

Single Tied Expansion Joint (TEJ)

Expansion Joint - TEJ

Part No.: TEJ

Construction: Convoluted

Material: 304, 321, 316, Incoloy, Inconel, Nickel, Hastelloy

Profile: Medium Flexibility / High Pressure

Liner: Optional

Size Available: 2" - 24"

(Larger sizes upon Request)

Temperature: -196°C +900°C

	Low	Med	High
Flexibility	☐	☒	☐
Cycle Life	☐	☐	☒
Pressure Rating	☐	☐	☒
Chemical Resistance	☐	☐	☒
Wall Thickness	☐	☐	☒

Construction

Use:

Used for absorbing pump vibration, lateral movement and minor pipeline misalignment. Anchors required to absorb spring rate forces only. Pressure thrust is restrained by the tie rods.



Specifications

Part Number	Nom	Length		Max. Working Pressure	Movements		Spring Rate
	Bore	Flanged	Weld Ends		± Lateral	Total Lateral	
	(mm)	(mm)	(mm)		(mm)	(mm)	
50 TEJ-240	50	145	218	240	12	24	12
50 TEJ-700	50	145	218	700	8	15	88
50 TEJ-1400	50	145	218	1400	7	13	88
65 TEJ-240	65	180	234	240	12	24	23
65 TEJ-700	65	180	234	700	11	21	70
65 TEJ-1400	65	180	234	1400	7	14	126
80 TEJ-240	80	180	240	240	13	25	18
80 TEJ-700	80	180	240	700	13	25	54
80 TEJ-1400	80	180	240	1400	8	16	198
100 TEJ-240	100	190	278	240	12	25	86
100 TEJ-700	100	190	278	700	10	20	152
100 TEJ-1400	100	190	278	1400	7	14	309
125 TEJ-240	125	215	313	240	13	26	111
125 TEJ-700	125	215	313	700	10	20	195
125 TEJ-1400	125	215	313	1400	7	14	381
150 TEJ-240	150	215	338	240	15	30	131
150 TEJ-700	150	215	338	700	9	18	228
150 TEJ-1400	150	215	338	1400	6	11	1048
200 TEJ-240	200	225	330	240	16	32	150
200 TEJ-700	200	225	330	700	9	18	562
200 TEJ-1400	200	225	330	1400	6	12	2897
250 TEJ-240	250	245	341	240	17	34	196
250 TEJ-700	250	245	341	700	10	19	855

Additional sizes available. Visit www.hoseflex.com for our complete range