



KWIKCLAMP®

- brilliantly simple!

GatesPlus

1300 121 666

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Clamp fittings



Barrier Panels



Posts, end terminations, toe plates



Fasteners, tools & accessories

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The Kwikclamp® range of modular fittings, posts, rails, end terminations, barrier panels and accessories all comply with the design requirements of AS1657 and AS1428, the Australian Standards for safety barriers in a multitude of applications. All products are hot dip galvanised to comply with AS4680 and have a minimum of 500gsm zinc coating.

Clamp products are made from recycled steel resulting in a “green” steel product. Available in C42 and D48 sizes (other sizes supplied on special order – B34 and E60), Kwikclamp’s fittings are made from malleable or ductile iron with case hardened 12mm long 304 grade stainless steel screws for extra durability, vibration and corrosion resistance in the toughest conditions.

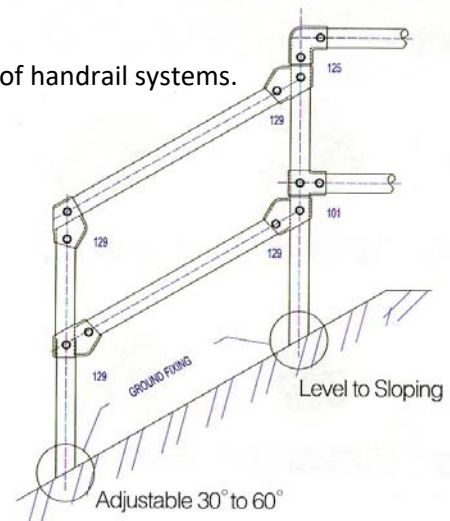
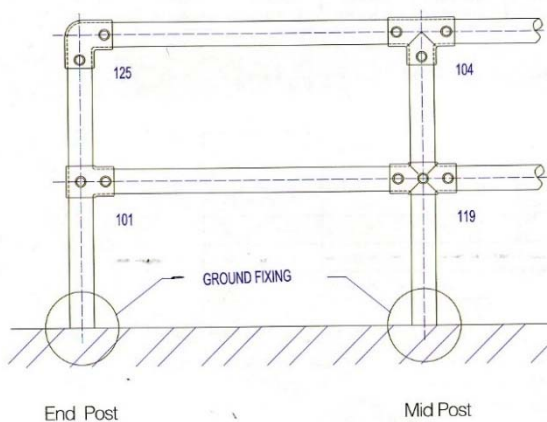


Tube Size Guide

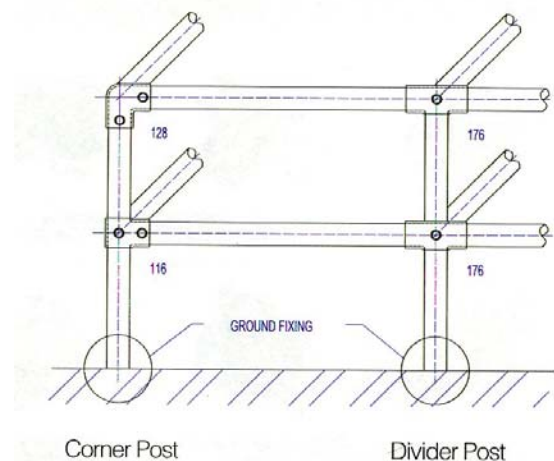
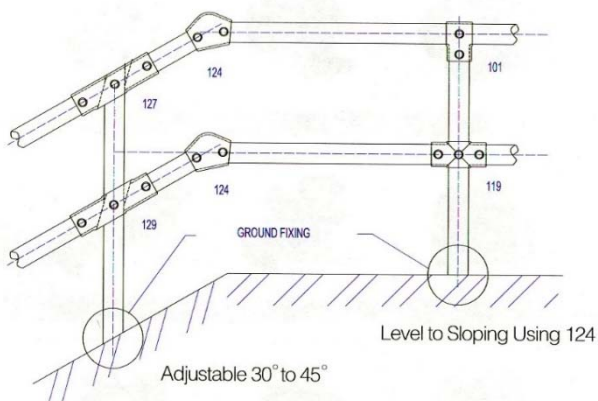
Size Reference	Tube OD (mm)	Nominal Size (mm)
B-34	33.7	25NB
C-42	42.4	32NB
D-48	48.3	40NB
E-60	60.3	50NB

Construction Guide

The following illustrations are a guide for installing different types of handrail systems.



Check with your designer or specifier before using these possible configurations for any given application.



Kwikclamp products are used in a multitude of applications, initially designed for the safety barrier and hand rail markets; the modular nature of the clamps has given rise to very creative and highly functional applications that include ...

