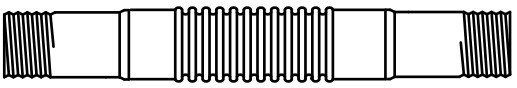
AXIAL EXPANSION JOINTS
Model EJATN



EJATN (Threaded BS21 / ISO7)

APPLICATIONS

Axial expansion joints are designed to accommodate thermal pipe expansion in an axial direction.

These models have stainless steel to ALL wetted parts and can be used accordingly on steel, stainless steel or copper threaded pipe systems for the following applications:-

Low Temperature Heating (LTHW)
Medium Temp. Heating (MTHW)
Low Pressure Steam and Condensate
Solar Heating Systems

Where required, these models are in accordance with WRAS, for the following applications:-

Potable Water Service (Drinking)
Cold Water Service (CWS)
Hot Water Service (HWS)

WRAS APPROVED PRODUCT

Nominal Size DN (mm)	Installation Length (mm)	Axial Compression (mm)	Effective Area (cm^2)	Spring Rate AX (N/mm)	Product Code (MODEL-SIZE-OAL-MVT-ENDS)
15	200	25	5	34	EJATN(E)-015-200-25-BSPT
20	200	25	8	35	EJATN(E)-020-200-25-BSPT
25	200	25	11	36	EJATN(E)-025-200-25-BSPT
32	210	25	18	38	EJATN(E)-032-210-25-BSPT
40	220	25	22	40	EJATN(E)-040-220-25-BSPT
50	250	25	37	76	EJATN(E)-050-250-25-BSPT
65	240	25			EJATN(E)-065-240-25-BSPT
80	250	25			EJATN(E)-080-250-25-BSPT
15	330	50	5	17	EJATN(E)-015-330-50-BSPT
20	330	50	8	17	EJATN(E)-020-330-50-BSPT
25	330	50	11	18	EJATN(E)-025-330-50-BSPT
32	340	50	18	19	EJATN(E)-032-340-50-BSPT
40	340	50	22	20	EJATN(E)-040-340-50-BSPT
50	370	50	37	38	EJATN(E)-050-370-50-BSPT

The data above is typical for SEP applications.
For more demanding applications, the length, movement, effective area and spring rate will be dependant upon the design for the pressure and temperature of the fluid conveyed.

SPECIFICATION

EJATN - Threaded model with stainless steel bellows, internal flow sleeve and stainless steel end fittings threaded to BS21 / ISO7.

EJATNE - As above but complete with external protective shroud.

EJATN(E) when suffixed "(WRAS)" indicates accordance with WRAS*, approval number 0705086. *Water Regulations Advisory Scheme.

EJATN(E) when suffixed "(SOLAR)" indicates accordance with SOLAR systems.

Designed to EJMA* Standards. *Expansion Joint Manufacturers Association.

BS6129 Part 1 applies to the installation.

Conforms with PED* 97/23/EC. *Pressure Equipment Directive.

OPERATING PARAMETERS

EJATN(E) - Threaded model to BS21 / ISO7

Working Temperature	= 120 ºC.
Working Pressure	= 10 Barg.
Cold Test Pressure	= 15 Barg.

WRAS Approved model - Max. Working Temperature = 90 ºC.

SOLAR Systems model - Max. Working Temperature = 180 ºC.

Reduce the working pressure at elevated working temperatures.

Also available with precision stainless steel tube ends for use with press-fit systems such as Gerberit Mapress ®, Yorkshire XPress ®, Comap Sudopress ®.