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WELDIT KEY CLAMP RANGE

Our range of Key Clamp fittings offers a simple, cost-effective way to build strong, modular tube structures without welding. Using a secure grub screw system, these galvanised fittings allow for quick assembly and reliable connections across a wide range of applications.

At Weldit, we stock a full selection of Key Clamp components, including tee connectors, elbows, crosses, flanges, swivels and handrail brackets, along with compatible mild steel tube and end caps. Ideal for handrails, safety barriers, shelving and custom frameworks.

101B TEE CONNECTOR / SHORT

90° short tee fitting for connecting two tubes, typically used on straight, level guardrails to join a vertical post to a top, mid or end rail. Not suitable for through-tube connections at the top—use the KC104B long tee instead.

SPECIFICATIONS

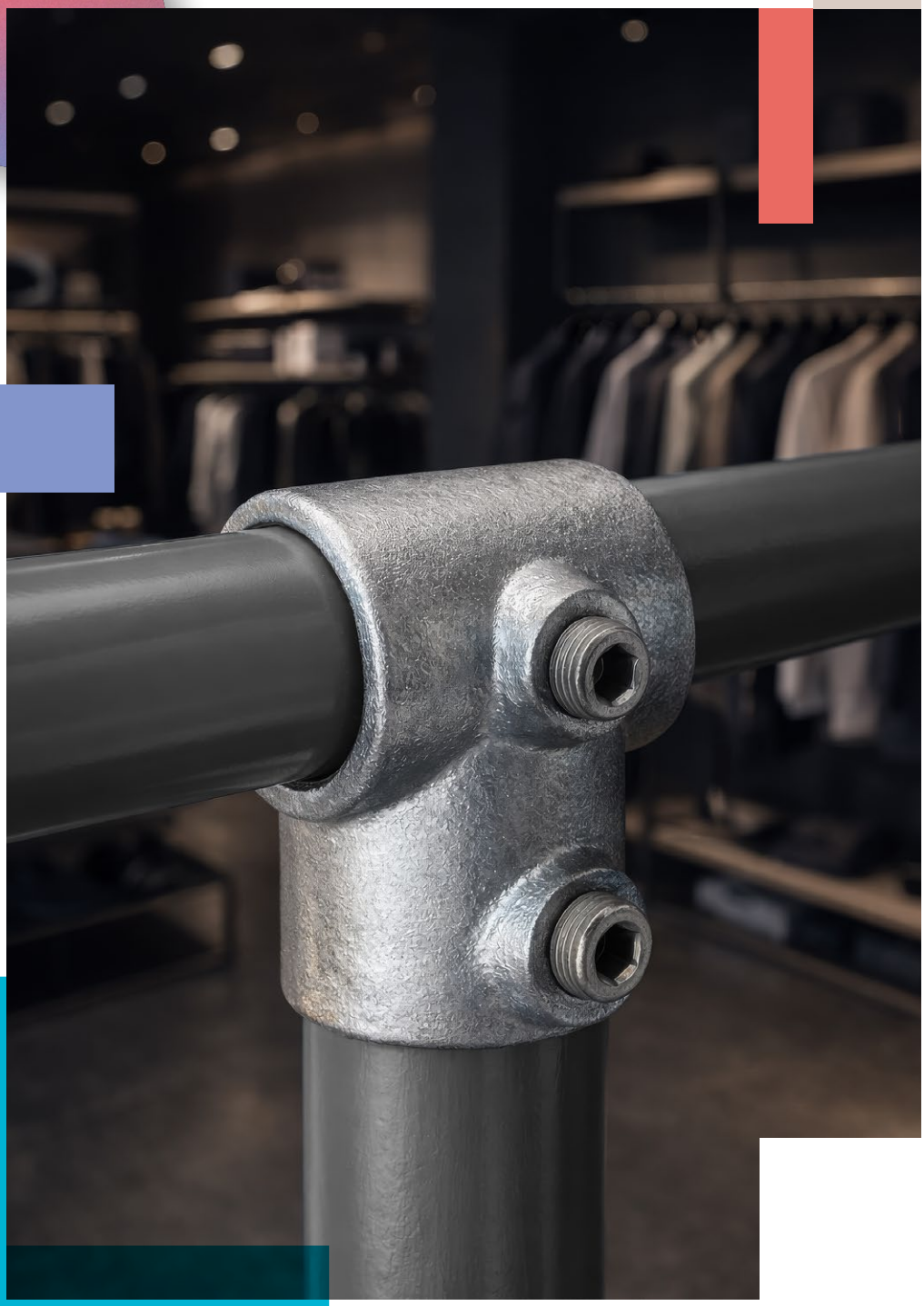
Weight: 0.31kg
Length: 48.0mm
Width: 49.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-TCS
Barcode: 5061063311859

