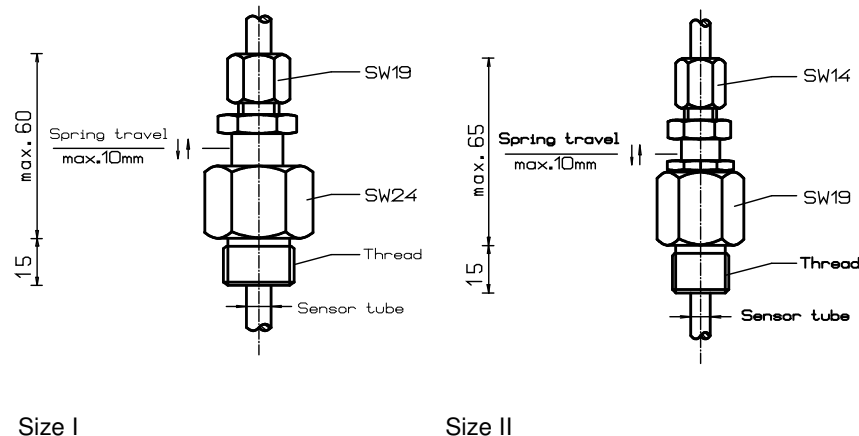


Sliding resilient fitting for thermocouple

Mode of operation An internal compression spring presses the measuring tip of the sensor tube to the surface to be measured, thus achieving a good heat transfer. Thereby, the thermal expansion between the measured zone and the outer housing (holder) is balanced simultaneously. The resilient inner part is sealed with an O - ring and therefore, a leakage of, for example, Bearing oil is not possible.

Material **Fitting** : stainless steel Material no.: 1.4305
Sealing ring : Perbunan Temperature range -25 / +100°C

Dimension


Version		Cutting ring Teflon						
Thread	Size	Sensor diameter in mm						
		3Ø	4Ø	4,5Ø	5Ø	6Ø	8Ø	10Ø
M8x1	I	8.90.04.01	8.90.04.02	8.90.04.03	—	—	—	—
M10x1	I	8.90.04.04	8.90.04.05	8.90.04.06	8.90.04.07	8.90.04.08	—	—
1/8 NPT	I	8.90.04.09	8.90.04.10	8.90.04.11	8.90.04.12	8.90.04.13	—	—
G 1/8"	I	8.90.04.14	8.90.04.15	8.90.04.16	8.90.04.17	8.90.04.18	—	—
G 1/4"	II	8.90.04.19	8.90.04.20	8.90.04.21	8.90.04.22	8.90.04.23	8.90.04.24	—
G 3/8"	II	8.90.04.25	8.90.04.26	8.90.04.27	8.90.04.28	8.90.04.29	8.90.04.30	8.90.04.31
G 1/2"	II	8.90.04.32	8.90.04.33	8.90.04.34	8.90.04.35	8.90.04.36	8.90.04.37	8.90.04.38
M 20	II	8.90.04.39	8.90.04.40	8.90.04.41	8.90.04.42	8.90.04.43	8.90.04.44	8.90.04.45
M 24x1,5	II	8.90.04.46	8.90.04.47	8.90.04.48	8.90.04.49	8.90.04.50	8.90.04.51	8.90.04.52

Version		Cutting ring steel			
Thread	Size	Sensor diameter in mm			
		4Ø	6Ø	8Ø	10Ø
M8x1	I	8.90.05.02	—	—	—
M10x1	I	8.90.05.05	8.90.05.08	—	—
1/8 NPT	I	8.90.05.10	8.90.05.13	—	—
G 1/8"	I	8.90.05.15	8.90.05.18	—	—
G 1/4"	II	8.90.05.20	8.90.05.23	8.90.05.24	—
G 3/8"	II	8.90.05.26	8.90.05.29	8.90.05.30	8.90.05.31
G 1/2"	II	8.90.05.33	8.90.05.36	8.90.05.37	8.90.05.38
M20	II	8.90.05.40	8.90.05.43	8.90.05.44	8.90.05.45
M24x1,5	II	—	8.90.05.50	8.90.05.51	8.90.05.52