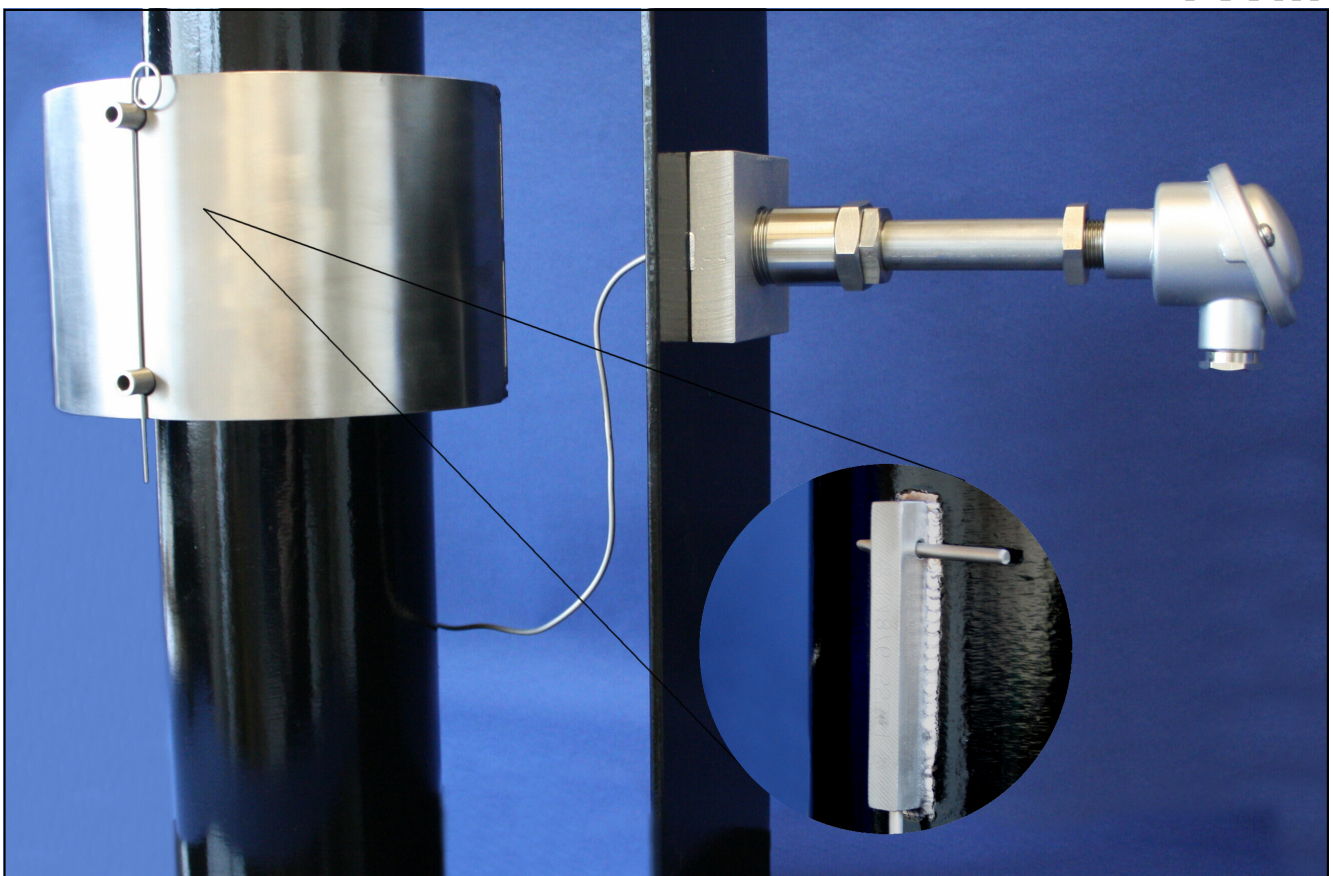


Rohrwandtemperaturmessung

TWM



05/15

Abbildung:

Rohrwandtemperaturmessung für Rohraussendurchmesser 101,6mm mit gasdichter Ofenwanddurchführung

GBL 49608

-
- Technical drawing of a thermocouple assembly. The drawing includes a side view, a top view, and a detail view of the thermocouple junction.
- Dimensions and Labels:**
- Side View:**
 - Heftstellen (baustellenseitig): Mounting points on the construction side.
 - 150: Total height of the assembly.
 - 116: Height of the main body.
 - Ø12x2,5: Diameter and wall thickness of the main body.
 - ~10: Distance between mounting points.
 - Spannband für Thermoelement 49604 (Teil 5): Tensioning band for the thermoelement.
 - vorzugsweise im Abstand von 500-800mm: Preferably at a distance of 500-800mm.
 - 50: Distance from the main body to the thermocouple junction.
 - Strahlungs-isolierung t=2: Radiation insulation, thickness t=2.
 - Schutzkappe (Teil 2) 1.4878: Protective cap, part 2, material 1.4878.
 - X: Marking on the protective cap.
 - Top View:**
 - Ø88,9 to Ø273,0: Range of outer diameters for the main body.
 - Detail View (Thermocouple Junction):**
 - Fixierblock 49203 (Teil 1a) mit Klemmstift 49206 (Teil 1b): Fixing block 49203 (part 1a) with clamping pin 49206 (part 1b).
 - 65: Height of the fixing block.
 - Ø3,2: Diameter of the clamping pin.
 - 8: Width of the fixing block.
 - Ø4: Diameter of the thermocouple wire.
- Material List:**
- | Material | Part Number |
|-------------------|-------------|
| 1.4876 (Standard) | 1.4876 |
| 1.4541 | 1.4541 |
| 1.7335 | 1.7335 |
| 1.7380 | 1.7380 |
| 1.7362 | 1.7362 |
| 1.4903 | 1.4903 |
- Rohraußendurchmesser (Outer Diameter of Pipe):**
- | Rohraußendurchmesser | Part Number |
|----------------------|-------------|
| Ø88,9 | 1.4876 |
| Ø101,6 | 1.4541 |
| Ø114,3 | 1.7335 |
| Ø139,7 | 1.7380 |
| Ø168,3 | 1.7362 |
| Ø219,1 | 1.4903 |
| Ø273,0 | 1.4876 |

1.4876
1.4435
1.7335
1.7380
1.7362
1.4903

 ~ 1.4878 **GBL 49109**