

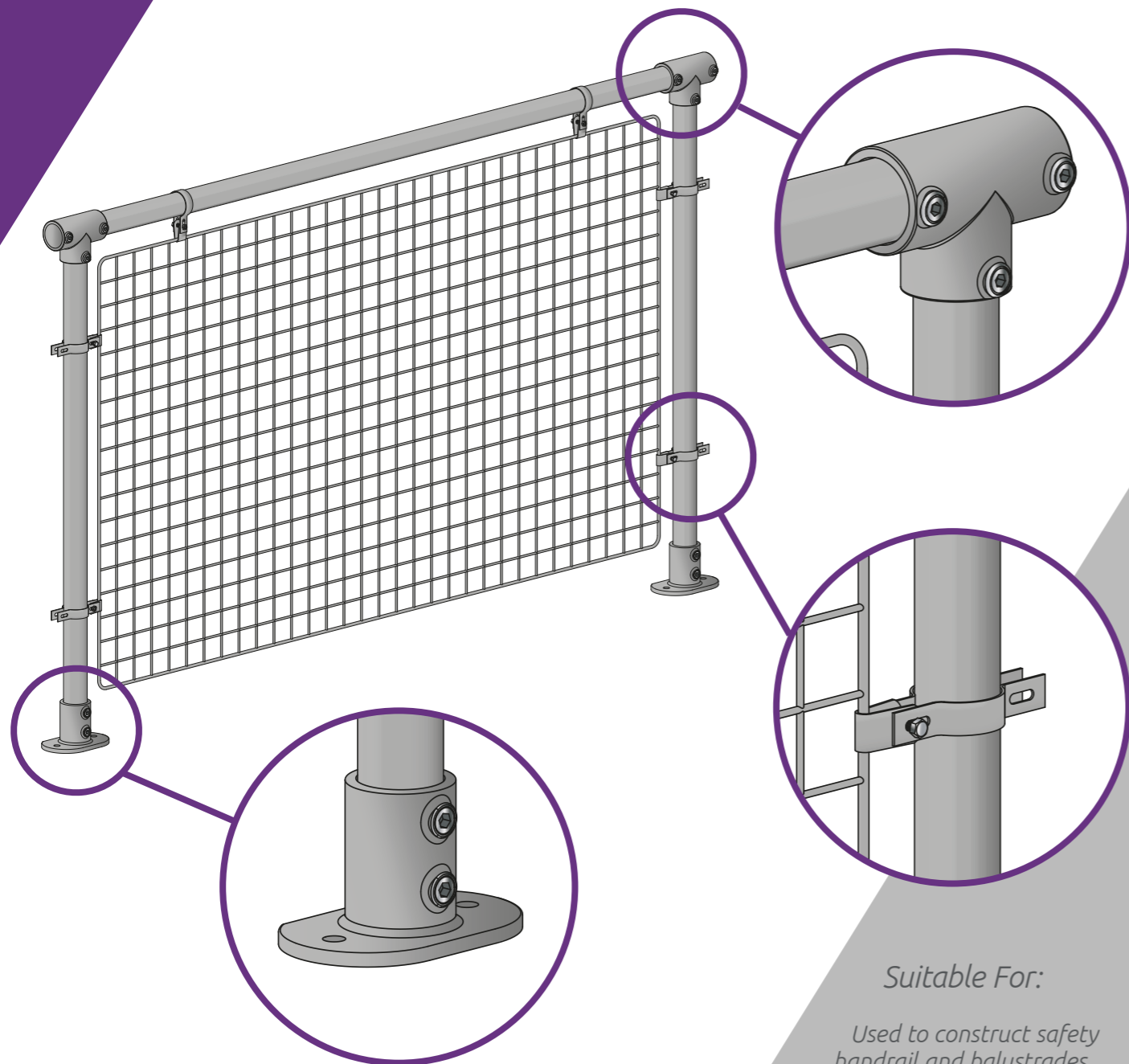
QuickClamp Handrailing System

QuickClamp – Handrailing System

QuickClamp is a versatile, multi-purpose system using malleable cast iron fittings. The flexibility of the system allows complex structures to be assembled in a quick and efficient manner. We would point out that the chosen size/ combination for any application remains completely the responsibility of the customer and any dead and imposed loads applied must be taken into consideration when designing an installation.

Product and Finish Standards

All fittings are hot dip galvanised to BS EN ISO1461 and tubing is galvanised to BS1387 providing long lasting resistance to corrosion. Powder Coat finishes to standard RAL colours are available on request.



Suitable For:

Used to construct safety handrail and balustrades, providing support, structure for canopies and carports, framework for chain-link, mesh or ball-stop fencing.

For more details on this product please visit our website:
www.alexandrasecurity.com/handrails



Tubes

Tube for all systems is available in 3.2m or 6.4m lengths (approximate size). If delivery of 6.4m length tube is required, please contact our sales office as special arrangements must be made for transportation.

Code	Size/Ref	Tube OD (mm)	Tube Length (m)
QC263.2	1	26.9	3.2
QC333.2	2	33.7	3.2
QC423.2	3	42.4	3.2
QC483.2	4	48.3	3.2
QC266.4	1	26.9	6.4
QC336.4	2	33.7	6.4
QC426.4	3	42.4	6.4
QC486.4	4	48.3	6.4



101 – Short Tee

A 90° tee connection between two tubes. To join the top-rail to an inter post or an end post to a mid-rail. This fitting is not suitable for joining two tubes together.



104 – Long Tee

A 90° tee connection between two tubes. Used to join the top-rail to an inter post. This fitting can be used to join two tubes together.



