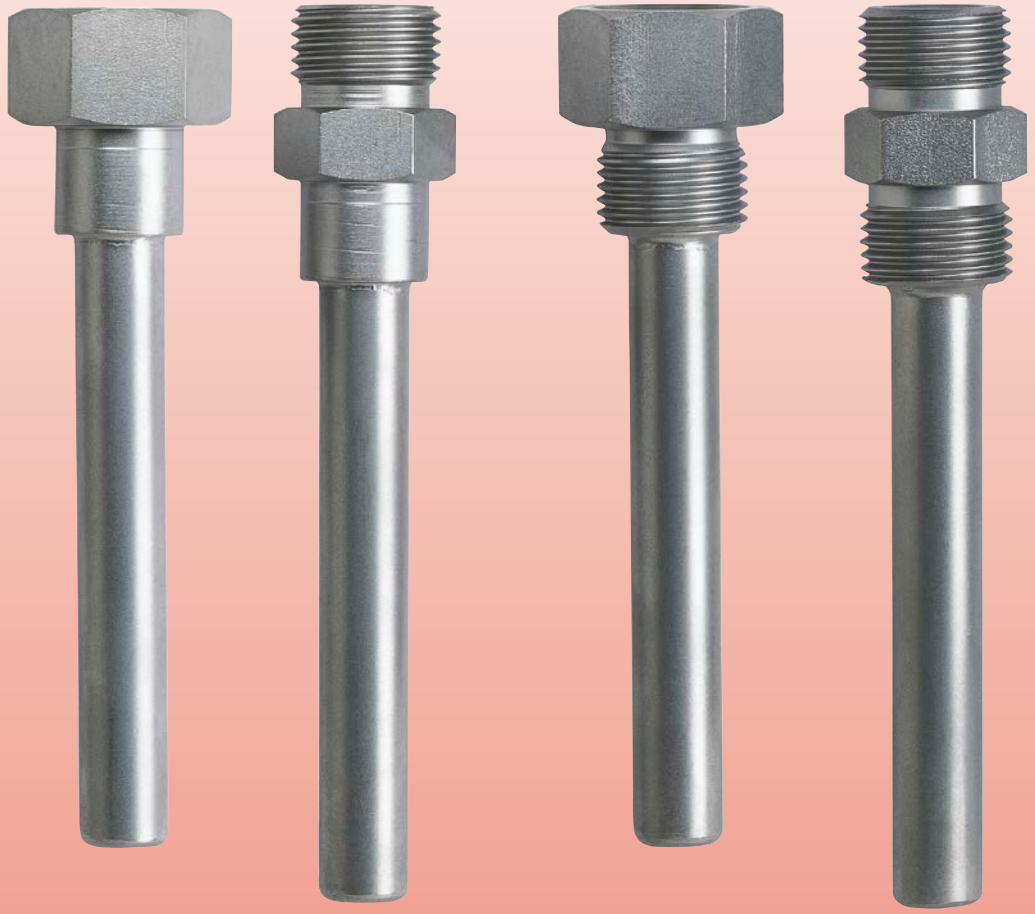
Zertifiziertes QM-System
DIN EN ISO 9001
Zertifikat-Nr. 01017

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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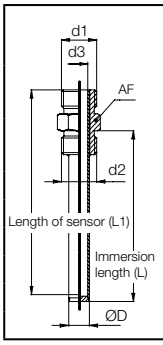
Description

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.

