

# Thermowell Form 8 – DIN 43772

for thermometers with union nut - multi-part

**SR**

## APPLICATION

Thermowells/Protective tubes made of thermally conductive materials serve to separate the temperature measuring device from the medium being measured. For pressurized media, a thermowell/protective tube is highly recommended. Furthermore, a protective tube protects the thermometer from aggressive substances and allows for easy replacement of the thermometer. Thermometers.

The maximum static pressure load of the protective tubes of type SR Form 8 depends on the material used and the pressure-temperature load.



## EXECUTION

- Screw-in thermowell
- multi-part - brazed or welded
- Thermometer connection G1/2" or G3/4"
- Immersion shaft thermometer ø 6, 8 or 10mm
- Materials: Brass, steel or stainless steel 1.4571

## APPLICATION

- Chemistry, process engineering, apparatus engineering
- under low and medium process loads

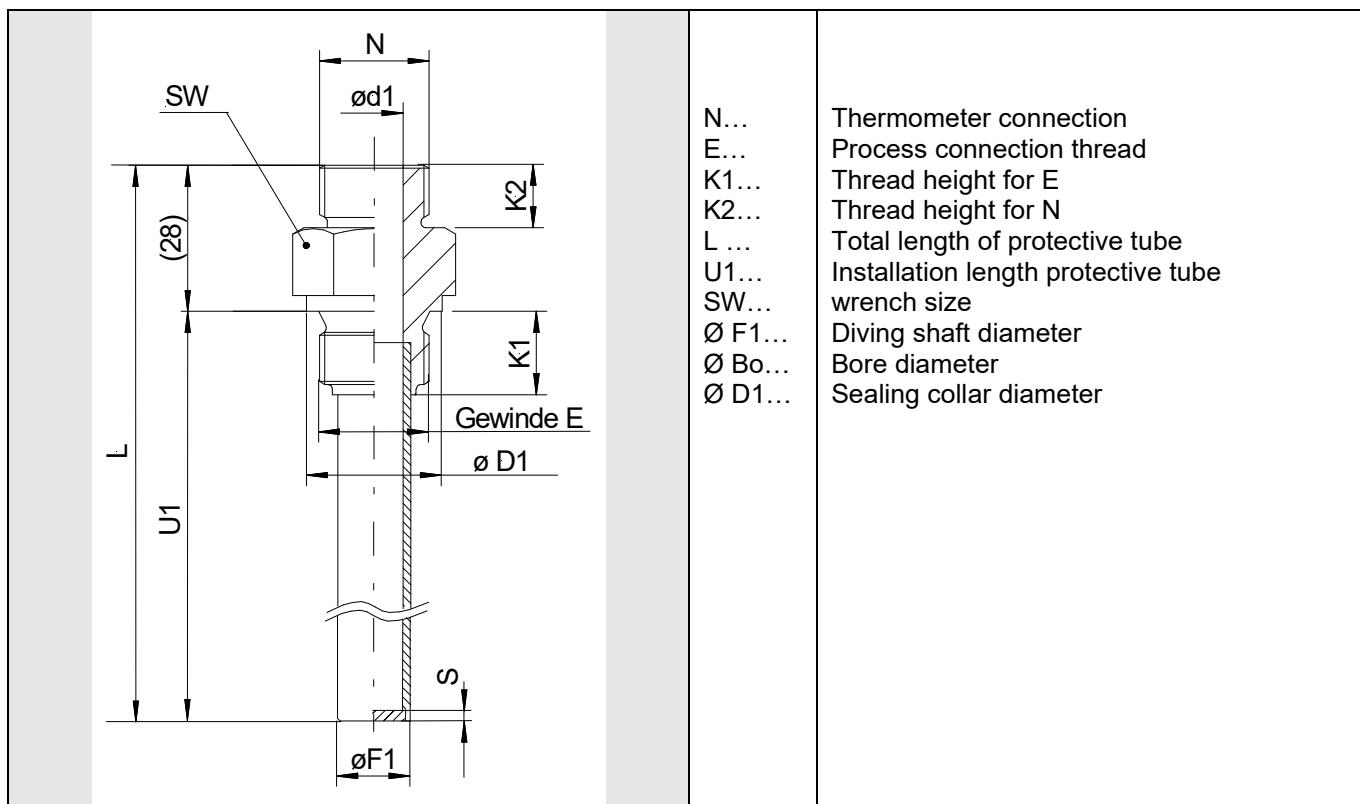
## DESCRIPTION

- Process connection G1/2" or G3/4"
- Connection to the thermometer with union nut G1/2" or G3/4"
- Bore according to DIN ø7mm, ø9mm, ø11mm
- Bore design: quick response, ø6.2mm, ø8.2mm
- Installation length U1 = 73mm, 110mm, 170mm, 210mm, 260mm
- Total length L = U1 + 16mm

## OPTIONS

- Special designs available on request (threaded connections, material, dimensions, etc.)
- Inspection test certificates 3.1
- Hydrostatic pressure test

## TECHNICAL DATA



Dimensions in mm

Material	Connection N	Process connection E	Drilling ø d1	Insertion shaft ø F1	K1	K2	ø D1	SW
stainless steel 1.4571	G1/2"	G1/2"	6.2	8	14	12	26	27
			8.2	10				
			7	12				
			9	14				
			11	14				
Brass	G1/2"	G1/2"	8.5	10	14	12	26	27
stainless steel 1.4571	G3/4"	G3/4"	6.2	8	16	14	32	32
			8.2	10				
			7	12				
			9	14				
			11	14				

Assignment of protective tube – thermometer installation length L1

Protective tube Installation length U1	Thermometer insertion shaft length L1
	union nut
73	89
110	126
170	186
210	226
260	276
$L1 = U1 + 16\text{mm}$	