116 – Corner-Centre Tube

A 90° corner with a vertical tube passing through. Used to connect the mid-rail to a vertical on a 90° corner.



119 – Two Socket Cross

A 90° joint between the vertical tube and the horizontal. Used to connect the mid-rail to the inter posts.



125 – 90° Elbow

A 90° joint between the vertical tube and the horizontal. Used to connect the mid-rail to the inter posts.

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128 – Three Way 90° Elbow

A 90° corner with a vertical tube. Used to connect two top-rails on a 90° corner with a vertical tube.



129 – 30°-60° Adjustable Tee

A 30°-60° tee connection between two tubes. To join the top-rail at an angle of between 30°-60° to an inter post.



130 – 30°-45° Adjustable Cross

A 30°-45° two socket cross connection between two tubes. To join the mid-rail at an angle of between 30°-45° to an inter post.



131 – Base Flange

The base flange is used to terminate the tube to a wall or similar. *Not suitable for use as a base plate for the hand railing system



132 – Railing Base Flange

This fitting is used as a base plate for the hand railing system and must always be positioned with the holes across the line of the railing for strength.



134 – Ground Socket

The ground socket is cast into concrete and set flush with the ground. The vertical tube is held in place with the grubscrew but can be easily removed



135 – Clamp on Tee

The clamp on tee is used to add additional supports to an existing structure without the need of dismantling.



138 – Gate Eye

Female fitting of a two part gate hinge set, can be secured in any position on a vertical tube.



140 – Gate Hinge

Male fitting of a two part gate hinge set, can be secured in any position on a vertical tube.



143 – Handrail bracket

Wall mount bracket for the handrailing system. The tube passes through the bracket and can be secured at any point. Not suitable for use as a structural fitting.



144 – Structural Side Support

Structural offset side support for securing handrailing to walls, steps, etc. The tube is unable to pass through this fitting helping to add strength to the structure.



145 – Non-Structural Side Support

Non-structural offset side support for securing handrailing to walls, steps, etc.

146 – Structural Side Palm Fixing

Structural side palm fixing for securing handrailing to walls, steps, etc. The flush design allows the vertical tube to be tight to the structure.



147 – Internal Swivel Tee

Used with other fittings within the Quickclamp handrailing range this fitting creates a 360° swivel joint.



148 – Short Swivel Tee

Always sold as pairs this fitting is used to create angles between 85° and 235°. A central vertical tube is required to join the fittings together.



149 – External Sleeve Joint

This fitting is used to externally join two tubes together of the same diameter.



150 – Internal Tube Joint

Always sold as pairs this fitting is used to internally join two tubes together of the same diameter.



158 – Four Way Cross

A four way cross that allows a vertical tube to pass through the centre of the fitting with four horizontal tubes joining at 90° to each other.



160 – Clamp on Crossover

The clamp on crossover is used to add additional supports to an existing structure without the need of dismantling



161 – 90° Crossover

The tube is unable to be jointed within this fitting. Used for racking systems or offset handrailing.



165 – Combination Socket

A combination fitting for use in the construction of racking systems. The fitting allows a vertical tube to be connected at 90° to two horizontal tubes.



170 – Single Sided Mesh Clip

The single sided clip allows mesh panels to be secured to one side of a vertical or horizontal tube, supplied with M6 x 30mm long bolt and nut.



171 – Double Sided Mesh Clip

This double sided clip allows mesh panels to be secured either side of a vertical or horizontal tube, supplied with M6x30mm long bolt and nut.



176 – Side Outlet Tee

Side outlet tee used to join three horizontal tubes at 90° to each other with a vertical tube passing through the fitting.

179 – Locking Collar

The locking collar is used to add extra support to a structure where the slip load on the grubscrew is exceeded.



182 – Chain Hook

Chain hook used to locate chains across openings. We would recommend that one end of the chain is secured in place to prevent removal.



167 – Double Swivel Combination

Double swivel combination with the swivel connectors at 180° to each other. Each swivel has a travel of approximately 85° from the vertical in both directions.



168 – 90° Corner Swivel

Double swivel combination with the swivel connectors at 90° to each other. Each swivel has a travel of approximately 85° from the vertical in both directions.



169 – Swivel Flange

This fitting allows a tube travel of approximately 85° from the vertical in both directions

WARNING: An entire structure should not be constructed from swivel fittings alone, as these would not provide sufficient stability or rigidity in the structure due to the free rotation of the fitting.

WARNING: This fitting is not recommended for use as a base plate for guardrailing.



173 – Single Swivel Socket

Single swivel combination. The swivel has a travel of approximately 85° from the horizontal in both vertical directions

WARNING: An entire structure should not be constructed from swivel fittings alone, as these would not provide sufficient stability or rigidity in the structure due to the free rotation of the fitting.



201 – Angled Single Socket Tee

An adjustable tee connection between two tubes. Used on ramps to join the top-rail to an inter post or an end post to a mid-rail. Not suitable for joining two tubes.



204 – Angled Long Tee

An adjustable tee connection between two tubes. Used on ramps to join the top-rail to an inter post. This fitting can be used to join two tubes together.



219 – Angled Two Socket Cross

An adjustable joint between the vertical tube and the horizontal. Used to connect the mid-rail to the inter posts.



225 – Angled Elbow

An adjustable elbow used to join the end post to the top-rail.



232 – Angled Railing Base Flange

An adjustable base plate for the hand railing system. Used on shallow ramps with a rake of between 4°- 10°.

133 – Plastic End Cap

A black plastic end cap used in the end of the tube.

