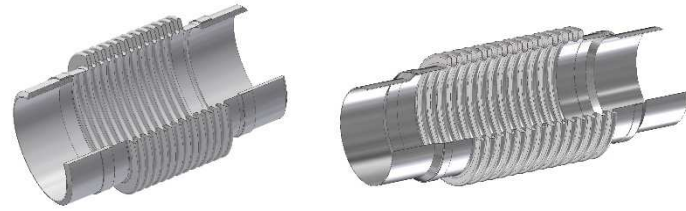


## Axial Expansion Joints



Bellows Technology stainless steel axial expansion joints incorporate a single 'set' of convolutions and are designed to absorb thermal pipe expansion and vibration in pipelines, ducting and exhaust systems. Axial expansion joints are 'unrestrained' joints, and as such it is essential that system anchors and pipe guides are positioned so as to ensure correct pipe alignment and sufficient fixed point anchoring of the system. Stainless steel axial expansion joints can be supplied 'pre-set' to offer maximum compression or extension.

Our range of stainless steel axial expansion joints are available with the following design and construction options;

Size range: 50mm/2" DN up to and including 3000mm/120" DN

Materials: Bellows membranes available in stainless steels and high alloy •exotic• materials.

Diameter and Length guide:

Diameter	Length
50mm – 100mm DN inclusive	120mm up to and including 220mm
125mm - 150mm DN inclusive	130mm up to and including 320mm
200mm - 300mm DN inclusive	150mm up to and including 360mm
200mm - 300mm DN inclusive	200mm and above
1100mm - 3000mm DN inclusive	200mm and above

End Connections:

- Flanged to PN/ANSI/JIS standards in carbon and stainless steel
- (Non-standard flanges available on request)
- Pipe stub ends available with standard schedule wall thicknesses in carbon and stainless steel

(Non-standard pipe diameters and wall thicknesses are available on request)

Additional features that are also available on request include:

- Fixed and/or Swivel flanges
- Limit or control rods
- External protective shrouds
- Extension stubs
- Shipping bars
- Specialist flange coatings
- Non Destructive Testing
- Certification and Documentation in line with customer requirements

Call on our experience

+44 (0) 1663 745873

**BELLOWS**  
TECHNOLOGY LTD