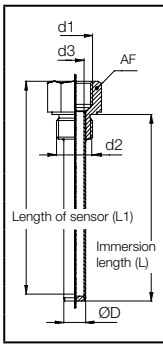
Threaded thermowell



For thermometers with G ½ union nut (probe ...0B1..)
Material: stainless steel 1.4571, ends welded, p_{max}: 25 bar

Model	Connection sleeve/thermometer d2	d1	Diameter sleeve d3/D	thermometer	AF	Length [mm] sleeve L	Length [mm] thermometer probe L1
TSH 2C32..	G ½	G ½	10.5/12.5	10	27	..**10** = 100 ..**16** = 160 ..**25** = 250 ..**40** = 400 ..**xx** = special length	120 180 270 420 xx + 20
TSH 2C33..	G ¾	G ½	10.5/12.5	10	27		
TSH 2C34..	G 1	G ½	10.5/12.5	10	41		
TSH 2F32..	G ½	G ½	13/15	12.5	27		
TSH 2F33..	G ¾	G ½	13/15	12.5	27		
TSH 2F34..	G 1	G ½	13/15	12.5	41		

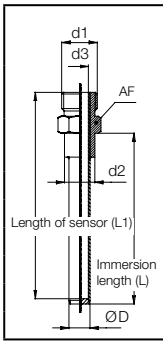
Threaded thermowell



For thermometers with G ½ male thread (probe ...0C1... ..041..)
Material: stainless steel 1.4571, ends welded, p_{max}: 25 bar

Model	Connection sleeve/thermometer d2 (male)	d1 (female)	Diameter sleeve d3/D	thermometer	AF	Length [mm] sleeve L	Length [mm] thermometer L1 ..0C1	..041
TSH 3C32..	G ½	G ½	10.5/12.5	10	27	..**10** = 100 ..**16** = 160 ..**25** = 250 ..**40** = 400 ..**xx** = special length	120 180 270 420 xx	100 160 250 400 xx
TSH 3C33..	G ¾	G ½	10.5/12.5	10	27			
TSH 3C34..	G 1	G ½	10.5/12.5	10	41			
TSH 3F32..	G ½	G ½	13/15	12.5	27			
TSH 3F33..	G ¾	G ½	13/15	12.5	27			
TSH 3F34..	G 1	G ½	13/15	12.5	41			

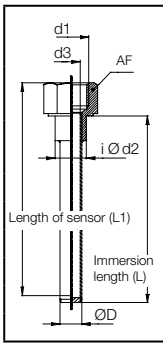
Welded thermowell



For thermometers with G ½ union nut (probe ...0B1..)
Material: stainless steel 1.4571, ends welded, p_{max}: 25 bar

Model	Connection sleeve/thermometer d2	d1	Diameter sleeve d3/D	thermometer	AF	Length [mm] sleeve L	Length [mm] thermometer probe L1
TSH 4C32..	18 mm	G ½	10.5/12.5	10	27	..**10** = 100 ..**16** = 160 ..**25** = 250 ..**40** = 400 ..**xx** = special length	120 180 270 420 xx + 20
TSH 4C33..	23 mm	G ½	10.5/12.5	10	27		
TSH 4C34..	28 mm	G ½	10.5/12.5	10	36		
TSH 4F32..	18 mm	G ½	13/15	12.5	27		
TSH 4F33..	23 mm	G ½	13/15	12.5	27		
TSH 4F34..	28 mm	G ½	13/15	12.5	36		

Welded thermowell



For thermometers with G ½ male thread (probe ...0C1... ..041..)
Material: stainless steel 1.4571, ends welded, p_{max}: 25 bar

Model	Connection sleeve/thermometer d2	d1	Diameter sleeve d3/D	thermometer	AF	Length [mm] sleeve L	Length [mm] thermometer L1 ..0C1	..041
TSH 5C32..	18 mm	G ½	10.5/12.5	10	27	..**10** = 100 ..**16** = 160 ..**25** = 250 ..**40** = 400 ..**xx** = special length	120 180 270 420 xx	100 160 250 400 xx
TSH 5C33..	23 mm	G ½	10.5/12.5	10	27			
TSH 5C34..	28 mm	G ½	10.5/12.5	10	41			
TSH 5F32..	18 mm	G ½	13/15	12.5	27			
TSH 5F33..	23 mm	G ½	13/15	12.5	27			
TSH 5F34..	28 mm	G ½	13/15	12.5	41			

Please specify special lengths in writing when ordering.

No responsibility taken for errors;
subject to change without prior notice.
1/04 - 2017