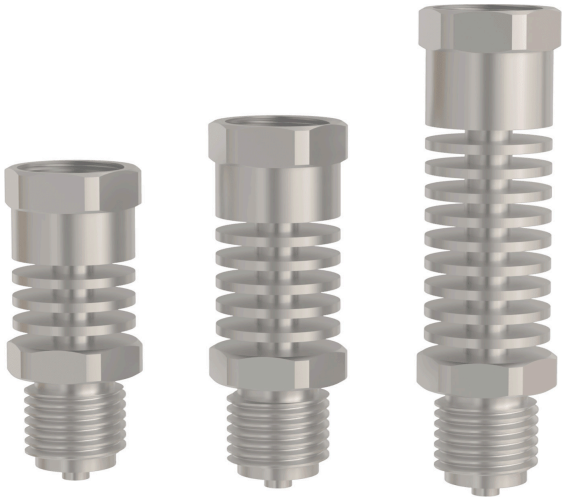
# Stainless Steel Cooling Towers

## Applications

- Protection of pressure measuring instruments against overheating
- Protection against pressure surges and fluctuations
- Hot water and steam lines
- Chemical and Petro-chemical industry
- Power plants

## Sample Picture



## General Features

- Compact design
- All stainless steel material
- High temperature resistance

## Standard Technical Features

**Instrument connection**

G1/4B
G1/2B
1/4"NPT
1/2"NPT
M20x1,5

**Process connection**

G1/4B
G1/2B
1/4"NPT
1/2"NPT
M20x1,5

**Material**

316L stainless steel

**Working temperature**

Maximum 200 °C (depending on process pressure)

**Working pressure**

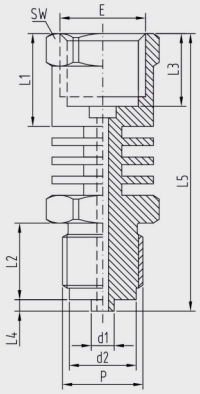
Maximum 600 bar (depending on process temperature)

**Options**

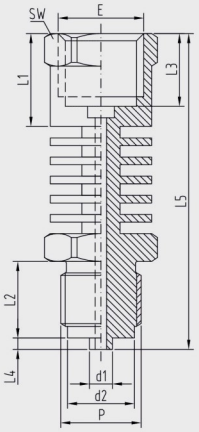
- Other instrument connections
- Other process connections

