

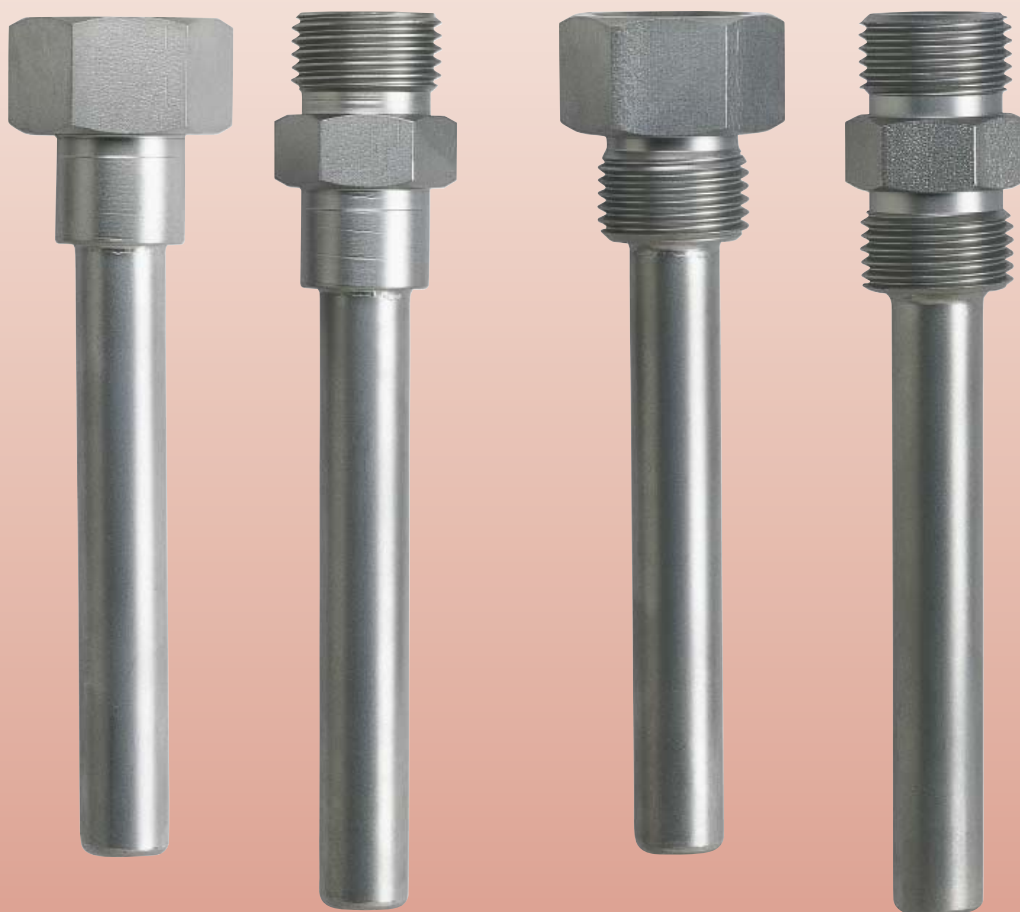


Thermowells for Stem and Capillary Thermometers



measuring
•
monitoring
•
analysing

TSH



- Material:
stainless steel 1.4571
other materials on request
- Connection:
thread or welding nipple



T2

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Description

Thermowells are made of thermally conductive material to separate the thermometer from the measuring medium. A thermowell is especially recommended for pressurized measuring substances. Furthermore a thermowell protects

the thermometer against aggressive measuring substances and allows the thermometer to be easily replaced. Other protective sleeves upon request.

Threaded thermowell

| | for thermometers with G 1/2 union nut (probe ...0B1..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar | | | | | | | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|-------------|--------------|----|-------------------------------------------------------------------------------|----------------------------------|--|
| | Model | Connection Sleeve/thermometer | | Diameter | | AF | Length [mm] Sleeve L | Length [mm] thermometer probe L1 | |
| | | d2 | d1 | Sleeve d3/D | Thermo-meter | | | | |
| | TSH 2C32.. | G 1/2 | G 1/2 | 10.5/12.5 | 10 | 22 | ..10 = 100 ..16 = 160 ..25 = 250 ..40 = 500 ..xx = special length | 120 | |
| | TSH 2C33.. | G 3/4 | G 1/2 | 10.5/12.5 | 10 | 27 | | 180 | |
| | TSH 2C34.. | G 1 | G 1/2 | 10.5/12.5 | 10 | 41 | | 270 | |
| | TSH 2F32.. | G 1/2 | G 1/2 | 13/15 | 12.5 | 22 | | 420 | |
| | TSH 2F33.. | G 3/4 | G 1/2 | 13/15 | 12.5 | 27 | | xx + 20 | |
| TSH 2F34.. | G 1 | G 1/2 | 13/15 | 12.5 | 41 | | | | |

