



BARRETT STEEL
BALUSTRADE AND WALKWAYS



YOUR INNOVATIVE GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS

We have Safety Solutions Covered



HANDRAIL



FLOORING



MESH



GATES AND LADDERS



STAINLESS AND GLASS



AND MORE ...



BARRETTSTEEL.COM



We have developed this range to complement our extensive steel stockholdings, ensuring that we are your one point of call for a wide range of products.

Whether you are building a stand-alone platform, require additional products as part of a larger building contract or want to add aesthetic elegance with Stainless and Glass fittings, we have the solution for you.

ABOUT US

Welcome to Barrett Steel Balustrade and Walkways, the dedicated safety and access division of Barrett Steel Limited.

Embodying the Barrett Steel commitment since 1866, our Balustrade and Walkways division is dedicated to prioritising your needs.

Our extensive stock of over 100,000 tonnes of steel, coupled with state-of-the-art processing solutions, empowers us to provide a diverse range of products for the creation of fabricated structures and safety solutions tailored to you.



Comprehensive Supply Networks:

Leveraging our unique position within Barrett Steel Limited, we provide unparalleled access to extensive supply networks. This ensures that your projects have a one-stop solution for all safety-related requirements, saving you time and effort in procurement.



Rapid Nationwide Distribution:

Benefit from our rapid nationwide distribution capabilities, facilitated by strategically located central and local hubs. Your orders are processed efficiently, ensuring timely delivery wherever your project may be, giving you flexibility and time back to focus on your supply chain.



We put Customers First:

Embodying the Barrett Steel commitment since 1866, our Balustrade and Walkways division is dedicated to prioritizing your needs. With an experienced team and technical approach at every step, ensuring a seamless experience.



Versatile Product Range:

As your one-point supply solution, we offer more than just balustrades and walkways. Our extensive stock of over 100 tonnes of steel, coupled with state-of-the-art processing solutions, empowers us to provide a diverse range of products for the creation of fabricated structures and safety solutions tailored to you.



Adaptability and Innovation:

In a rapidly evolving construction and manufacturing landscape, we understand the importance of adaptability and innovation. Our commitment is to constantly strive to stay ahead of industry trends, offering cutting-edge solutions that support the future of your projects.



Proven Expertise Since 1866:

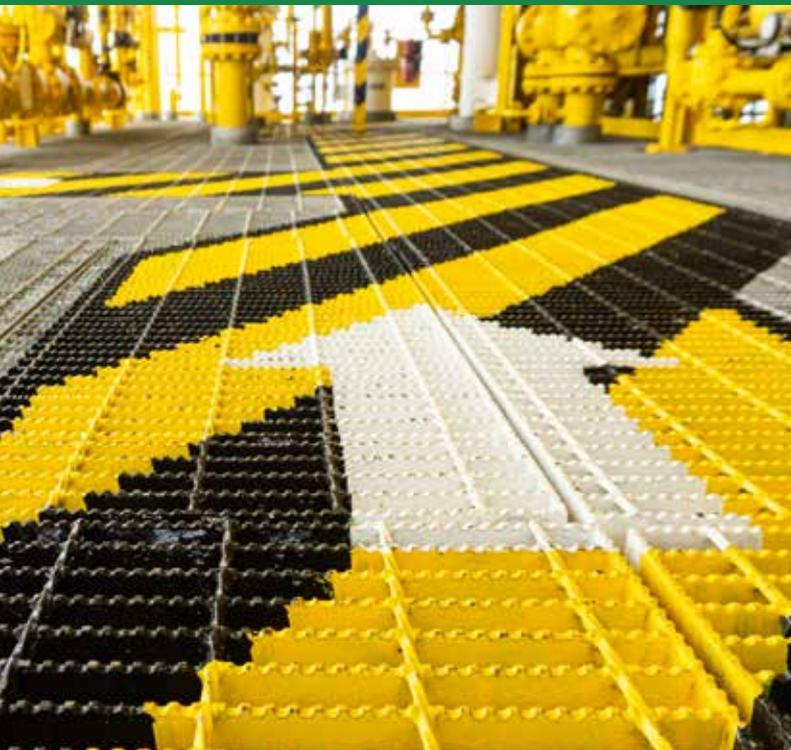
Benefit from the rich heritage of Barrett Steel, a company that has been synonymous with trust and reliability since 1866. Our long-standing commitment to excellence ensures that you receive products and services backed by a legacy of expertise, giving you confidence in the quality of your safety solutions.

Choose Barrett Steel Balustrade and Walkways as your partner and experience the difference that a legacy of quality and excellence can make to your projects.

*Whilst every effort has been made to ensure the accuracy of the information contained in this brochure, Barrett Steel Ltd cannot be held responsible for any errors or omissions. Barrett Steel Ltd reserves the right to alter or withdraw products without prior notice. Barrett Steel Ltd accepts no responsibility for any loss or damage arising from improper use of their products.

BALUSTRADE AND WALKWAY PRODUCTS

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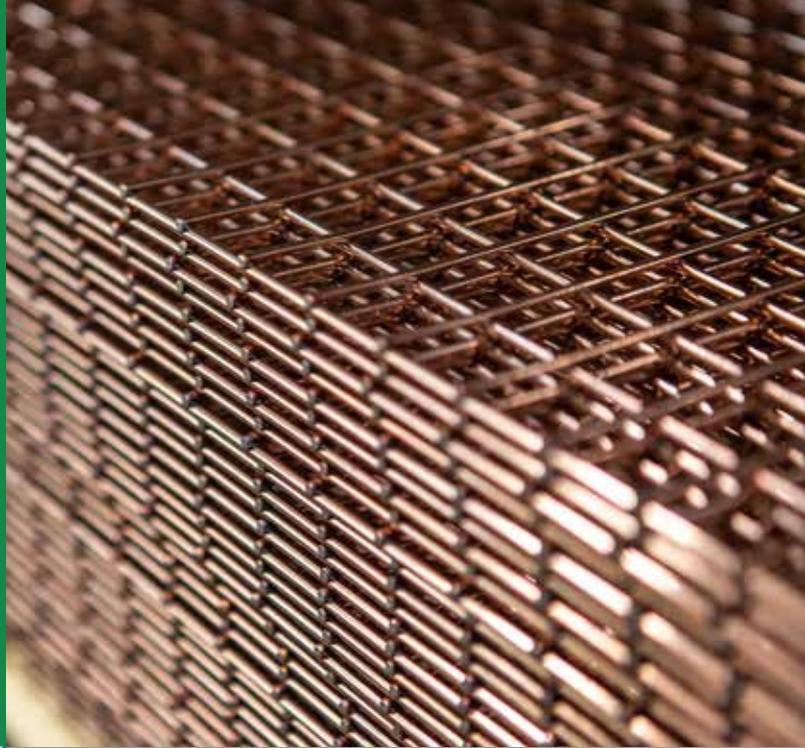
BARRIERS, GATES & LADDERS

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TECHNICAL

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Your Guide to Balustrade and Walkway Products

At Barrett Steel, we offer a wide range of handrail and walkway solutions that ensure you have the right choice for your project's requirements.

Having been a key supply chain partner to industry for over 150 years we not only understand your projects requirements but have the in-house expertise to ensure your job is supplied right first time and every time. Whether you need individual ranges or require a complete fabricated solution, there is no project too large or small. We pride ourselves on being your single point of supply for everything from Structural Sections to GRP Profiles.

At Barrett Steel Balustrade and Walkways, we are so much more than steel.

For ease of use we have organised our brochure into key product areas, starting with all the products you would need to complete projects such as; walkways, mezzanines and access platforms.



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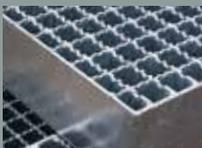
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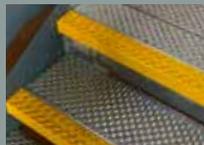
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Handrail Standards

Our handrail standards are suitable for use in all types of industries and can be made to order.

These are ideal for any internal or external areas requiring a stable edge protection barrier, whether it's against stationary objects or machinery.

Typical applications include:

- ▀ Platforms
- ▀ Mezzanines
- ▀ Stairways
- ▀ Gantries

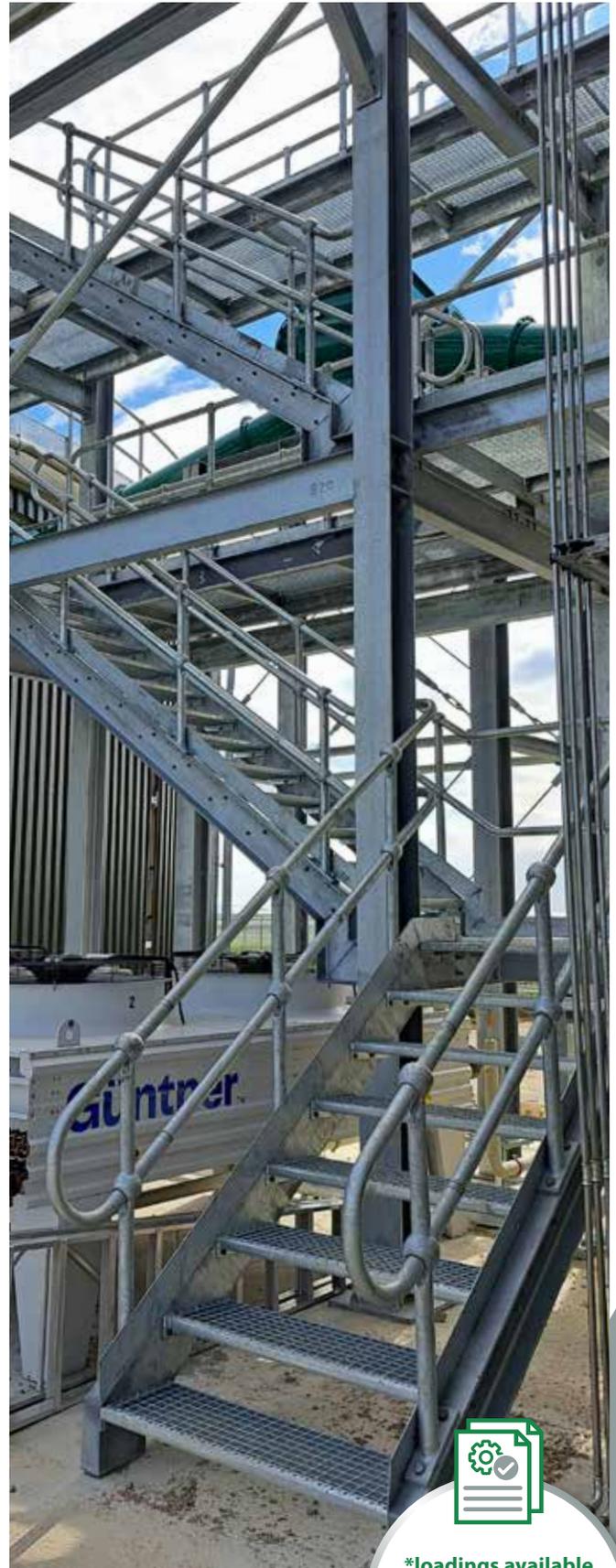
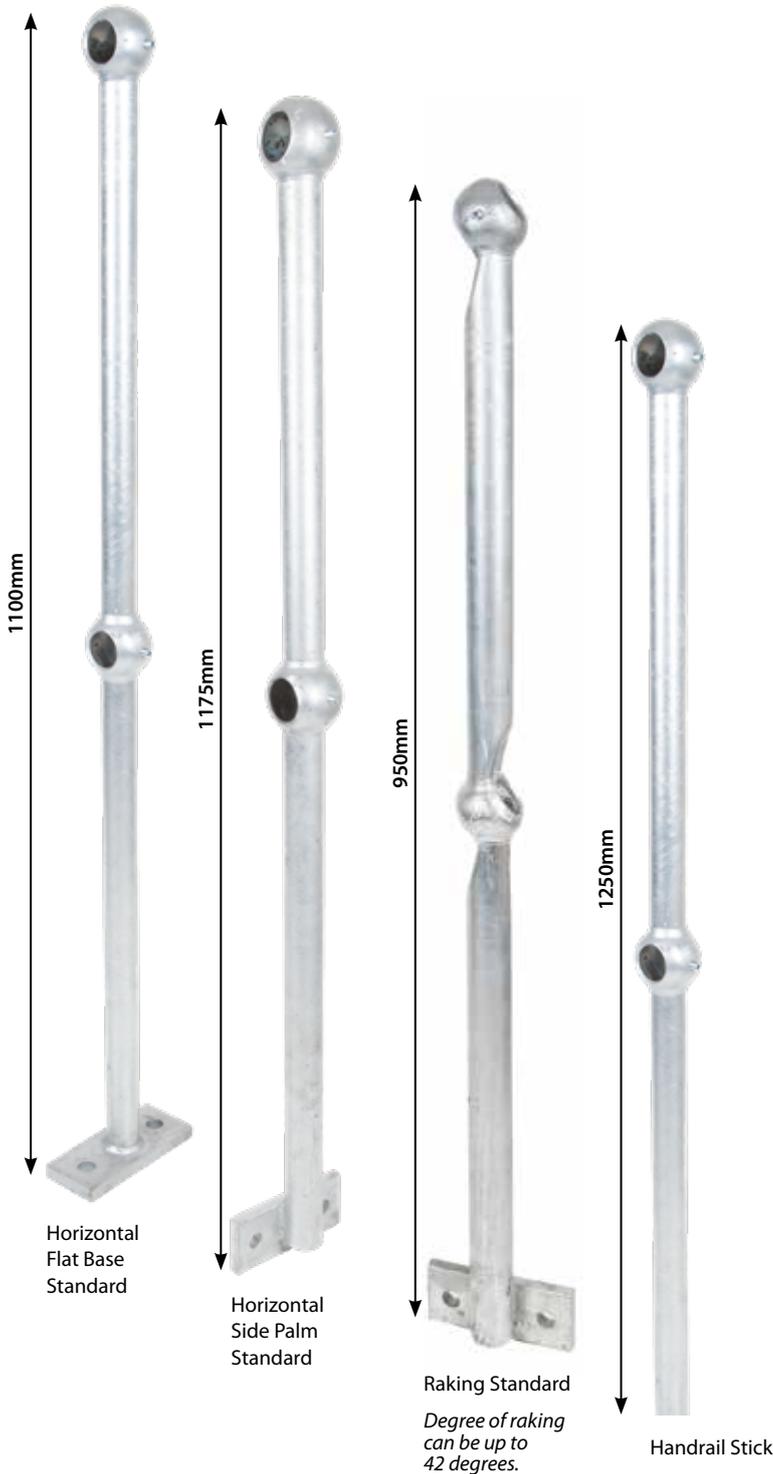
Our Handrail Systems are supplied in the following shank sizes:

- ▀ 25mm Nominal Bore Shank
(33.7mm o/d x 3.2mm wall)
- ▀ 32mm Nominal Bore Shank
(42.4mm o/d x 3.2mm wall)
- ▀ 40mm Nominal Bore Shank
(48.3mm o/d x 3.2mm wall)

HANDRAIL STANDARDS

Self-colour & galvanised

OPTIONS		
Shank NB (mm)	Ball diameter (mm)	Handrail Size NB (mm) O/D
25mm	63mm	25/33.7mm
32mm	63mm	25/33.7mm
32mm	75mm	32/42.4mm
40mm	75mm	32/42.4mm
40mm	90mm	40/48.3mm



***loadings available on request, for further technical information, please contact us.**

HANDRAIL BASES

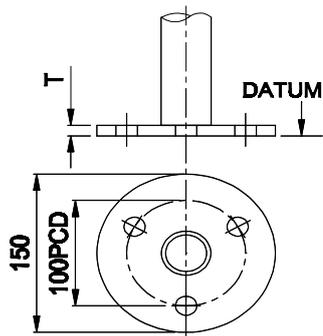
Our handrail uprights can be supplied as sticks only or with a range of base plates attached, as shown below.



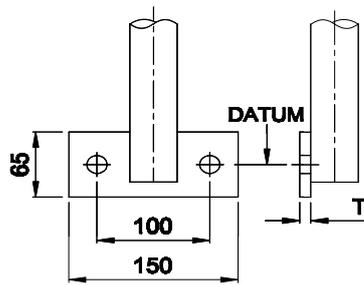
***loadings available on request, for further technical information, please contact us.**

OPTIONS

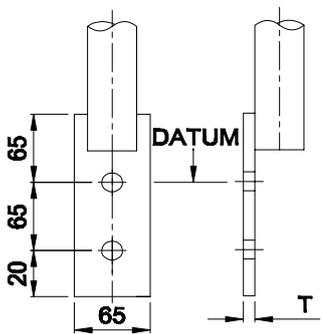
Shank NB (mm)	Handrail Size (mm)
25mm	33.7mm dia
32mm	42.4mm dia
40mm	48.3mm dia



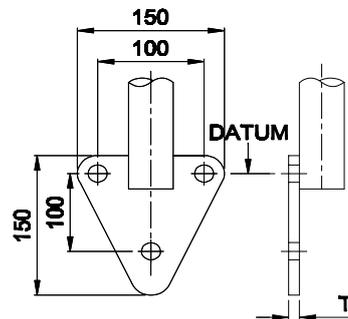
Round Base



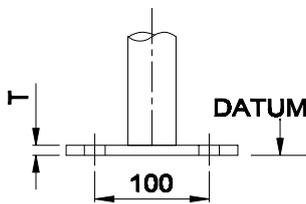
Horizontal Side Palm



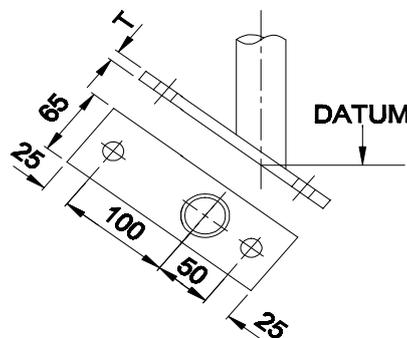
Long Side Palm



Triangle Side Palm



Rectangular Flat Base



Rectangular Raked Flat Base



Please do not predrill steelwork for fittings as base measurements/hole centres may vary.

Handrail Sections

Handrail sections are an integral part of any barrier safety system.

The following handrail sections can be utilised to create a hand or knee rail to any required angle.



HANDRAIL SECTIONS

Self-colour or galvanised.

OPTIONS

Shank NB (mm)	Handrail Size (mm)
25mm	33.7mm dia
32mm	42.4mm dia
40mm	48.3mm dia



1 90° Bend



2 Ramp Bend



3 Return Bend



4 Stair Return Bend



Ask our team for a bespoke fill in sheet today!

Simply fill in the dimensions for your project and our team will turn these into a quote ensuring the correct details and materials are produced.



HANDRAIL BALLS

We offer a comprehensive range of handrail balls in diameters specifically sized to fit the following nominal bore tubes. This product is supplied in a self-colour finish.

Outside Dia (mm)	To Suit
63mm dia	25nb
75mm dia	25nb
75mm dia	32nb
90mm dia	40nb



WELDABLE ELBOWS

Weld elbows are ideally suited for the construction of Handrailing, Balustrading, Protection Barriers, Street Furniture, and all other tubular fabrication projects.



Elbow Type	Outside Dia (mm)	Nominal Bore (mm)	"T" Wall Thickness (mm)	Radius & Centre to Face "A" (mm)
WE-3	33.7mm	25.0mm	2.6mm	38.0mm
WE-4	42.4mm	32.0mm	2.6mm	47.5mm
WE-5	48.3mm	40.0mm	2.6mm	57.0mm
WE-6	60.3mm	50.0mm	2.9mm	76.0mm
WE-7	76.1mm	65.0mm	2.9mm	95.0mm
WE-8	88.9mm	80.0mm	3.2mm	114.0mm
WE-9	114.3mm	100.0mm	3.6mm	152.0mm
WE-10	139.7mm	125.0mm	4.0mm	190.0mm
WE-11	168.3mm	150.0mm	4.5mm	229.0mm

Long radius, not pressure tested.

KICK CLAMPS

Kick Clamps enable kick flats to be connected to handrail standards with no need for welding. They are available to suit 25NB shank (K25) or 32-40NB shanks (K40). To accompany our Kick Clamp Brackets we have Connectors to help connect Kick Flat lengths.



KCB 1 – Internal Connector



KCB 2 – External Connector



KCB 3 – Straight Connector



Kick Flat Clamp Connector



Ask our team for a bespoke handrails section sheet today!

Simply fill in quantity of sections and connectors you require, and our team will handle the rest.

KICK FLAT

Kick Flat lengths can be supplied in self-colour or galvanised in 150mm x 6mm x 3m standard lengths. A variety of other depths are available on request.



INTERNAL TUBE JOINERS

SPLICE LOCKS

The effective and convenient way to join handrail tubing.

Splice-locks are the most effective and convenient method for butt joining tubular railings. These internal expansion connectors have been engineered so that they give the perfect non-slip joint that is completely flush and virtually unnoticeable.

Their unique design enables them to be inserted into the tube without the two halves separating. Once the allen screw has been tightened the splice-lock contacts the tube internally in four areas along the full length. This ensures alignment and maximum strength.

APPLICATION

Splice-locks allow easy on site joints to be made. They are ideally suited to situations where aesthetics and durability are of prime importance. Typical uses are for Handrails, Guardrails and Street Furniture etc.



Tube Dia (mm)	Single Splice Lock Code	Double Splice Lock Code	To suit Wall Thickness (mm)
33.7mm	SL-6	SL-6D	2.6 - 4.00mm
42.4mm	SL-7	SL-7D	2.6 - 4.00mm
48.3mm	SL-8	SL-8D	2.6 - 4.00mm
60.3mm	SL-9	SL-9D	2.6 - 4.00mm

DOWEL CONNECTORS

Our Dowel Tube Connectors are available to suit 42mm outside diameter and 32mm nominal bore. Please note these are a none expanding fitting.



INTERNAL TUBE CLAMP JOINT

Inline internal expanding connector for joining two tubes together.

Product Type	Tube Size	Weight
150B	33.7mm	0.17kg
150C	42.4mm	0.27kg
150D	48.3mm	0.34kg



Only medium gauge 3.2mm wall thick tube can be used. The 150 should never be used as a load bearing joint. The 150 must be used within 100mm of an upright.

NOMINAL BORE TUBE

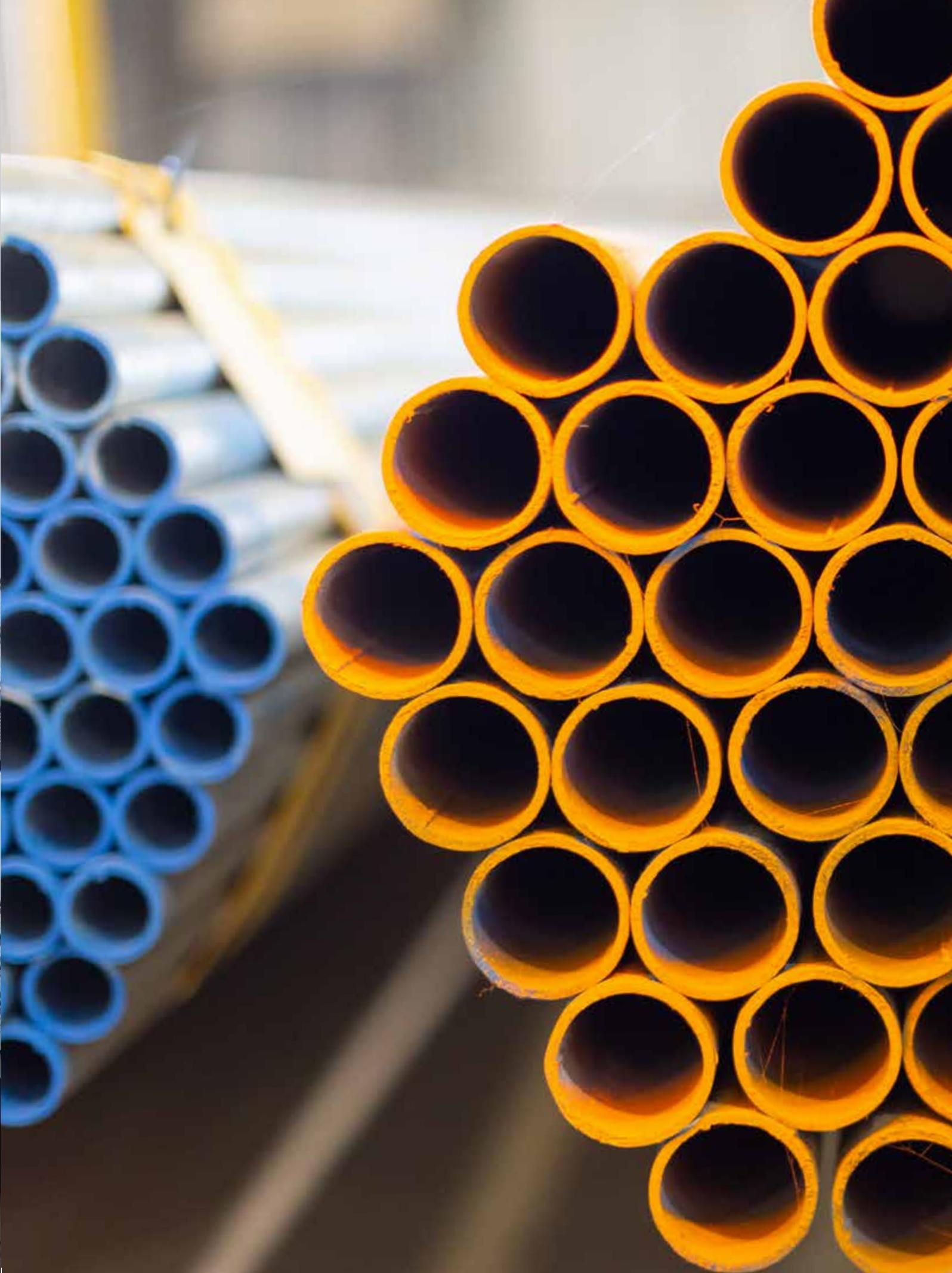
Available to purchase in both Self Colour and Galvanised finish. Standard Tube lengths 6400/6500mm (not pressure tested).

Reference	Outside Dia (mm)	Nominal Bore (mm)
A	26.9mm	20.0mm
B	33.7mm	25.0mm
C	42.4mm	32.0mm
D	48.3mm	40.0mm
E	60.3mm	50.0mm



Cut to length pieces available upon request.







Tube Clamps

Our comprehensive range of fittings and sizes means that tube clamps can be used in a wide variety of applications.

Tube clamps are malleable cast iron hot dip galvanised fittings, designed with simplicity and ease of use, used in a variety of applications, either temporary or permanent.

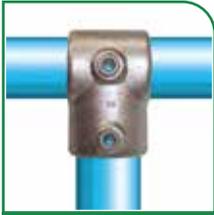
No special skills are required, no welding, no bending just a hexagonal key to tighten the set screws and you can join tubing together in mere seconds.

Choosing the right tube clamp fittings are equally straightforward. Simply select the appropriate fitting and the corresponding tube size for your project, then combine the two reference numbers to form the complete product code.

For example, a long tee suitable for 48.3mm diameter tubing would be identified as "104D."

Please talk to one of our technical team members for any guidance. Tube clamp fittings are available in a variety of sizes to accommodate a wide range of tubing diameters.

YOUR GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS



101 SHORT TEE
Sizes: A, B, C, D, E



A101 ADD ON SHORT TEE
Sizes: C, D



104 LONG TEE
Sizes: A, B, C, D, E



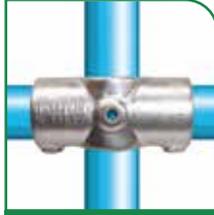
116 3 WAY THROUGH
Sizes: A, B, C, D, E



A116RH RIGHT HAND LEVEL TO SLOPING DOWNSIDE OUTLET TEE (30° - 45°)
Sizes: C, D



A116LH LEFT HAND LEVEL TO SLOPING DOWNSIDE OUTLET TEE (30° - 45°)
Sizes: C, D



119 2 SOCKET CROSS
Sizes: A, B, C, D, E



122 ACUTE ANGLE ELBOW (30° - 45°)
Sizes: C, D



A122 ACUTE ANGLE ELBOW (11° - 30°)
Sizes: C, D



BC123 SWIVEL ELBOW
Sizes: B, C, D



124 VARIABLE ELBOW (15° - 60°)
Sizes: B, C, D



A124 VARIABLE ELBOW (11° - 30°)
Sizes: C, D



125 2 WAY ELBOW (90°)
Sizes: A, B, C, D, E



128 3 WAY ELBOW (90°)
Sizes: A, B, C, D, E



A128RH RIGHT HAND LEVEL TO SLOPING DOWNSIDE OUTLET ELBOW (30° - 45°)
Sizes: C, D



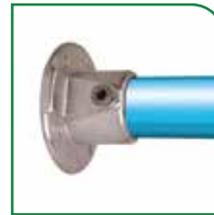
A128LH LEFT HAND LEVEL TO SLOPING DOWNSIDE OUTLET ELBOW (30° - 45°)
Sizes: C, D



129 ADJUSTABLE TEE (30° - 60°)
Sizes: B, C, D



130 ADJUSTABLE CROSS (30° - 45°)



131 WALL FLANGE
Sizes: A, B, C, D, E



132 RAILING BASE FLANGE
Sizes: A, B, C, D, E



133 PLASTIC END CAP
Sizes: A, B, C, D, E



134 GROUND SOCKET
Sizes: B, C, D



135 CLAMP ON TEE
Sizes: A, B, C, D, E



136 METAL DRIVE IN PLUG
Sizes: A, B, C, D, E



138 GATE EYE
Sizes: A, B, C, D

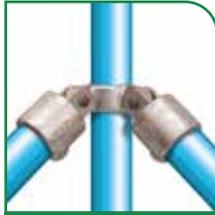
YOUR GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS



YOUR GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS



168M CORNER SWIVEL MALE (90°)
Sizes: AM, BM, CM, DM



168 CORNER SWIVEL COMBINATION (90°)
Sizes: A, B, C, D



169M SWIVEL BASE SECTION



169 SWIVEL BASE
Sizes: A, B, C, D, E



Sold in packs of 10No

170 MESH PANEL CLIP SINGLE
Sizes: A, B, C, D, E



Sold in packs of 10No

171 MESH PANEL CLIP DOUBLE
Sizes: A, B, C, D, E



173M SINGLE MALE SECTION OF SWIVEL
Sizes: MA, MB, MC, MD, ME



173F FEMALE SECTION OF SWIVEL
Sizes: FA, FB, FC, FD, FE



173 SINGLE SWIVEL COMBINATION
Sizes: A, B, C, D, E



176 SIDE OUTLET TEE
Sizes: A, B, C, D, E



177 THREE SOCKET TEE (11° - 30°)
Sizes: C, D



178 TWO SOCKET CROSS (11° - 30°)
Sizes: C, D



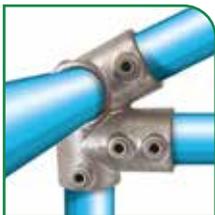
179 LOCKING COLLAR
Sizes: A, B, C, D, E



182 HOOK
Sizes: A, B, C, D



184 TEE (45°)
Sizes: B, C, D



185 EAVES FITTING (27 1/2°)
Size: D



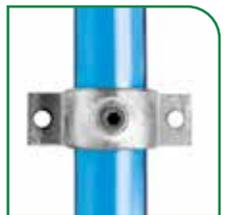
191 RIDGE FITTING (27 1/2°)
Size: D



192 WEATHER SHIELD
Sizes: B, C, D



199 FIXING BRACKET
Sizes: B, C, D



200 DOUBLE SIDED FIXING BRACKET
Sizes: B, C, D



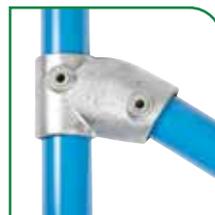
204 LEVEL TO SLOPING DOWN TEE (30° - 45°)
Sizes: C, D



A204 LEVEL TO SLOPING UP TEE (30° - 45°)
Sizes: C, D



219 LEVEL TO SLOPING DOWN/UP CROSS (30° - 45°)
Sizes: C, D



229 SINGLE SOCKET TEE (11° - 30°)
Sizes: C, D



277 THREE SOCKET TEE (30° - 45°)
Sizes: C, D

GUIDE TO GUARDRAIL BAY SIZES (DIMENSIONS ARE UPRIGHT CENTRES)

TYPE SIZE	SIZE B	SIZE C	SIZE D			SIZE E		
O/D	33.7	42.4	42.4	48.3	48.3	48.3	60.2	60.2
Wall in mm	3.2	3.2	4.0	3.2	4.0	5.0	3.7	5.0
Design Load N/m	GUARDRAIL HEIGHT 900mm							
360	814	1369	1595	1828	2584	3052	3265	3858
740	396	666	776	889	1257	2229	1588	1876
Design Load N/m	GUARDRAIL HEIGHT 1100mm							
360	666	1120	1305	1496	2114	2778	2671	3155
740	324	545	635	728	1028	1824	1300	1535
1500	160	269	313	359	507	900	641	757

Upright wall thickness is as the chart, cross rails are 3.2mm wall thickness tube. The above are based on the maximum permissible bending moment of the tube. **THE DIMENSIONS ABOVE ARE FOR GUIDANCE ONLY AND ARE NOT INTENDED TO BE USED AS AN AUTHORISED SPECIFICATION DIMENSION.**

DDA RANGE

DDA range has been designed to meet the requirements laid down in the Equality Act 2010, by providing a non-discriminatory handrail solution that complies with Part 'M' of the Building Regulations 2016 and is a smooth continuous handrail of 42.4mm diameter.

