



Belows Material  
**304ss-316ss**  
 321ss

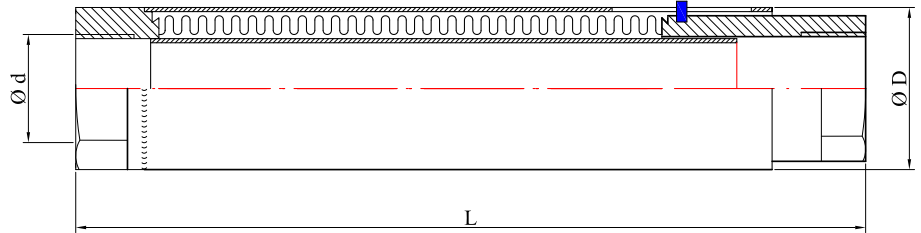
Design Pressure  
**16**<sub>barg</sub>

Design Temperature  
**400**<sup>°C</sup>

Balance Material  
**Carbon Steel**  
 304ss -316ss

Design Movement  
**(±)25 mm axial**

| Nominal Diameter (DN)   | DN15 (1/2") | DN20 (3/4") | DN25 (1") | DN32 (1 1/4") | DN40 (1 1/2") | DN50 (2") | DN65 (2 1/2") | DN80 (3") | DN100 (4") |
|-------------------------|-------------|-------------|-----------|---------------|---------------|-----------|---------------|-----------|------------|
| Outside Diameter D (mm) | 35          | 42          | 51        | 60            | 63            | 70        | 99            | 114       | 139        |
| Length L (mm)           | 260         | 260         | 260       | 260           | 260           | 260       | 260           | 260       | 260        |



# CENTRAL HEATING SYSTEM EXPANSION JOINTS



Advantages of using expansion joints in central heating systems:

- Deformations and noise resulting from thermal stresses are prevented
- Minimum and maximum limits and pretension are observed easily with the help of limiting pin
- Internal sleeve prevents pressure losses and misalignments while external cover prevents external damages
- Installation is easy and quick



They can be used for indoor applications where aesthetic appearance is important.



Connection type is threaded inside for diameters up to and including DN50 (2")

Significant displacements due to thermal movements on central heating pipes create thermal stresses resulting in bending of pipes and irritating noise