



EXPANSION JOINT



EXPANSION JOINTS

AXIAL EXPANSION JOINTS

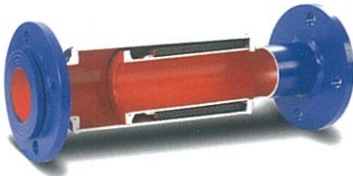


Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Connection Material

Optional

Stainless Steel AISI 321 (Opt. 304, 316L, 316Ti, 309)
DN15 (1/2") - DN3800 (152")
PN 2,5/6/16/25/40/64
-80°C/+600°C
Fixed and Floating Flanged and Welded Ended
Carbon Steel St. 37.2 as standard,
The material can be customized on request
Inner Sleeve Stainless Steel
AISI 321 (Opt. 304, 316L, 316Ti, 309)

AXIAL EXPANSION JOINTS ► EXTERNALLY PRESSURIZED



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Flange Material

Optional

Stainless Steel AISI 321 (Opt. 304, 316L, 316Ti, 309)
DN15 (1/2") - DN3800 (152")
PN 2,5/6/16/25/40/64
-80°C/+600°C
Fixed and Floating Flanged and Welded Ended
Carbon Steel St. 37.2 as standard,
The material can be customized on request
Inner Sleeve Stainless Steel
AISI 321 (Opt. 304, 316L, 316Ti, 309)

AXIAL EXPANSION JOINTS ► PIPE EXPANSION JOINTS



Bellow Material
Body Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types

Stainless Steel AISI 316L
Aluminium (Opt. Stainless Steel)
DN15 (1/2") - DN250 (10")
PN 16
Max 100°C
Threaded and Welded Ended

AXIAL EXPANSION JOINTS ► VIBRATION ABSORBER



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Connection Material
Tie Rod Material

Stainless Steel AISI 321 (Opt. 304, 316L, 316Ti, 309) Double Plyed
DN15 (1/2") - DN3800 (152")
PN 2,5/6/16/25/40/64
-80°C/+600°C
Fixed Flanged
Carbon Steel St. 37.2 as standard*
Carbon Steel St. 37.2 as standard*

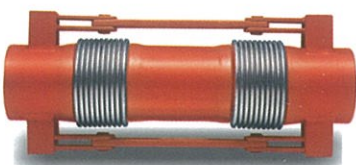
AXIAL EXPANSION JOINTS ► BRAIDED VIBRATION ABSORBER



Bellow Material
Braiding Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Connection Material

Stainless Steel AISI 321
Stainless Steel AISI 304
DN15 (1/2") - DN300 (12")
16 bar
-80°C/+600°C
Fixed and Floating Flanged and Welded Ended
Carbon Steel St. 37.2 as standard*

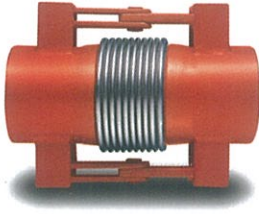
LATERAL EXPANSION JOINTS ► HINGED



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Flange Material

Stainless Steel AISI 321 (Opt. 304, 316L, 316Ti, 309)
DN15 (1/2") - DN3800 (152")
PN 2,5/6/16/25/40/64
-80°C/+600°C
Fixed and Floating Flanged and Welded Ended
Carbon Steel St. 37.2 as standard*

ANGULAR EXPANSION JOINTS ► HINGED



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Flange Material

Stainless Steel AISI 321 (Opt. 304, 316L, 316TI, 309)
DN15 (1/2") - DN3800 (152")
PN 2.5/6/16/25/40/64
-80°C/+600°C
Fixed and Floating Flanged and Welded Ended
Carbon Steel St. 37.2 as standard*

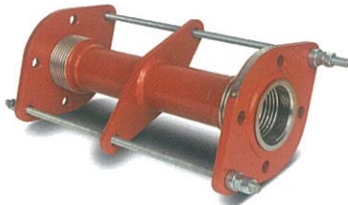
ANGULAR EXPANSION JOINTS ► GIMBAL TYPE SEISMIC EXPANSION JOINTS



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Flange Material
Intermediate Pipe

Stainless Steel AISI 321 (Opt. 304, 316L, 316TI, 309)
DN15 (1/2") - DN2600 (102")
PN 2.5/6/16/25/40/64
-80°C/+600°C
Fixed Flanged, Welded Ended, Grooved
Carbon Steel St. 37.2 as standard*,
Carbon Steel St. 37.2 as standard*

LATERAL EXPANSION JOINTS ► DILATATION EXPANSION JOINTS WITH TIE RODS



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Flange Material
Tie Rod Material
Intermediate Pipe

Stainless Steel AISI 321 (Opt. 304, 316L, 316TI, 309)
DN15 (1/2") - DN2600 (102")
PN 2.5/6/16/25/40/64
-80°C/+600°C
Fixed Flanged, Welded Ended, Grooved
Carbon Steel St. 37.2 as standard*,
Carbon Steel St. 37.2 as standard*,
Carbon Steel St. 37.2 as standard*

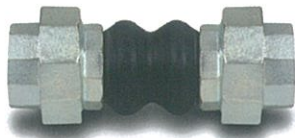
BRAIDED LOOP JOINTS ► FIRE PROTECTION EXPANSION JOINTS



Bellow Material
Braiding Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Fittings Materials
Elbow and Turn Material
Connection Material

Stainless Steel AISI 316L
Stainless Steel AISI 304
DN15 (1/2") - DN250 (10")
175, 250 psi
-80°C/+600°C
Flange, Welded ends, Grooved
Carbon Steel St. 37.2*
Carbon Steel St. 37.2*
Carbon Steel St. 37.2*

RUBBER EXPANSION JOINTS ► THREADED



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Connection Material

Special Synthetic Rubber
DN20 (3/4") - DN100 (4")
10 bar
Max. 90°C
Threaded
Cast Iron

RUBBER EXPANSION JOINTS ► FLANGED



Bellow Material
Nominal Diameter
Operating Pressure
Operating Temperature
Connection Types
Connection Material

Special Synthetic Rubber
DN32 (3/4") - DN400 (16")
16 bar
Max. 90°C
Floating Flanged
Ductile Iron GGG 40.3 (Optional composite)

* The materials can be customized on request.

Ayvaz products are subject to technical alterations and deviations resulting from the manufacturing process.

EXPANSION JOINT



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