DDA uprights are 48.3mm O/D tube. DDA rails are 42.4mm O/D tube with a 3.2mm wall thickness.



DDA-01 UPRIGHT CONNECTOR



DDA-02 HANDRAIL CONNECTOR
Used in conjunction with DDA-01 and DDA-07



DDA-03 WALL BRACKET



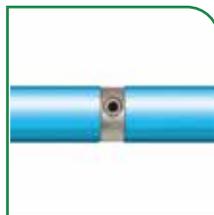
DDA-04 WALL BRACKET
Used in conjunction with a DDA-01



DDA-05 END RETURN
Used in conjunction with a DDA-07



DDA-06 90-DEGREE BEND



DDA-07 EXPANDING CONNECTOR

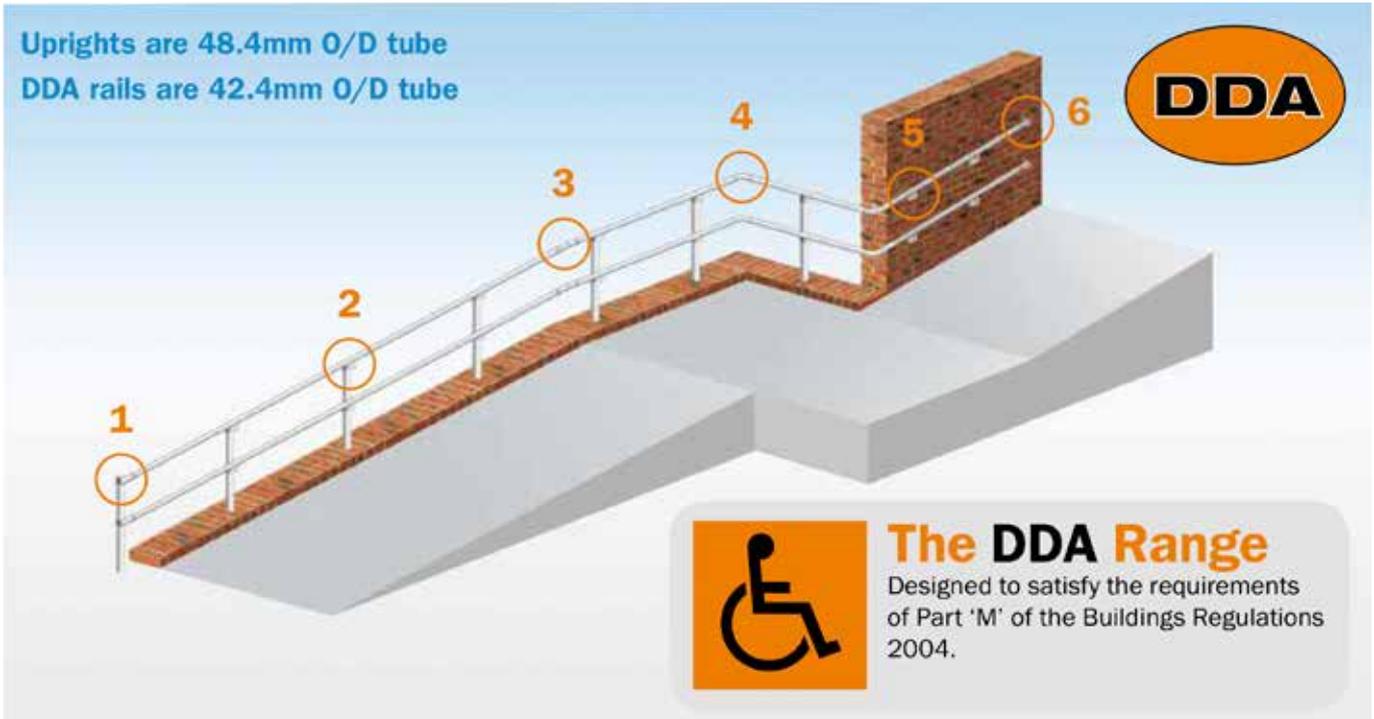


DDA-08 PLASTIC END CAP



DDA-09 ADJUSTABLE BEND
Used in conjunction with 2 No DDA-07

*Dual Ratchets, Hexagonal Allen Keys and Additional Screws are also available on request.



DDA-08, DDA01, DDA02, DDA07



DDA-08, DDA01, DDA04



DDA07, DDA-09, DDA07



DDA-06



DDA-03

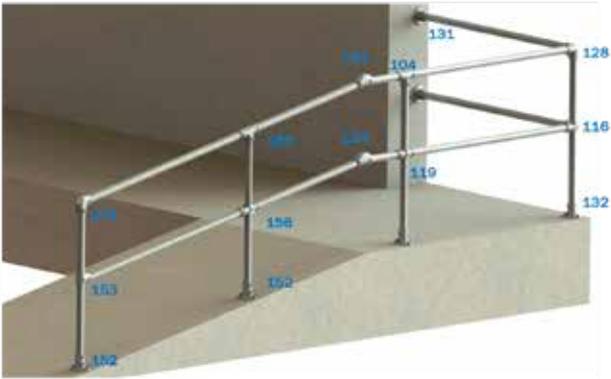


DDA-07, DDA05



GUARDRAILS – SLOPES BETWEEN 0° & 11°

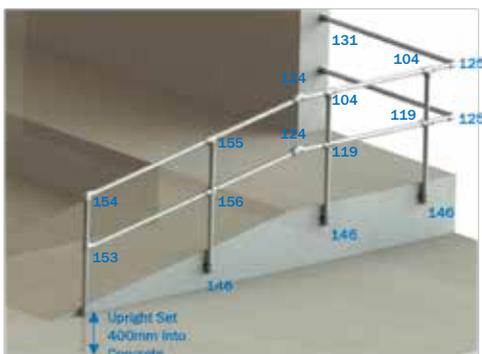
Level to Sloping with 90° Corner (Top Fixed)



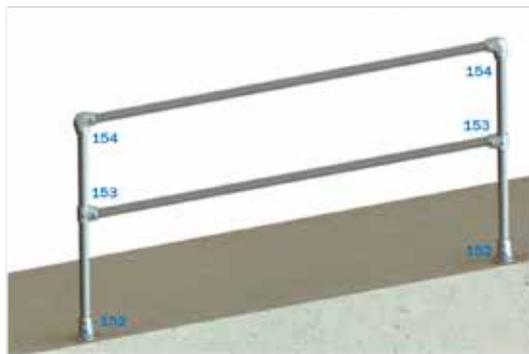
Alternative (D Return)



Level to Sloping with 90° Corner (Side Fixed)

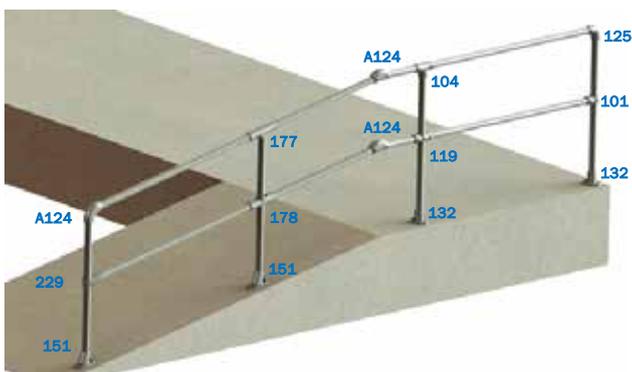


Sloping without Lead In



GUARDRAILS – SLOPES BETWEEN 11° & 30°

Level to Sloping with lead in



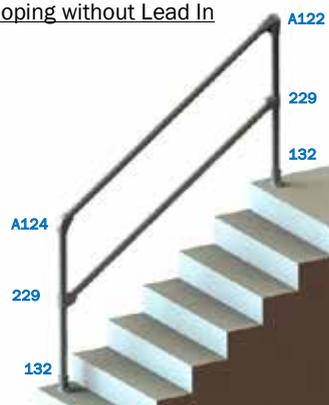
Alternative (D Return)



Level to Sloping with 90° Corner



Sloping without Lead In



GUARDRAILS – ATTACHED TO STEELWORK

Top Fixed to Open Steel Flooring

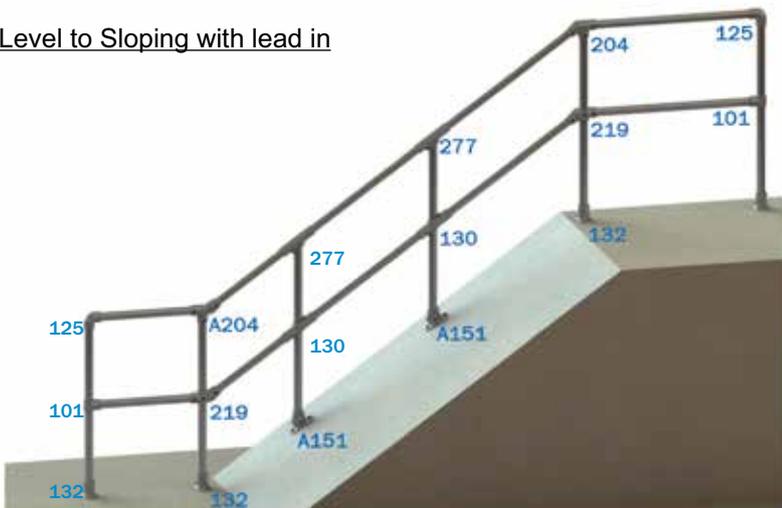


Side Fixed to Steelwork

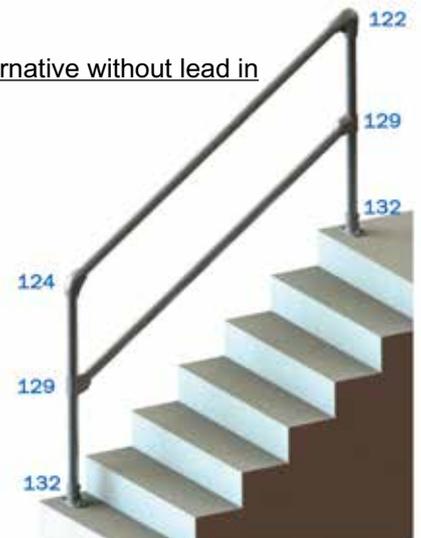


GUARDRAILS – SLOPES BETWEEN 30° & 45°

Level to Sloping with lead in



Alternative without lead in



Level to Sloping with 90° Corner



Alternative (D Return)



*Before ordering or installing Kee Lite products please request a copy of the technical brochure from our team.



KEE LITE

Aluminium Safety Components

Kee Lite components are made from a high grade Aluminium Silicon Magnesium Alloy. They are strong yet light, and extremely durable – even in harsh environments. They are only one-third the weight of iron components, with about 75% of comparable tensile strength. Kee Lite components are designed to suit BS EN755 tube.

Kee Lite components offer flexibility and can be used in a variety of applications, from contemporary to industrial: your imagination is the only limitation.

Because Kee Lite can be easily installed with a hex tool and tube cutters, there is no need for welding or specialist installation skills, saving you both time and money.

Kee Lite is securely locked into place using recessed set screws that provide a sleek and smooth look to your railing system. Kee Lite components are available for tube sizes 25, 32, 40 and 50 N.B.

Component by Function

COUPLINGS

- L14 Straight Coupling

CROSSES

- L26 Two Socket Cross
- L30 Adjustable Cross 30°- 45°
- L35 Three Socket Cross
- L40 Four Socket Cross
- L326 Level to Sloping Down or Up Cross 30°- 45°

CROSSOVERS

- L45 Crossover
- L46 Combination Socket Tee and Crossover

ELBOWS

- L15 Elbow 90°
- L20 Side Outlet Elbow 90°
- LB54 Adjustable Elbow 45°-200°
- L55 Obtuse Angle Elbow
- L55A Variable Elbow
- L56 Acute Angle Elbow 30°- 45°
- L56A Acute Angle Elbow 11°- 30°
- L320LH Left Hand Level to Sloping Down Side Outlet Elbow 30°- 45°
- L320RH Right Hand Level to Sloping Down Side Outlet Elbow 30°- 45°

FLANGES

- LC58*1*2 Swivel Flange
- LM58 Swivel Flange Plate
- L61*3 Flange
- L62 Standard Railing Flange
- L63 Angle Base Flange 45°- 60°
- L67 Angle Flange
- L68 Wall Flange
- L69 Railing Flange with Toeboard Adaptor
- L148 Heavy Duty Rectangular Flange
- L150 Heavy Duty Four Hole Flange
- L152 Four Hole Square Flange
- L164 Offset Wall Flange
- L262 Round Base Flange

BRACKETS

- L70*4 Rail Support
- L160 Smooth Handrail Fitting

PLUGS

- L84 Metal Plug

COMBINATION SWIVELS

- LC50*1 Single Swivel Socket
- LF50*1 Female Single Swivel Socket Member
- LM50 Male Single Swivel Socket Member

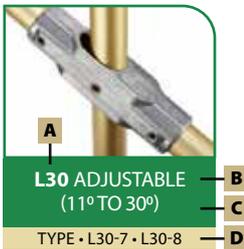
- LC51 Double Swivel Socket
- LM51 Male Double Swivel Socket Member
- LC52 Corner Swivel Socket
- LM52 Male Corner Swivel Socket Member

TEES

- L10 Single Socket Tee
- L19 Adjustable Side Outlet Tee 60°-200°
- L21 Side Outlet Tee 90°
- L25 Three Socket Tee
- L29 Single Socket Tee 30°- 60°
- L114 Swivel Tee
- L321LH Left Hand Level to Sloping Down Side Outlet Tee 30°- 45°
- L321RH Right Hand Level to Sloping Down Side Outlet Tee 30°- 45°
- L325 Level to Sloping Down Tee 30°-45°
- L325A Level to Sloping Up Tee 30°- 45°
- L427 Three Socket 30°- 45°

GASKETS

Neoprene Flange Gasket



- A** Fitting
- B** Description
- C** Angle
- D** Type:
Fitting-Size/Number of fixing holes

L30 ADJUSTABLE
(11° TO 30°)
TYPE • L30-7 • L30-8

Fitting (Ref.)	Nom. bore (mm)	Tube diameter	
		(o.d. mm)	(i.d. mm)
6	25mm	33.7mm	35mm
7	32mm	42.4mm	43.5mm
8	40mm	48.3mm	49.5mm
9	51mm	60.3mm	61.5mm

GASKETS

BS6180:1999 (specification for guardrail in and around buildings) states that when Aluminium comes into contact with concrete the aluminium surface should have at least 2 coats of Bituminous paint applied.

The simple alternative is to use a standard Kee Lite rubber gasket.

LG58	LG62-7	LG68-8	LG70-7
LG152-6	LG61-6	LG62-8	LG69-7
LG70-8	LG152-7	LG61-7	LG68-6
LG69-8	LG148-9	LG152-8	LG61-8
LG68-7	LG70-6	LG150-8	LG164-8
LG62-6			



YOUR GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS



L21 SIDE OUTLET TEE
(90°)

TYPE • L21-6
• L21-7 • L21-8



L25 THREE SOCKET TEE

TYPE • L25-6 • L25-7
• L25-8 • L25-9



L26 TWO SOCKET CROSS

TYPE • L26-6 • L26-7
• L26-8 • L26-9



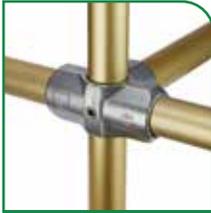
L29 SINGLE SOCKET TEE
(30° - 60°)

TYPE • L29-7
• L29-8



L30 ADJUSTABLE CROSS
(30° TO 45°)

TYPE • L30-7 • L30-8



L35 THREE SOCKET CROSS

TYPE • L35-6 • L35-7
• L35-8



L40 FOUR SOCKET CROSS

TYPE • L40-7 • L40-8



L45 CROSSOVER

TYPE • L45-6 • L45-7
• L45-8



L46 COMBINATION SOCKET TEE AND CROSSOVER

TYPE • L46-6



LC50 *1 SINGLE SWIVEL SOCKET

TYPE • LC50-66 • LC50-77
• LC50-88



LF50 FEMALE SINGLE SWIVEL SOCKET MEMBER

TYPE • LF50-6
• LF50-7 • LF50-8



LM50 MALE SINGLE SWIVEL SOCKET TEE

TYPE • LM50-6 • LM50-7
• LM50-8



LC51 DOUBLE COMBINATION SOCKET

TYPE • LC51-666
• LC51-777 • LC51-888



LM51 MALE DOUBLE SWIVEL SOCKET MEMBER

TYPE • LM51-6 • LM51-7
• LM51-8



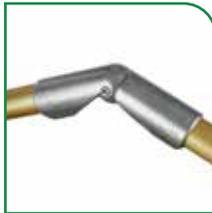
LC52 CORNER SWIVEL SOCKET

TYPE • LC52-666
• LC52-777 • LC52-888



LM52 MALE CORNER SWIVEL SOCKET MEMBER

TYPE • LM52-6
• LM52-7 • LM52-8



LB54 ADJUSTABLE ELBOW 45° - 200°

TYPE • LB54-66
• LB54-77 • LB54-88



L55 OBTUSE ANGLE ELBOW

TYPE • L55-7
• L55-8



L55A VARIABLE ELBOW
(11° - 30°)

TYPE • L55A-7
L55A-8



L56 ACUTE ANGLE ELBOW
(30° - 45°)

TYPE • L56-7
• L56-8



L56A ACUTE ANGLE ELBOW 11° - 30°

TYPE • L56A-7
• L56A-8



LC58 *1*2 SWIVEL FLANGE

TYPE • LC58-6
• LC58-7 • LC58-8



LM58 SWIVEL FLANGE PLATE

TYPE • LMS58



L61 *3 FLANGE

TYPE • L61-6
• L61-7 • L61-8



L62 STANDARD RAILING FLANGE

TYPE • L62-6
• L62-7 • L62-8

YOUR GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS



WARNING!

- *1 **LC50 Single Swivel Socket, LF50 Female Single Swivel Socket Member and LC58 Swivel Flange** Swivel fittings are not designed to resist bending loads. A structure should not be designed entirely of swivel fittings as they will not provide sufficient stability for the structure.
- *2 **LC58 Swivel Flange** This fitting is not recommended for use as a base flange to support guardrail or balustrades.
- *3 **L61 Flange** It is not recommended for use as a base flange to support guardrail or balustrades (see Type L62).
- *4 **L70 Rail Support** Type L70 fittings are not designed to be used as base flanges for full height guardrails or handrails.

Modular GRP

GRP Modular Handrailing System – 50mm diameter (40NB) 5000mm lengths as standard.

- All modular components are available in Grey (RAL 7037) or Yellow (RAL 1023)
- Meets the required standard for Flooring and Handrails for General Duty (0.36Kn/m) and BS4592:0 2006+a1 2012 Industrial
- Tested based on a standard 1100mm High Upright with Bay Centre's at 1250mm



BST50Y GRP Tube 50mm O/D



BS101Y 3 Way Tee
NOT SUITABLE for joining tube



BS104Y 3 Way Long Tee
SUITABLE for joining tube



BS116Y 4 Way Corner



BS119Y 4 Way Cross



BS124Y 120° Elbow



BS125Y 90° Elbow



BS128Y 3 Way Corner



BS129Y 60° 3 Way Tee



BS130Y 60° 4 Way Cross



BS132Y Square Post Base



BS141Y Side Fit Base

YOUR GUIDE TO BALUSTRADE AND WALKWAY PRODUCTS



BS148Y P Joint



BSRA90Y Right Angle Bend



BSUJY Universal Joint Connector



BSU3WY Universal 3 Way



BSU4WY Universal 4 Way



BSSPIGY Spigot



BSTPY GRP Profiled Toeplate
150x15x3mm



BSTR1Y Triangular Post Base



BSENDPOSTY Pre-Assembled
End Post
x 1100mm High



BSMIDPOSTY Pre-Assembled
Mid Post
x 1100mm High



BSCORPOSTY Pre-Assembled
Corner Post
x 1100mm High



BSRUBP 5mm Rubber Base
Foot Pad (Black)



BSENDCAP Tube End Cap
(Black)



STCONBOLT Stainless Steel
Connection Bolts



STM10BOLT Stainless Steel
M10 Base Feet Connectors

Grey components are denoted with a G in the code i.e. **BST50G** instead of **BST50Y** for Yellow. All components come with **STCONBOLTS** only.

GRP Lends itself perfectly to be used as a handrailing due to it being strong, durable, and warm to the touch. It is lightweight enabling easy transportation around sites and is fitted with no specialised tools ensuring quick installation. Our GRP Handrailing is ideal for long term or temporary installations.

Technical Notes for GRP Handrailing

BS129Y / BS129G - (60 deg 3 Way Tee)

All tubular cut ends to be inserted into these fittings must be cut to 60° to ensure secure fitting. It is not recommended to use this fitting to join lengths of handrailing tube - use the tubular spigot.

BS130Y / BS130G - (60 deg 4 Way Cross)

All tubular cut ends to be inserted into these fittings must be cut to 60° to ensure secure fitting.

STCONBOLT

This M6 bolt set will fit all the fittings. All fittings have a pre-moulded indent for correct positioning of drilling of holes for inserting into fittings and tube. The side of the fitting taking the bolt is drilled to take the M6 bolt shank and the bolt head fits within the pre-moulded recess. The side of the fitting taking the nut requires a 9mm dia hole passing through both the fitting and the inserted tube so that the recessed nut fits within the pre-moulded recess in the fitting. In this way both fitting heads will be recessed into the fitting eliminating any exposed edges that may cause users to snag or catch clothing etc.

BSU3WY / BSUSWG - (Universal 3 Way)

The fitting is made up of 3 parts, the universal sleeve connectors plus the universal connector that fits over the tube.

Two bolts are required to join the sleeve and the universal connector. As per the notes on the universal connector fitting, the universal joint connectors can be adhesive bonded or bolted to the tube.

BSU4WY / BSU4WG (Universal 4 Way)

The fitting is made up of 4 parts, a pair of universal sleeve connectors plus a pair of universal connectors that fits over the tube. Bolts are required to join the sleeve and the universal connectors. As per the notes on the universal connector fitting, the universal joint connectors can be adhesive bonded or bolted to the tube.

BS141G/Y / BS132G/Y / BSTRIG/Y – (Square, Triangular and Side Post Bases)

A post will fit into the post base and should be secured using our M10 bolt with washers and nut. There are no pre-moulded indents to show where the holes are to be drilled so they can be drilled at any convenient position using a 10mm HSS drill bit. The pre-moulded holes that are used to connect the base foot to the supporting structure are 13mm dia to take M12 bolts. **The type of anchor bolts used should be suitable for the supporting substrate/structure is down to the customer to verify for themselves, and the suitable bolts meet with their requirements.** We would advise spacer washers between the bolt head and the fitting to prevent any deformation of the fitting.

BS141Y / BS141G – (Side Fit Base)

Care is needed not to over tighten the anchor bolts which could cause the fitting to crack. We would advise spacer washers between the bolt head and the fitting to prevent any deformation of the fitting. **The type of anchor bolts used should be suitable for the supporting substrate/structure is down to the customer to verify for themselves, and the suitable bolts meet with their requirements.**

STM10BOLT

The base foot must be drilled with a 10mm HSS drill bit straight through base foot and the tube to install the bolt. The bolt must be inserted with the washer either side of the fitting between the bolt head/nut and fitting.

BSTPY / BSTPG (GRP Profiled Toeplate) – Pop rivets or other type of connection to be supplied by others.



For **GRP flooring**,
visit page 43





Innovative Flooring and Walkways

We take immense pride in presenting an array of cutting-edge products, designed to transform your projects.

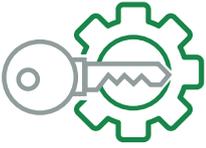
From robust Open Steel Flooring to the versatile GRP Flooring, and from sturdy Stair Treads to reliable Planking solutions, our product range caters to a diverse number of applications. Our products share key strengths such as unparalleled durability, exceptional load-bearing capabilities, and anti-slip surfaces, ensuring the upmost safety and ease in installation.

Our commitment to excellence is reflected not only in the quality of our products but also in our nationwide distribution network, ensuring prompt and reliable delivery. Our in-house Barrett Steel Safety and Access team are specialists in their area, ready to provide you with personalised support and guidance.

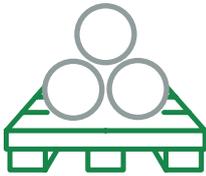
What we offer



Industry leading products



Full turnkey solutions



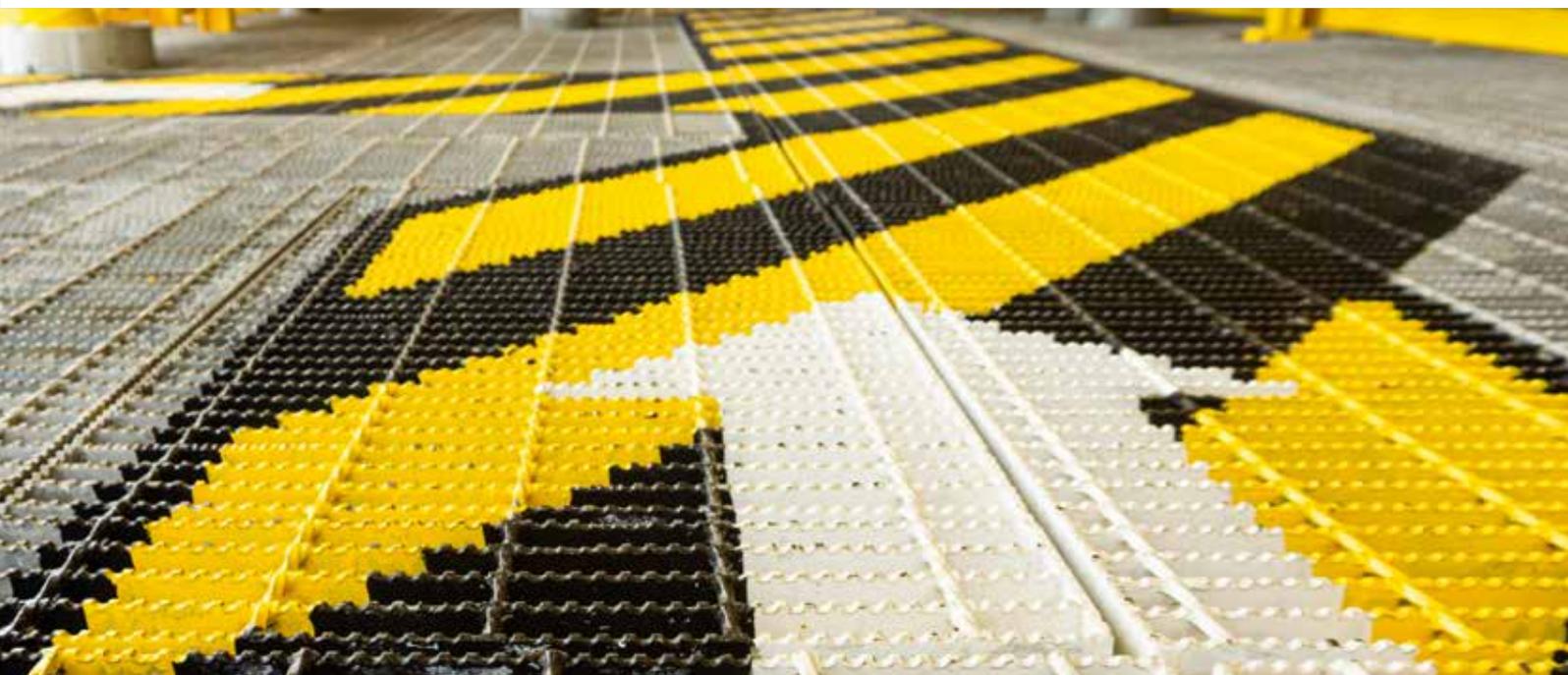
Trusted distribution partners



Complete flexibility

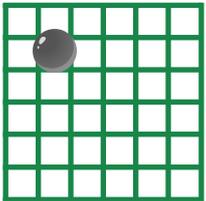
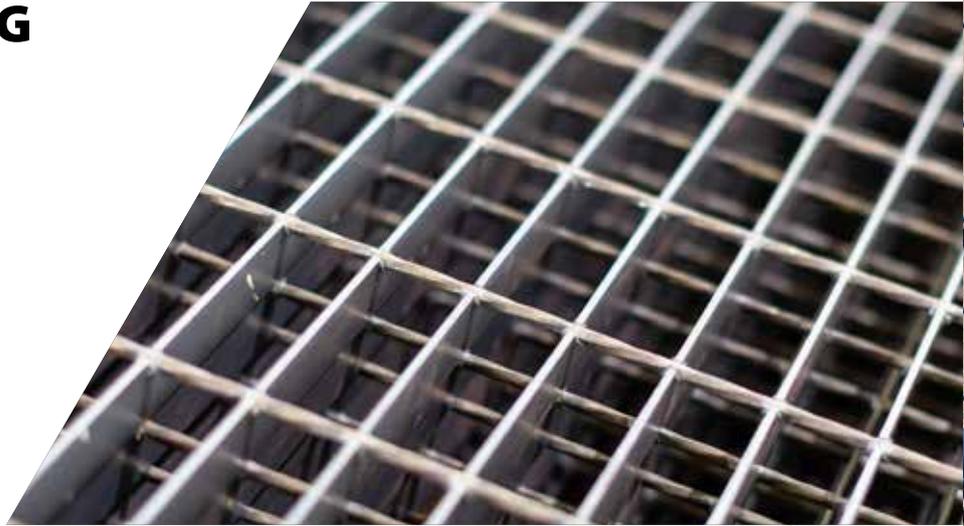


Technical expertise



OPEN STEEL FLOORING

Our range of open steel flooring is forge welded and designed for use in projects such as platforms, raised landings and walkways. This product lends itself to a wide range of applications including construction, infrastructure, manufacturing and agricultural projects. We offer an extensive range of depths and mesh patterns to suit your requirements. These are based on static and dynamic loadings in conjunction with the required clear span.