104B TEE CONNECTOR / LONG

90° long tee fitting for connecting two tubes, typically used on straight, level guardrails to join a vertical post to the top rail. Also suitable for through-tube connections at the top of the fitting.

SPECIFICATIONS

Weight: 0.5kg
Length: 96.0mm
Width: 48.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-TCL
Barcode: 5061063311866



116B ELBOW CONNECTOR / 90° (3 WAY)

90° corner joint with the vertical tube passing through the fitting. Typically used on straight, level guardrails to connect mid or lower rails to a vertical post at a corner. Also suitable for similar connections in rectangular structures.

SPECIFICATIONS

Weight: 0.4kg
Length: 48.0mm
Width: 48.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-90-3WAY
Barcode: 5061063311705

119B 2 SOCKET CROSS CONNECTOR WITH THROUGH CENTRE TUBE

90° joint connecting a vertical tube with two horizontal rails. Typically used on straight, level guardrails to join mid or lower rails to a vertical post. the vertical remains continuous, with the horizontal rails cut to suit.

SPECIFICATIONS

Weight: 0.43kg
Length: 48.0mm
Width: 49.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-2SCC
Barcode: 5061063311835

124B ELBOW CONNECTOR / ADJUSTABLE 15-60°

Variable angle elbow connector (15°–60°) used to join two rails without bending the tube. Also suitable for use at the base of slopes or stair guardrails to connect the top rail to a vertical post.

SPECIFICATIONS

Weight: 0.37kg
Length: 31.0mm
Width: 31.0mm
Material: Malleable Iron
Material Finish: Galvanised

To Suit Tube: 33.7mm
Product Code: KCS-33.7-60-EC
Barcode: 5061063311750

125B ELBOW CONNECTOR / 90°

90° elbow fitting for connecting two tubes, typically used on straight, level guardrails to join a vertical post to the top rail. Commonly used with the KC101B when building a two-rail guardrail system or forming a 90° tube bend.

SPECIFICATIONS

Weight: 0.37kg
Length: 48.0mm
Width: 48.0mm
Material: Malleable Iron
Material Finish: Galvanised

To Suit Tube: 33.7mm
Product Code: KCS-33.7-90-EC
Barcode: 5061063311736

128B CORNER CONNECTOR WITH THROUGH CENTRE TUBE

Three-way enclosed 90° corner joint, typically used on straight, level guardrails to connect top rails to a vertical post at a corner. Also suitable for creating enclosed corner joints in rectangular structures.

SPECIFICATIONS

Weight: 0.51kg
Length: 48.0mm
Width: 48.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-CC
Barcode: 5061063311774

129B TEE CONNECTOR / ADJUSTABLE 30-60°

Adjustable tee (30°–60°) used to connect a vertical post to the top rail on sloping or staircase systems. Does not allow through-tube connections within the fitting.

SPECIFICATIONS

Weight: 0.38kg
Length: 66.0mm
Width: 32.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-30-TC
Barcode: 5061063311811

131B HANDRAIL BRACKET

Designed as a flange for terminating rails to walls or similar structures. Can be used as a base flange for non-load-bearing applications. Not recommended for use as a base plate or in load-bearing applications.

SPECIFICATIONS

Weight: 0.41kg
Length: 84.0mm
Width: 64.0mm
Depth: 48.0mm
Material: Malleable Iron

Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-HB
Barcode: 5061063311743

132B RAILING BASE FLANGE

Structural base plate designed for supporting vertical posts. When used as a base plate for guardrail systems, position with fixing holes at 90° to the rail line to maximise stability.

