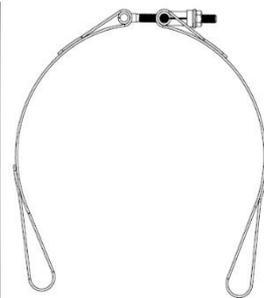
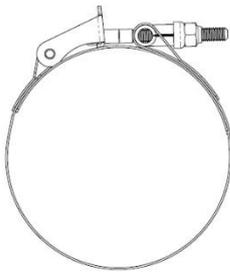
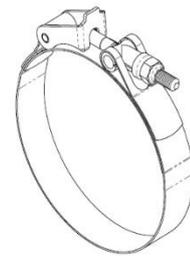


Teconnex

The Teconnex Band Clamp



Description

Teconnex Band Clamps are constructed as a flat strap, or a round band with a closure mechanism. They offer clamping solutions for a variety of hose sealing and retaining applications. At Teconnex we are able to offer you and your company an extensive range of styles and sizes designed to suit individual applications and environments. Standard Band Clamps are made of dressed edge strip which alleviates fretting problems when used in hose applications – bevel edge clamps are also available.

If you require a jointing solution that is capable of handling high pressure loads Teconnex can

provide you with our patented High Pressure Band Clamps which feature an outer round band with an internal profiled sealing ring. Additionally, Teconnex provides Tank Straps designed and manufactured to suit specific applications, which means that we can provide ultimate flexibility of design and configuration to offer you just what you need.

Teconnex products are designed to operate safely under conditions of stress including pressure, vibration, corrosion and temperature variation. With the capability of withstanding high tightening torques both standard and heavy duty clamps are available.

Possible applications for our products include EGR mounting, DPF mounting, fuel tank straps, Urea/Ad Blue/DEF tank straps, clamping flexible hoses to solid pipes, strapping together groups of pipe work and connecting sections of an exhaust system.

Our band clamps and tank straps are used within diverse markets including Aerospace, Automotive, Ducting/Air Conditioning, Materials Handling and many more. To meet the demands of these markets, Teconnex clamps are made from traceable material stocks.



Technical Specifications

- Available sizes are between 25mm and 3.000mm diameter/length with other options available on request.
- Able to withstand temperatures of up to 900 degrees Celsius
- Pressure rating specific to application (High Pressure Applications available)
- Wide array of available materials from Stainless Steel of the 300 (304, 316) & 400 (409, 441) series to Inconel (A286, 625, 718) or Aircraft Grade Aluminium
- Teconnex offers a wide array of range options, some of which are:
 - Standard range options:

Strap Thickness: 0.6mm
Strap Width: 19mm

Strap Thickness: 1.22mm
Strap Width: 19mm

- Heavy duty range options:

Strap Thickness: 1.6mm
Strap Width: 22mm

Strap Thickness: 1.6mm
Strap Width: 25mm

Strap Thickness: 1.6mm
Strap Width: 32mm



Custom/Bespoke options are available upon request

- We offer both straight and cranked (for even further space reduction) bolting in the following standard sizes, with more options available on request. Our bolting solutions are provided in various materials including Austenitic, Martensitic and plated carbon steels. Of course we also supply a variety of nuts to suit your specific application.

Metric (mm)	Imperial (UNF)	Rec. max. Torque
6	1/4	10Nm
8	5/16	20Nm
10	3/8	27Nm
12	1/2	42Nm

- Teconnex offers over 50 different closure mechanisms to cover every spectrum of application requirements and design/manufacturing constraints. We can also provide clamps with multiple closure mechanisms.

Teconnex

Below you can see some of the most commonly used closure mechanisms as well as a clamp with multiple closure mechanisms.



B1A STYLE
Formed Tongue



B3A STYLE
Quick Coupler



B1D STYLE
Toggle Lever



Uni- or Bidirectional Clamp with
multiple closure mechanisms.

What to do next

Our Sales Department will be pleased to quote for any specification or application you and your company need. If you require assistance our Technical Department with its long experience of clamp design will be only too happy to advise you on applications and design.

When making enquiries for a band clamp the following information will be useful:

- Nominal Clamp Diameter
- Fastening Style
- Adjustment requirements
- Material
- Application

Alternatively you are able to find a Specification Sheet in the download section of our [website](#) which will help our engineers.

Otherwise we can be contacted with the following information:

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