

## Single Axial Compensator for Steel & Copper Pipe Male Screwed Ends



Working Pressure: Standard 10 Bar (1000kPa)  
(Up to 16 Bar Dependant on PED Conditions)

Test Pressure: 1.5 x Working Pressure

Temperature: Up To 120°C

Size	Axial Compression	Installed Length	Force To Compress
15	25	200	1.47 N/mm
20	25	200	1.47 N/mm
25	25	200	1.27 N/mm
32	25	210	3.04 N/mm
40	25	220	3.04 N/mm
50	25	250	3.34 N/mm
15	50	300	1.47 N/mm
20	50	300	1.47 N/mm
25	50	300	1.27 N/mm
32	50	310	3.04 N/mm
40	50	320	3.04 N/mm
50	50	350	3.04 N/mm

### Material Specifications:

Convolutions: 316 Stainless Steel  
Internal Sleeves: 304 Stainless Steel  
Fittings: 304 Stainless Steel

### Details:

All units are supplied pre-stressed at installation lengths complete with internal sleeves.

This type of compensator is mainly used on perimeter heating and riser systems.

Designed to accept linear expansion on Steel & Copper Systems.

The anchor loads generated by this type of Axial Compensator are high. A saddle guide with low frictional resistance should be used.

## Single Axial Compensator for Steel Pipe PN16 Flanged Ends



Working Pressure: 16 Bar (1600kPa)

Test Pressure: 1.5 x Working Pressure

Temperature: Up To 120°C

Size	Axial Compression	Installed Length	Force to Compress
50	50	225	53 N/mm
65	50	225	91 N/mm
80	50	230	99 N/mm
100	50	230	121 N/mm
125	60	240	117 N/mm
150	60	240	173 N/mm
200	70	275	179 N/mm
250	70	280	270 N/mm

### Material Specifications:

Convolutions: 316 Stainless Steel  
Internal Sleeves: 316 Stainless Steel  
Flanges: Carbon Steel PN16 (Other Flanges Available)

### Details:

Also available for copper and stainless steel pipe.

Designed to accept linear expansion on steel pipe systems.

Standard product details are shown above. Please contact us for full details as some details can vary dependent on the application.

The anchor loads generated by this type of Axial Compensator are high. A saddle guide with low frictional resistance should be used.