

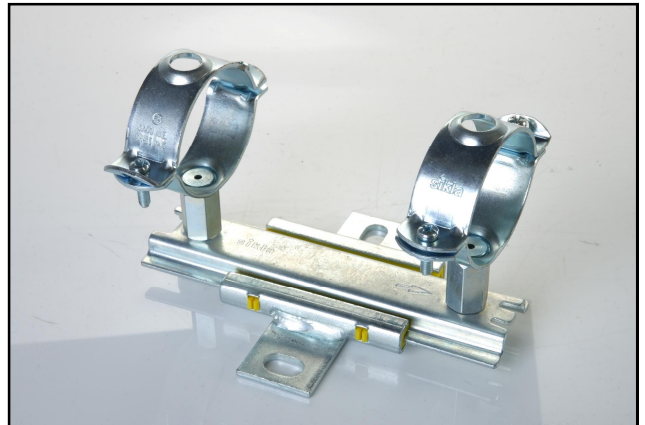


Type JP150 Expansion Joint Guides

Specification Electro-galvanised carbon steel low friction expansion joint slide guide assembly. Connections - Multiple connection options from M10 to 1+









Application Stourflex Expansion Joint Guides are designed to accommodate movement in pipework and associated equipment the guide also prevents buckling or squirring due to the forces created when expansion joints are used. Stourflex slide guides are designed for ceiling, wall or floor mounting and are fixed to the building structure with M10, M12 anchors.

Design Primarily Stourflex JP150 Expansion Joint Guides are designed to be utilised in conjunction with Stourflex expansion joints, however they may also be used along the rest of the pipe run. This is because a pipeline suspended on hangers, drop rods or gripple is free to swing and cannot be considered guided. A further benefit of utilising JP150 Expansion Joint Guides over the whole run is significantly reduced anchor forces (when compared to traditional supports) due to the low friction coefficient of the slide.



All JP150 Expansion Joint Guides are available with the following finishes:

Range	Finishes	Friction Coefficient	Maximum Operating Temperature
Standard	Polyamide, glass fibre reinforced	0.18μ	110°C
ULTRAGlide	As Per Standard With Additional Nano Coating	0.07μ	110°C
High Temperature	Silicone Lining	0.18μ	250°C
External Location	High Corrosion Protection Plating	0.18μ	110°C

Part number	Dimensions		Movement (mm)	Pipework Ø mm	Maximum Loads			Style
	Width (mm)	Length (mm)			Ceiling (kN)	Floor (kN)	Wall (Nm)	
JP150-2GSP	67	130	85	15 - 65	0.6	1.2	110	
JP150-2GSB	135	130	85	15 - 65	0.6	1.2	110	
JP150-2GDP	67	200	140	15 - 65	0.6	1.2	110	
JP150-2GDB	135	200	140	15 - 65	0.6	1.2	110	
JP150-3GSP	102	150	100	80 - 300	5	9	350	
JP150-3GSB	188	150	100	80 - 300	5	9	350	
JP150-3GDP	102	275	135	80 - 300	5	9	350	
JP150-3GDB	188	275	135	80 - 300	5	9	350	

JP150 Slide Guide Suffix: SP - Single Plain
 SB - Single With Bracket
 DP - Double Plain
 DB - Double With Bracket

