

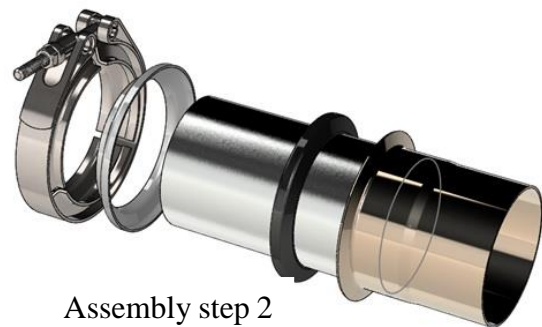


The Teconnex Slip Joint

The Teconnex 'Slip Joint' has been developed for solving technically challenging problems in High Temperature Exhaust Gas areas. Designed for infinite axial compensation with zero leakage – offering an element of radial compensation due to the nature of the Soft Gasket Sealing - this Joint reduces stress of mating components by eliminating the problem of tolerance stack.



Assembly step 1



Assembly step 2

Summary of Technical Features

- Full Stainless Construction (300 & 400 series).
- Hardware Designed for maximum performance.
- Engineered T-Bolt design capable of increased load.
- Wire Knit High performance Graphite Gasket.
- Silver Plated 'Locking Nut' Technology.
- Maximised Gasket compression.



Assembly step 3

Gasket Technology

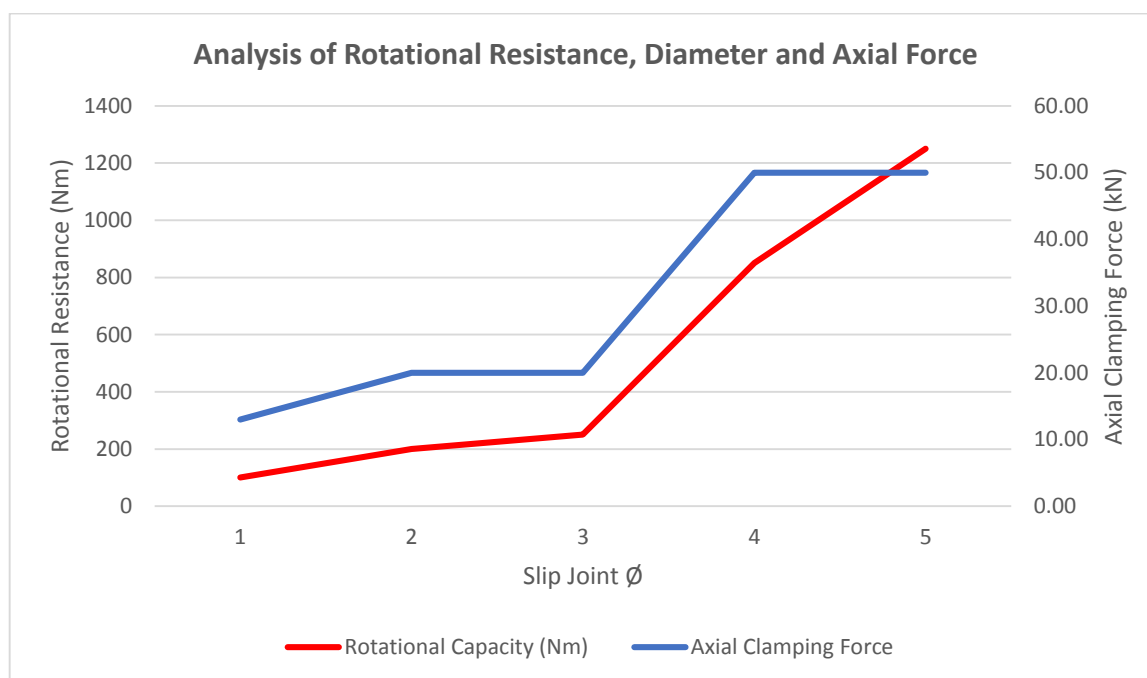
- Proven Gasket Technology EPA 2010, EURO VI
- 98% Carbon
- Sulphur 500ppm Max
- Ash (Quartz (SiO₂) 2% (max)
- Tensile Strength 500
- Density 1.12g/cm³
- Stainless Steel Mesh – 1.4404 (316)



