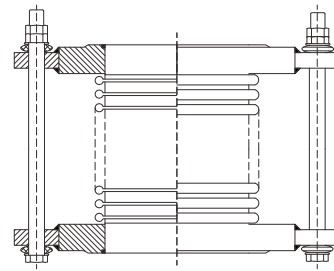


## Axial stainless steel flexible joint

Flexible joint with tie rod is to continuously restrain the full bellows pressure thrust during normal operation. It is flexible unit installed in piping system to absorb vibration and shock, reduce noise, and compensate misalignment.



- Certificate: FM Approved
- Standard: EJMA
- Connection: Flanged as ANSI B16.5 Class 150, EN 1092-1 PN16
- Temperature: Max 107° C
- W. pressure: 230 / 300 psi (As FM)
- Surface: Red / blue / green painting



### Main parts and material

<b>Bellows</b>	SS 304, annular type	<b>Tie rods</b>	Carbon steel, with nut, gasket and washer
<b>Flanges</b>	Carbon steel, or SS	<b>Tube ends</b>	Carbon steel, or SS

### Available size (Source 1 with WP 230psi)

Size		Total length (mm)	Axial movement (mm)	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1-1/2"	40	350	+10, -40	Class 150 / PN16	230	U2401
2"	50	350	+10, -40	Class 150 / PN16	230	U2402
2-1/2"	65	350	+10, -40	Class 150 / PN16	230	U2403
3"	80	350	+10, -40	Class 150 / PN16	230	U2404
4"	100	350	+10, -40	Class 150 / PN16	230	U2405
5"	125	350	+10, -40	Class 150 / PN16	230	U2406
6"	150	350	+10, -40	Class 150 / PN16	230	U2407
8"	200	350	+10, -40	Class 150 / PN16	230	U2408
10"	250	350	+10, -40	Class 150 / PN16	230	U2409
12"	300	350	+10, -40	Class 150 / PN16	230	U2410
14"	350	400	+10, -40	Class 150 / PN16	230	U2411

**Note:**

1. For total length, it is available with 300mm, 400mm, 500mm, etc.
2. For flanged connection, it is available with ANSI B16.1 Class 125 / 250, B16.42 Class 150 / 300, EN 1092-2 PN10 / PN16 / PN25, etc.

# Axial stainless steel flexible joint

Available size (Source 2 with WP 300psi)

Size		Total length (mm)	Axial movement (mm)	Connection	Working pressure (psi)	Ref. No.
Inch	DN					
1-1/4"	32	200	+5, -25	Class 150 / PN16	300	U2421
1-1/2"	40	250	+5, -30	Class 150 / PN16	300	U2422
2"	50	300	+5, -35	Class 150 / PN16	300	U2423
2-1/2"	65	300	+5, -35	Class 150 / PN16	300	U2424
3"	80	300	+10, -40	Class 150 / PN16	300	U2425
4"	100	300	+10, -40	Class 150 / PN16	300	U2426
5"	125	300	+10, -45	Class 150 / PN16	300	U2427
6"	150	350	+10, -50	Class 150 / PN16	300	U2428
8"	200	350	+10, -50	Class 150 / PN16	300	U2429
10"	250	400	+10, -55	Class 150 / PN16	300	U2430
12"	300	400	+10, -55	Class 150 / PN16	300	U2431
14"	350	400	+10, -60	Class 150 / PN16	300	U2432
16"	400	400	+10, -60	Class 150 / PN16	300	U2433