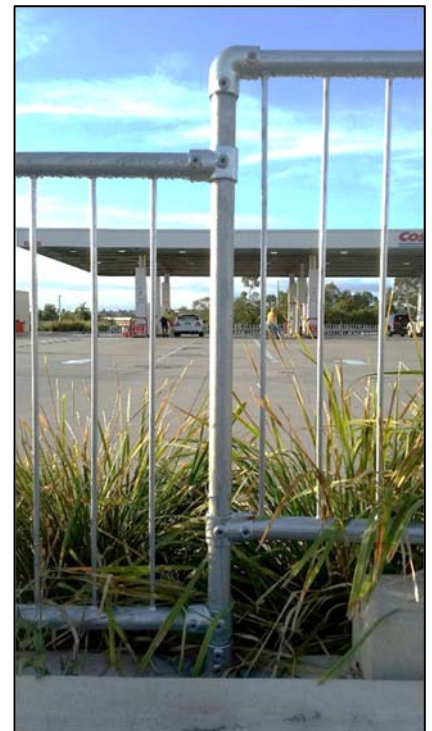
- Bikeway and pedestrian safety barrier systems
- Disability hand rails
- Trolley parking bays
- Playground equipment
- Road signs
- Retail displays & racking
- Exhibition stands & displays
- General signage
- Temporary shelters and buildings
- Fall prevention systems, commercial, industrial & factory safety barriers
- Machinery enclosures & guards
- Roof and walkway guard rails

There are almost infinite number of ways of using the Kwikclamp fittings, barrier panels and accessories to quickly and easily create rigid structures with minimal need for tools and labour. The simple, modular nature of Kwikclamp products makes for less expensive erection of barriers compared to traditional welded or ball type designs.

All Kwikclamp fittings, posts, rails and barrier panels have been independently tested to comply with AS1657 for 2.4m post spacing – the Australian Standard for fixed platforms walkways and stairways as well as complying with AS4680 – galvanising.



- Cost effective
- Fast to erect
- Best value modular system available – certified to 2.4m widths
- TUV certified clamp fittings
- Panels and rails comply with AS1657 specifications


































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The Kwikclamp Clamp Range

					
101 Short Tee	104 Long Tee	112 Short Tee 45°	116 3 Way Thru	119 2 Socket Cross	124 Variable Elbow
					
125 2 Way Elbow	125H Swivel Elbow	128 3 Way Elbow	129 Adjustable Short Tee	130 30°-45° Cross	131 Base Flange
					
132 Base Flange	133 Plastic Cap	134 Ground Socket	135 Clamp on Tee	136 Steel End Plug	138 Gate Eye
					
140 Gate Hinge	141 Railing Base	143 Hand Rail Base	144 Railing Side Support - vertical	145 Railing Side Support - horizontal	146 Side Palm Fixing
					
147 Internal Swivel Tee	148 Short Tee Swivel	149 External Sleeve Joiner	150 Internal Sleeve Joiner	152 Base Flange 0-11°	153 Short Tee 0-11°
					
154 Elbow 0-11°	155 Long Tee 0-11°	156 Cross 0-11°	158 4 Way Cross	167 Double Swivel Combination	167M Double Male Inline Swivel
					
168 Corner Swivel Combination	168M Male Corner Swivel	169 Swivel Base	170 Mesh Panel Clip - single	171 Mesh Panel Clip - double	173 Single Swivel Combination

- Not all clamps are available in all sizes – check online or call **1300 121 666** for availability
- All specifications, designs and dimensions are subject to change without notice
- All Kwikclamp fittings use 12mm long 304 grade stainless screws for superior corrosion & vibration resistance

					
173 Female Swivel	173 Single Male Swivel	176 Side Outlet Tee	179 Locking Collar	198 Double Fixing Bracket	199 Single Fixing Bracket
					
232 Base Flange	242 Toeboard Flange	246 Side Flange	251 Base Flange 30-45°	252 Base Flange 11-29°	253 Short Tee 11-29°
					
255 Long Tee 11-29°	256 Cross 11-29°	300 Grub Hex Screws	301 Allen Keys	302 Ratchet, Socket & Allen key set	303 Security Screws
KWIKCLAMP DDA ASSIST CLAMP RANGE  <p>Smooth inline handrail clamps designed to comply with AS1428 – disability access design guide.</p>					
					
725 Internal Corner Joiner	728 Corner Support	729 Corner Support	731 Flange Wall Bracket	745 Support Wall Bracket	746 Support Wall Bracket
					
747 Support Bracket	748 Support Bracket	750 Rail Joiner (used with 173F)	751 Rail support (used with 173F)	764 Variable Elbow	797 "O" Ring

Notes:-

- Not all clamps are available in all sizes – check online or call **1300 121 666** for availability
- Powder coated finishes are available on special request (*minimum order quantities and charges apply*)
- Clamps must not be welded or cut
- All specifications, designs, dimensions and carton qty's are subject to change without notice
- Some product images are for illustration purposes only
- All Kwikclamp fittings use 12mm long 304 grade stainless steel screws for superior corrosion and vibration resistance

All pipe & plate products are hot dip galvanised for longer life, not all items and sizes are held in stock

Kwikclamp supplies a range of posts, rails, end terminations and toe plates in various lengths and configurations. The vast majority of safety handrails are 40NB medium pipe (48.3 OD x 3.2mm) with cranked post tops suited to AS1428 and Cycle Australia design guidelines. We can also have custom designs made for large scale projects where we are indeed very experienced in delivering top quality product at excellent value.

