

WF - 1 - 2 - 3 - 4 - 5 - 6 - 7 - 8 - 9 - 10

Design	
1	Z tapered P straight
Process connection	
2	xxx specify type of flange and pressure rating
Thermowell material	
3	xxx to be specified
Diameter A	
4	xxx please specify in millimeters
Diameter B	
5	xxx please specify in millimeters
Bore diameter W	
6	xxx please specify in millimeters
Instrument connection	
7	xxx specify type of thread
Length U	
8	xxx please specify in millimeters
Length T	
9	xxx please specify in millimeters
Diameter S	
10	xxx please specify in millimeters