Assembly step 4

Technical Features

- Increased Bolt stress capabilities – Installation up to 14Nm.
- High Performing Clamp 'V' section for optimum Clamping load.
- 30% Increased Clamp Strength utilising Top Hat style 'V' Profile.
- Anti-Vibration Locking Nut – With High Temperature Lubrication (Ag).
- High Temperature Graphite Gasket with Impregnated Wire mesh 1.4404.
- Clamping of tube and sealing with Gasket compression.
- Compensation for Plain Tube Tolerances +0 /-1mm
- High Exhaust Pressure function.
- Retained Gasket applies pressure to Plain Pipe only.



Applications

The Teconnex Slip Joint is used in many size ranges for many different Applications. Standard exhaust Sizes are typically used in volume applications. The construction and design principle is independent of Diameter. The same Materials for Clamping & Sealing Technology are used throughout the Range:

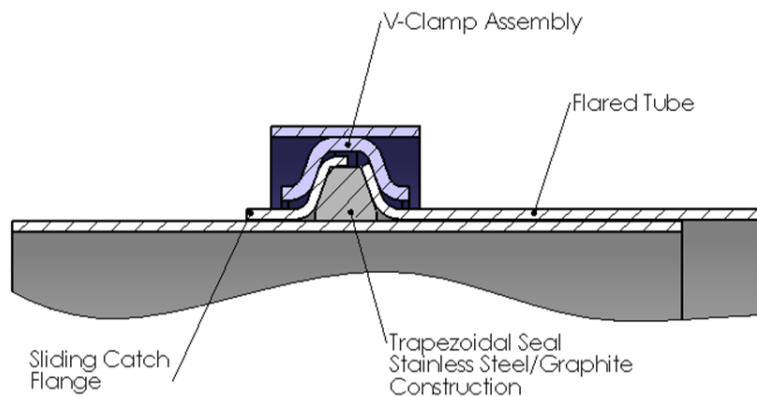
Smaller Diameters (1" to 2") used typically in Motorbike or EGR applications.

Medium Diameters (2" to 6") used in Off Highway / Commercial Vehicle applications. For DOC / DPF / SCR and inter connecting pipe work assembly.

Large Diameters (7" to 14") used in DOC/ DPF/ SCR can assemblies.

Our engineers are happy to help you review your specific application and determine the perfect Slip Joint configuration to suit your needs.

Standard Available Sizes					
Pipe Diameter		Clamp Diameter (mm)	Gasket I/D (mm)		
In mm	In inch				
35.0	1.40	46	35.40		
38.0	1.50	58	38.60		
45.0	1.77	58	44.50		
63.5	2.50	84	63.80		
70.0	2.75	83	70.80		
76.2	3.00	99	76.90		
101.6	4.00	128	102.00		
114.0	4.50	144	114.80		
119.5	4.70	148	121.10		
127.0	5.00	157	127.75		
152.4	6.00	181	152.80		
156.2	6.10	186	157.00		
239.9	9.40	269	241.30		
277.2	10.90	305	277.60		
349.2	13.75	378	349.70		





How to move forward

Our Sales Department will be pleased to quote for any specification or application. If you require assistance our Technical Department with its long experience of clamp design will also gladly be of help in advising you on applications and design of bespoke clamps. When making enquiries for a Slip Joint the following information will be useful:

- Flange dimensions
- Fastening style
- Adjustment requirements
- Material
- Application
- Space constraints
- Pressure
- Temperature

Alternatively, you can find a specific Application Data Sheet in the download-section of our [website](#).

You can contact Teconnex Ltd personally with the following details:

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