



Quick-Steel Ltd.

Manufacturers and Suppliers of Rubber and Steel Expansion Joints

Data Sheet - Type ABS

Screwed Axial Expansion Joint - Type ABS



The ABS range of small bore screwed axial expansion joints are specifically designed to absorb the thermal expansion that occurs in straight pipe lines.

Constructed from 316 s/stl bellows core, with 316 s/stl BSPT male end connections & 316 s/stl internal flow sleeve.

Each ABS is supplied factory set to allow for the full movement in compression eliminating the need for cold pull on site.

As an alternative to our standard construction the ABS can also be custom made to suit each

customer's individual requirements including different lengths & movements etc. Please contact our sales team for more information.

Standard construction

- Membrane: 316 stainless steel
- Inner: 316 stainless steel flow sleeves
- Ends: 316 stainless steel BSPT males

Working conditions

- Design temperature: 82°C
- Design pressure: 10 bar

Codes	Nominal Bore		Overall Length	Axial Movement (Compression)
	"	mm		
ABS015	½"	15	182	25
ABS020	¾"	20	182	25
ABS025	1"	25	185	30
ABS032	1 ¼"	32	200	30
ABS040	1 ½"	40	215	30
ABS050	2"	50	247	30
ABS065	2 ½"	65	283	50

Screwed Axial Expansion Joints must be securely anchored & adequately guided to ensure their correct performance. Omitting anchors & guides may result in failure of the system. All Quick-Steel Ltd products should be installed in accordance with our fitting instructions.

1



Data Sheets – Type ABS