We can supply 35mm ball proof for platforms, walkways, and fire escapes as well as 20mm where there is constant traffic under the flooring or personnel working underneath. We offer depths of 25, 30, 40 and 50mm and options of 3 or 5mm thick. We can offer Standard panels of 41/100, 6m x 1m ex stock from depots across the UK.



Available in a wide range of finishes including selfcolour, galvanised and stainless steel. A drawing service is available complete with a full listed bill of materials for your project. Fabrication services allow for any of our open grid flooring panels to be cut, notched, and finished to your specifications.



We offer a wide range of flooring clips. All bolts and nuts are supplied with a galvanised finish. Other finishes available on request.



Surface edging available in plain or serrated finish (where higher slip resistance is required).

Sizes available from stock listed below. Additional sizes can be accommodated upon request.

Weight	Bar (mm)	Pitch Size (mm)	Standard Panel	Finish
90kg	25x3mm	41/100mm	6mx1m	Self-colour
156kg	25x5mm	41/100mm	6mx1m	Self-colour
97kg	25x3mm	41/100mm	6mx1m	Galvanised
167kg	25x5mm	41/100mm	6mx1m	Galvanised
114kg	30x3mm	41/100mm	6mx1m	Galvanised
196kg	30x5mm	41/100mm	6mx1m	Galvanised
151kg	40x3mm	41/100mm	6mx1m	Galvanised
257kg	40x5mm	41/100mm	6mx1m	Galvanised



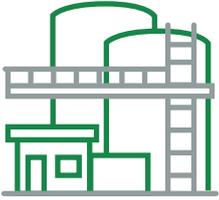
Data sheets available with full technical specifications on request

*Please note that Galvanised weight is approx. 7% added to self-colour weight.

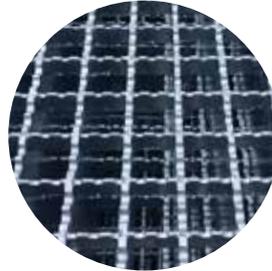


PRESSED IN GRATINGS

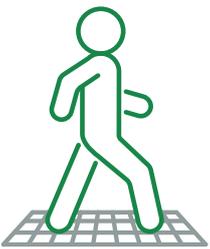
Pressed in grating is particularly suitable for architectural applications but can also be found within industrial and engineering sectors.



Used in the industrial and civil engineering sectors and are especially suited for all types of architectural applications.

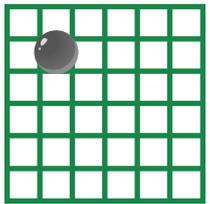


This grating can be supplied in various depths and thicknesses with top surface edging options of plain, serrated or double serration.



This products versatility enables it to be used for walkways, platforms, building facades and sun screens.

Available in a wide range of finishes including self-colour, galvanised, stainless steel and aluminium.



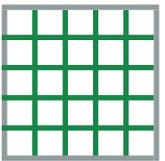
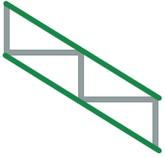
We can supply 20mm and 35mm ball proof with standard panels of 3m x 1m. Fabrication service also available to your specifications.



Data sheets available with full technical specifications on request

STAIR TREADS

Forge welded treads are manufactured in the same types of steel gratings used for platforms, landings and walkways. Standard features include serrated and perforated nosing bars to the leading edge and welded end plates.



Our load-bearing structure can support bars with section sizes such as 25x3, 30x3 and 25x5, spanning distances of up to 1.2 metres.

Mesh centres available to suit your projects requirements. We offer standard pitch (41/100) 35mm ball proof and 20mm ball proof to optimise protection with widths of 250, 275 and 290mm.

We can also supply floor plate (Durbar® treads). For more information on floor plate, see page 49.

All our treads are designed to fulfil the requirements detailed in BS EN ISO 14122-3:2016 and BS4592.2006+A1;2012. Additional support may be required for treads that are over the specified widths.



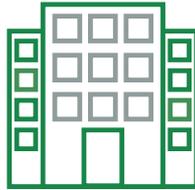
Data sheets available with full technical specifications on request



NOSING COVERS

We offer a wide range of nosing covers that can be retro fitted to our stair treads. These nosing covers provide additional grip to the leading stair tread edge. Our selection of Nosing Covers includes Octopus, Pyramid, Durbar® and GRP. Each type of Nosing Cover provides a unique combination of functionality and aesthetics to suit your needs.

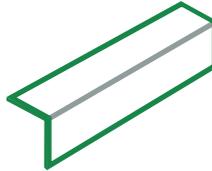
Octopus Nosing



Used in industrial settings such as warehouses and factories.

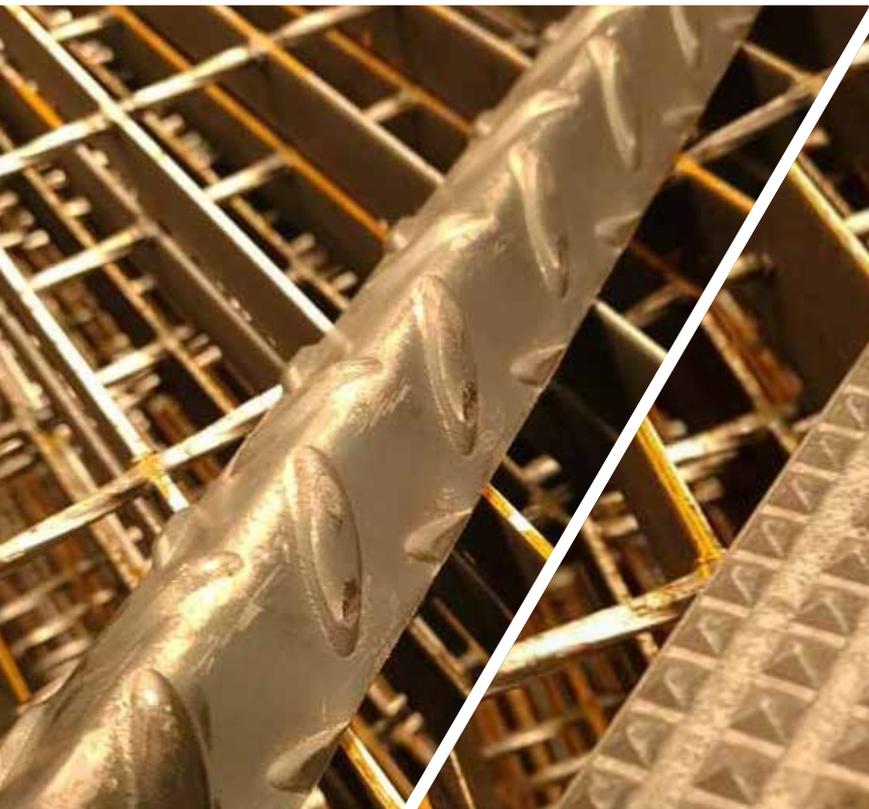


Often used in high footfall spaces including pedestrian walkways, commercial buildings, hospitals, and office complexes.



We can supply in 6m lengths separately or pre-fabricated with stair treads.

Floor Plate Nosing



Pyramid Nosing



Data sheets available with full technical specifications on request

GRP FLOORING (GLASS REINFORCED PLASTIC)

The GRP Flooring we provide is a high performance isophthalic composite grating system that comes in many variations of surface finish and mesh types to suit your application. The range includes:

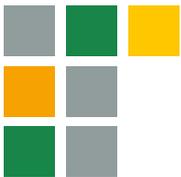
- **Gritted Top**
- **Concave Top (Ungritted)**
- **Covered / Solid Top**
- **Micro Mesh (20mm Ball Proof)**
- **Heavy Duty**

Resin types available Isophthalic polyester, Vinylester, Orthophthalic

There are various standard thicknesses from 13 to 50mm and typically these come in standard panel sizes of:

- **3664mm x 1226mm (3.6m x 1.2m)**
- **3000mm x 1000mm (3m x 1m)**
- **2000mm x 1000mm (2m x 1m)**

Aside from our standard panels we can offer bespoke cutting and shaping on flooring to suit your requirements.



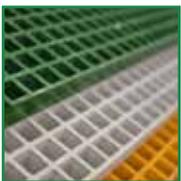
GRP Grating – Grey, green and yellow

Micro mesh – Deep sand and grey

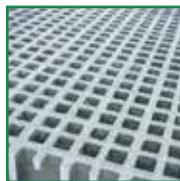
Solid top – Green and grey



In addition to a wide range of colours we can also offer phenolic Pultruded GRP gratings upon request.



Gritted



Micro mesh



Solid top



Data sheets available with full technical specifications on request



GRP SHEET

We supply flat gritted sheet which provides a quick and simple solution for anti-slip flooring.

- Our GRP Sheets provide a cost effective , high traction solution for pedestrian or vehicle areas that may regularly become wet. Key benefits of this product are that it has high impact resistance, is non-conductive, will not rust or corrode and is suitable for both pedestrian and vehicle traffic.
- Used within many sectors (industrial, leisure, public sector) to provide a safe walkway for visitors.
- Thickness ranges from 3mm to 10mm and we can offer variable surface profiles ranging from Fused Alumina to Quartz or Bauxite (to special order). Fine, medium or coarse finishes available.
- Its features include a large colour range (BS, RAL or colour match) and can be cut to suit required dimensions.
- It also offers UV and chemical resistance. A choice of fire rated resins can be supplied along with the option of logo application.



Data sheets available with full technical specifications on request

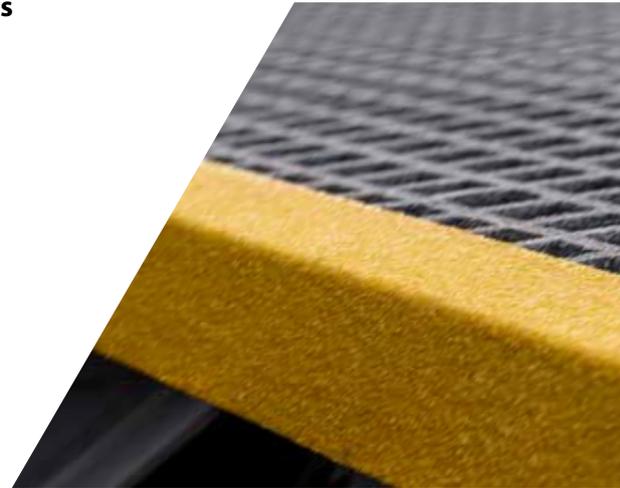


Black, yellow, grey and bespoke colours available on request

GRP TREADS, NOSING COVERS AND KICK FLATS

GRP Treads, Kick flats and Nosings can be added to any walkway project, adding that finishing touch. Kick Flats prevent any debris or items from falling off a raised platform preventing injuries. Whereas our stair treads and nosing are ideal for adding extra visibility and grip to stairways.

- GRP Treads and Nosing are ideal for contrasting the edges of staircases accessible to members of the public. They create an anti-slip solution that is affordable and stylish.
- We can also supply additional finishing such as the application of Kick Flats which are perfect for elevated gantries and walkways.

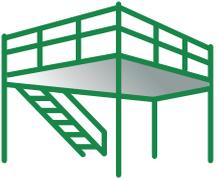


Data sheets available with full technical specifications on request

PERFORATED PLANKING



Perforated Metal Planks offer high slip resistance, creating a safer working environment. They offer high strength to weight ratio, drainage, and cater for flooring where bigger spans are required.



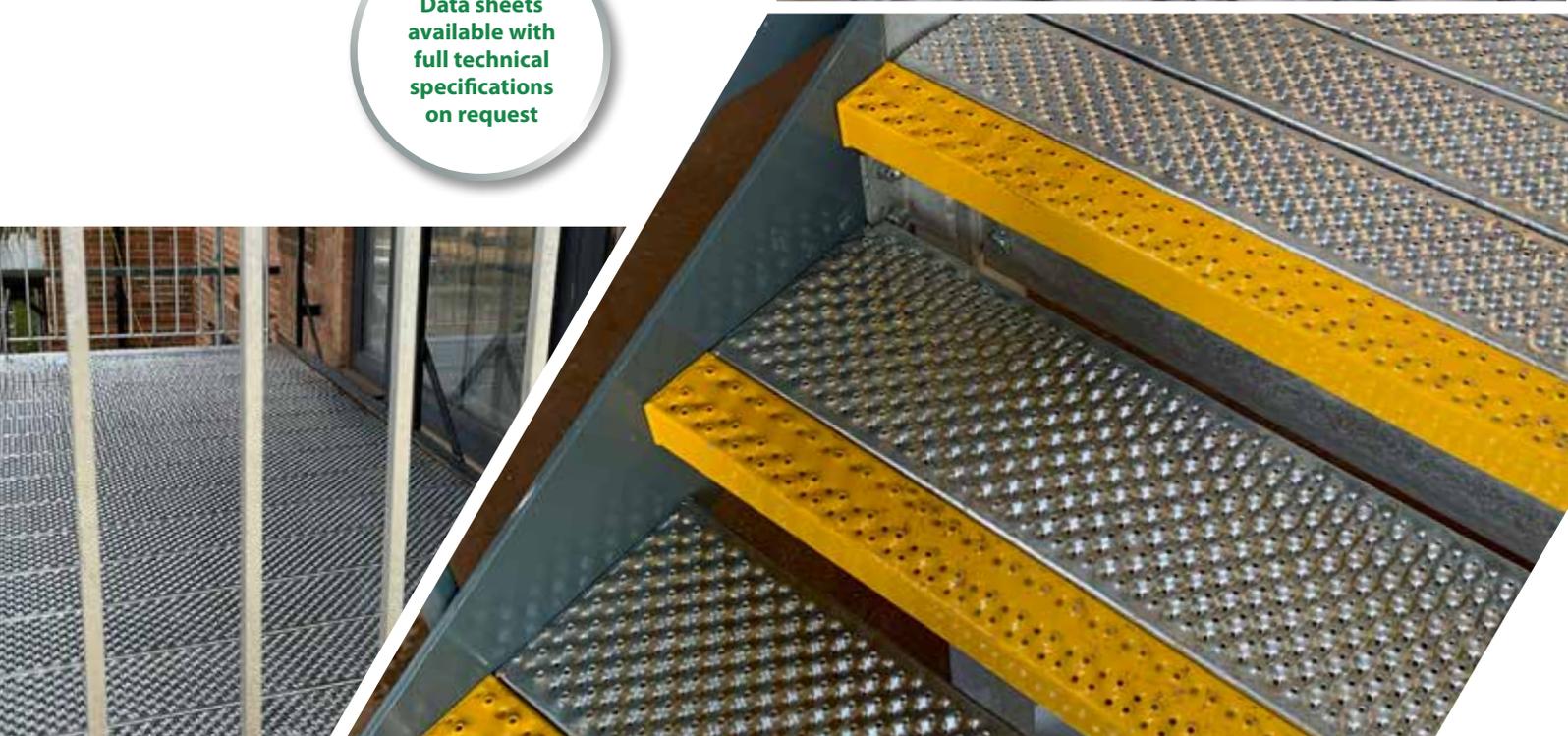
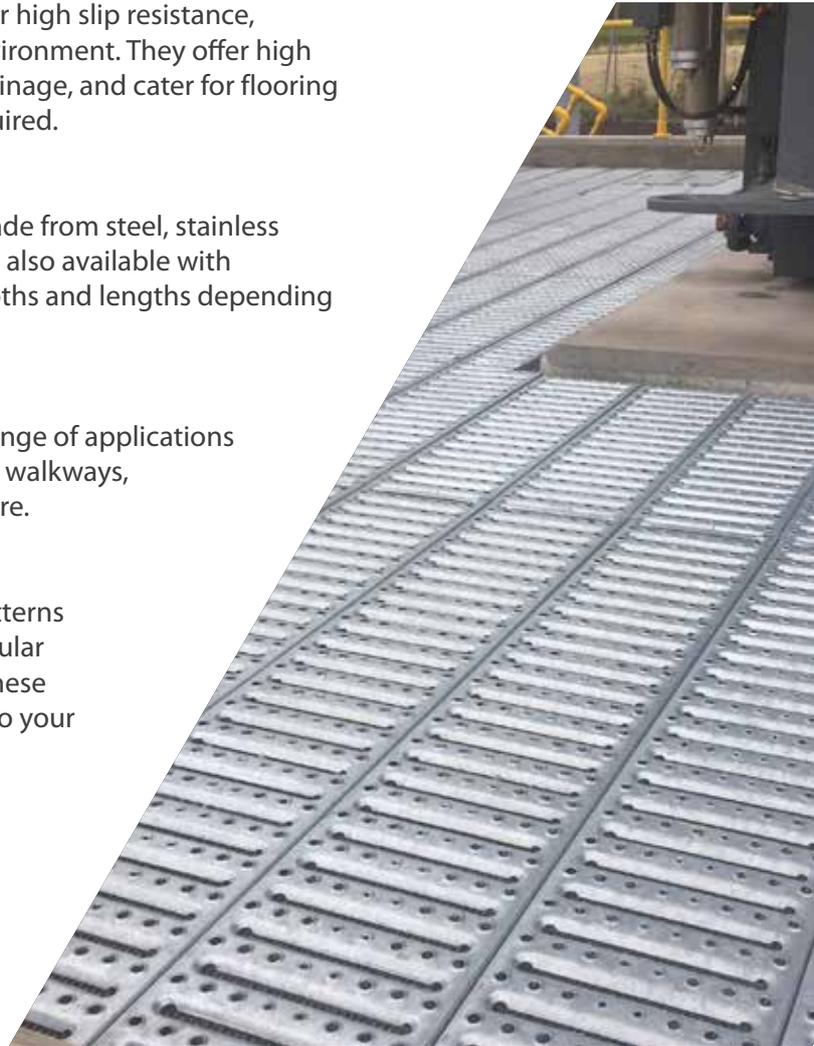
Perforated Planks can be made from steel, stainless steel or aluminium. They are also available with different tread patterns, depths and lengths depending on project requirements.



We have a wide range of patterns available with the most popular being BN-OP5, BN-OP, BZ. These can be supplied fabricated to your requirements.



Data sheets available with full technical specifications on request



VARIETIES OF PLANKING WE OFFER

BN-OP5 Planking

Heel Proof with a 5mm upward and downward hole offering a good level of slip resistance. Predominantly used in public access environments such as foot bridges, fire escapes, ramps for schools, hospitals, and railways. This plank can take a higher loading where there is more foot traffic.



BZ - Serrated Planking

This profile offers a high degree of slip resistance due to the distinctive profiling surface. It is suited and used in many sectors where high slip resistance is required and free flowing drainage, including environments where fats and oils are used.



BN-OP Planking

With a 7mm upward hole for slip resistance and a 7mm downward hole for drainage. This plank is used more in an industrial environment, such as staircases within factories.



BN-G Planking

The BN-G plank is generally offered as an alternative to chequer plate. It has higher slip resistance properties due to the solid raised hole and the remaining of the plank is solid. This is used where the application doesn't require water or liquids to fall through the grating.



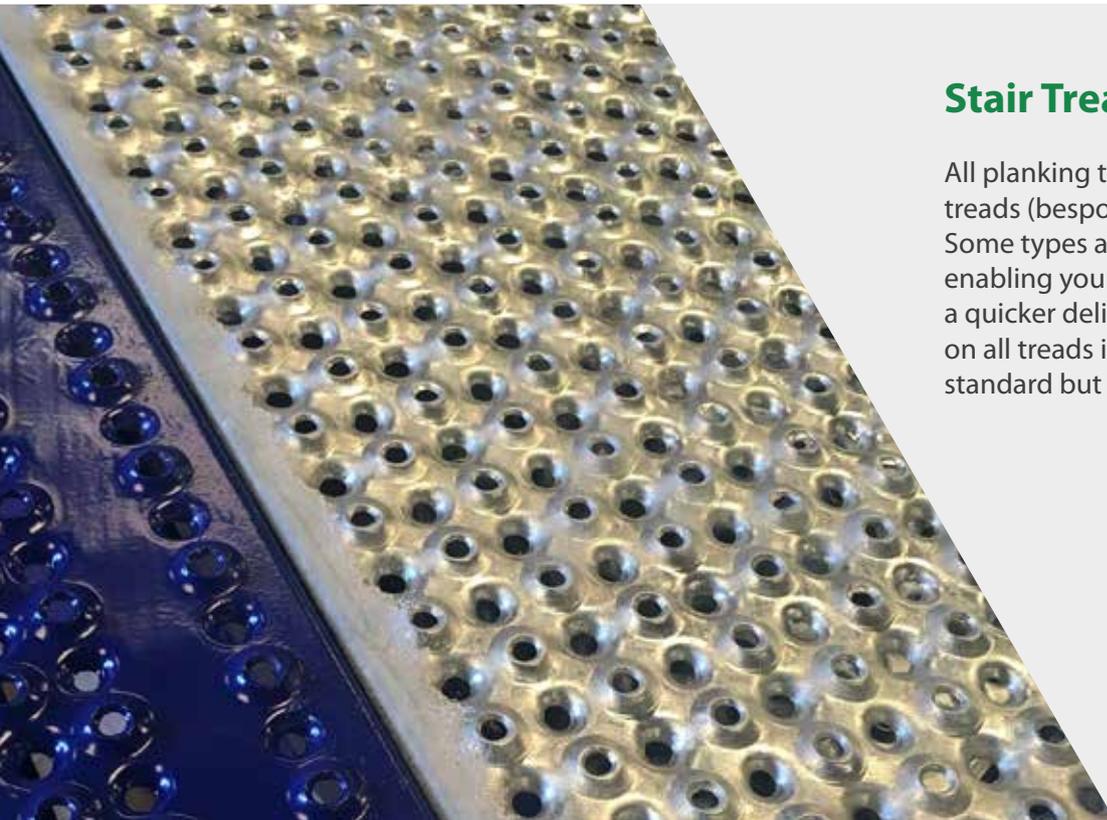
BR Planking

The BR plank is used when concentrated loads are applied to small contact surfaces, for example passenger car trafficability on access ramps or car parks. BR planking is suitable where there is a requirement for large spans and can be manufactured up to 10m long.



BP Planking

BP Planks are characterised by their smooth line profiling and high load capacity. This plank is frequently used when large areas have to be covered in industrial scenarios especially where demands of higher loadbearing capacity is required. BP can also be supplied without holes, and therefore ideal for use in the shelving sector. It is suitable where there is a requirement for large spans and can be manufactured up to 10m long.

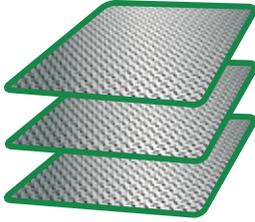


Stair Treads

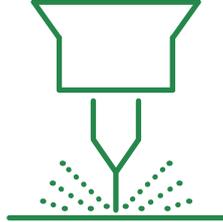
All planking types are available in stair treads (bespoke and made to order). Some types are available in 6m lengths enabling you to fabricate yourself for a quicker delivery. A rear riser plate on all treads is an option. This is not standard but an additional extra.

FLOOR PLATE (KNOWN AS DURBAR® / CHEQUER PLATE)

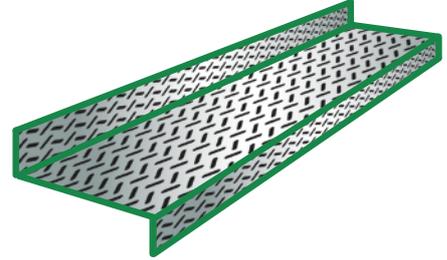
As part of our wider general steel stock range, we stock a wide range of floor plate ex stock across our UK depot network. This can either be supplied as:



Standard sheets

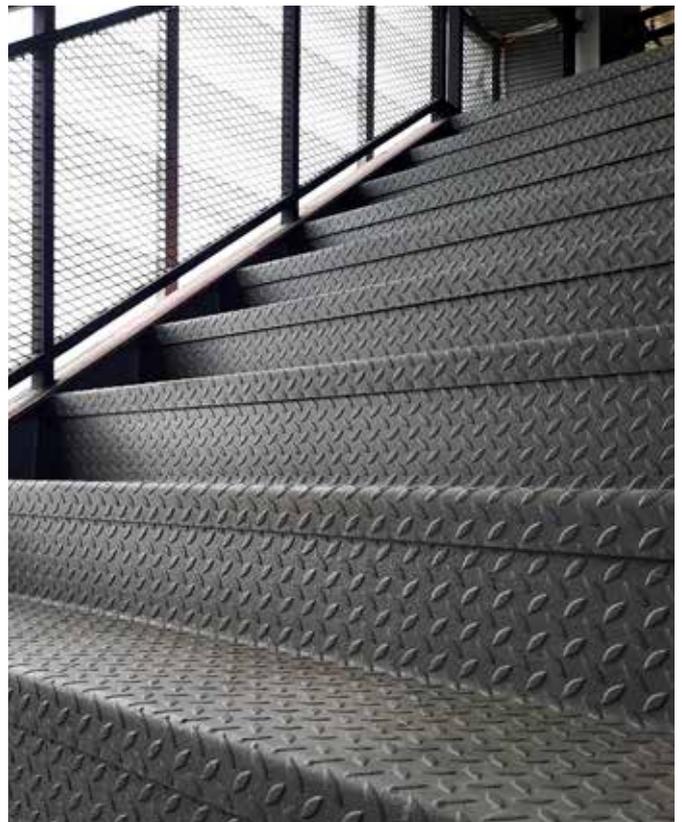
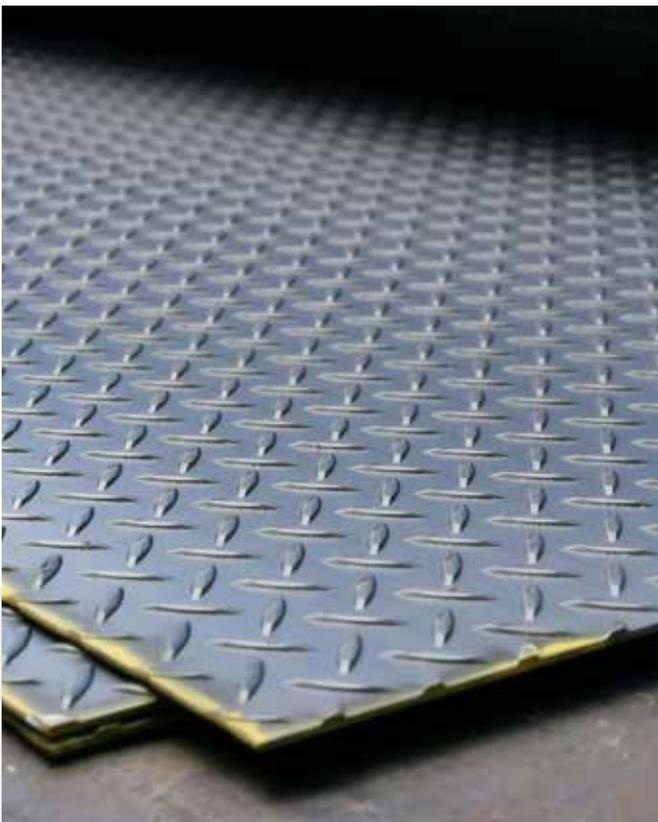


Profile cut to size



Pre-folded treads

Thickness (mm)	Weight (kgm2)	2000 x 1000	2500 x 1250	3000 x 1500
3mm	27.50kgm2	✓ In stock	✓ In stock	
4.5mm	39.90kgm2	✓ In stock	✓ In stock	✓ In stock
6mm	52.00kgm2	✓ In stock	✓ In stock	✓ In stock
8mm	67.36kgm2	✓ In stock	✓ In stock	✓ In stock
10mm	83.17kgm2	✓ In stock	✓ In stock	✓ In stock
12.5mm	103.10kgm2	✓ In stock	✓ In stock	✓ In stock



There are many names for floor plate, these include diamond plate, mild steel chequer plate, steel tread plate and Durbar®. Whatever you call it, this is the metal you need when slip-resistance is a must. Well utilised in construction and fabrication projects, treadplate is a time-served favourite when it comes to safety underfoot.

Health and safety are always one of the most crucial considerations when it comes to construction, which is why floor plate is always in demand. It's instantly recognisable by the smart, repetitive pattern of five-bar diamonds or lines. You've probably stepped over steel tread plate on walkways, stairs and in lifts. It's popular because it's safe and self-draining. Not only that, but it's also easy to clean, keeping corrosion at a minimum and making it ultra hard-wearing. In fact, diamond plate is so aesthetically pleasing that it is often used for walls and floors in a non-industrial setting. Also known as Durbar® plate and checker plate, this mild steel sheet is a construction must-have. Like all our metals, we can custom cut our tread plate to provide you with precisely what you need.