aterma®

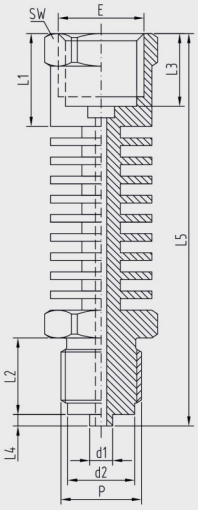
## Standard Technical Features




3-groove




5-groove




9-groove

**Dimensions (mm)**

| Instrument connection ( E ) | Process connection ( P ) | L1 | L2 | L3 | L4 | L5 | | | d1 | d2 | SW |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | 3-groove | 5-groove | 9-groove | | | |
| G 1/4 B (female) | G 1/4 B (male) | 19,5 | 13,25 | 13 | 2 | 60 | 70 | 90 | 5 | 9,5 | 27 |
| G 1/4 B (female) | G 1/2 B (male) | 19,5 | 20 | 13 | 3 | 67,75 | 77,75 | 97,75 | 6 | 17,5 | 27 |
| G 1/4 B (female) | 1/4" NPT (male) | 19,5 | 12,3 | 13 | - | 57,05 | 67,05 | 87,05 | - | - | 27 |
| G 1/4 B (female) | 1/2" NPT (male) | 19,5 | 19 | 13 | - | 63,75 | 73,75 | 93,75 | - | - | 27 |
| G 1/4 B (female) | M20 x 1,5 (male) | 19,5 | 19 | 13 | 2,5 | 66,25 | 76,25 | 96,25 | 6 | 17,5 | 27 |
| 1/4" NPT (female) | 1/4" NPT (male) | 19,5 | 12,3 | 10,3 | - | 57,05 | 67,05 | 87,05 | - | - | 27 |
| 1/4" NPT (female) | 1/2" NPT (male) | 19,5 | 19 | 10,3 | - | 63,75 | 73,75 | 93,72 | - | - | 27 |
| 1/4" NPT (female) | G 1/4 B (male) | 19,5 | 13,25 | 10,3 | 2 | 60 | 70 | 90 | 5 | 9,5 | 27 |
| 1/4" NPT (female) | G 1/2 B (male) | 19,5 | 20 | 10,3 | 3 | 67,75 | 77,75 | 97,75 | 6 | 17,5 | 27 |
| 1/4" NPT (female) | M20 x 1,5 (male) | 19,5 | 19 | 10,3 | 2,5 | 66,25 | 76,25 | 96,25 | 6 | 17,5 | 27 |
| G 1/2 B (female) | G 1/4 B (male) | 24,25 | 13,25 | 19 | 2 | 64,75 | 74,75 | 94,75 | 5 | 9,5 | 27 |
| G 1/2 B (female) | G 1/2 B (male) | 24,25 | 20 | 19 | 3 | 72,5 | 82,5 | 102,5 | 6 | 17,5 | 27 |
| G 1/2 B (female) | 1/4" NPT (male) | 24,25 | 12,3 | 19 | - | 61,8 | 71,8 | 91,8 | - | - | 27 |
| G 1/2 B (female) | 1/2" NPT (male) | 24,25 | 19 | 19 | - | 68,5 | 78,8 | 98,8 | - | - | 27 |
| G 1/2 B (female) | M20 x 1,5 (male) | 24,25 | 19 | 19 | 2,5 | 71 | 81 | 101 | 6 | 17,5 | 27 |
| 1/2" NPT (female) | 1/4" NPT (male) | 24,25 | 12,3 | 18 | - | 61,8 | 71,8 | 91,8 | - | - | 27 |
| 1/2" NPT (female) | 1/2" NPT (male) | 24,25 | 19 | 18 | - | 68,5 | 78,5 | 98,5 | - | - | 27 |
| 1/2" NPT (female) | G 1/4 B (male) | 24,25 | 13,25 | 18 | 2 | 64,75 | 74,75 | 94,75 | 5 | 9,5 | 27 |
| 1/2" NPT (female) | G 1/2 B (male) | 24,25 | 20 | 18 | 3 | 72,5 | 82,5 | 102,5 | 6 | 17,5 | 27 |
| 1/2" NPT (female) | M20 x 1,5 (male) | 24,25 | 19 | 18 | 2,5 | 71 | 81 | 101 | 6 | 17,5 | 27 |
| M20 x 1,5 (female) | M20 x 1,5 (male) | 24,25 | 19 | 19 | 2,5 | 71 | 81 | 101 | 6 | 17,5 | 27 |
| M20 x 1,5 (female) | G 1/4 B (male) | 24,25 | 13,25 | 19 | 2 | 64,75 | 74,75 | 94,75 | 5 | 9,5 | 27 |
| M20 x 1,5 (female) | G 1/2 B (male) | 24,25 | 20 | 19 | 3 | 72,5 | 82,5 | 102,5 | 6 | 17,5 | 27 |
| M20 x 1,5 (female) | 1/4" NPT (male) | 24,25 | 12,3 | 19 | - | 61,8 | 71,8 | 91,8 | - | - | 27 |
| M20 x 1,5 (female) | 1/2" NPT (male) | 24,25 | 19 | 19 | - | 68,5 | 78,5 | 98,5 | - | - | 27 |



AK TEKNİK
FABRİKA MALZ. TİC. VE SAN. LTD. ŞTİ.
Meclis Mah. Atatürk Cad.
No.51/2-3 34785
Sancaktepe / İSTANBUL / TÜRKİYE
Tel: +90 216 314 20 50
www.aterma.com.tr
satis@aterma.com.tr