

HTI

Axial Expansion Joint

Standard model stainless steel axial expansion joint composed of single- or multi-ply unrestrained bellow, for mounting with internal threads up the pipeline.

Available with optional inner sleeve for bellow's protection and improved stability. Couplings can be made out of various carbon-steel or stainless steel grades.

For detailed technical specifications on HTI axial expansion joints please check the following table and documents or [contact us](#).



Note | Type HTI - Axial Expansion Joint | 3D view

▶ Features

- ✔ stainless steel bellow
- ✔ axial movement compensation
- ✔ optional inner sleeve
- ✔ internal threads
- ✔ standard program available

▶ Technical Specifications

Type	Axial Stainless Steel
Series	HTI
Couplings	threads (internal)
Size/Range	DN15-DN100
Pressure	PN16
Axial	yes
Lateral	yes
Angular	yes

* other sizes may be available on individual request

▶ Standard Program

Nominal Diameter [mm]	Movements			Spring Rate [N/mm]	Overall Length [mm]
	Axial [+/-mm]	Lateral [+/-mm]	Angular [+/-deg]		
15	12	5	30	29	170
20	12	5	30	29	170
25	15	8	30	65	170
32	15	12	30	60	185
40	15	12	30	72	200
50	23	11	25	82	225
65	23	11	25	72	260
80	23	10	20	91	275
100	23	10	20	79	310

* overall length can be adjusted on individual request.