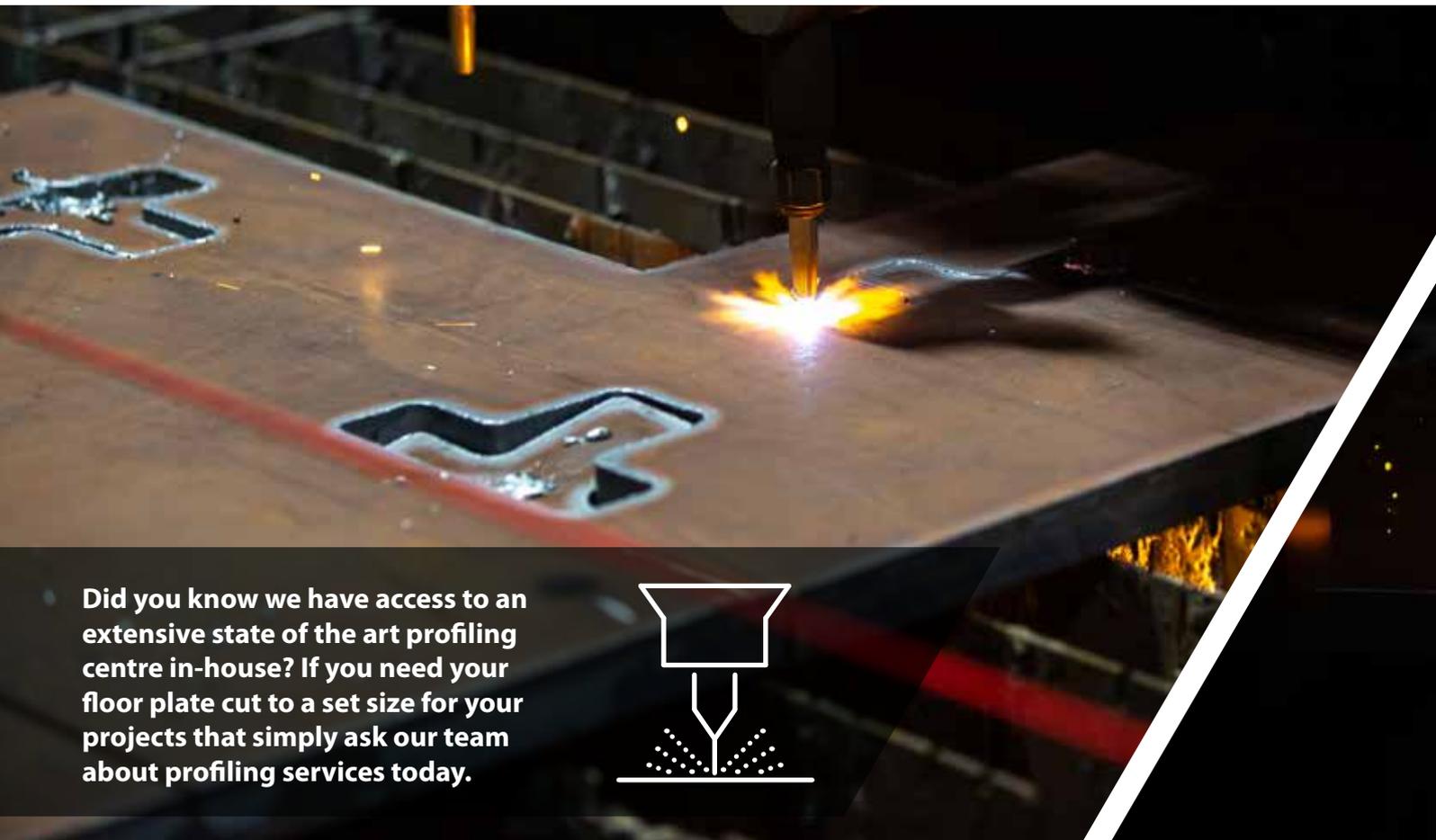
The raised pattern of lines, five bar chequers or diamonds that gives this metal its edge is embossed on to one side of the mild steel plate, leaving the

reverse completely flat. This happens through a hot rolling process, which, through a combination of pressure and heat, permanently stamps the design into the metal's surface.

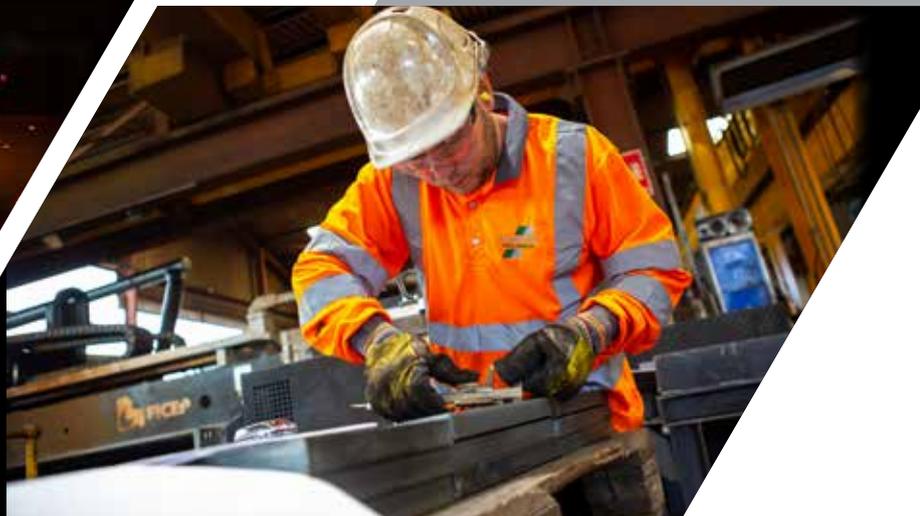
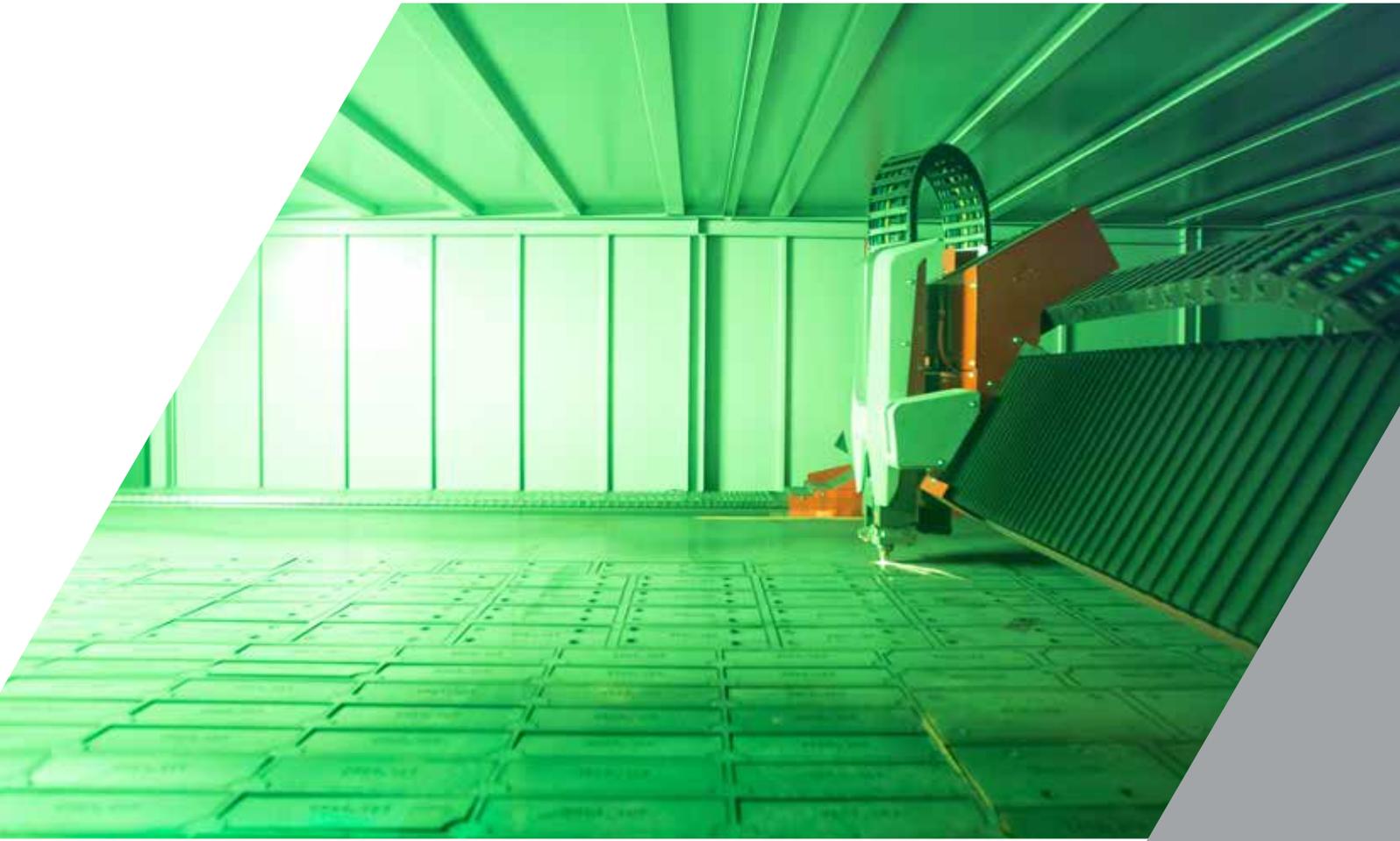
Good for: Stairs, walkways, platforms, construction sites, bridges, ramps, play equipment, containers, lifts, shipbuilding, offshore installations, commercial vehicles, cladding and anywhere else that requires a non-slip surface underfoot.

Our dedicated centre based in Rotherham South Yorkshire has a whole scope of machinery on-site including Laser, Plasma, Gas and Drill machines. Our expert team have over 170 years of combined experience in the field to offer you the best service first time. With access to over 2,000 tonnes of stock on site, combined with the power of the UK's biggest steel stockholder, our in-house service can meet all your needs. The Profiling Division has recently invested £1 million in a brand-new state of the art 10kw Fibre Laser to bolster its processing power.

We also offer CE Marking up to execution class 4 for quality and traceability.



Did you know we have access to an extensive state of the art profiling centre in-house? If you need your floor plate cut to a set size for your projects that simply ask our team about profiling services today.





Your Guide to Barriers, Gates, and Ladders

We understand that whether you are building a walkway at ground level or at height, safe access is incredibly important. At Barrett Steel Balustrade and Walkways, we work hard to source the widest range of barrier, gate, and ladder products to suit all your needs.

As a business, we can deliver barrier solutions on projects at any elevation. Whether you are looking for Armco Barriers for car parks, loading bays or access ramps at ground level, gates and ladders for stairways and changes in elevation or you require a high-quality working at height solution.



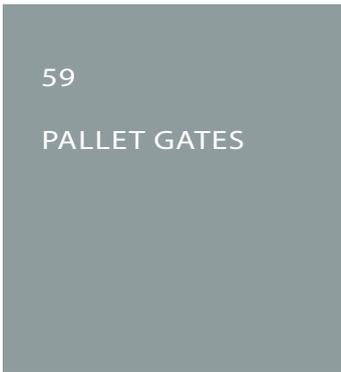
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SELF-CLOSING
GATES



57

KEE GATE®
SELF-CLOSING
GATES



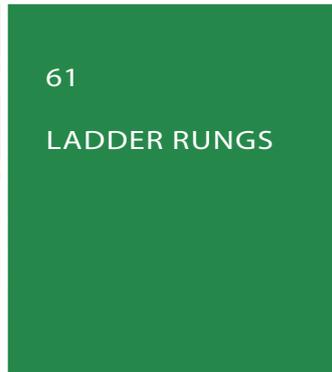
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PALLET GATES



61

LADDER RUNGS



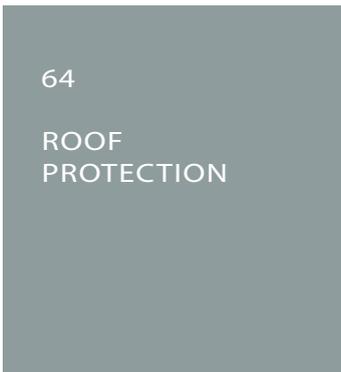
62

GRP VERTICAL
ACCESS LADDERS



63

STEEL VERTICAL
ACCESS LADDERS



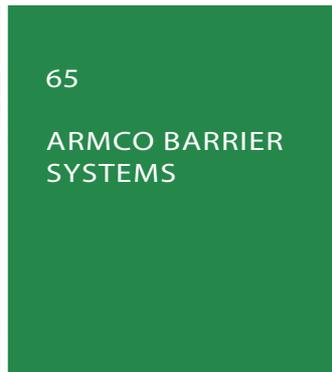
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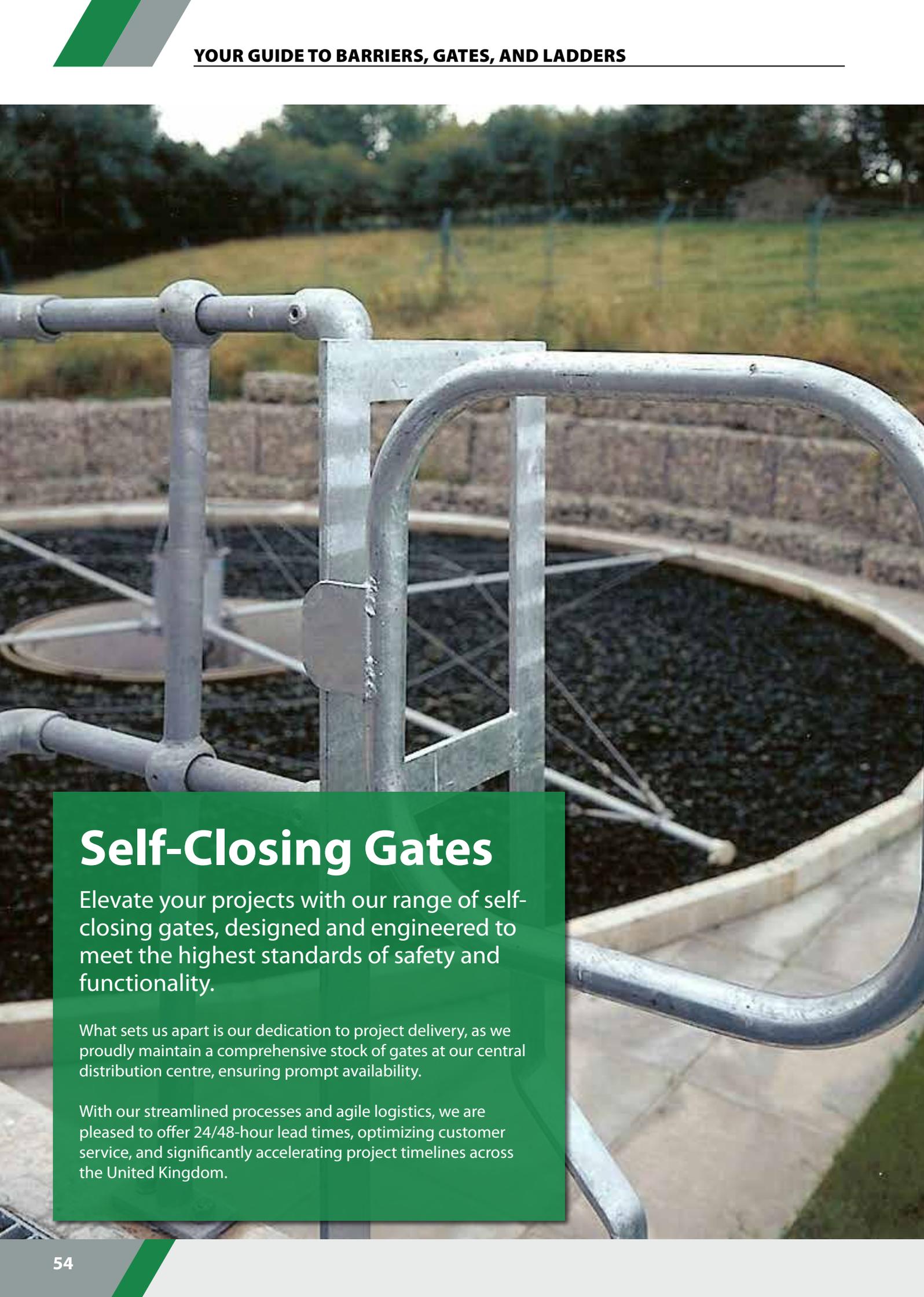
ROOF
PROTECTION



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ARMCO BARRIER
SYSTEMS





Self-Closing Gates

Elevate your projects with our range of self-closing gates, designed and engineered to meet the highest standards of safety and functionality.

What sets us apart is our dedication to project delivery, as we proudly maintain a comprehensive stock of gates at our central distribution centre, ensuring prompt availability.

With our streamlined processes and agile logistics, we are pleased to offer 24/48-hour lead times, optimizing customer service, and significantly accelerating project timelines across the United Kingdom.

Self-closing safety gates allow safe access on or off an area with a barrier protection system.

Our gates are essential to providing protection where access could lead to an area of fall or danger such as access to a ladder or to prevent access to a restricted area. Self-Closing gates close by means of a sprung top hinge and are usually installed between two Handrail Uprights as shown below.

They are installed by either being welded or bolted to one standard and close against a latch plate on the second upright.

Our half gates are available from stock at 730mm x 550mm to suit 25NB. Bespoke gates (half and full) are available to order on request and in a range of finishes including self-colour or galvanised in the following tube sizes:

- 25mm nominal bore tube (33.7mm dia)
- 32mm nominal bore tube (42.4mm dia)
- 40mm nominal bore tube (48.3mm dia)



Fabricated platform showcasing an installed Half and Full Height gate.



Self-Closing Full Height Gate



Self-Closing Half Gate

Self-closing gate hinge kits are also available separately to our gates.

Our hinge kits turn handrail sections into a functioning self-closing gate. The spring barrels come in a galvanised finish and comply with EN ISO 1461 standards. Please ask the team for pricing and details.



KEE GATE® SELF-CLOSING GATES



Kee Gate® self-closing safety gates are ideal for protecting access and egress on rooftops and in industrial environments. These can be supplied as single, single full height or double gates.

The gates have been designed to easily fit to new or existing structures wherever a gate is required. Each safety gate is spring loaded, so it automatically closes behind the user.

This overcomes the potential for human error that is often associated with traditional forms of protection such as chains or bars where incorrect usage can lead to the creation of a hazardous void.

Compliance

Kee Gate® safety gates are compliant with EN ISO 14122 Parts 3 and 4 Safety to Machinery. Permanent means of access to machinery, EN13374 Temporary edge protection systems. and OSHA standards.

The gates are also CE marked for assured and safe operation.

Additionally, the Kee Gate® Full Height Gate is designed to comply with BS 4211: Specification for Permanently Fixed Ladders, which requires gates on ladders to offer the same level of protection as EN 14122 compliant guardrail. Standing at 1100mm tall and featuring an aluminium toe board, it provides additional protection to those working at any level.

Materials

The gates are made from galvanised steel and can be supplied powder coated in RAL 1021 (Rapeseed Yellow) for extra visibility.

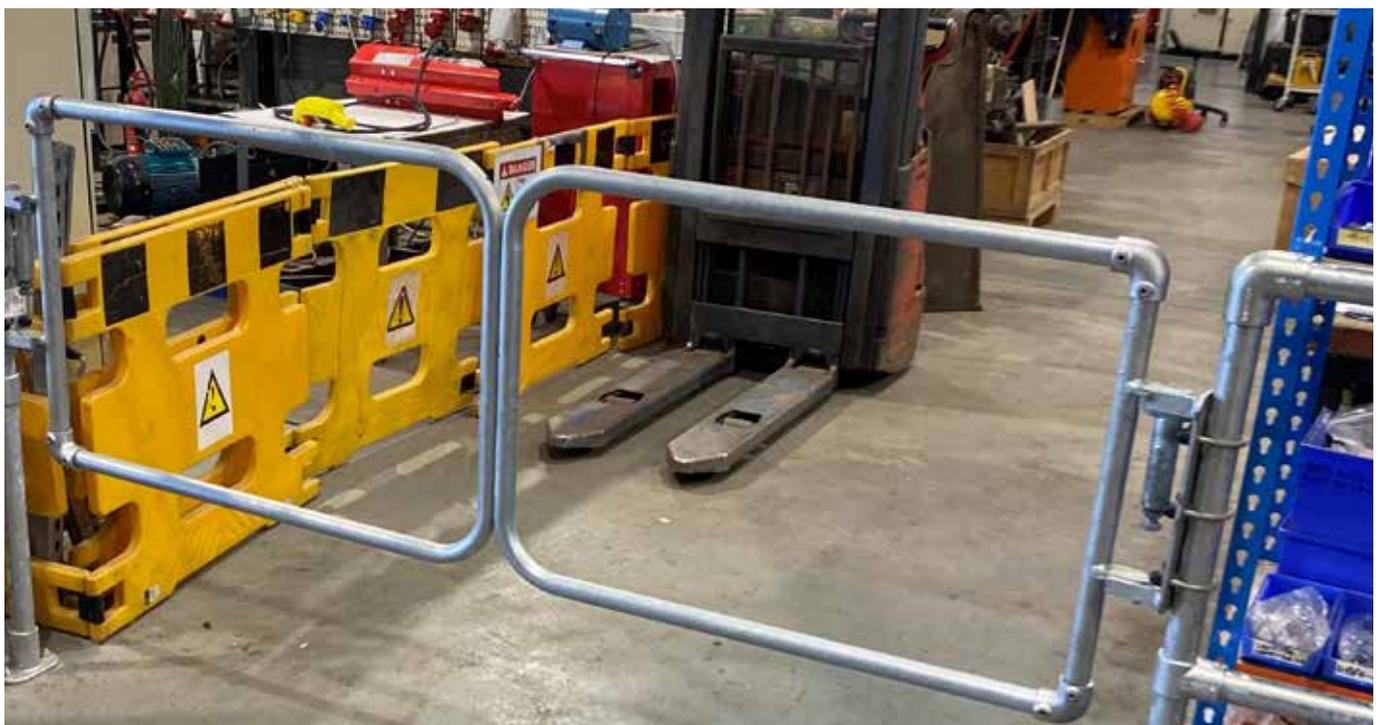
Easy Installation

Kee Gate® self-closing gates can be easily installed on new and existing systems and do not require exact measurements before purchasing.

The gates can be cut down to size on-site during install, to fit the required opening.



KEE GATE® SELF CLOSING SAFETY GATES



Features and Benefits

- ✓ Spring loaded to automatically close behind the user
- ✓ Standard 1m wide gate can be cut to size
- ✓ Requires no welding on site
- ✓ Reversible, hinges can be on the left or right hand side of an opening
- ✓ Can be retro-fitted to existing structures
- ✓ Can fit different surfaces (round or square)
- ✓ Hot dip galvanised or powder coated in safety yellow
- ✓ Can withstand loads up to 225Kg
- ✓ Life cycle tested to BS 6375-2:2009 Clause 6.5 – Opening and closing of Gate through 90 degrees 50,000 cycles without failure
- ✓ Salt spray tested to ASTM B117-11 Neutral solutions over 200 hours
- ✓ Industry compliant

KEE GATE® PIVOT PALLET GATES

Kee Gate® now incorporates a range of pallet gates into the portfolio, allowing safe working for employees on a mezzanine or raised working surface. The gates are designed to fit seamlessly into a guardrail or barrier and ensure there is continuous protection in place, while goods are being moved either up to, or down from the mezzanine.

Pallet gates are available in different configurations to suit the type of operation required.

Narrow Pallet Gate - Type B
 Max. load width: 1.48m x Max. load depth: 1.40m x
 Max. load height: 1.80m



Space requirements (excluding pallets):
 Width: 1.60m x Depth: 0.75m x Height: 2.08m

Wide Load Pallet Gate - Type D
 Max. load width: 1.90m x Max. load depth: 1.40m x
 Max. load height: 1.60m



Space requirements (excluding pallets):
 Width: 2.02m x Depth: 1.57m x Height: 2.01m

Tall Load Pallet Gate - Type C
 Max. load width: 1.48m x Max. load depth: 1.40m x
 Max. load height: 2.20m



Space requirements (excluding pallets):
 Width: 1.60m x Depth: 1.53m x Height: 2.50m

Pallet Gate with Weights - Type F
 Max. load width: 1.50m x Max. load depth: 2.00m x
 Max. load height: 2.50m



Space requirements (excluding pallets):
 Width: 2.10m x Depth: 2.41m x Height: 2.75m

- Compliant with EN 14122-3 : 2016 and OSHA requirements for assured safe operation
- Available in galvanised steel or aluminium, dependant upon customer requirements
- Built using KEE KLAMP and KEE LITE fittings, TÜV approved components for quality assurance
- No welded parts, so any damage can be easily repaired, keeping the gate operational
- Cycle tested to 50,000 openings for assured durability
- Salt spray tested for corrosion resistance (672 hours) to allow continuous operation, even in corrosive environments
- Minimal number of moving parts for lower maintenance
- Will be supplied part assembled to facilitate on site installation

*We can also offer pallet gates to suit larger loads.

Kee Gate® and Pallet Gate weights shown below.

Product Code	Description	Weight
Single Width Gates		
SGEU600GV	Single EU Gate - Galvanised	15.5Kg
SGEU600PC	Single EU Gate - Powder Coated	15.5Kg
Double Width Gates		
SGEUDP2GV	Double Gate - Pair of Gates - Galvanised	31Kg
SGEUDP2PC	Double Gate - Pair of Gates - Powder Coated	31Kg
Pallet Gates		
SGPGTYBG	Pallet Gate Type B - Galvanised	85Kg
SGPGTYBPC	Pallet Gate Type B - Powder Coated	85Kg
SGPGTYCGV	Pallet Gate Type C - Galvanised	125Kg
SGPGTYCPC	Pallet Gate Type C - Powder Coated	125Kg
SGPGTYDAL	Pallet Gate Type D - Aluminium	77Kg
SGPGTYFPC	Pallet Gate Type F - Powder Coated	180kg
SGPGTYFSC	Pallet Gate Type F - Self Colour	180kg
Full Height Gate		
SGEUFH1GV	Single Full Height EU Gate - Galvanised	22kg
SGEUFH1PC	Single Full Height EU Gate - Powder Coated	22kg



Features and Benefits

- ✓ Compliant with EN 14122-3: 2016 and OSHA requirements for assured safe operation.
- ✓ Available in galvanised steel or aluminium, dependent upon customer requirements.
- ✓ Built using Kee Klamp® and Kee Lite® fittings, TÜV approved components for quality assurance.
- ✓ No welded parts, so any damage can be easily repaired, keeping the gate operational.
- ✓ Cycle tested to 50,000 openings for assured durability.
- ✓ Salt spray tested for corrosion resistance (672 hours) to allow continuous operation, even in corrosive environments.
- ✓ Minimal number of moving parts for lower maintenance.
- ✓ Will be supplied part assembled to facilitate on site installation.

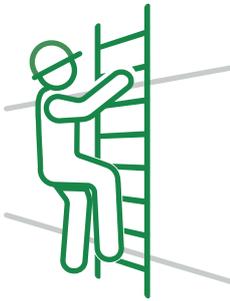


LADDER RUNGS

Our Perforated Steel Ladder Rungs are the perfect addition to ladders where anti-slip properties are required. They are designed with safety and slip resistance firmly in mind. Our Ladder Rungs can be supplied in self-colour mild steel, stainless steel, and aluminium finishes. Standard stock lengths of 800mm and 2000mm are available or cut to length on request.



Examples of industries that may require a ladder rung are rolling mills, mining applications or power generation plants. Ladder rungs can be a versatile solution and can be applied in any situation where additional traction is desired.



Our ladder rungs can be mounted to existing ladder struts or can be welded laterally to cross members or steel angles. When fitting ladder rungs with 25mm DIA, type LSP35 special rungs are recommended. For new ladder rungs we would recommend our LSP50 or LSP50R type.



Data sheets available with full technical specifications on request



LSP25SC

LSP35SC

LSP50SC

GRP ACCESS LADDER



In addition to the wide range of GRP Handrails (page 32) and flooring solutions we offer (page 43) we can also source and supply a range of GRP Access Ladders.

Our GRP Ladders can be supplied in any specification to any length up to 6 metres and can be equipped with safety cages and walk through hand holds. The access ladder stringers are pultruded for maximum strength and the ladder rungs have an anti-slip surface.

The rungs are both mechanically jointed and epoxy glued for long term durability and safety. Any ladder being utilised above 2.2 meters in height would require a cage for safety purposes.

GRP Ladders are Ideal for use in a wide range of sectors and environments including:

- **Chemical Plants**
- **Water & Waste Treatment Plants**
- **Marine & Offshore**
- **Petrochemical**
- **Power Stations & Sub-Station**
- **Moreover, many other applications requiring safe access to raised and underground areas.**

GRP Lends itself as a great ladder solution due to the many properties listed below:

- **Corrosion Resistant**
- **Non-Conductive**
- **High Strength Composite Construction**
- **Dimensionally & Thermally Stable**
- **Easily Installed**
- **Maintenance Free**

All Composite Ladders and Safety Cages are manufactured in dimensional accordance with BS 4211, & BS 5395. (Stairs, Ladders & Walkways)

All ladders are 500mm wide overall, with rungs 400mm wide.

Other bespoke sizes are available to suit individual site requirements upon request.

STEEL ACCESS LADDER SOLUTIONS

- Our access ladders are available in the following finishes: Self Colour, Galvanised and 304 or 316 Stainless.
- Access Ladders can be produced to any length you require. It is worth noting that after 10m, the ladders will need rest platforms at 6000mm intervals.



In addition to GRP Vertical Access Ladders, we are also specialists in supplying vertical steel ladder systems. The ladder system is of a safe, simple modular design offering individual parts which bolt together to form a complete ladder.

Parts are kept in stock for quick delivery or can be supplied as a complete ladder once the floor-to-floor dimension is given. This system tries to eliminate the need for expensive site surveys and the preparation of detail drawings which adds to delivery time.

Health & Safety:

The unique design and production of ladder components are generally BS compatible for the health and safety conscious.

Flexible

Ladders are usually available 'off the shelf' and are so flexible they will solve virtually any access problem.

The ladder system we can supply is straightforward and easy to install and is supplied in 'flat-pack' form for ease of transportation, thus lending itself to projects and home and overseas.



Defender Roof Edge Protection

Defender roof edge protection systems are freestanding, with no requirement for fixings or drilling and subsequently no repair to the roof membrane, suitable for flat roofs up to 5° pitch.

The systems can be configured to satisfy the requirements of BS EN ISO 14122 part 3 or the load and deflection requirements of BS EN 13374 Class A.

Our BS 13700:2021 Permanent counterweighted guardrail systems, when provided with postal code and building height, can calculate for wind loadings and provide calculations with each sale.

Defender Roof Edge Protection systems operate on a counterbalance principle using curved PVC counterweights as the main component. A galvanised malleable iron foot with a protective rubber base supports the handrail post; this includes an integral toeplate facility which is a fundamental requirement if there is no perimeter edge upstand.

All systems feature 1100mm tall factory pre-assembled uprights that include open cradle fittings allowing the handrail tube to be quickly dropped into place instead of the time-consuming process of being fed through several fittings as required with other systems, speeding up assembly and saving cost.

BS 13700:2021 Permanent counterweighted guardrail systems standard, where when provided with postal code and building height, we can calculate for wind loadings on this system, and provide these calculations with each sale.

Ask our team about our roof edge protection systems today!





Armco Crash Barrier Systems

Our Armco Crash Barrier Systems have been adapted to offer protection in a wide range of situations.

The barriers' versatility allows them to be used both inside and outside; they are extensively used in car parks, loading bays and factories to offer protection to the fabric of buildings, customers and workers from the hazards of cars, trucks and other vehicles.

Made from 3mm galvanised steel with a 3.2m effective standard beam our Armco Barrier systems are compliant with the requirements of BS6180 and BS6399.

Post Types

RSJ Type Legs

Available in both bolt down and cast in.



Z Type Legs

Available in both bolt down and cast in.



