



Thermowells for Stem and Capillary Thermometers



measuring
•
monitoring
•
analysing

TSH



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



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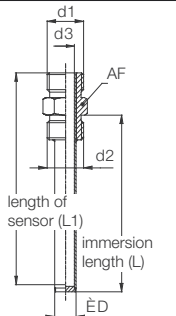
KOBOLD Messring GmbH
Nordring 22-24
D-65719 Hofheim/Ts.
☎ Head Office:
+49(0)6192 299-0
☎ Sales DE:
+49(0)6192 299-500
☎ +49(0)6192 299-23398
info.de@kobold.com
www.kobold.com

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 ther-

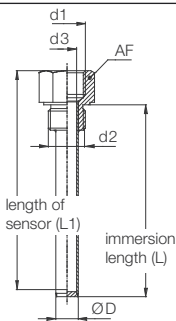
момeter against aggressive measuring substances and allows the thermometer to be easily replaced. Other protective sleeves upon request.

Threaded Thermowell



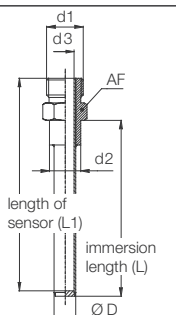
for thermometers with G 1/2 union nut (probe ...0B1..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar							
Model	Connection sleeve/thermometer		Diameter sleeve		AF	Length [mm] sleeve L	Length [mm] thermom. L1
	d2	d1	d3/D	thermom.			..OC1 ..041
TSH 2C32..	G 1/2	G 1/2	11/12.5	10	22	..10 = 100	120
TSH 2C33..	G 3/4	G 1/2	11/12.5	10	27	..16 = 160	180
TSH 2C34..	G 1	G 1/2	11/12.5	10	41	..25 = 250	270
TSH 2F32..	G 1/2	G 1/2	13/15	12	22	..40 = 400	420
TSH 2F33..	G 3/4	G 1/2	13/15	12	27	..xx = special length	xx + 20
TSH 2F34..	G 1	G 1/2	13/15	12	41		

Threaded Thermowell



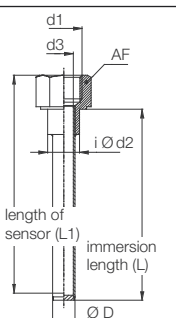
for thermometers with G 1/2 external thread (probe ...0C1..., ..041..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar							
Model	Connection sleeve/thermometer		Diameter sleeve		AF	Length [mm] sleeve L	Length [mm] thermom. L1
	d2	d1	d3/D	thermom.			..OC1 ..041
TSH 3C32..	G 1/2 AG	G 1/2 IG	11/12.5	10	27	..10 = 100	120
TSH 3C33..	G 3/4 AG	G 1/2 IG	11/12.5	10	32	..16 = 160	180
TSH 3C34..	G 1 AG	G 1/2 IG	11/12.5	10	41	..25 = 250	270
TSH 3F32..	G 1/2 AG	G 1/2 IG	13/15	12	27	..40 = 400	420
TSH 3F33..	G 3/4 AG	G 1/2 IG	13/15	12	32	..xx = special length	xx
TSH 3F34..	G 1 AG	G 1/2 IG	13/15	12	41		xx

Welded Thermowell



for thermometers with G 1/2 internal thread (probe ...0B1..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar							
Model	Connection sleeve/thermometer		Diameter sleeve		AF	Length [mm] sleeve L	Length [mm] thermom. probe L1
	d2	d1	d3/D	thermom.			thermometer probe L1
TSH 4C32..	18 mm	G 1/2	11/12.5	10	22	..10 = 100	120
TSH 4C33..	23 mm	G 1/2	11/12.5	10	27	..16 = 160	180
TSH 4C34..	28 mm	G 1/2	11/12.5	10	36	..25 = 250	270
TSH 4F32..	18 mm	G 1/2	13/15	12	22	..40 = 400	420
TSH 4F33..	23 mm	G 1/2	13/15	12	27	..xx = special length	xx + 20
TSH 4F34..	28 mm	G 1/2	13/15	12	36		

Welded Thermowell



for thermometers with G 1/2 external thread (probe ...0C1..., ..041..) Material: stainless steel 1.4571, ends welded, p _{max} : 25 bar							
Model	Connection sleeve/thermometer		Diameter sleeve		AF	Length [mm] sleeve L	Length [mm] thermom. L1
	d2	d1	d3/D	thermom.			..OC1 ..041
TSH 5C32..	18 mm	G 1/2	11/12.5	10	27	..10=100	120
TSH 5C33..	23 mm	G 1/2	11/12.5	10	32	..16=160	180
TSH 5C34..	28 mm	G 1/2	11/12.5	10	41	..25=250	270
TSH 5F32..	18 mm	G 1/2	13/15	12	27	..40=400	420
TSH 5F33..	23 mm	G 1/2	13/15	12	32	..xx=Sonderlänge	xx
TSH 5F34..	28 mm	G 1/2	13/15	12	41		xx

Please specify special lengths in writing when ordering.