SPECIFICATIONS

Weight: 0.7kg
Length: 126.0mm
Width: 65.0mm
Depth: 75.0mm
Material: Malleable Iron

Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-RBF
Barcode: 5061063311767

143B WALL FLANGE

Wall mounting bracket for handrails, also suitable for tying structures back to walls or mounting panels. Not recommended for use as a standalone base in guardrail systems or for load-bearing applications.

SPECIFICATIONS

Weight: 0.4kg
Length: 84.0mm
Width: 80.0mm
Depth: 44.0mm
Material: Malleable Iron

Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-WF
Barcode: 5061063311804

146B SIDE PALM FIXING

Flush side palm base fixing for securing level or sloping guardrails to walls, steps, or ramps. The flush design allows uprights to sit tight to the structure. Tube cannot pass through the fitting unless reamed out.

SPECIFICATIONS

Weight: 0.64kg
Length: 79.0mm
Width: 71.0mm
Depth: 60.0mm
Material: Malleable Iron

Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-SPF
Barcode: 5061063311828

167B COMBINATION CONNECTOR WITH THROUGH CENTRE TUBE / DOUBLE SWIVEL

Versatile fitting with two swivel connections set at 180° to each other. Each swivel allows approximately 85° movement from the horizontal in both vertical directions. Tube cannot be joined within the fitting. Not designed to withstand lateral loads.

SPECIFICATIONS

Weight: 1.14kg
Length: 72.0mm
Width: 44.0mm
Depth: 39.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-DS
Barcode: 5061063311712

173B COMBINATION CONNECTOR WITH THROUGH CENTRE TUBE / SINGLE SWIVEL

A single swivel combination fitting with approximately 85° of swivel movement from the horizontal in both vertical directions. Does not allow tube-to-tube connections within the fitting. Not designed to withstand loads.

SPECIFICATIONS

Weight: 0.61kg
Length: 144.0mm
Width: 84.0mm
Depth: 39.0mm
Material: Malleable Iron

Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-SCC
Barcode: 5061063311781

169B SWIVEL BASE

Can be used in conjunction with a swivel fitting. Not suitable for use as a base fitting in guardrail systems and not designed to withstand lateral loads.

SPECIFICATIONS

Length: 112.0mm
Height: 98.0mm
Width: 52.0mm
Material: Malleable Iron

Material Finish: Galvanised
Product Code: KCS-33.7-SB
Barcode: 5061063311842

150B INTERNAL JOINT CONNECTOR

Internal expanding tube coupler for joining two tubes of the same diameter. suits 33.7mm tube (25mm nb) and provides a flush internal connection. Not suitable for load-bearing applications.

SPECIFICATIONS

Weight: 0.22kg
Length: 76.0mm
Width: 73.0mm
Depth: 34.0mm
Material: Malleable Iron
Material Finish: Galvanised
To Suit Tube: 33.7mm
Product Code: KCS-33.7-IJC
Barcode: 5061063311798

MILD STEEL TUBE / 1100MM / 2000MMM

Ready made post – 1100mm / 2000mm galvanised tube 33.7mm outside diameter. 3mm wall thickness.

SPECIFICATIONS

Length: 1100.0mm / 2000mm
Width: 33.7mm
Depth: 3.0mm
Material: Mild Steel
Material Finish: Galvanised
Product Code:
KCS-33.7-1000TUBE
KCS-33.7-2000TUBE
Barcode:
5061063311880
5061063311873

END CAPS / PLASTIC

Plastic end cap for sealing open tube ends. Friction fit only—use a suitable adhesive for a permanent fixing.

SPECIFICATIONS

Weight: 0.01kg
Length: 42.0mm
Width: 42.0mm
Material: Plastic
To Suit Tube: 33.7mm
Product Code: KCS-33.7-ECP
Barcode: 5061063311729

READY TO BUILD?

Explore the full Weldit Key Clamp range online, view technical specifications and find the right components for your project. From handrails and safety barriers to bespoke frameworks, we've got the fittings and tube to help you build with confidence.

GET IN TOUCH TO PLACE YOUR ORDER:

sales@welditnfs.com / 01582 727840 / **welditnfs.com**

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