End terminations – panel type, “D” and “J” designs



Straight and cranked top posts – D48, matching rails in C42 and D48 sizes available

Toe plates



100mm wide x 5mm, heavy galv, pre-drilled toe plates

FASTENERS, TOOLS, ACCESSORIES

All the additional items needed to erect and complete a safety barrier and hand rail system.

Fasteners



- M12 x 100 heavy galv concrete anchor bolts
- Self-drilling hex head TEK screws – 5g x 32mm, heavy galv
- M12 x 40mm cuphead bolt, washer & nut
- *All heavy hot dip galvanised*

Tools – all CR-V top quality



- Heavy duty 12mm socket handle
- Hex key 12mm socket
- Ultra-tough Allen keys – 5/16" for C42 and D48 fittings

Reflective & Line Marking tape



Single & double colour reflective tapes for applying to posts and rails for added visibility - *various colours & widths*

Single & double colours and luminescent line marking tapes

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Barrier panels – all 1000mm high



Bikeway panels – same length top & bottom rails

- Designed for use with extend posts and 119 CROSS fittings
- End termination sections also available

Pedestrian panels – bottom rail is 50mm shorter than top rail

- Designed for use with 104 TEE joiner and 119 CROSS fittings
- 2400 and 1800mm width panels
- 40NB medium (3.2mm) top & bottom rails
- 12mm solid rod pickets, continuous weld of rod to rail
- Hot dip galv to exceed AS4680 after welding
- 36° inclined versions available
- 2.4m wide panels are certified for AS1657 compliance

Kwikclamp barrier panels have been independently tested to comply with AS1657 and also comply with Cycling Australia design guidelines. Typical hot dip galv coating is around 90-120 microns – far in excess of the Australian Standard requirement of 70 microns (500gsm).

We can have any design, incline angle panel made to order, call us to enable us to help you get what you need for your projects.

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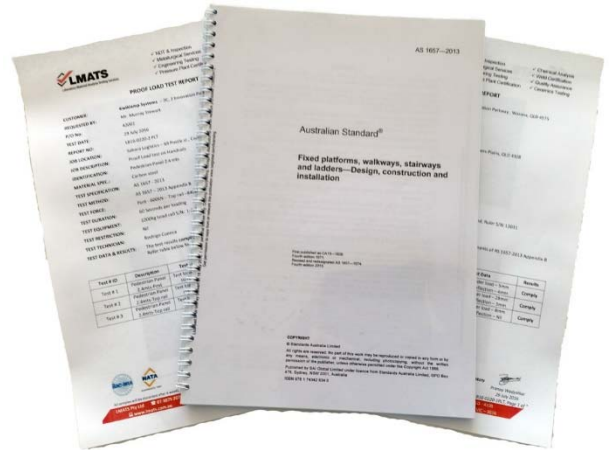
Lots of bikeway and pedestrian barrier applications – all sorts of designs are possible.

AS1657 Compliance Certified, TUV Certified – quality you can rely on!

Kwikclamp barrier systems have been independently tested and certified by LMATS, a NATA registered testing authority, for compliance with AS1657 – the Australian Standard for the design, construction and installation of walkway and stairway barriers. Certification for panels and handrails at 2.4m post spacing for D48 (40NB) size rails, posts and fittings means that pedestrian and bikeway barriers and safety handrails can be erected at 2.4m post spacing:-

- Fewer posts, fasteners and fittings
- Less labour and faster installation times
- Far lower total cost than other modular barrier systems that can only be used in 1800 and 2000mm wide post spacing to comply with AS1657

A copy of the LMATS test report and AS1657 certification can be downloaded from the Kwikclamp website (www.kwikclamp.com.au). Check the website for other certifications that will become available from time to time.



Kwikclamp's supplier of our fittings has their fittings regularly tested and certified by TUV Rheinland as complying with applicable European standards – further evidence of the quality of the Kwikclamp range of modular barrier systems products.

So when you need a very competitive and complete system of superior clamps, barrier panels, posts, rails and fasteners, Kwikclamp has what you need backed with responsive, reliable service and distributors Australia wide. Find your nearest supplier online to or call us for assistance.



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