The three main types of ends are the Fishtail, Pedestrian and Plastic End Caps. Corners are available in 90 & 45 Degree angles either Internal or External.

YOUR GUIDE TO BARRIERS, GATES, AND LADDERS



**BARRIER RAILS (3.2m EFFECTIVE)
GALVANISED**
Also comes in 1.6m lengths on request.



**BARRIER RAILS (3.2m EFFECTIVE)
STRIPED**



**BARRIER RAILS (3.2m EFFECTIVE)
YELLOW**
Also comes in 1.6m lengths on request.



**BARRIER RAILS (3.2m EFFECTIVE)
BLACK**



BOLT DOWN RSJ POST –
Available in sizes of 560 / 610 / 760 / 900 / 1100mm. options.



BOLT DOWN Z POST –
Available in sizes of 560 / 610 / 760mm.



CAST IN RSJ POST –
Available in sizes of 1200 / 1500 / 1800mm.



CAST IN Z POST – 2 options. 1160mm
Cast in 110 x 50 Z Post and 1200mm
Cast in 125 x 90 Z Post



**DOUBLE HEIGHT RSJ BOLT
DOWN POSTS**



**RSJ BOLT DOWN POST WITH
HANDRAIL EXTENSION**



FLEXI BUFFER POST



G POST



L POST



X POST



90 DEG INTERNAL CORNER



90 DEG EXTERNAL CORNER



**90 DEG INTERNAL CORNER
YELLOW**



**90 DEG EXTERNAL CORNER
YELLOW**



**EXTERNAL CORNER PLASTIC
REFLECTIVE YELLOW**



**INTERNAL CORNER PLASTIC
REFLECTIVE YELLOW**



EXTERNAL CORNER FLEXIBLE



INTERNAL CORNER FLEXIBLE



HANDRAIL EXTENSION



CRANKED HANDRAIL EXTENSION

YOUR GUIDE TO BARRIERS, GATES, AND LADDERS



FISHTAIL END



FISHTAIL END YELLOW



SCROLL END



SCROLL END YELLOW



BULL-NOSE END



RSJ POST CAP



Z POST CAP



PLASTIC END CAP - LONG



PLASTIC END CAP - SHORT



ARMCO END PLASTIC BLACK



ARMCO END PLASTIC FISHTAIL BLACK



ARMCO END PLASTIC SCROLL BLACK



ARMCO END PLASTIC YELLOW



ARMCO END PLASTIC FISHTAIL YELLOW



ARMCO END PLASTIC SCROLL YELLOW



OPEN BOX BEAM - Available in 2.4 or 4.8m lengths.



OPEN BOX BEAM CLAMP PLATE



OPEN BOX BEAM FISHPLATE - 2 required per beam used.



OPEN BOX BEAM END CAP - FLAT



OPEN BOX BEAM END CAP - ROUNDED



OPEN BOX BEAM CORNER



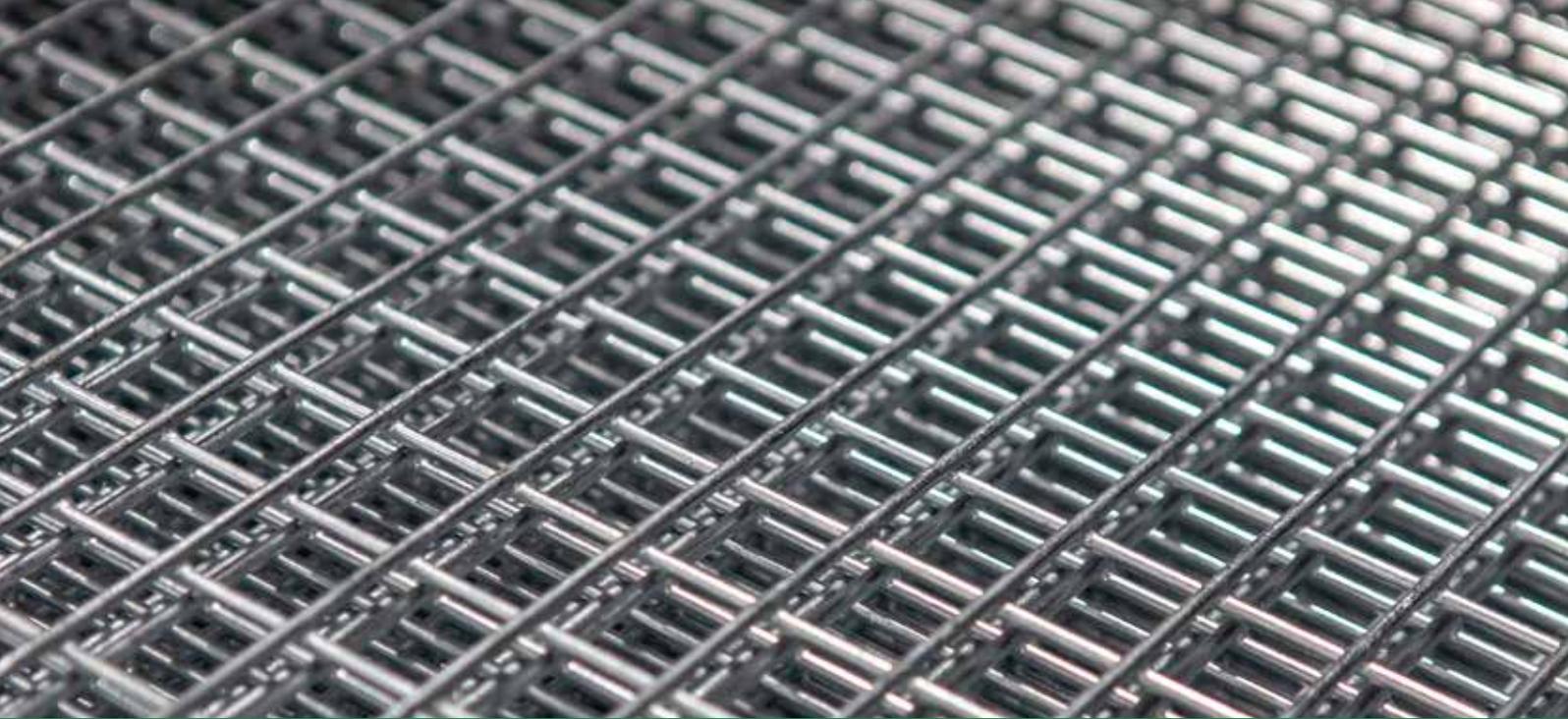
POST BOLT
All bolts are supplied with 2 washers.



LAP BOLT
All bolts are supplied with 2 washers.

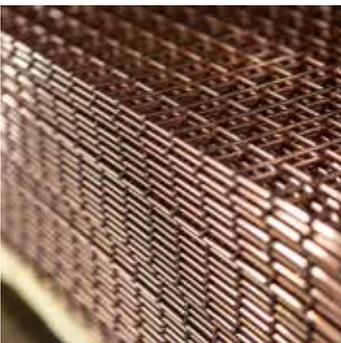


ANCHOR BOLT
All bolts are supplied with 2 washers.



Your Guide to Mesh Solutions

Mesh is an incredibly versatile product and as key suppliers to industry we understand that our customers need access to a wide range of mesh types and variations. To ensure we have the perfect product for your projects we can supply an extensive range ready for UK wide distribution. These include:



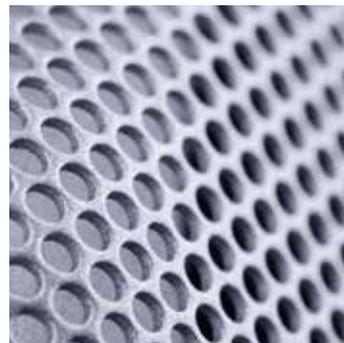
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WELD MESH



73

EXPANDED
METAL



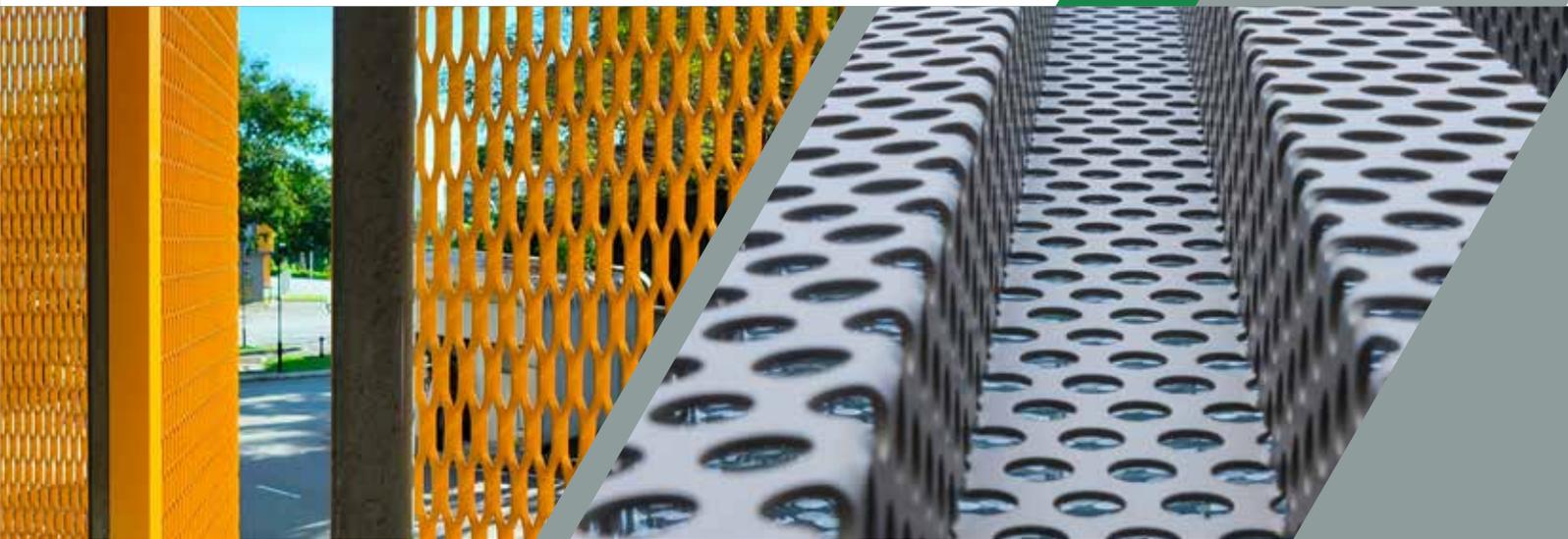
87

PERFORATED
PLATE



As a group, we carry Weld Mesh across all our operating locations which gives you, our customer, unrivalled access to the products you need on quick lead times. With stock held across the UK, we can always offer a collection option from your local depot on stock panels.

In addition to standard panels ex-stock, we can also offer a fabricated finish across all our mesh ranges. This combination of stock and bespoke service ensures that no matter how complex the application, we can support your project with fabrication or ship direct to your own site for fabrication.



WELD MESH

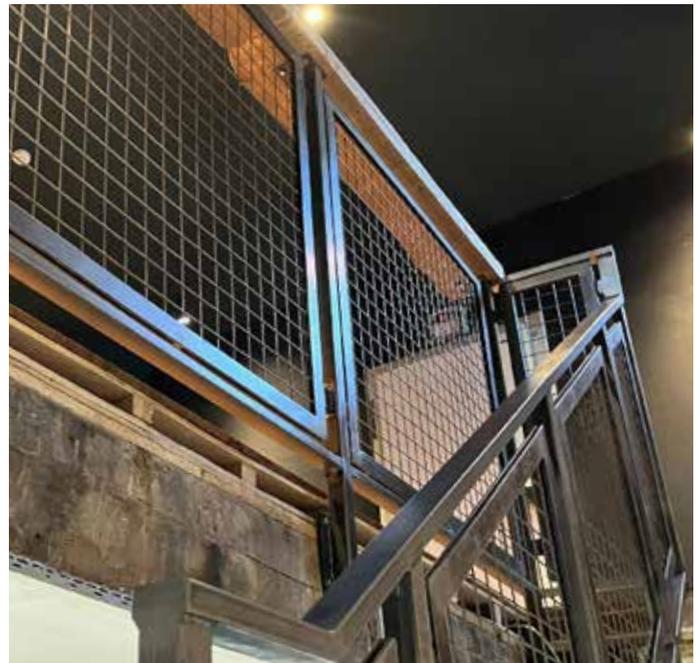
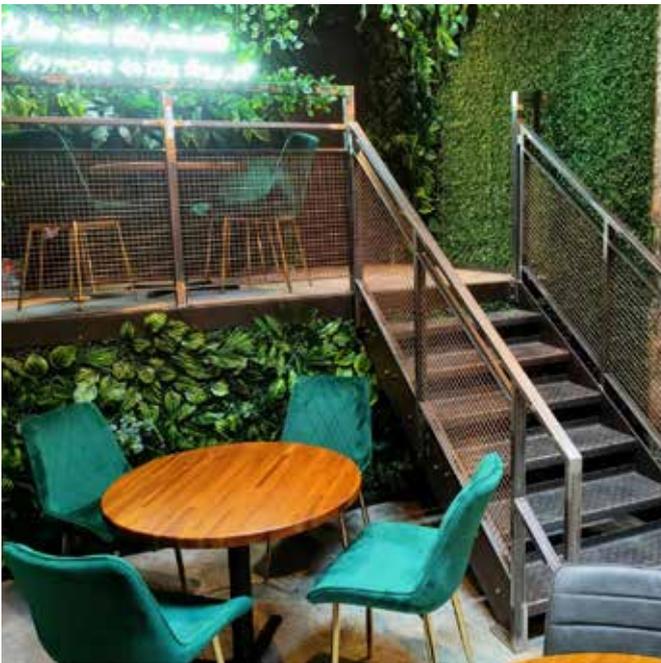
As an experienced safety and access division, we understand that mesh is often used in a variety of domestic and industrial sectors. For example, in workshops and industrial settings, mesh is used frequently as window grills or machinery guards.

Mesh is also popular with landscape gardeners who regularly use it in garden design for plant supports. It is also popular with anyone who manufactures aviaries for birds in addition to round pens, horse walkers and manèges for the equine industry. In agriculture, feed racking systems, rearing cages and more, are often built with weld mesh. We also regularly supply mesh into the hospitality, leisure and retail sectors for interior design or shop fittings.

Our customers often utilise mesh in a wide range of construction projects. We are experts in supplying fabricated mesh for walkways, balustrade infill panels, cladding, and gabion baskets.



If you require cut mesh for your project we can cut to size or offer infill panels with round bar welded to the outside





Our range encompasses light welded wire mesh rolls through to heavy industrial wire mesh panels in a choice of materials and finishes including copper washed self-colour, galvanised, stainless-steel grades 304 & 316 along with PVC welded mesh.

Wire diameters (gauges) range from 1mm (19g) through to 4.75mm (6g). Mesh sizes range from ¼" x ¼" (6 x 6mm) to 4" x 4" (100 x 100mm) in a wide range of sheet and mesh configurations, with welds at every intersection to give maximum strength. We can also source rolls from stock in the UK.

In addition, we supply reinforcing wire mesh and wire fabric for concrete, as well as a range of mesh clips, netter fasteners, winders, and other accessories.

Our standard weld mesh is manufactured from copper washed drawn mild steel wire conforming to BS 1052:1980.

We currently stock 4' x 8' (1200mm x 2440mm) standard panels across our UK depot network for 24/48hr delivery.



In addition, we can also supply the following sizes shown below.

- 6' x 12' (1830mm x 3660mm)
- 6' x 4' (1830mm x 1220mm)
- 6' x 3' (1830mm x 915mm)
- 7' x 12' (2140mm x 3660mm)

Our standard panel sizes come in a wide range of mesh and wire diameters as shown below. Measurements in inches.

Specification	Standard Panel (kg)				
	4' x 8'	6' x 12'	6' x 4'	6' x 3'	7' x 12'
2 x 3 x 6g	16.35	36.42	12.31	9.29	42.41
3 x 3 x 6g	11.07	24.54	8.35	6.32	28.54
3 x 6 x 6g	8.43	18.59	6.36	4.83	21.60
1 x 1 x 8g	22.70	50.90	17.08	12.86	59.33
2 x 1 x 8g	17.13	38.29	12.87	9.71	44.63
2 x 2 x 8g	11.54	25.69	8.68	6.56	29.94
3 x ½ x 8g	26.47	59.30	19.88	14.96	69.12
3 x 3 x 8g	7.81	17.32	5.88	4.46	20.15
1 x 1 x 10g	13.98	31.29	10.50	7.91	36.49
1 ½ x 1 ½ x 10g	9.40	20.98	7.06	5.33	24.44
2 x 1 x 10g	10.54	23.55	7.92	5.97	27.44
2 x 2 x 10g	7.10	15.80	5.35	4.03	18.40
3 x ½ x 10g	16.28	36.47	12.23	9.20	42.52
3 x 1 x 10g	9.39	20.97	7.06	5.33	24.45
3 x 3 x 10g	4.81	10.65	3.62	2.74	12.38
4 x 4 x 10g	3.65	8.07	2.76	2.10	9.38
1 x 1 x 12g	8.73	19.53	6.56	4.93	22.70
1 ½ x 1 ½ x 12g	5.86	13.08	4.41	3.32	15.24
2 x 1 x 12g	6.58	14.70	4.94	3.72	17.12
2 x 2 x 12g	4.43	9.86	3.33	2.52	11.49
3 x ½ x 12g	10.16	22.76	7.63	5.74	26.51
3 x 1 x 12g	5.86	13.09	4.41	3.32	15.24
75mm x 25mm x 6/10g	13.60	30.20	10.20	7.08	35.20



EXPANDED METAL

At Barrett Steel Balustrade and Walkways, our experience ensures we supply the best expanded metal products with durability that stands the test of time in diverse environments. Our expanded metal sheets and meshes offer adaptability, meeting a spectrum of needs such as fencing, security, walkways, and architectural brilliance.

Elevate your security solutions with Barrett Steel's expanded metal products, providing an unparalleled barrier without compromising on visibility or aesthetics. Embrace unique designs that allow for optimal ventilation and illumination, making our products the ideal choice for projects where visibility and air circulation are paramount.

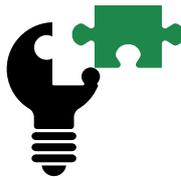
We pride ourselves on offering tailored excellence. Our products can be customised to meet the unique requirements of your project, ensuring a perfect fit every time. Discover cost-effective solutions that don't compromise on quality, making them the practical choice for a myriad of projects.

Our expanded metal products align with the principles of sustainability in construction and industry, providing you with confidence in the environmental impact of your projects.

In summary the products we supply offer:



Robust Engineering



Adaptable Solutions



Unparalleled Security



**Optimal Ventilation
and Visibility**



Tailored Excellence



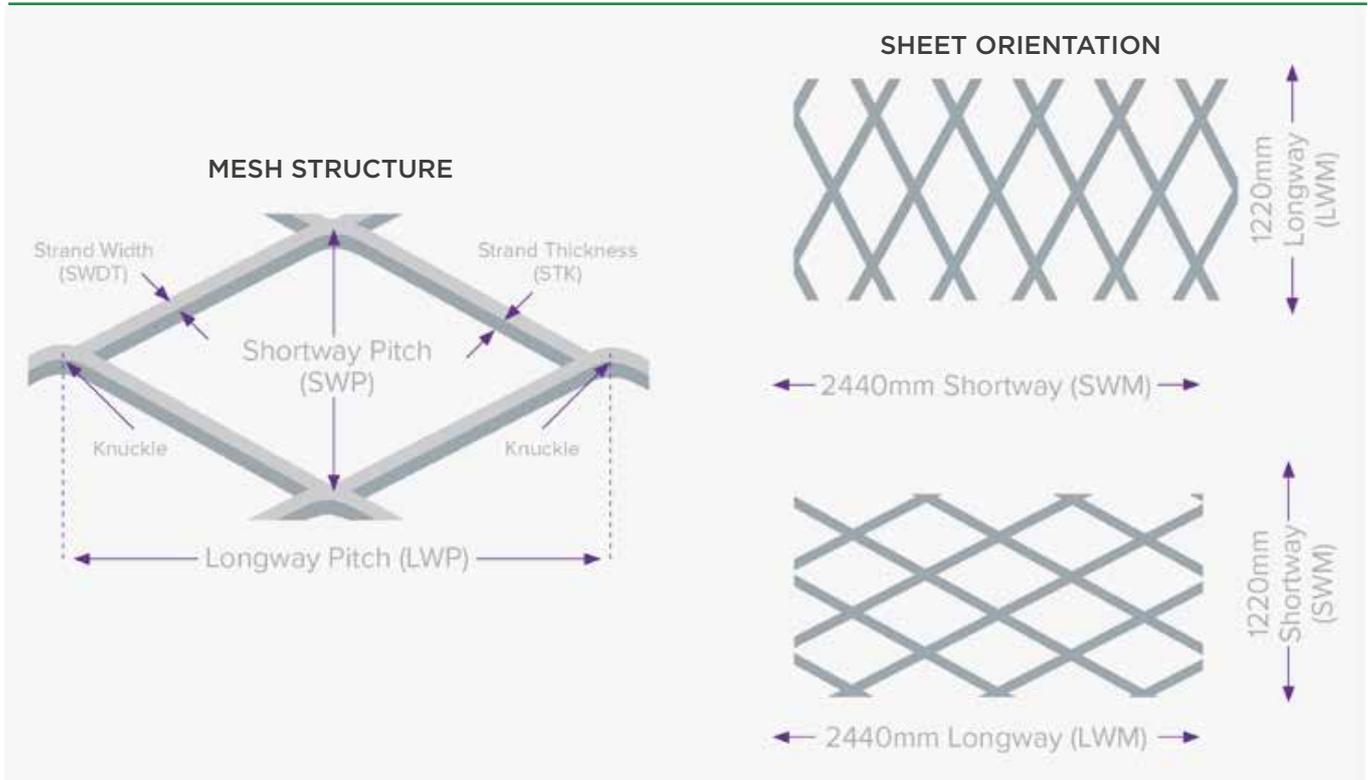
Cost Efficiency



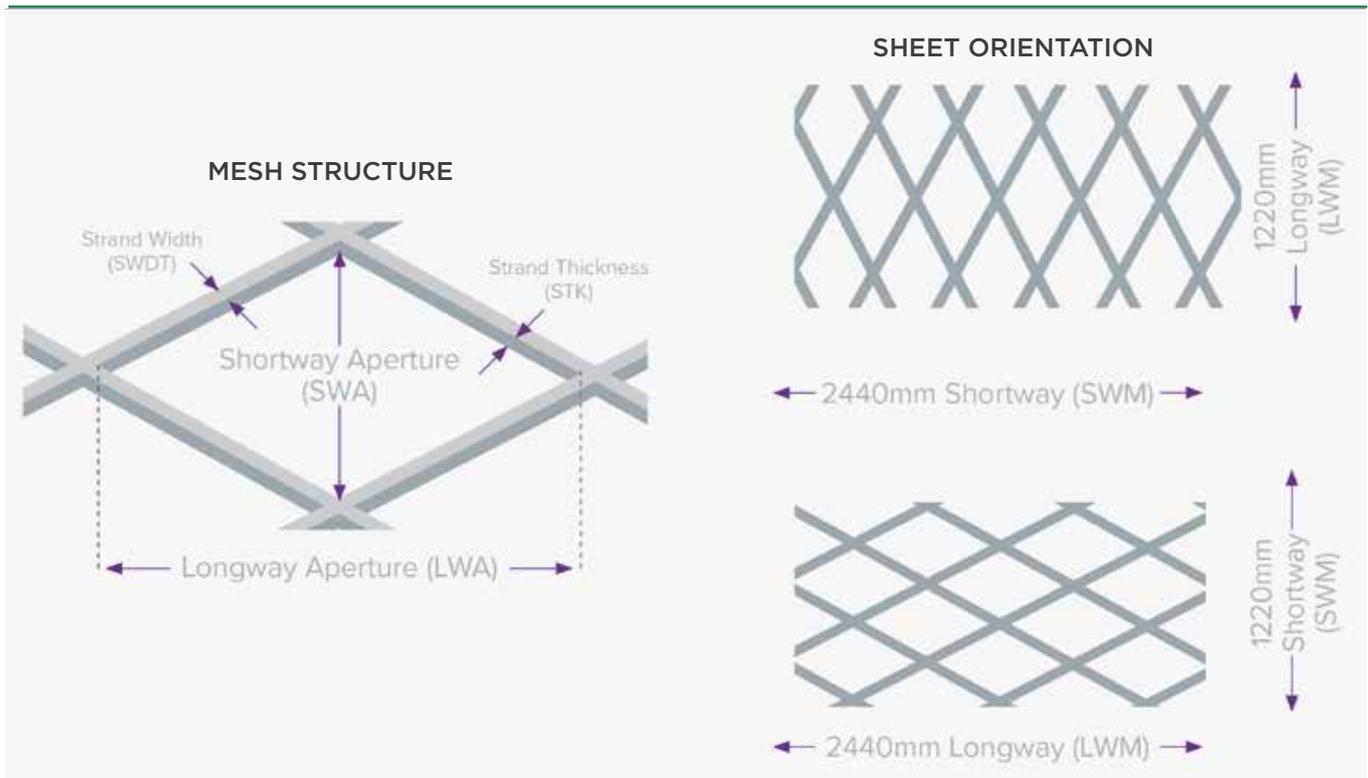
Sustainability

Measuring Guide

Raised Mesh

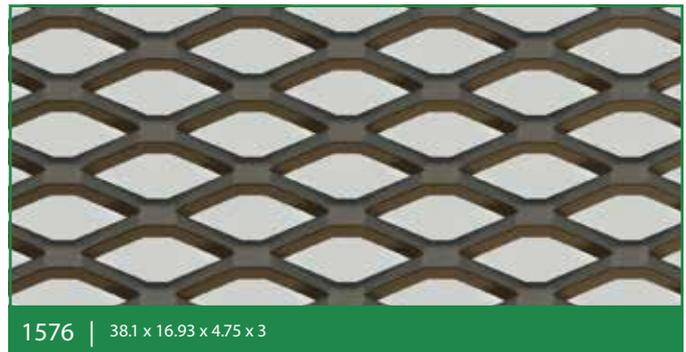
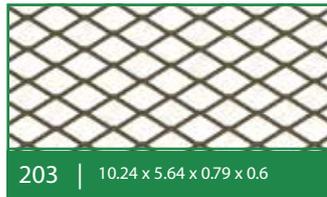
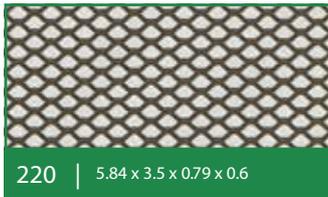


Flattened Mesh



MILD STEEL RAISED MESH

The mild steel raised mesh products we offer combine durability, versatility, customization, and cost-effectiveness to cater to a wide range of industrial and construction needs. Whether for security, architectural design, or other applications, these products offer robust solutions with a focus on quality and adaptability.



MILD STEEL FLATTENED MESH

The mild steel flattened mesh products we offer combine durability, versatility, customization, and cost-effectiveness to cater to a wide range of industrial and construction needs. Our Mild Steel flattened mesh is perfect for a wide range of applications such as Balustrade in-fill panels, Animal Flooring, Stillages, Machine Guards and Filters amongst other uses.



TYPICAL APPLICATIONS

- Speaker grilles
- Boltboxes
- Sheep flooring
- Pedestrian barriers
- Fencing
- Spark guards
- Trailer ramps
- Pallets
- Stillages
- Cages

Please speak ask the team about bespoke applications.