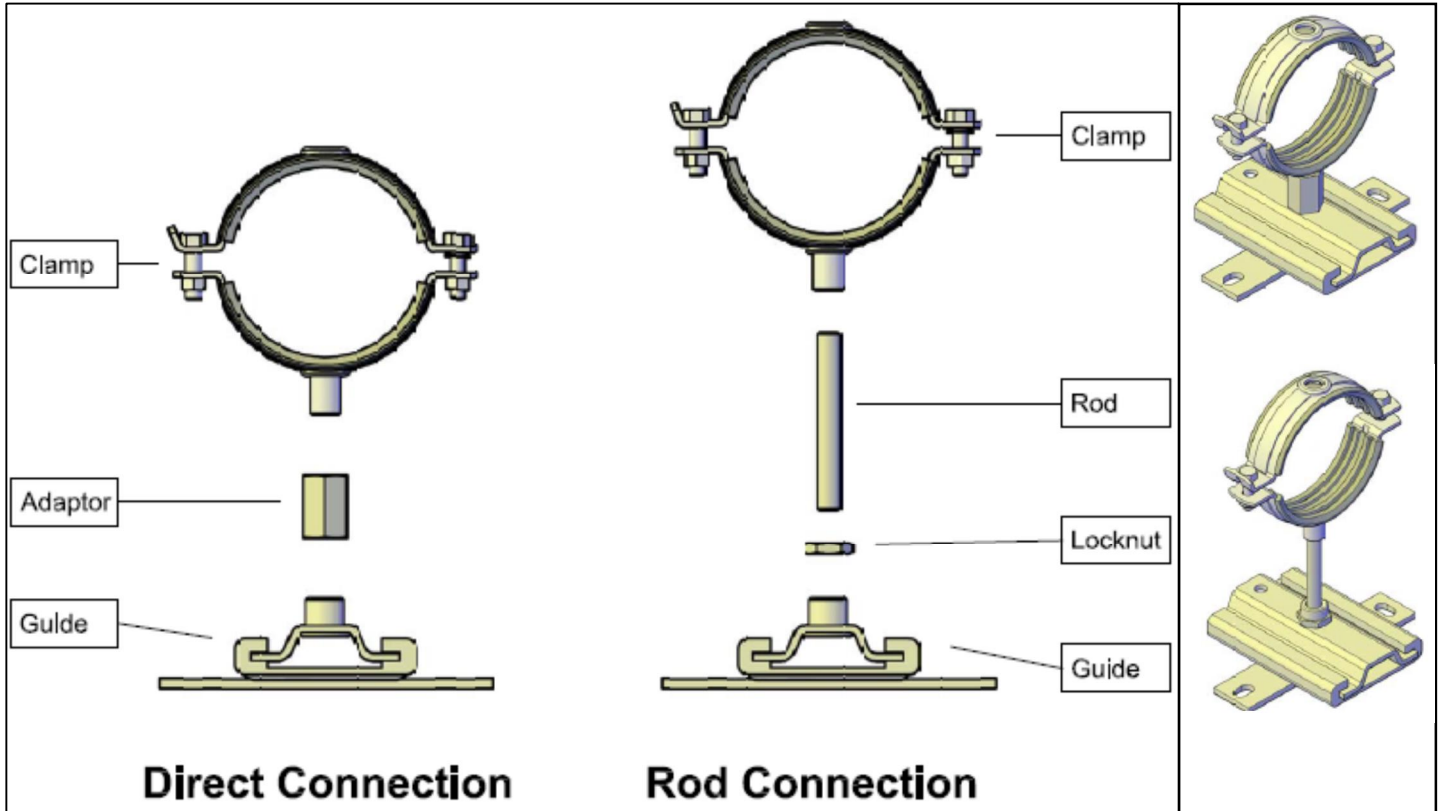
Complete range of pipe clamps are available to suit ABS, PVC, CPVC, Copper, Stainless Steel and Carbon Steel Pipework

Pipework containing expansion joints must be securely anchored and adequately guided to ensure the correct performance of the system. Omitting anchors and guides may result in failure of the system.

Stourflex expansion joint guides should be installed in accordance with our fitting instructions.



Installation, Operation and Maintenance Instructions for Expansion Joint Guides



Maximum Rod Length

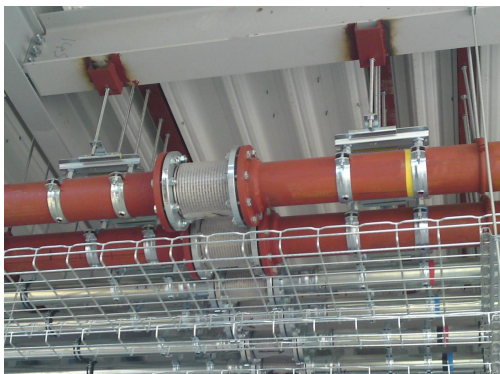
When threaded rod is used the rod length should not exceed 150mm to ensure its maximum performance and to prevent bending moments being applied.

108mm & Above

Guides over 108mm should either use a direct connection or use the supplied locknut to lock off the ½+ BSP thread on the slide element.

Guiding Advice

Stourflex JP150 Expansion Joint Guides should not be used as part of a long drop from the slab or channel (see maximum rod length above), frames should be utilised to reduce the rod length and not long pieces of rod between the slide and the clips, the long thread introduces bending moments into the installation which may cause the slide to lock up instead of sliding smoothly. These frames can be supplied by Stourflex, please contact us for further information.



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