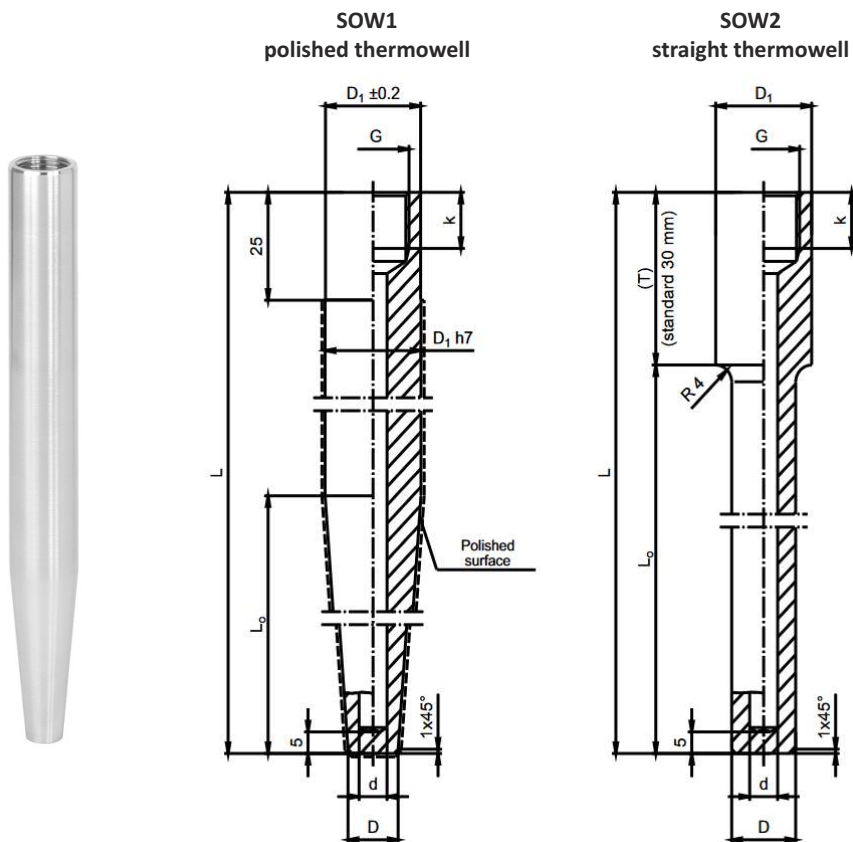


Thermowells, ceramic tubes and insulation rods for thermocouples

SOW - DRILLED THERMOWELLS

Drilled thermowells for use in high pressure and high flow, as security for the proper operation of TC sensors in measurement applications. The whole element is made of a single material with a deep drilling over the entire length. They are widely used in heavy industry, food, chemical and power industry. Weld-in thermowells are welded directly into the measurement process.



Bore diameter d	Min. thermowell diameter D	Max. thermowell length L
Ø3,5	Ø10	400
Ø7	Ø12	700
Ø9	Ø15	600
Ø12	Ø18	700
Ø12	-	1400
Ø14	Ø20	600

Thread type G	Thread length k	Min. diameter of lagging extension D ₁
M14x1,5	13	Ø18
M18x1,5	15	Ø24
M20x1,5	15	Ø26
G1/2	15	Ø26
M27x2	20	Ø32
G3/4	20	Ø32

TECHNICAL DATA

Max. temperature	depends on material and dimension
Bore diameter	from 3.5 mm to 14 mm
Thread	M14x1,5; M18x1,5; M20x1,5; M27x2; G1/2; G3/4
Material	1.4404, 1.4541, 1.4571, 1.7335

ORDERING

SOWX-X-X-X-X-X-X-X

- thermowell type:**
 - 1 : polished
 - 2 : straight
- thermowell diameter D:**
 - 15 mm
 - other, please specify
- weaning diameter D₁:**
 - 24 mm
 - other, please specify
- bore diameter d:**
 - 7 mm
 - other, please specify
- material:**
 - A : 1.4541 steel
 - B : 1.4571 steel
 - C : 1.4404 steel
 - D : 1.7335 steel
 - other, please specify
- length L₀:**
 - 100 mm
 - other, please specify
- total length L:**
 - 300 mm
 - other, please specify
- thread length k:**
 - acc. to the table
- thread type G:**
 - M18x1,5
 - other, acc. to the table