Acoustics



Agriculture



Transport



Logistics



Construction



Security



Utilities

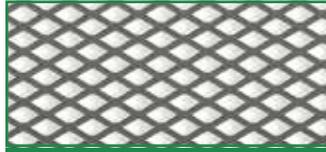


Manufacturing

MILD STEEL FLATTENED MESH



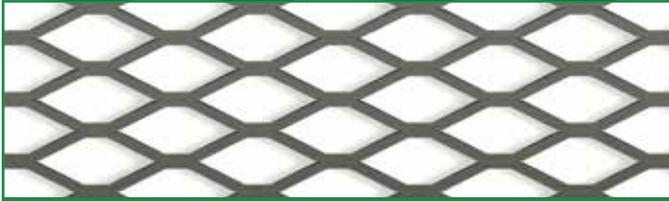
226F | 3.81 x 2.03 x 0.79 x 0.58



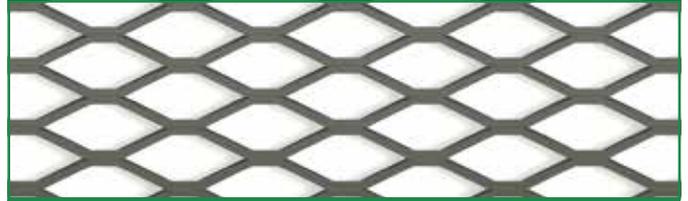
217F | 6.85 x 3.56 x 1.3 x 0.94



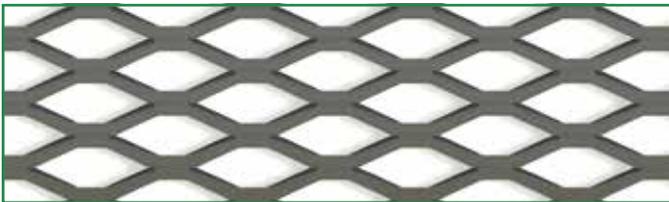
0794F | 14.22 x 4.83 x 1.85 x 0.96



1281F | 24.38 x 7.87 x 2.06 x 1.47



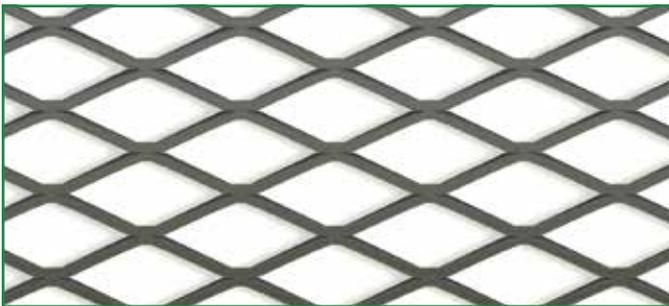
1280F | 24.38 x 7.11 x 2.39 x 1.14



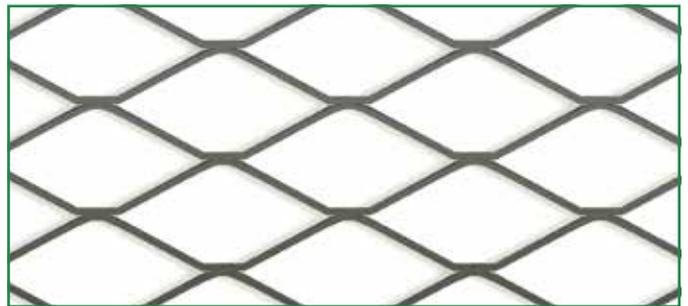
1279F | 23.11 x 5.84 x 3.2 x 1.52



1585F | 33.53 x 12.45 x 2.34 x 1.14



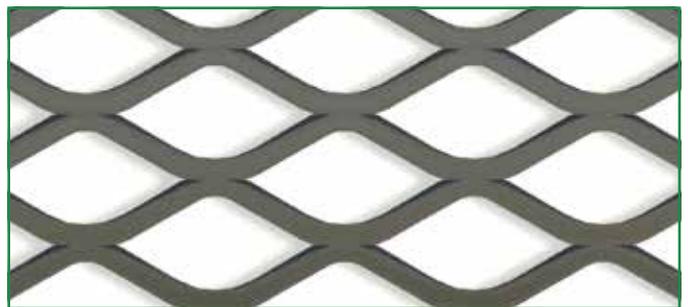
1584F | 32.77 x 10.92 x 3.18 x 1.5



2076F | 43.43 x 18.03 x 2.31 x 1.14



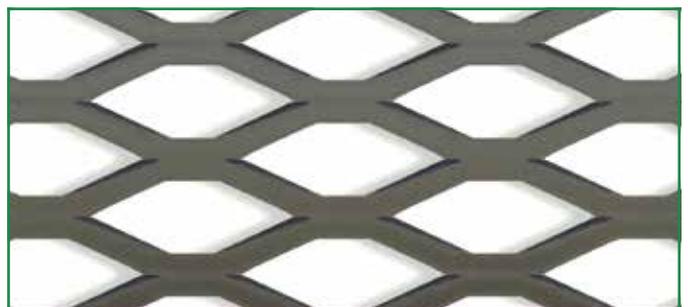
2077F | 43.18 x 17.27 x 3.23 x 1.45



2074F | 39.12 x 18.29 x 4.72 x 2.74

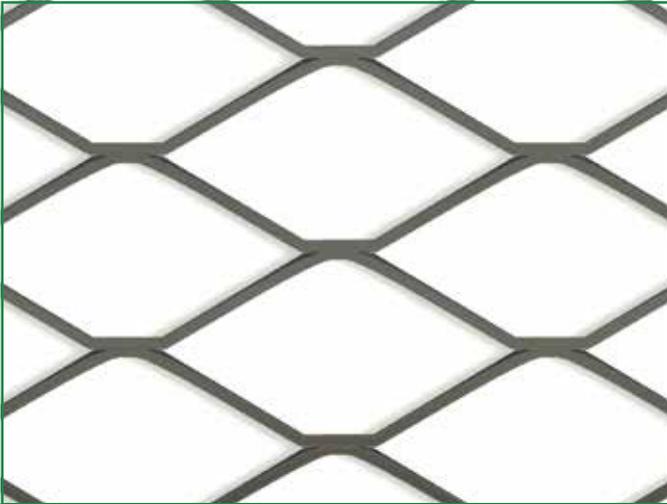


2073F | 42.93 x 14.22 x 4.6 x 2.69

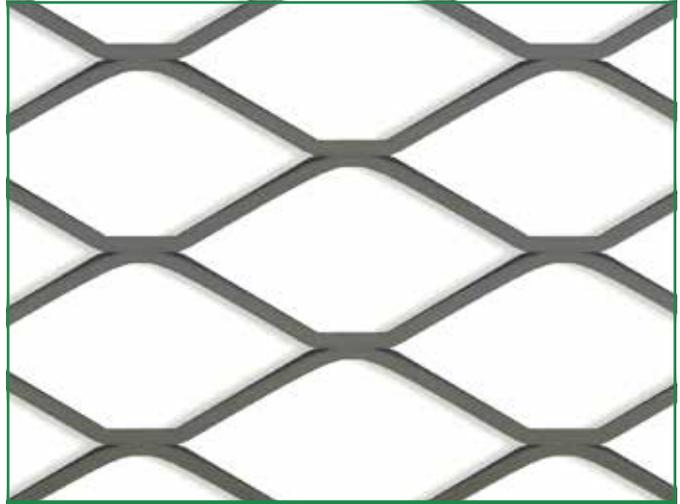


2490F | 46.99 x 15.49 x 6 x 3.5

MILD STEEL FLATTENED MESH



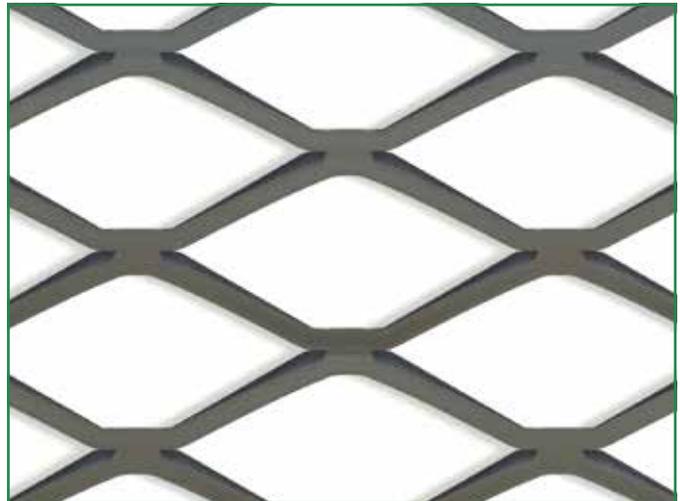
3395F | 76.96 x 32.77 x 3.81 x 1.85



3394F | 69.85 x 37.08 x 5.49 x 2.16

TYPICAL APPLICATIONS

- Balustrading
- Stillages
- Animal flooring
- Bird guarding
- Machine guards
- Electromagnetic screens



3393F | 77.47 x 27.18 x 6.53 x 2.82

ALUMINIUM RAMPS & WALKWAY MESH

Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
	LWP	SWP	Width	Thickness			
2496A	60.96	25.40	5.82	4.70	6.10	52	2500 X 1250



2496A



Manufacturing



Engineering



Utilities



Offshore



Construction

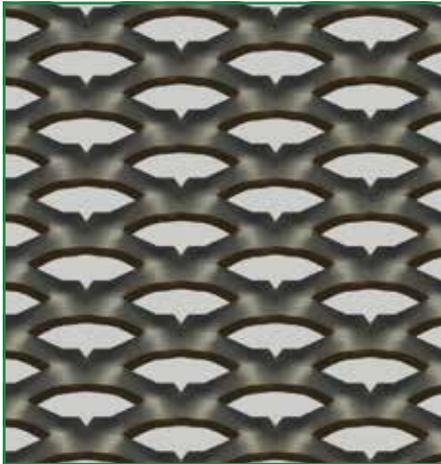


Transport

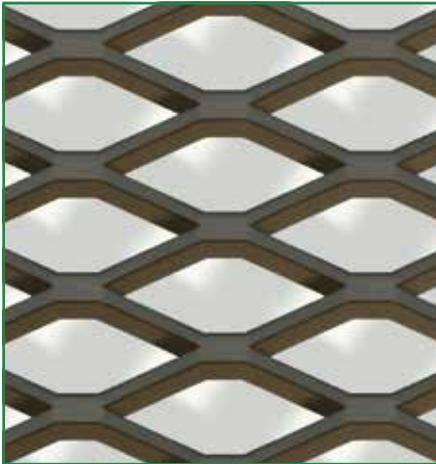


Logistics

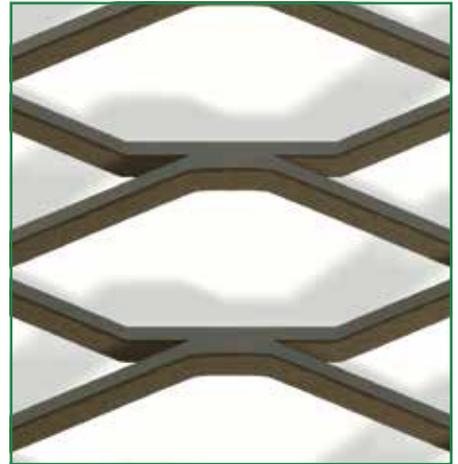
MILD STEEL RAMPS & WALKWAY MESH



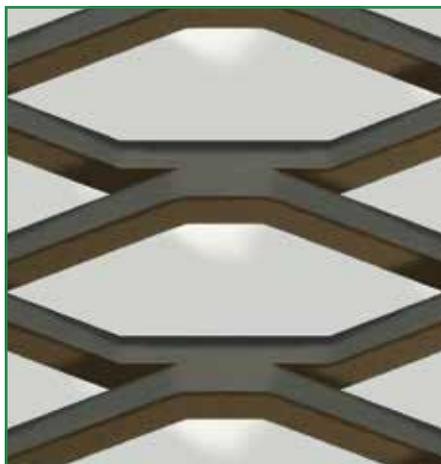
N7478 | 38.1 x 13.85 x 5 x 2.5



2496 | 60.96 x 25.4 x 6.1 x 4.5



4896 | 121.92 x 33.87 x 6.35 x 4.5



4899 | 121.92 x 35.85 x 9.53 x 6



4894 | 121.92 x 35.85 x 13.06 x 6

TYPICAL APPLICATIONS

- Gantries
- Disabled access ramps
- Pedestrian walkway
- Trailer ramps
- Foot bridges

Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
	LWP	SWP	Width	Thickness			
2496	60.96	25.40	6.10	4.50	17.30	51.00	2440 X 1220
2496	60.96	25.40	6.10	4.50	17.30	51.00	1220 X 2440
4896	121.92	33.87	6.35	4.50	13.20	65.00	1220 X 2440



2496



2496



4896

MILD STEEL FLATTENED MESH

Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
	LWP	SWP	Width	Thickness			
4896	121.92	33.87	6.35	4.50	13.20	65.00	2440 X 1220
4897	121.92	33.87	7.90	4.50	16.50	58.00	1220 X 2440

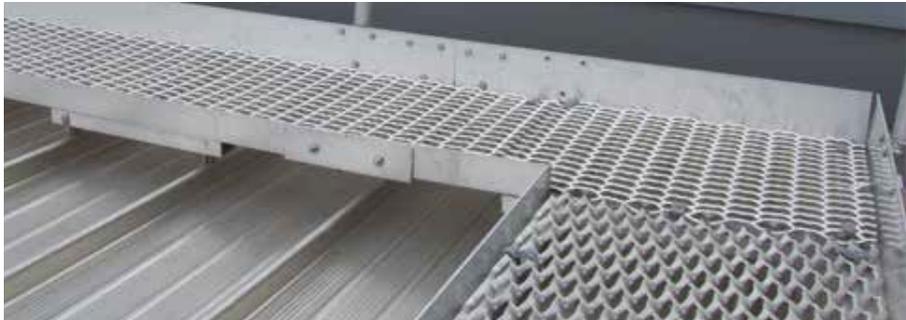


Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
	LWP	SWP	Width	Thickness			
4894	121.92	35.85	13.06	6.00	25.00	50.00	2265 X 1830
4899	121.92	35.85	9.53	6.00	25.00	50.00	1220 X 2440
N7478	38.10	13.85	5.00	2.50	14.20	28.00	1220 X 1525



RAMPS AND WALKWAY MESH TYPICAL APPLICATIONS:

- Gantries
- Wheelchair Ramps
- Pedestrian walkways
- Trailer ramps
- Foot bridges



- Agriculture
- Construction
- Manufacturing
- Security
- Utilities
- Telecommunications

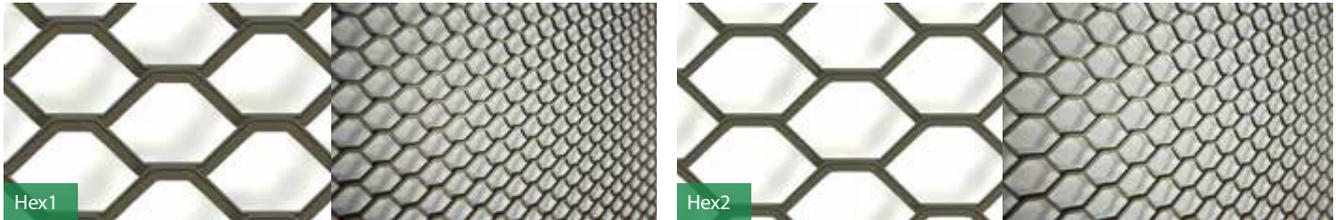


MILD STEEL SPECIAL SHAPES

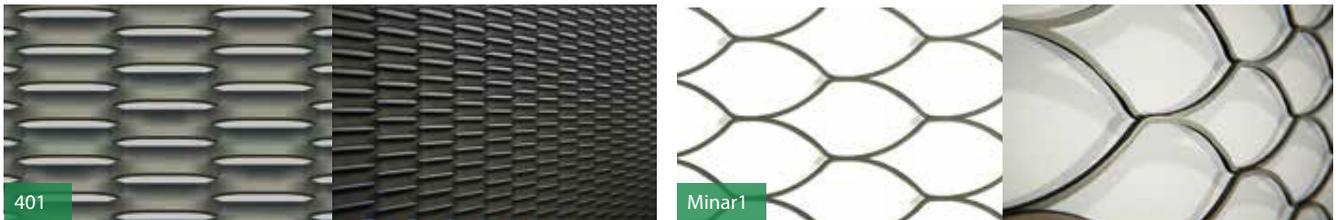
Shape	Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
		LWP	SWP	Width	Thickness			
Square	Q38	38.10	34.00	2.25	2.50	2.59	88.00	1000 X 1000
Square	Q76	76.20	63.00	2.00	2.50	1.20	93.00	1000 X 2000



Shape	Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
		LWP	SWP	Width	Thickness			
Hexagon	Hex1	19.05	9.50	1.22	1.20	2.40	74.00	1250 X 1250
Hexagon	Hex2	25.40	11.67	1.27	1.20	2.00	78.00	1250 X 1250



Shape	Pattern	Pitch (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Stock Sheet Size (mm)
		LWP	SWP	Width	Thickness			
Parallel	401	28.58	3.67	2.31	0.75	3.70	53.00	1250 X 1250
Minaret	Minar1	137.16	56.85	3.25	3.00	2.70	89.00	2340 X 1220



**MILD STEEL SPECIAL SHAPES
TYPICAL APPLICATIONS:**

- Louvres
- Wheelchair ramps
- Decorative applications

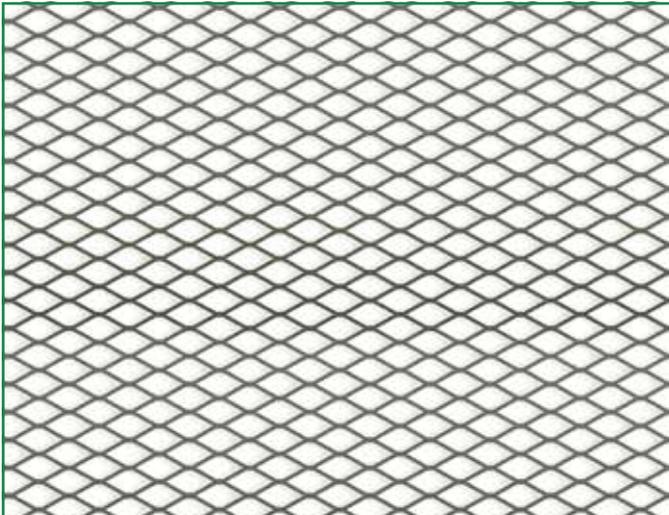


Design

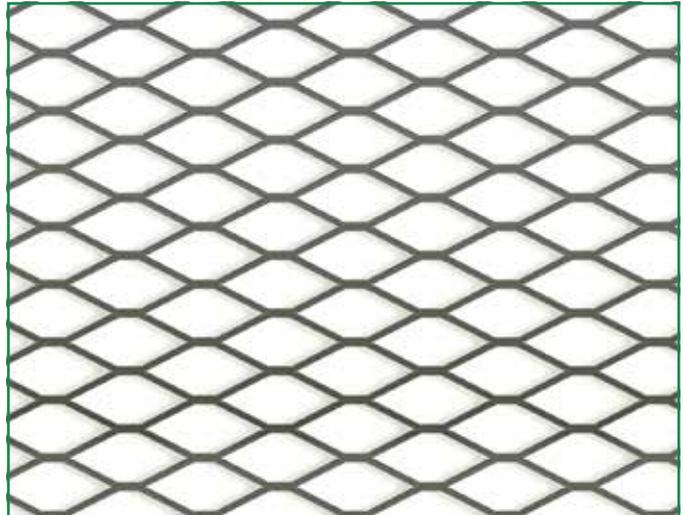


Construction

PRE-GALVANISED FLATTENED MESH



N6654F | 10.38 x 5.87 x 1.21 x 0.64



N0921F | 25.15 x 8.64 x 1.65 x 0.94

PRE-GALVANISED EXPERF



N8614F | 6.1 x 3.7 x 1.2 x 0.7



N6664F | 6.15 x 3.69 x 1.5 x 0.7



N6659F | 6.1 x 4.82 x 1.4 x 0.7

TYPICAL APPLICATIONS

- Filters
- Speaker grilles
- Audio equipment
- Components
- Noise Suppression

PRE-GALVANISED PLASTER RENDERING



94G | 28.58 x 9.53 x 1.59 x 1

TYPICAL APPLICATIONS

- Interior plaster rendering
- Vent protection



Acoustics



Agriculture

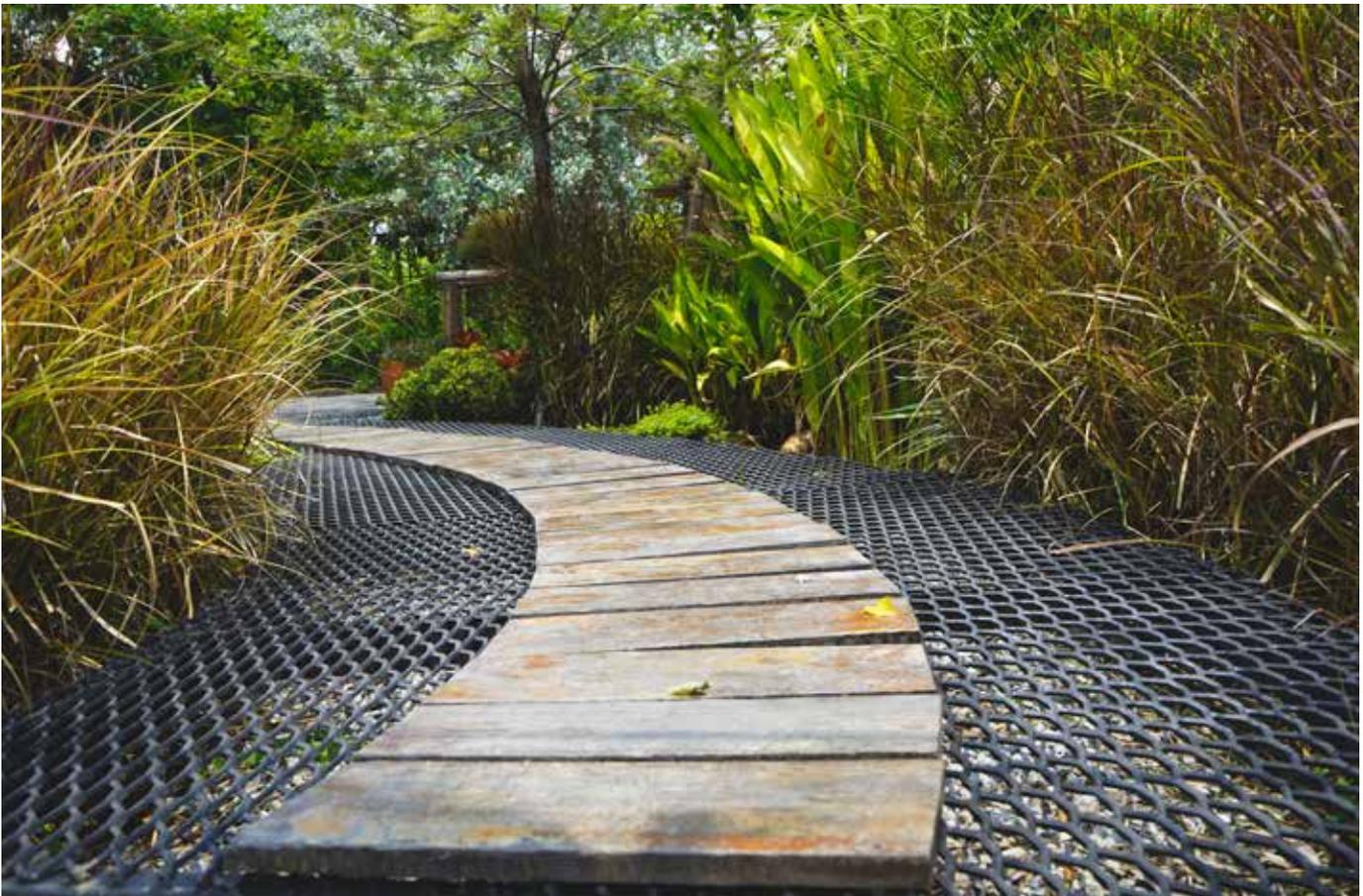


Filtration

PRE-GALVANISED CLIPS

Our galvanised walkway clips are designed to provide a mechanical, secure fitment of walkway mesh panels to steelwork. Clip LRD17A consists of an upper saddle engaging over two knuckles of the mesh with a screw passing through the saddle and tightening into a lower clamping strip which is notched to engage with the bottom edge of a knuckle. The advantage of this arrangement is that the need to tighten a nut from below is eliminated. With saddle and clamping strip held together by the screw, the end of the clamping strip is worked through the mesh, positioned correctly and the screw tightened. For our heavier walkway pattern 4894, both saddle and strip must be positioned separately before the screw is tightened. The recommended distance between clips is 750mm. Specifically to accommodate walkway pattern 2496, we offer clip FD943 which consists of a hook bolt and clamp.

Information on clip installation is provided for guidance only. We recommend consultation with structural engineers before installation.



EXMESH™ SECURILATH™

The ExMesh™ Securilath™ system has been developed as a discreet method of significantly delaying the most determined intruder from creating an aperture large enough to gain entry into a premises. Securilath™ can be installed at the time of construction into internal or external walls (solid or stud), ceilings and roofs, or can be retrofit whilst refurbishment is carried out. The option of finishing with dry lining or render is not lost with Securilath™, as our range covers both options.

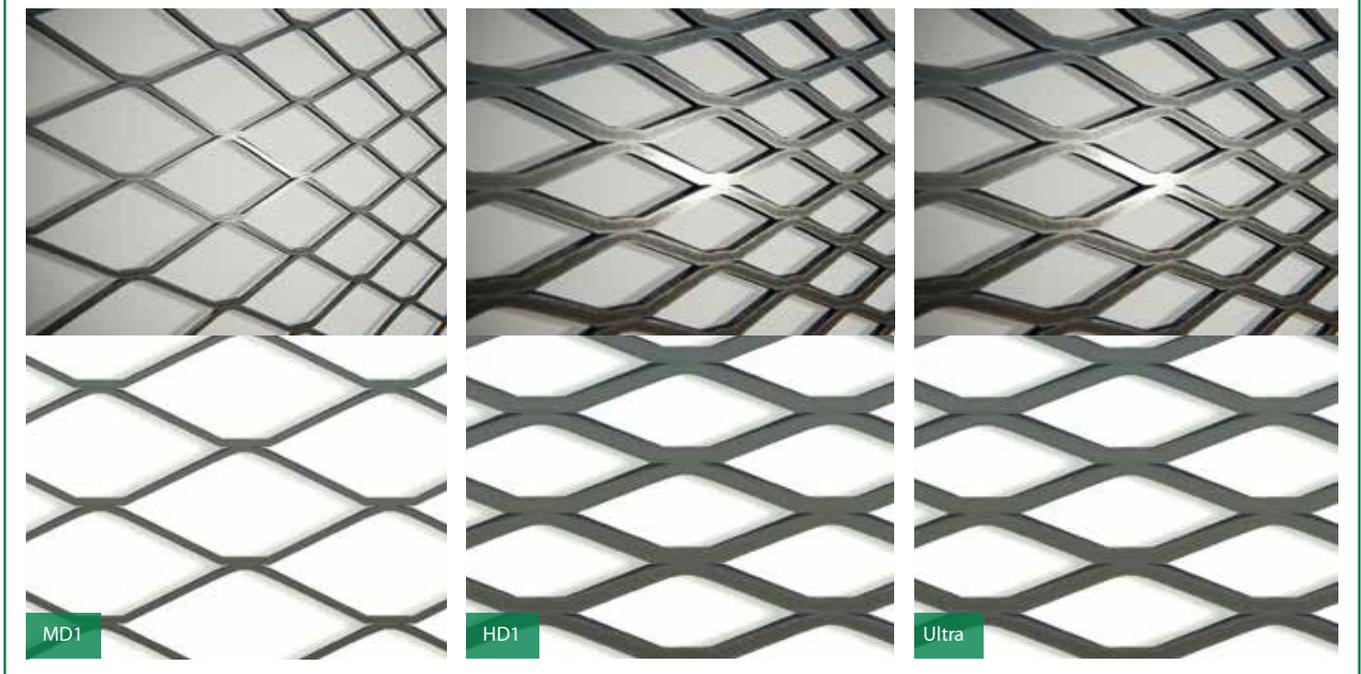
Securilath™ is easily fixed to brickwork, blockwork, stud partitioning, ceiling joists and roofs in metal or timber. Securilath™ sheets should be butted together and not overlapped. For additional security we suggest reducing the spacing shown when Securilath™ is fixed adjacent to doors or windows.



SECURILATH™ FLATTENED MESH



Pattern	Pitch (mm)		Strand (mm)		Aperture (mm)		Strand (mm)		Weight (KG/M ²)	Area %	Sheet Size (mm)
	LWP	SWP	Width	Thickness	LWP	SWP	Width (A/F)	Thickness (A/F)			
MD1	50.80	22.58	2.31	1.20	43.43	18.03	2.31	1.14	1.90	80	1220 X 2440
HD1	50.80	22.58	4.39	3.00	42.93	14.22	4.60	2.69	8.60	61	2440 X 1220
Ultra	50.80	22.58	4.39	3.00	42.93	14.22	4.60	2.69	8.60	61	2440 X 1220



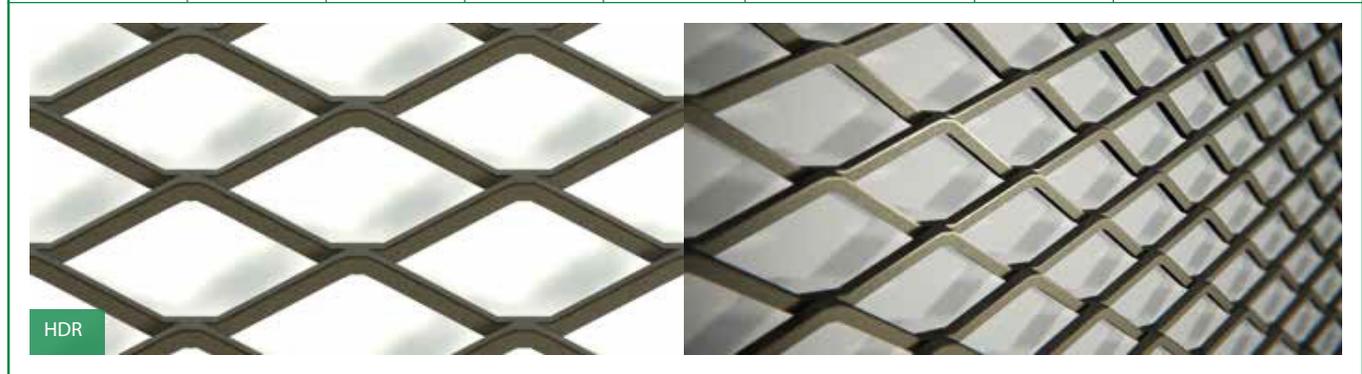
TYPICAL APPLICATIONS:

- Cash handling stores
- Wholesale & retail outlets
- Control rooms
- Petrol station kiosks
- Firearm stores
- High value goods stores
- Computer rooms
- Secure units
- Remote facility security
- Pharmaceutical stores



SECURILATH™ RAISED MESH

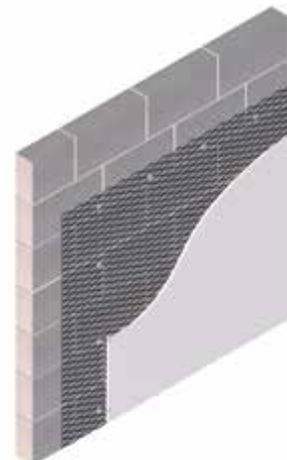
Pattern	Pitch (mm) (LWP)	(mm) (SWP)	Strand Width	(mm) Thickness	Weight (KG/M2)	Area %	Stock Sheet Size (mm)
HDR	50.80	22.58	3.12	3.00	6.50	72	2440 X 1220



Technical information

Mesh	Application	Finish options	Certification details
Securilath™ MD1	Lighter weight option for security in walls and partitions	Mild steel, galvanised, painted	19mm plywood face, LPS 1175 SR1 (Cert 731b03)
Securilath™ HD1	Heavyweight option for security in walls and partitions	Mild steel, galvanised, painted	19mm plywood face, LPS 1175 SR2 (Cert 731b01)
Securilath™ HD1-PB	Heavyweight option for security in walls and partitions	Mild steel, galvanised, painted	12mm plasterboard face LPS 1175 SR1 (Cert 731b02)
Securilath™ Ultra	Double skinned option for extra security in walls and partitions	Mild steel, galvanised, painted	Mesh fitted to both sides with 19mm plywood faces, LPS 1175 SR3 (Cert 731b04)
Securilath™ HDR	Internal / external brick or block walls excellent key finisher for plaster/ render finishes	Mild steel, galvanised, painted	

LPCB ratings are only achieved when installing the mesh on timber stud per provided fitting instructions.