Threaded thermowell

| | for thermometers with G 1/2 Außengewinde (probe ...0C1... ..041..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar | | | | | | | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|----------|-------------|--------------|----|-------------------------------------------------------------------------------|----------------------------|-------|
| | Model | Connection Sleeve/thermometer | | Diameter | | AF | Length [mm] Sleeve L | Length [mm] thermometer L1 | |
| | | d2 | d1 | Sleeve d3/D | Thermo-meter | | | ..0C1 | ..041 |
| | TSH 3C32.. | G 1/2 AG | G 1/2 IG | 10.5/12.5 | 10 | 22 | ..10 = 100 ..16 = 160 ..25 = 250 ..40 = 500 ..xx = special length | 120 | 100 |
| | TSH 3C33.. | G 3/4 AG | G 1/2 IG | 10.5/12.5 | 10 | 27 | | 180 | 160 |
| | TSH 3C34.. | G 1 AG | G 1/2 IG | 10.5/12.5 | 10 | 41 | | 270 | 250 |
| | TSH 3F32.. | G 1/2 AG | G 1/2 IG | 13/15 | 12.5 | 22 | | 420 | 400 |
| | TSH 3F33.. | G 3/4 AG | G 1/2 IG | 13/15 | 12.5 | 27 | | xx | xx |
| TSH 3F34.. | G 1 AG | G 1/2 IG | 13/15 | 12.5 | 41 | | | | |

Welded thermowell

| | for thermometers with G 1/2 union nut (probe ...0B1..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar | | | | | | | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|-------------|--------------|----|-------------------------------------------------------------------------------|----------------------------------|--|
| | Model | Connection Sleeve/thermometer | | Diameter | | AF | Length [mm] Sleeve L | Length [mm] thermometer probe L1 | |
| | | d2 | d1 | Sleeve d3/D | Thermo-meter | | | | |
| | TSH 4C32.. | 18 mm | G 1/2 | 10.5/12.5 | 10 | 22 | ..10 = 100 ..16 = 160 ..25 = 250 ..40 = 500 ..xx = special length | 120 | |
| | TSH 4C33.. | 23 mm | G 1/2 | 10.5/12.5 | 10 | 27 | | 180 | |
| | TSH 4C34.. | 28 mm | G 1/2 | 10.5/12.5 | 10 | 36 | | 270 | |
| | TSH 4F32.. | 18 mm | G 1/2 | 13/15 | 12.5 | 22 | | 420 | |
| | TSH 4F33.. | 23 mm | G 1/2 | 13/15 | 12.5 | 27 | | xx + 20 | |
| TSH 4F34.. | 28 mm | G 1/2 | 13/15 | 12.5 | 36 | | | | |

Welded thermowell

| | for thermometers with G 1/2 Außengewinde (probe ...0C1... ..041..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar | | | | | | | | |
|------------|-------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------|-------|-------------|--------------|----|-------------------------------------------------------------------------------|----------------------------|-------|
| | Model | Connection Sleeve/thermometer | | Diameter | | AF | Length [mm] Sleeve L | Length [mm] thermometer L1 | |
| | | d2 | d1 | Sleeve d3/D | Thermo-meter | | | ..0C1 | ..041 |
| | TSH 5C32.. | 18 mm | G 1/2 | 10.5/12.5 | 10 | 22 | ..10 = 100 ..16 = 160 ..25 = 250 ..40 = 500 ..xx = special length | 120 | 100 |
| | TSH 5C33.. | 23 mm | G 1/2 | 10.5/12.5 | 10 | 27 | | 180 | 160 |
| | TSH 5C34.. | 28 mm | G 1/2 | 10.5/12.5 | 10 | 41 | | 270 | 250 |
| | TSH 5F32.. | 18 mm | G 1/2 | 13/15 | 12.5 | 22 | | 420 | 400 |
| | TSH 5F33.. | 23 mm | G 1/2 | 13/15 | 12.5 | 27 | | xx | xx |
| TSH 5F34.. | 28 mm | G 1/2 | 13/15 | 12.5 | 41 | | | | |

Please specify special lengths in writing when ordering.