



Call our Expert Sales Team for more information.

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Versatile Modular Frameworks, High-Strength Structural Safety!

Our Tube Clamp Systems deliver dependable physical protection and adaptable structural framework, designed to integrate with industrial walkways, commercial car parks, and designated public safety zones.

Constructed from galvanised steel, these modular fittings offer a resilient, cost-effective alternative to welded fabrication that requires no specialist tools—locking securely with a single Hex Key. They serve as a vital physical barrier to control site access, secure perimeter edges, and prevent falls across high-exposure industrial, agricultural, and commercial environments.

Available in versatile **Size 7** (42.4mm) and **Size 8** (48.3mm) formats, these modular tube clamps feature pre-engineered connection points for rapid ground, wall, and upright installation.

Key Features

- ⊙ **Simple Hex Key Assembly**
(Installs quickly and securely using a standard Allen key)
- ⊙ **Corrosion-Resistant Galvanised Steel**
(Built to withstand harsh weather, providing long-lasting durability)
- ⊙ **Modular Design**
(Reusable components can be easily adjusted, expanded or disassembled)
- ⊙ **Multiple Duty Ratings (Size 7 & Size 8)**
(Available in 42.4mm (medium duty) and 48.3mm (heavy duty))
- ⊙ **Versatile Application Range**
(Ideal for handrails, safety barriers, storage racking and agricultural enclosures)

Suitable For

- ⊙ Handrails & Accessibility Ramps
- ⊙ Industrial Safety Barriers
- ⊙ Access Control & Safety Gates
- ⊙ Retail, Storage & Agricultural Frameworks
- ⊙ Recreational & Public Facilities



Images for illustration purposes only

Tube Clamp Products Available from First Fence

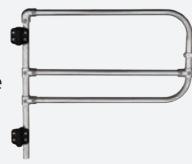
Steel Tubes

Made from durable, rust-resistant galvanised steel, key clamp tubes are the robust backbone for handrails, guardrails and perimeter barriers. Available in Size 7 (42.4mm) and Size 8 (48.3mm) in standard 3.0m lengths.



Tube Clamp Gates

Work with steel tube handrails. Available as a Size 7 and Size 8 format, with a spring-loaded hinge for self-closing. Full and half-height gates are available.



Size 7 Fittings

Designed to connect and reinforce Size 7 tubes.

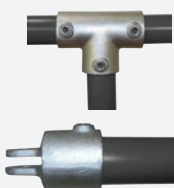
Options include Tees, Elbows, Crosses and Swivel Fixings.



Size 8 Fittings

Designed to connect and reinforce Size 8 tubes.

Options include Tees, Elbows, Crosses and Swivel Fixings.



Armco & Tube Clamp Posts

760mm bolt-down RSJ Post with a Size 7 or Size 8 tube clamp extension for simplified installation.

Can be installed flat against walls or surfaces.



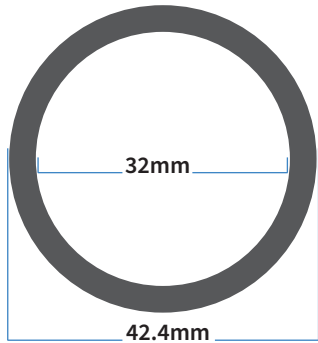
Tube Clamp is also known as 'Pipe Clamp' and 'Key Clamp'

One of the main benefits of Tube Clamp is the simplicity of installation; you only need a Hex/Allen Key to make a strong and reliable joint!



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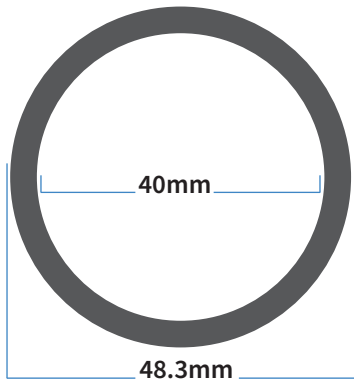
Understanding Size 7 and Size 8 Tube



Size 7 Tube (42.4mm Outside Diameter): The industry standard for medium-duty applications.

Offering an ideal balance of structural strength and visual proportion, Size 7 is widely specified for pedestrian handrails, disability access ramps, commercial fencing, and light safety barriers.

Its 42.4mm outer diameter provides an optimal, ergonomic grip size for continuous handrail compliance.



Size 8 Tube (48.3mm Outside Diameter): Engineered for high-load and heavy-duty structural environments.

Sharing the same outer diameter as standard scaffolding tube, Size 8 delivers maximum resistance to impact, flexing, and axial loads.

It is the primary choice for heavy industrial guardrails, warehouse perimeter protection, vehicle crash barriers, and high-traffic public access routes.

Core Fixing Mechanism

Grub Screws (Set Screws): Hex-head or socket screws tightened with an Allen Key to bite into the tube.

No Welding Needed: Creates a high-strength joint that can support heavy axial loads and be easily disassembled.

Standard Sizing: Common outer diameter sizes range from Size A (26.9mm) up to Size E (60.3mm) for heavy frames (First Fence stocks Size 7 and Size 8).

Common Types of Key Clamp Fittings

Tees (Short & Long): Connects a horizontal tube to a vertical upright (e.g., Long Tee Components for guardrails).

Elbows (90° & Variable): Creates crisp right-angle corners or angled turns for handrails and frames.

Crosses & Crossovers: Allows perpendicular intersections or joins tubes of differing diameters passing each other.

Swivel Sockets: Adjustable multi-part hinges that let you join tubes at non-standard or sloping angles.

Take a look at our full range:

[CLICK HERE](#)



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