PERFORATED PLATE

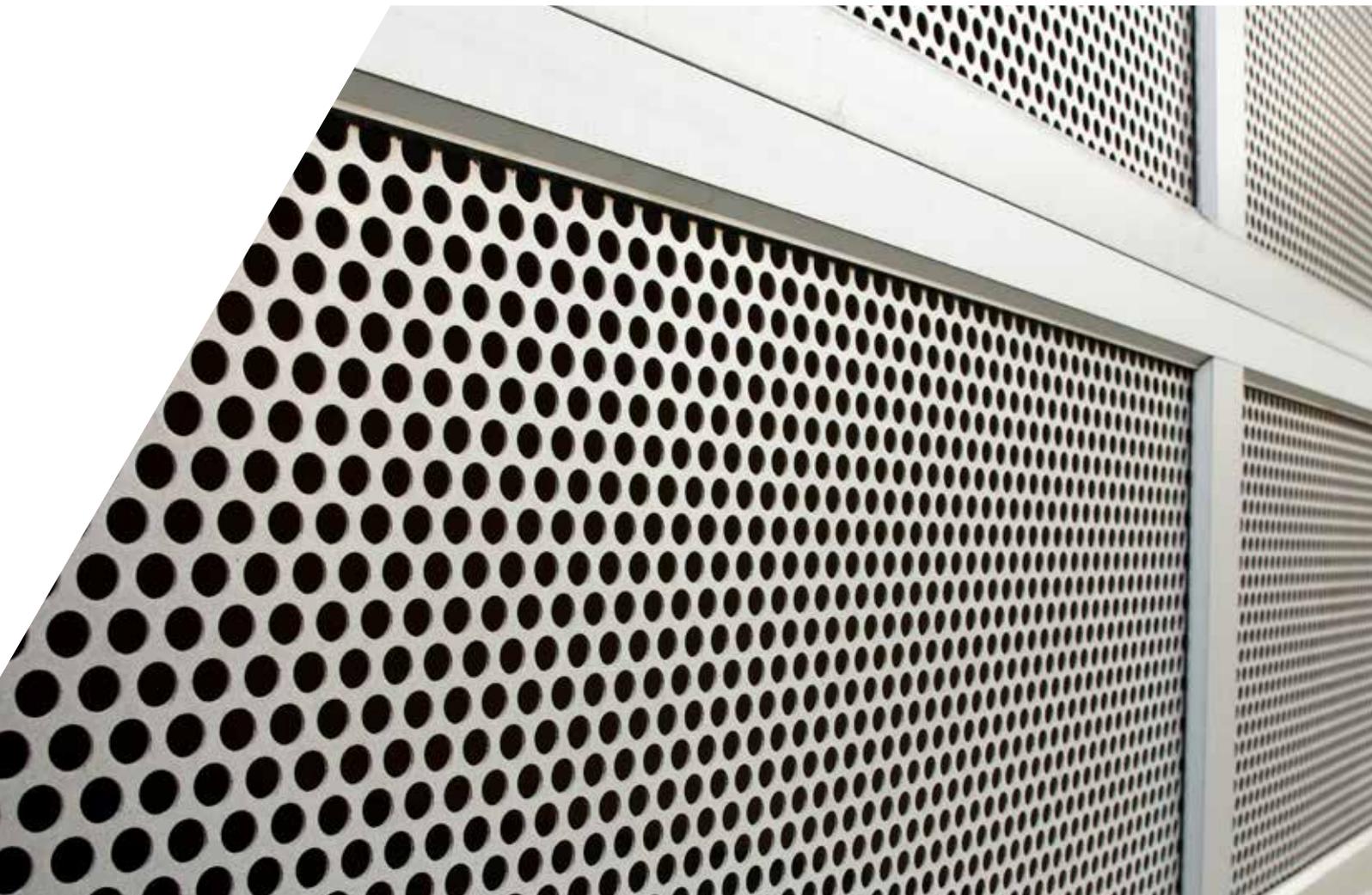
At Barrett Steel Balustrade and Walkways, we pride ourselves in offering a complete solution for your project requirements. As part of the Barrett Steel group, we have access to over 100,000 tonnes of steel stock and in addition to that work hard to ensure we can source an extensive range of safety products. Perforated plate is just one of these additional products we can source in a variety of finishes.

Perforated plate is manufactured by cold punching sheets of metal with an arrangement of holes of any shape and size in various patterns. There is a large variety, and we can supply the most popular on quick lead times although others are available to special order.

Perforated Plates are used in a vast number of industries for sorting and screening any material from sugar and spice to sand and gravel. They are used extensively in heating and ventilating installations where they combine the practical with the ornamental.

We offer a wide range of plates in standard panel sizes of 2m x 1m, 2.5m x 1.25m and 3m x 1.5m with round openings from 0.4mm to 50mm, Squares from 3mm to 25mm and Slot sizes from 20mm x 1mm to 25mm x 8mm.

Our plates are available in Mild Steel, Galvanised, Aluminium and Stainless Steels 304 / 316 dependant on pattern and availability.



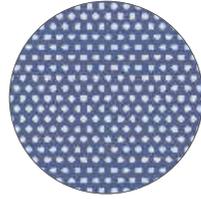
A SELECTION OF PERFORATIONS AVAILABLE



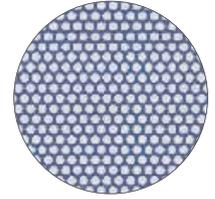
R-0.5mm, T-1.25mm



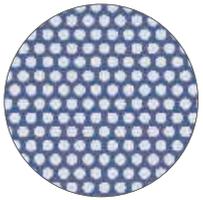
R-1mm, T-2mm



R-1.5mm, T-3mm



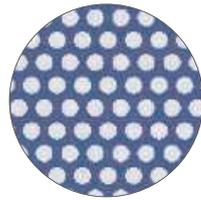
R-2mm, T-3mm



R-3mm, T-5mm



R-4mm, T-6mm



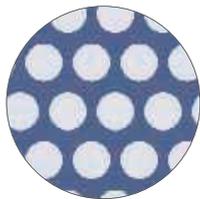
R-5mm, T-8mm



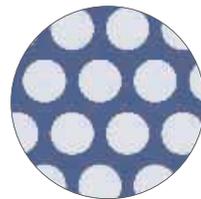
R-6mm, T-9mm



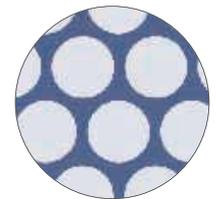
R-8mm, T-12mm



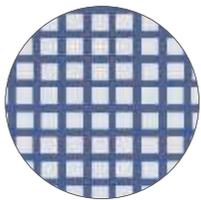
R-10mm, T-15mm



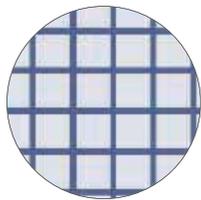
R-12mm, T-16mm



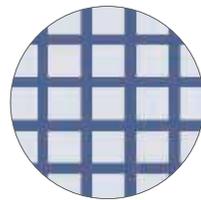
R-15mm, T-18mm



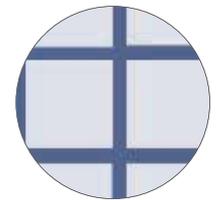
C-5mm, U-7.5mm



C-10mm, U-12mm



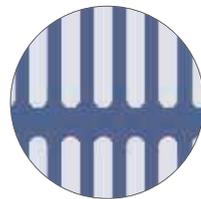
C-10mm, U-15mm



C-30mm, U-35mm



LR-20mm x 4mm



LR-40mm x 8mm
U13X47.5

DECORATIVE PERFORATED SHEET

MILD STEEL



Large trefoil leaf
10mm

2Mx1Mx1mm
(Stock code: 500 110 510)



Trefoil leaf
10mm+hole

2Mx1Mx1mm
(Stock code: 500 110 512)



Pointcross
16mm

2Mx1Mx1mm
(Stock code: 500 110 530)

BRASS



Large trefoil leaf
10mm

2Mx1Mx0.8mm
(Stock code: 530 108 510)



Trefoil leaf
6mm

2Mx1Mx0.8mm
(Stock code: 530 108 520)



Pointcross
16mm

2Mx1Mx0.8mm
(Stock code: 530 108 530)

U-PROFILES

The standard solution for framing (perforated) plate, expanded metal, and some types of wire mesh.

The depth of the frame profiles means that the material being framed does not need to be cut to an exact size.



U 20 - 1.5



U 20 - 2.0



U 20 - 3.0



U 30 - 5.0



U 30 - 8.0



U 40 - 10.0

TYPE	THICKNESS mm	INSERT DEPTH mm
U 20 - 1.5	1.5	1.5
U 20 - 2.0	1.5	2.0
U 20 - 3.0	1.5	3.0
U 30 - 5.0	1.5	5.0
U 30 - 8.0	1.5	8.0
U 40 - 10.0	1.5	10.0

MATERIAL

Steel, galvanised steel, stainless steel, aluminium.

MATERIAL THICKNESS: Approx 1 - 1.5mm for steel and approx 1 - 2mm for aluminium, depending on the size of the opening.

LENGTH: 2500mm

The above is just a small selection of perforated plates we can offer. For a full list of sizes and specifications available ask our team today.



Your Guide to GRP Profiles

Glass Reinforced Plastic Profiles (also known as GRP Profiles and Pultruded Profiles) are widely used within the construction industry, which is always seeking innovative ways to build structures more quickly and lightly, while still maintaining strength and durability.

We offer a wide variety of GRP Profiles including GRP Angles, GRP Box Sections, GRP RSJ / Beams and GRP U Channels, all of which come in a range of sizes. The manufacturing process means they provide excellent resistance to corrosion and have a long life as they are incredibly durable, meaning they offer a wealth of uses across a range of industries.

Their lightweight nature of our GRP profiles makes them easy to use during the construction process and that they can comfortably handle many different load requirements; the way they are made has changed in recent years thanks to developments in the machinery and technology used. They make an ideal alternative to traditional steel and timber as they are exceptionally strong and reliable, and come in a variety of shapes and sizes, so you'll always find something to suit the project you're working on.

YOUR GUIDE TO GRP PROFILES



Crafted from Glass Reinforced Plastic, these angles offer robust support for corners and framework, ensuring stability and durability.

Size / to Legs (mm)	Thickness (mm)	Weight per kg/m
50 x 50mm	3mm	0.55
50 x 50mm	5mm	0.96
51 x 51mm	6.35mm	1.15
60 x 60mm	8mm	1.75
75 x 75mm	10mm	2.70
100 x 100mm	8mm	2.95



Constructed from Glass Reinforced Plastic, these box sections provide exceptional strength and structural integrity.

Width and Depth (mm)	Thickness (mm)	Weight per kg/m
51 x 51mm	6.35mm	2.17
60 x 60mm	5mm	1.85
75 x 75mm	6mm	3.56
100 x 100mm	6mm	4.60



Designed from Glass Reinforced Plastic, these beams offer unparalleled durability and load-bearing capacity.

Web and Flange (mm)	Thickness (mm)	Weight per kg/m
120 x 70mm	8mm	3.77
150 x 80mm	10mm	5.71
200 x 100mm	10mm	7.20
200 x 200mm	10mm	11.02



Manufactured from Glass Reinforced Plastic, these channels offer unparalleled durability and load-bearing capacity.

Width and Depth (mm)	Thickness (mm)	Weight per kg/m
100 x 50mm	6mm	2.18
150 x 50mm	6mm	2.75
200 x 60mm	8mm	4.68
280 x 70mm	12mm	9.27

* All GRP Profiles are supplied in standard lengths of 6m, these however can be cut to required size.



APPLICATIONS AND ADVANTAGES

Our GRP Profiles have a high strength-to-weight ratio, making them ideal in applications where weight is a concern such as aerospace or automotive industries. They are highly resistant to corrosion from chemicals, weather and saltwater making them suitable for outdoor and marine uses.

Common applications include but is not limited to infrastructure projects such as buildings and bridges, cooling towers, industrial environments, renewable energy, and chemical processing plants.

Advantages



High strength-to-weight ratio



Corrosion resistance



Low maintenance



High Durability



Fire Resistance











Your Guide to Stainless and Glass Balustrades

'Fastec is a brand synonymous with experience and quality. At Barrett Steel, we are incredibly proud to have their range as part of our in-house Stainless and Glass solutions.

About us

At Barrett Steel Balustrade and Walkways, we are proud to supply our quality in-house Fastec Handrail Systems.

Fastec Handrail Systems forms part of the Barrett Steel group. Fastec operates from a purpose designed 3100ft² warehouse and sales facility and holds extensive stocks within the UK. This facility and access to stock ensures rapid next-day turnaround to service and meet all your requirements.

Friendly specialist sales advisors are here to help, offering sales assistance and technical support to ensure you receive the best levels of service and aftercare.

Fastec has established a reputation for outstanding customer service, total reliability, fast delivery, and above all, premium quality products.

All our products are available off the shelf, ready for next-day delivery wherever you are in the UK.

Our team will help you stay within your project's budget without compromising on quality, service, or the aesthetic appearance of your completed installation. And for your complete peace of mind, our products have been independently tested for safety.

Philosophy

Creativity. Innovation. Technical Mastery

These are Fastec Handrail Systems watchwords. Fastec is a progressive business, and we work hard to form long term partnerships with customers to ensure we realise a project's full aesthetic and functional potential.

You can be sure Fastec understands your requirements and the environment in which you operate. Customers choose Fastec again and again, because they know they can rely on our innovative approach and complete commitment to project success.

Our team work closely with yours to ensure budgets and timescales are met. Our expertise and problem-solving skills help guarantee the best outcome for your project and your business.

The result is as important to us as it is to you. That is why we work hard to add value at every step along the way, keeping you on schedule and within budget. Call or email our Balustrade and Walkways team today to have a no-obligation discussion with you about your current and future plans.

Introducing...

Kwik-Lock[®]
Dialed In Adjustment
Patent Application No. 1714477.5



The revolutionary glass adjustment system

- > **Dialed in Adjustment**
- > **Mechanical Fixing**
- > **Twin Locking System**
- > **Click in System**
- > **One Sided Installation**



creativity
innovation
technical mastery

DIALLED IN ADJUSTMENT

Only the **Kwik-Lock** system has a dial and gauge for ease of adjustment. This innovative idea helps adjust and align the glass perfectly by transferring the location of the slider at the bottom onto the gauge at the top. After one panel has been installed simply pre-set the gauges on your next panel identically to ensure an exact alignment every time.



MECHANICAL FIXING

Securing the **Kwik-Lock** wedge couldn't be easier, simply tighten the bolt. This action pulls the wedge down into the channel and naturally tightens up when the wedge finds its resting location. Mechanical tightening provides a more secure fixing and prevents wedge movement at a later date by applying a consistent torque onto the wedge. To speed things up use a battery drill and torque setting to hear a satisfying click as the torque is reached.



TWIN LOCKING SYSTEM

The **Kwik-Lock** system uses two separate fixing methods to provide a safe and secure glass fixing and peace of mind that only having a secondary fixing with multiple touch points can offer. The wedge locks the glass into position when the bolt is tightened, a secondary **Pull Out Block** works with the mechanics of tightening the bolts sliding out securing the glass providing a movement free installation.



CLICK IN SYSTEM

There's nothing more satisfying than hearing a '**CLICK**' when something snaps into place. With the unique locking system integrated into the **Fast-Track** channel and **Kwik-Lock** wedges the two are made for each other. Push the **Kwik-Lock** wedges into the channel and hear the click knowing its placed correctly.



ONE SIDED INSTALLATION

Every element of the **Fast-Track** channel system has been created with practicality and safety in mind. Not only does it look great but has the added benefit of installation from one side, eliminating the need to hire costly scaffolding or lifting equipment and more importantly, installers can work much more safely. These practical and crucial innovations save both time and money making every project more efficient and cost effective.



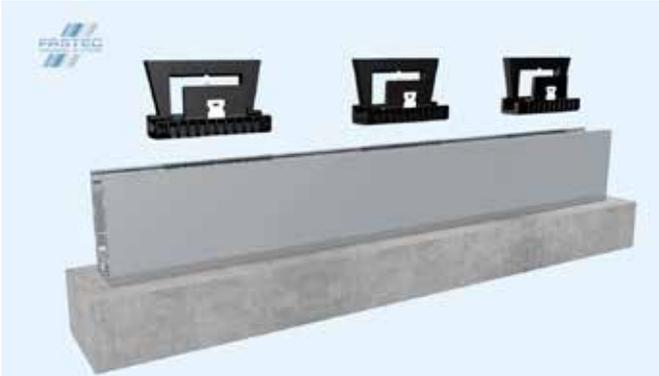
Your complete guide to using the Kwik-Lock system

Kwik-Lock[®] Easy as one, two, three

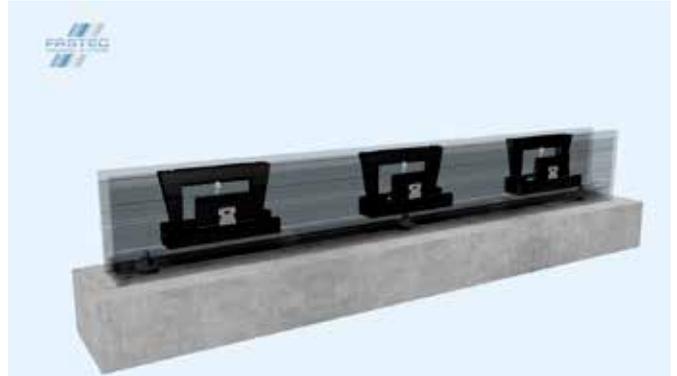
Dialed In Adjustment

Patent Application No. 1714477.5

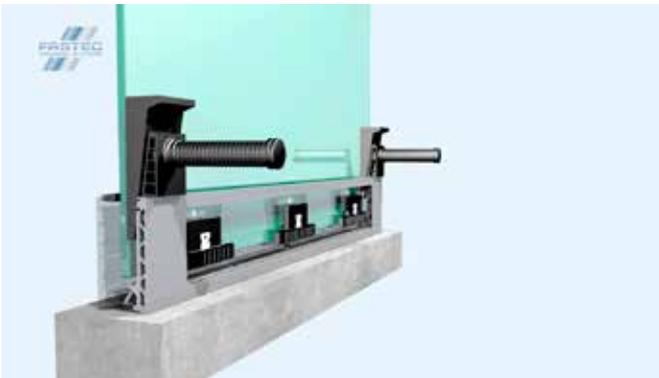
1. Place retainers into track



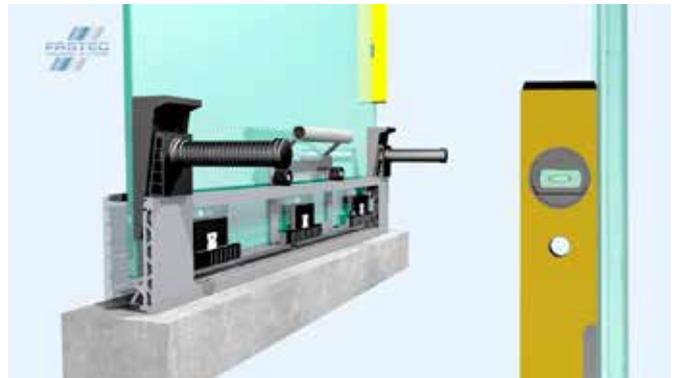
2. Slide retainers into position



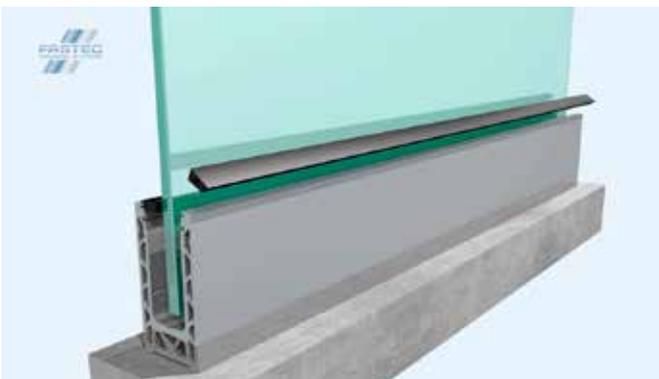
5. Pin glass in place with placement tools



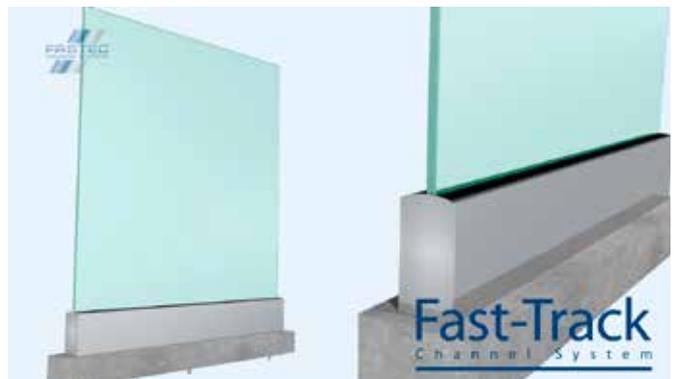
6. Adjust slider using adjustment tool to tilt glass



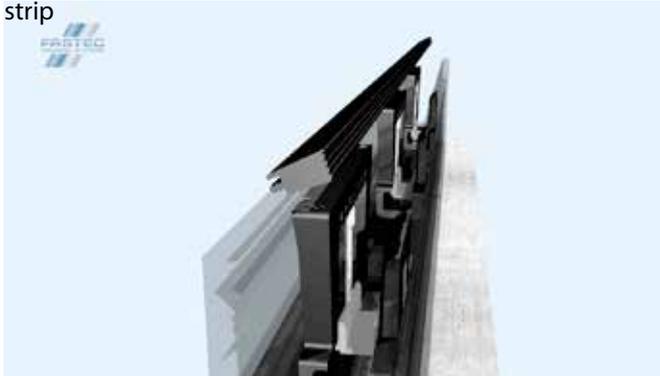
9. Insert front rubber seal strip



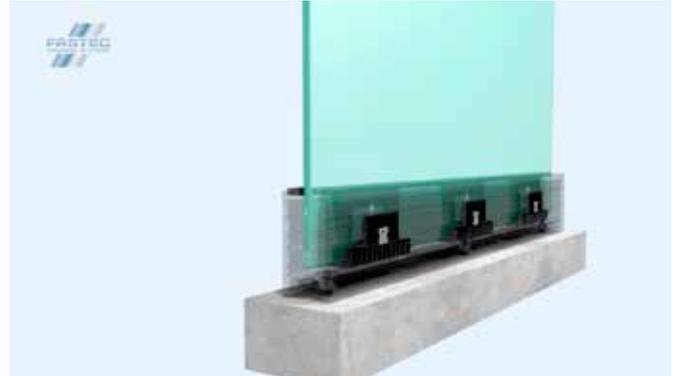
10. Installation complete



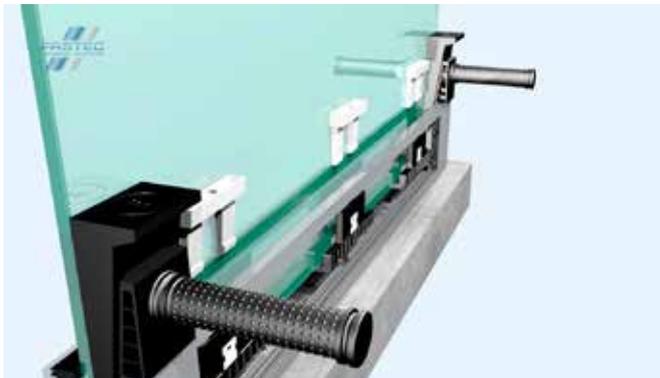
3. Insert rear side rubber seal strip



4. Place glass into position



7. Insert wedges



8. Tighten wedge bolt to lock into position



work quicker,
work smarter,
work Kwik-Lock

Fast-Track[®]

Channel System

Kwik-Lock[®]

Dialed In Adjustment



FAST-TRACK

104-105	LOAD TABLES
106-107	MODEL 1010
108-110	MODEL 1020
112-114	MODEL 2010
116-118	MODEL 2020
120-121	MODEL 3010
122	TOOLS
123	PINS AND BOLTS

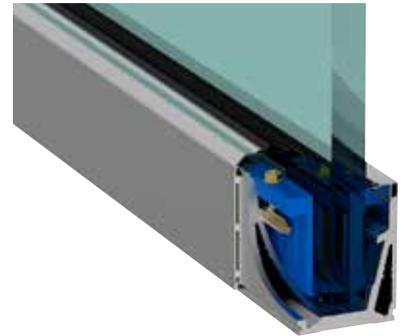
SPIGOTS & GLASS

143	GLASS SPIGOTS
145	GLASS



POSIGLAZE

- 126-127 TOP FIX
- 128 POSIGLAZE BLACK
- 130-132 SIDE FIX
- 133 MEGAGRIP



HANDRAIL & FITTINGS

- 135 'U' PROFILE
- 136-137 ROUND PROFILE
- 138 RECTANGULAR PROFILE
- 139-140 ROUND MIRROR

ALU-RAIL

- 147 ALU-RAIL



safety first solutions for every space

For individual installations of glass balustrades you can choose between base or side fixed profiles. The construction you attach the balustrade to plays an important role in the choice of system, and whether a side mount or a top mount profile is required.

The following pages show you our range of products. All the systems are modular, which means you can assemble your own selection of products to fulfil your project designs easily and conveniently.

Glass balustrades must meet the requirements of British Standards. The Glass-tec profiles have been independently tested to ensure the safety of your installation.

Please refer to the chart, so you can see at a glance which systems can be used in your construction project.



	Model		Test House	Mount Type
Page 106	1010		JAMES FISHER	Top Mount Bolt Centres
Page 108	1020		JAMES FISHER	Side Mount Bolt Centres
Page 112	2010		JAMES FISHER	Top Mount Bolt Centres
Page 116	2020		JAMES FISHER	Side Mount Bolt Centres
Page 120	3010		JAMES FISHER	Top Mount Bolt Centres
Page 126	Posi-glaze		SANDBERG	Top Mount Bolt Centres
Page 130	Posi-glaze		SANDBERG	Side Mount Bolt Centres
Page 133	Megagrip		LUCIDEON	Top Mount Bolt Centres

* Full test data can be provided on request.



INTERNAL HOUSING 0.36KN

**EXTERNAL HOUSING 0.74KN
OFFICE FUNCTION 0.74KN**

PUBLIC AREAS 1.5KN

STADIUM FUNCTION 3.0KN

Kwik-Lock
Relatively light constructions can be designed for applications in homes. The glass balustrade must be able to withstand 0.36 kN per linear metre.

Kwik-Lock
Glass balustrades used for external housing and offices require thicker glass. The glass balustrade must be able to withstand 0.74 kN per linear metre.

Kwik-Lock
The extensive use associated with public spaces requires the use of heavier materials to guarantee safety. The glass balustrade must be able to withstand 1.5 kN per linear metre.

Kwik-Lock MAX
Stadium criteria requires the most robust solutions. Glass thickness even for heavy loads. The glass balustrade must be able to withstand 3.0 kN per linear metre.

Achieved	Glass Thickness	
	mm	mm
✓	12	13.52
	600	600
✓	12	13.52
	600	600
✓	12	13.52
	400	400
✓	12	13.52
	400	400
✓	12	13.52
	600	600
✓	12	13.52
	600	600
✓	15	200
	200	200
✓	15	200
	200	200
✓	15	200
	200	200

Achieved	Glass Thickness	
	mm	mm
✓	15	17.52
	600	600
✓	15	17.52
	600	600
✓	15	17.52
	400	400
✓	15	17.52
	600	600
✓	15	17.52
	600	600
✓	15	17.52
	600	600
✓	15	17.52
	600	600
✓	15	17.52
	600	600

Achieved	Glass Thickness	
	mm	mm
✓	21.52	21.52
	400	400
✓	21.52	21.52
	200	200
✓	21.52	21.52
	200	200
✓	21.52	21.52
	200	200
✓	21.52	21.52
	200	200
✓	21.52	21.52
	200	200
✓	21.52	21.52
	200	200
✓	21.52	21.52
	200	200

Achieved	Glass Thickness
	mm
✓	25.52
	200
✓	25.52
	200
✓	25.52
	200
✓	25.52
	200
✓	25.52
	200
✓	25.52
	200
✓	25.52
	200
✓	25.52
	200
✓	25, 25.52, 31.52, 33
	200

Please refer to Table 2 of BS6180 for full details/clarification on imposed loads.

Fast-Track[®]

MODEL 1010

0.36-3kN TOP MOUNT

- Brushed Anodised finish
- Upto 600mm bolt centres
- Water drainage holes
- Glass thickness range 12-25.52mm
- Joining Pins
- Made with Recycled Aluminium

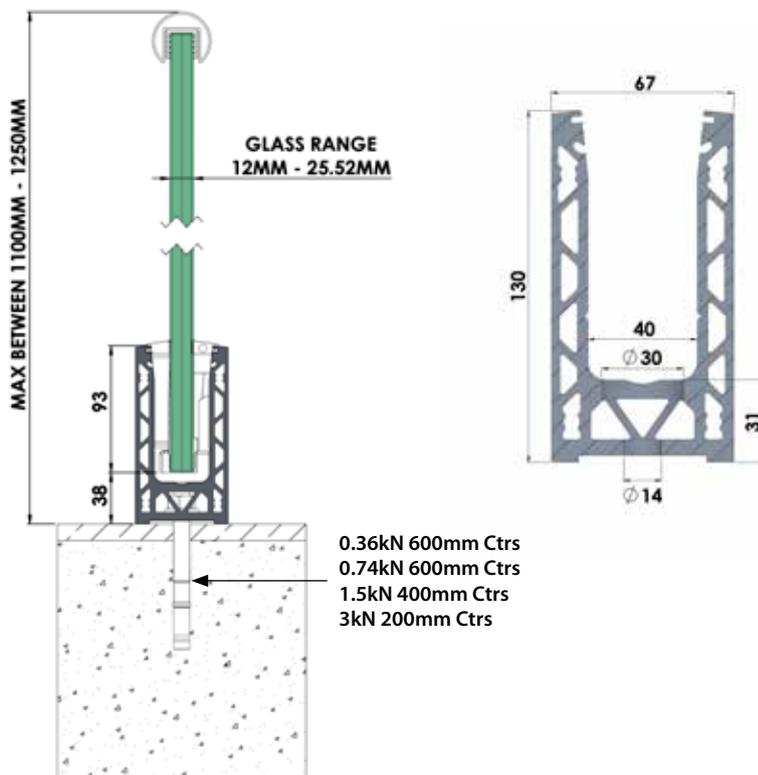


40% RECYCLED ALUMINIUM

See Page 21

TESTED
to
BS6180

James Fisher
Testing Services



See page 236 for mounting instructions



▶ Model 1010 Profile		Aluminium	Outdoor
CODE	L		
11.1010.025.A	2500	✓	1
11.1010.050.A	5000	✓	1



▶ Model 1010 Inside/Outside Corner		Aluminium	Outdoor
CODE			
11.1010.200.A		✓	1



▶ Model 1010 End Cap		Aluminium	Outdoor
CODE			
11.1010.300.A			1



▶ Model 1010 End Cap for Stairs		Aluminium	Outdoor
CODE			
11.1010.301.A			1



▶ Model 7001 Extension Pin		G316	Outdoor
CODE			
36.9201.406.R			8



▶ Model 0125/0150 1.5kN Kwik-Lock				Outdoor
CODE	USE kN	GLASS	L	
50.0125.012.W	0.36	12	2500	1
50.0125.013.W	0.36	13.52	2500	1
50.0125.015.W	0.74	15	2500	1
50.0125.017.W	0.74	17.52	2500	1
50.0125.021.W	1.5	21.52	2500	1
50.0150.012.W	0.36	12	5000	1
50.0150.013.W	0.36	13.52	5000	1
50.0150.015.W	0.74	15	5000	1
50.0150.017.W	0.74	17.52	5000	1
50.0150.021.W	1.5	21.52	5000	1



▶ Model 9512 Mounting Anchor		Zintec	Outdoor
CODE			
20.9512.120.Z			20



▶ Model 0250 3kN Kwik-Lock MAX				Outdoor
CODE	USE kN	GLASS	L	
50.0250.025.W	3.0	25.52	5000	1



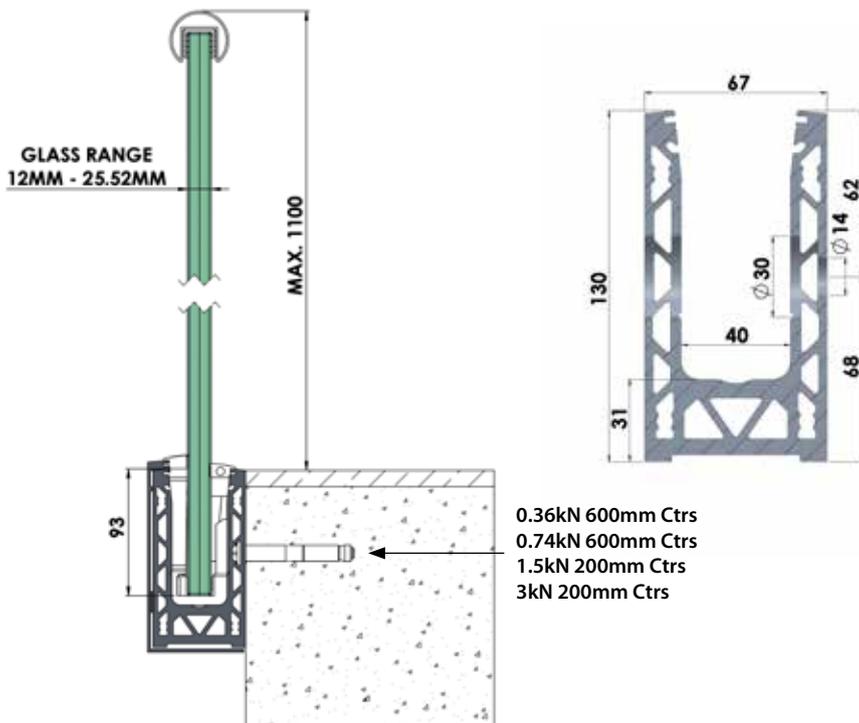
Fast-Track[®]

MODEL 1020 0.36-3kN SIDE MOUNT

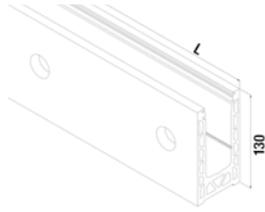
- Brushed Anodised finish
- Upto 600mm bolt centres
- Water drainage holes
- Glass thickness range 12-25.52mm
- Joining Pins
- Made with Recycled Aluminium

 **40% RECYCLED ALUMINIUM**
See Page 21

TESTED
to **BS6180**  



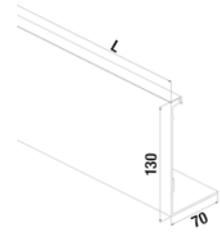
See page 237 for mounting instructions



► **Model 1020 Glass Profile**

Aluminium Outdoor

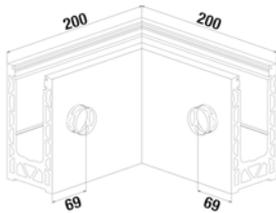
CODE	L		
11.1020.025.A	2500	✓	1
11.1020.050.A	5000	✓	1



► **Model 1020 Cladding**

Aluminium Outdoor

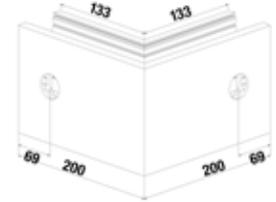
CODE	L		
11.1020.125.A	2500	✓	1
11.1020.150.A	5000	✓	1



► **Model 1020 Inside Corner**

Aluminium Outdoor

CODE		
11.1020.210.A	✓	1



► **Model 1020 Outside Corner**

Aluminium Outdoor

CODE		
11.1020.250.A	✓	1



► **Model 1020 End Cap**

Aluminium Outdoor

CODE	
11.1020.300.A	1



► **Model 1020 End Cap for stairs**

Aluminium Outdoor

CODE	
11.1020.301.A	1



► **Model 1020 End Cap for cladding**

Aluminium Outdoor

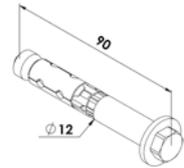
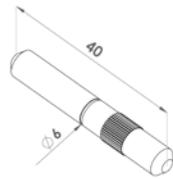
CODE	HAND	
11.1020.305.A	Left	1
11.1020.315.A	Right	1



► **Model 1020 End Cap for Stairs & Cladding**

Aluminium Outdoor

CODE	HAND	
11.1020.306.A	Left	1
11.1020.316.A	Right	1



▶ Model 7001 Extension Pin		G316	Outdoor
CODE			
36.9201.406.R			8

▶ Model 9612 Mounting Anchor		Zintec	Outdoor
CODE			
20.9612.090.Z			20



▶ Model 0125/0150 1.5kN Kwik-Lock				Outdoor
CODE	USE kN	GLASS	L	
50.0125.012.W	0.36	12	2500	1
50.0125.013.W	0.36	13.52	2500	1
50.0125.015.W	0.74	15	2500	1
50.0125.017.W	0.74	17.52	2500	1
50.0125.021.W	1.5	21.52	2500	1
50.0150.012.W	0.36	12	5000	1
50.0150.013.W	0.36	13.52	5000	1
50.0150.015.W	0.74	15	5000	1
50.0150.017.W	0.74	17.52	5000	1
50.0150.021.W	1.5	21.52	5000	1

▶ Model 0250 3kN Kwik-Lock MAX				Outdoor
CODE	USE kN	GLASS	L	
50.0250.025.W	3.0	25.52	5000	1



Helping your project meet the demands of Sustainable Construction

All Fast-Track system profiles are manufactured from an average of 36-40% recycled aluminium, if a project requires a more specific higher requirement, then this can be reviewed and discussed on a case-by-case basis.

Recycling is a critical part of the modern aluminium business. As one of the most recycled—and recyclable—materials in use today the process involves simply re-melting the metal, which is far less expensive and energy-intensive than creating new aluminium. A recycled aluminium window frame, door or drinks can is often recycled directly back into itself for a more circular and sustainable economy.

Environmental Benefits

- > Recycling aluminium uses 95% less energy than producing primary aluminium.
- > Saves 97% of greenhouse gas emissions produced in primary production process.
- > Recycling 1 tonne of aluminium saves 9 tonnes of CO2 emissions (1 tonne of CO2 is equivalent to driving over 3,500 miles).
- > Recycling 1 tonne of aluminium saves 4 tonnes of bauxite – the raw material from which aluminium is made.
- > Aluminium is 100 per cent recyclable, so carbon savings increase every time it passes through the recycling loop.
- > Aluminium is an infinitely recyclable material.
- > Nearly 75% of all aluminium ever produced is still in use today.

Fast-Track[®]
Channel System



Fast-Track[®]

MODEL 2010

0.36-3kN TOP MOUNT

- Brushed Anodised finish
- Upto 600mm bolt centres
- Water drainage holes
- Glass thickness range 12-25.52mm
- Joining Pins
- Made with Recycled Aluminium

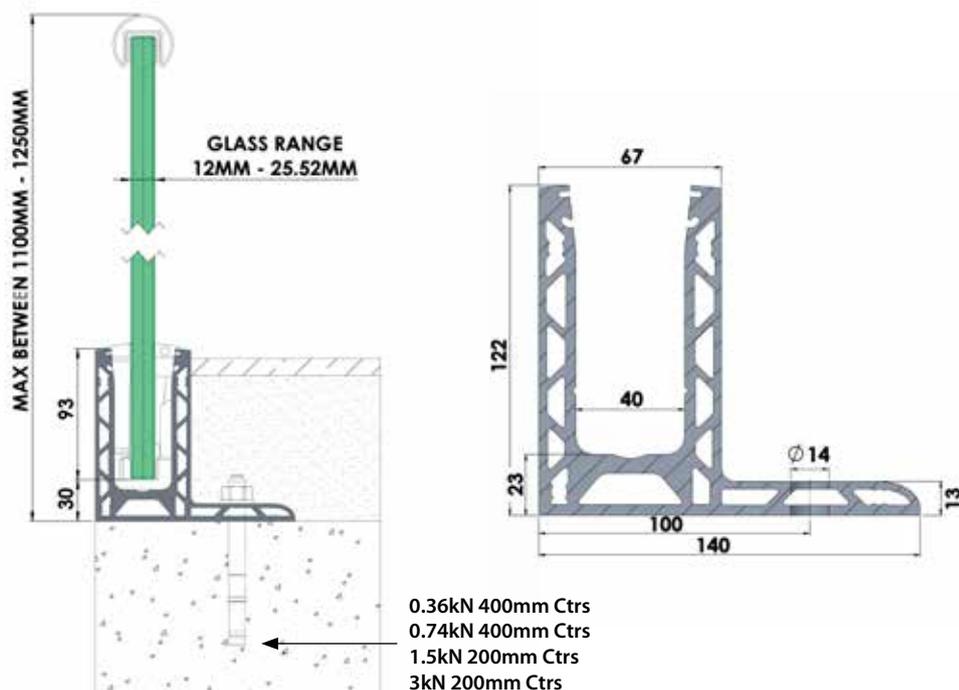


40% RECYCLED ALUMINIUM

See Page 21

TESTED
to
BS6180

James Fisher
Testing Services



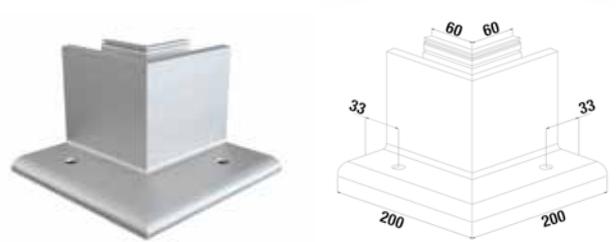
See page 238 for mounting instructions



► **Model 2010 Profile**

Aluminium **Outdoor**

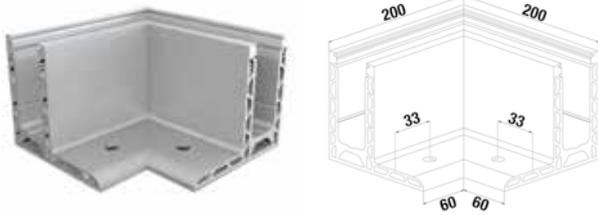
CODE	L		
11.2010.025.A	2500	✓	1
11.2010.050.A	5000	✓	1



► **Model 2010 Inside Corner**

Aluminium **Outdoor**

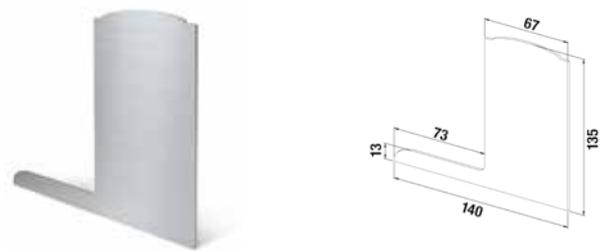
CODE		
11.2010.210.A	✓	1



► **Model 2010 Outside Corner**

Aluminium **Outdoor**

CODE		
11.2010.250.A	✓	1



► **Model 2010 End Cap**

Aluminium **Outdoor**

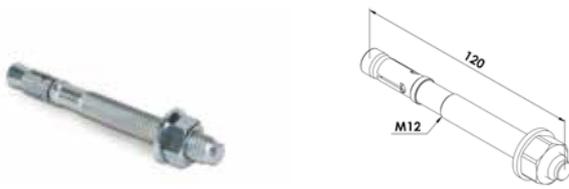
CODE	HAND	
11.2010.300.A	Left	1
11.2010.310.A	Right	1



► **Model 7001 Extension Pin**

G316 **Outdoor**

CODE	
36.9201.406.R	8



► Model 9512 Mounting Anchor		Zintec	Outdoor
CODE			
20.9512.120.Z			20



► Model 0125/0150 1.5kN Kwik-Lock				Outdoor
CODE	USE kN	GLASS	L	
50.0125.012.W	0.36	12	2500	1
50.0125.013.W	0.36	13.52	2500	1
50.0125.015.W	0.74	15	2500	1
50.0125.017.W	0.74	17.52	2500	1
50.0125.021.W	1.5	21.52	2500	1
50.0150.012.W	0.36	12	5000	1
50.0150.013.W	0.36	13.52	5000	1
50.0150.015.W	0.74	15	5000	1
50.0150.017.W	0.74	17.52	5000	1
50.0150.021.W	1.5	21.52	5000	1

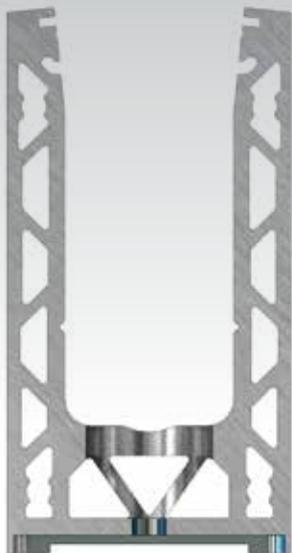


► Model 0250 3kN Kwik-Lock MAX				Outdoor
CODE	USE kN	GLASS	L	
50.0250.025.W	3.0	25.52	5000	1

DRAINAGE SOLUTIONS

Integral Drainage Solution

Model 1010

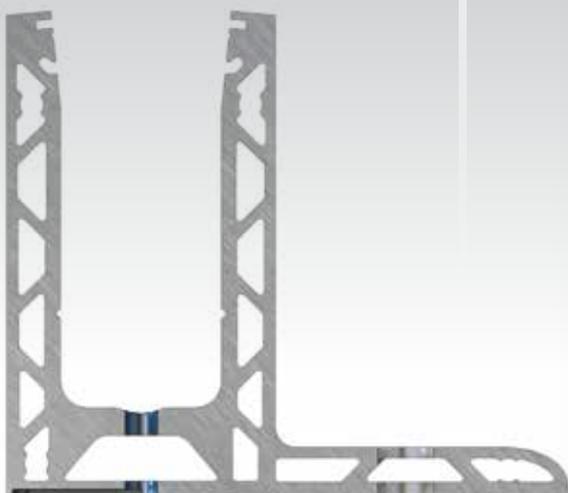


Model 1020



Using the **Fast-Track** base systems has never been easier as we have included a drainage solution on each profile design. This solution allows water that can potentially seep inside of the channel to drain away preventing pooling of water. The same integral system on the **Model 1010** top fix channel allows the outer faces to be filed away to prevent build-up of water on the outside caused by the fall on the floor allowing the water to pass through.

Model 2010



Model 2020



Model 3010



Fast-Track[®]

MODEL 2020 0.36-3kN SIDE MOUNT

- Brushed Anodised finish
- Upto 600mm bolt centres
- Water drainage holes
- Glass thickness range 12-25.52mm
- Joining Pins
- Made with Recycled Aluminium

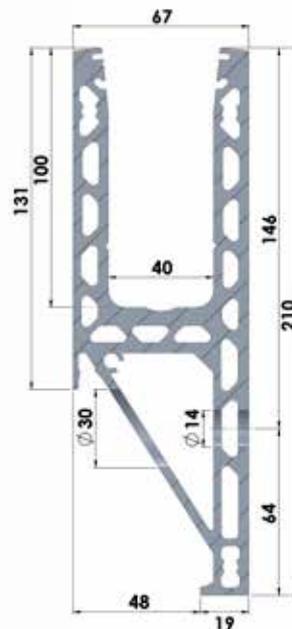
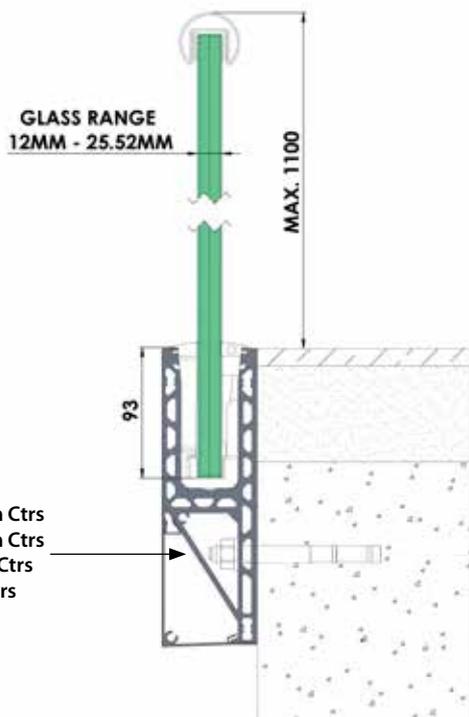


40% RECYCLED ALUMINIUM

See Page 21

TESTED to BS6180

James Fisher Testing Services



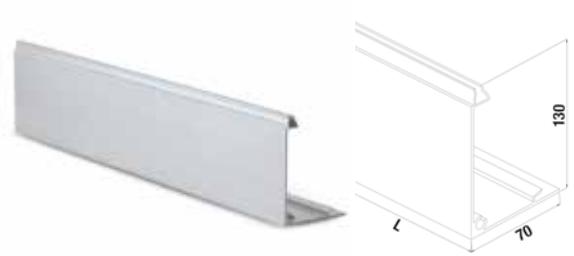
See page 239 for mounting instructions



► **Model 2020 Glass Profile**

Aluminium Outdoor

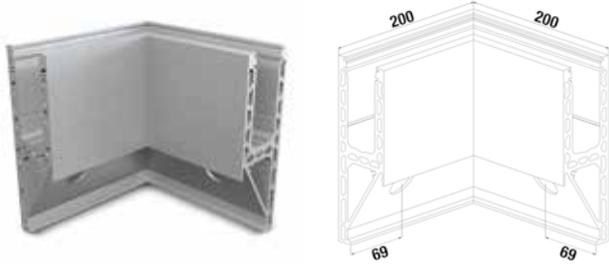
CODE	L		
11.2020.025.A	2500	✓	1
11.2020.050.A	5000	✓	1



► **Model 2020 Cladding**

Aluminium Outdoor

CODE	L		
11.2020.125.A	2500	✓	1
11.2020.150.A	5000	✓	1



► **Model 2020 Inside Corner**

Aluminium Outdoor

CODE		
11.2020.210.A	✓	1



► **Model 1020 Outside Corner**

Aluminium Outdoor

CODE		
11.2020.250.A	✓	1



► **Model 2020 End Cap**

Aluminium Outdoor

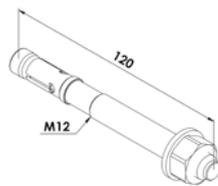
CODE	HAND	
11.2020.300.A	Left	1
11.2020.310.A	Right	1



► **Model 7001 Extension Pin**

G316 Outdoor

CODE	
36.9201.406.R	8



► Model 9512 Mounting Anchor		Zintec	Outdoor
CODE			
20.9512.120.Z			20



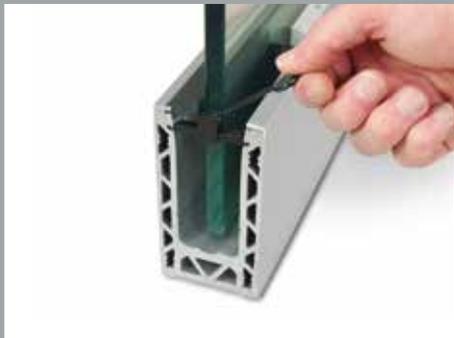
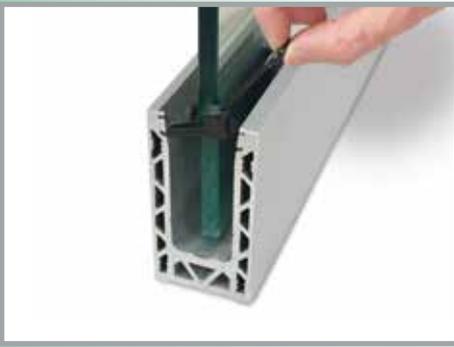
► Model 0125/0150 1.5kN Kwik-Lock					Outdoor
CODE	USE kN	GLASS	L		
50.0125.012.W	0.36	12	2500	1	
50.0125.013.W	0.36	13.52	2500	1	
50.0125.015.W	0.74	15	2500	1	
50.0125.017.W	0.74	17.52	2500	1	
50.0125.021.W	1.5	21.52	2500	1	
50.0150.012.W	0.36	12	5000	1	
50.0150.013.W	0.36	13.52	5000	1	
50.0150.015.W	0.74	15	5000	1	
50.0150.017.W	0.74	17.52	5000	1	
50.0150.021.W	1.5	21.52	5000	1	



► Model 0250 3kN Kwik-Lock MAX					Outdoor
CODE	USE kN	GLASS	L		
50.0250.025.W	3.0	25.52	5000	1	

Link Connectors

Bridging the gap between balustrade and glass



what,
why,
how

the why

With most glazing systems using rubber seals running parallel with the glass creates a gap between adjoining glass panels. This gap is not only unsightly and makes the installation look unfinished but also allows water penetration into the channel.

the what

Fastec have designed and introduced Link Connectors within the **Kwik-Lock** fixing kits. These creative connectors easily and permanently fill the gap between adjoining panels.

the how

Insert and click the link connector into the recesses within the base channel, slide the block to the middle, cut the required length of gasket to size and stick into position.

Fast-Track[®]

MODEL 3010 0.74kN TOP MOUNT

- Brushed Silver Anodised finish
- Black Anodised finish
- Upto 600mm bolt centres
- Water drainage holes
- Glass thickness range 12-21.52mm
- Joining Pins
- Manufactured with Recycled Aluminium

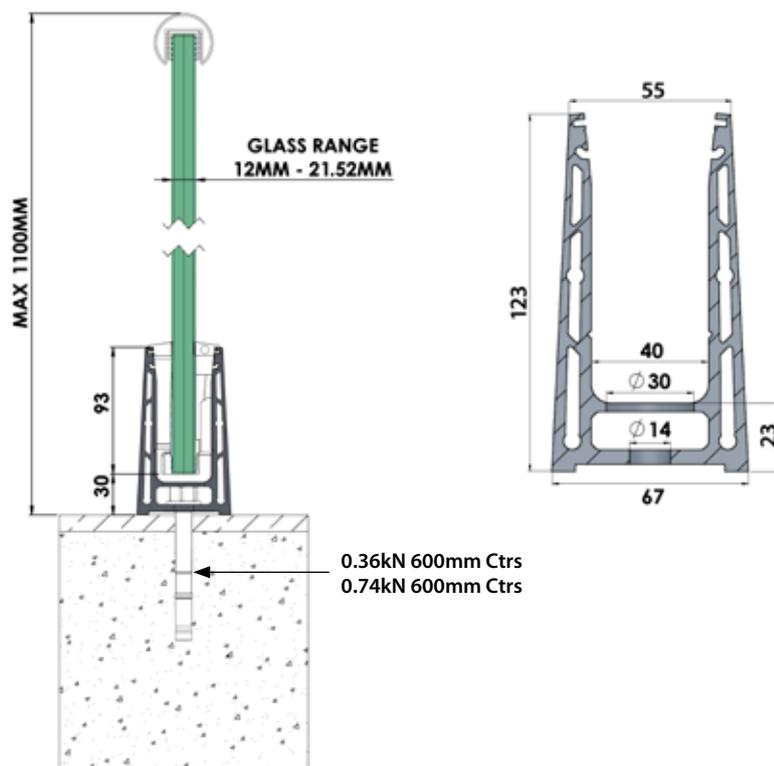


40% RECYCLED ALUMINIUM

See Page 21

TESTED
to
BS6180

James Fisher
Testing Services



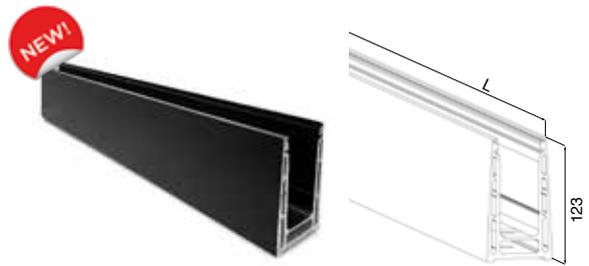
See page 240 for mounting instructions



► **Model 3010 Profile**

Aluminium Outdoor

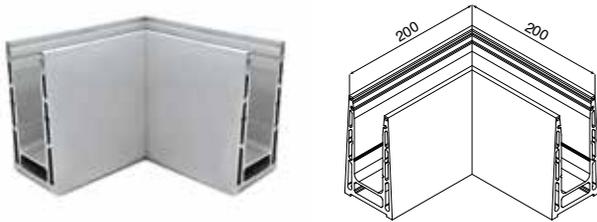
CODE	L		
11.3010.025.A	2500	✓	1
11.3010.050.A	5000	✓	1



► **Model 3010 Profile**

Aluminium Outdoor

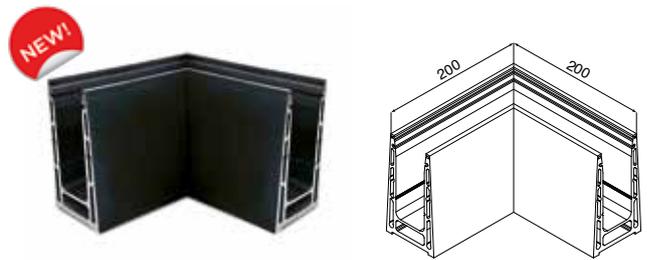
CODE	L		
11.3010.025.BK	2500	✓	1
11.3010.050.BK	5000	✓	1



► **Model 3010 Inside/Outside Corner**

Aluminium Outdoor

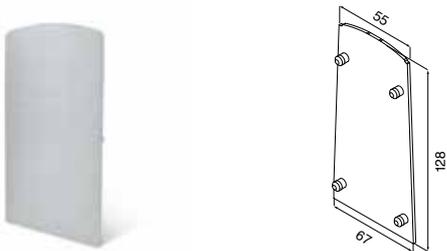
CODE		
11.3010.200.A	✓	1



► **Model 3010 Inside/Outside Corner**

Aluminium Outdoor

CODE		
11.3010.200.BK	✓	1



► **Model 3010 End Cap**

Aluminium Outdoor

CODE	
11.3010.300.A	1



► **Model 3010 End Cap**

Aluminium Outdoor

CODE	
11.3010.300.BK	1



► **Model 0125/0150 1.5kN Kwik-Lock**

Outdoor

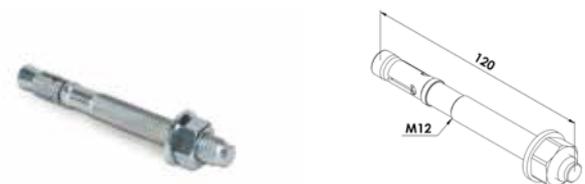
CODE	USE kN	GLASS	L	
50.0125.012.W	0.36	12	2500	1
50.0125.013.W	0.36	13.52	2500	1
50.0125.015.W	0.74	15	2500	1
50.0125.017.W	0.74	17.52	2500	1
50.0125.021.W	1.5	21.52	2500	1
50.0150.012.W	0.36	12	5000	1
50.0150.013.W	0.36	13.52	5000	1
50.0150.015.W	0.74	15	5000	1
50.0150.017.W	0.74	17.52	5000	1
50.0150.021.W	1.5	21.52	5000	1



► **Model 7001 Extension Pin**

G316 Outdoor

CODE	
36.9201.406.R	8



► **Model 9512 Mounting Anchor**

Zintec Outdoor

CODE	
20.9512.120.Z	20

TOOLS/ACCESSORIES



► Model 9500 Tool Kit

CODE	1
10.9500.000.T	1



► Model 9504 Adjustment Tool

CODE	1
10.9504.000.T	1



► Model 9505 Placement Blocks

CODE	2
10.9505.000.T	2



► Model 9506 Wedge Removal Tool

CODE	1
10.9506.000.T	1



► Model 9507 Flex Extension c/w Hex Bit

CODE	1
10.9507.000.T	1

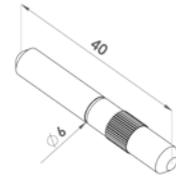


► Model 9510 Silver Silicone

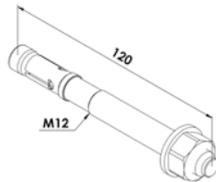
CODE	1
10.9510.000.T	1



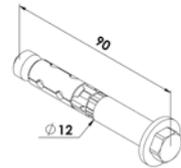
► Model 0150 Replacement Seal Strips		Rubber	Indoor
CODE	L	G	
40.0150.012.R	5000	12	2
40.0150.013.R	5000	13.52	2
40.0150.015.R	5000	15	2
40.0150.017.R	5000	17.52	2
40.0150.021.R	5000	21.52	2



► Model 7001 Extension Pin		G316	Outdoor
CODE			
36.9201.406.R			8



► Model 9512 Mounting Anchor		Zintec	Outdoor
CODE			
20.9512.120.Z			20



► Model 9612 Mounting Anchor		Zintec	Outdoor
CODE			
20.9612.090.Z			20

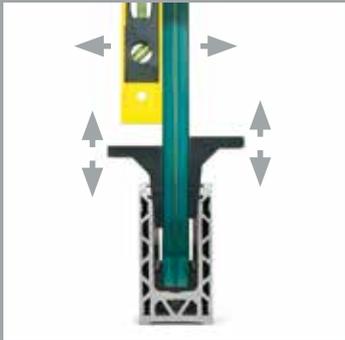
INFO





KWIK-LOCK MAX ACHIEVES 3.0KN WITH 25.52MM GLASS

Having experience in the cost, weight and difficulties of handling 31.52mm glass that many other systems use to achieve 3.0kN loadings we were determined to be a class leader and reduce this to 25.52mm. All **Fast-Track** systems using **Kwik-Lock MAX** achieves 3.0kN with 25.52mm glass offering all the benefits of cost and time savings associated with working with thinner glass whilst providing a more minimalistic appearance.



SIMPLE ADJUSTABILITY

The **Kwik-Lock Max** system includes the ability to tilt and align the glass panels easily by simply moving the placement wedges higher or lower within the top of the channel by hand. This action allows the glass to tilt forwards or backwards. This top adjustment removes the difficulties of adjusting the heavier glass thicknesses at the bottom due to the increased weights and friction incurred making the lower mechanical adjustment restrictive.



SEMI WET FIX SYSTEM

The **Kwik-Lock Max** uses a combination of both lower glass holders and a thin top layer of **Arbokol Balustrade Sealant** to secure the glass into position. This dual system ensures maximum strength and versatility for securing the glass when higher side loadings are required..



DRY FIX AND ALIGN MULTIPLE PANELS

With the unique dual fixing system which is utilised with the **Kwik-Lock Max** to align and support the glass in position until the Balustrade sealant has been laid, means that a full row or multiple panels of glass can be dry fixed and secured in place ensuring full alignment and easy adjustment until the installer is happy to add the sealant to permanently secure the glass in position.



ONE PROFILE, ONE DESIGN, ONE PRICE FOR ALL INSTALLATIONS

Having the confidence to install the same profile in any situation was a major factor in our thinking when designing the **Fast-Track** range. We wanted a single solution that would be elegant enough for the smallest project but robust enough to comply with the largest loading criteria when needed. Our profiles are utilised with either the **Kwik-Lock** or **Kwik-Lock Max** wedge kits to meet all your installation requirements.

Introducing...

Kwik-Lock[®] **MAX**

For Maximum Strength

- > **3.0kN with 25.52mm Glass**
- > **Simple Adjustability**
- > **Semi Wet Fix System**
- > **Dry Fix and Align**
- > **One Profile, One Design, One Price**

power
strength
performance



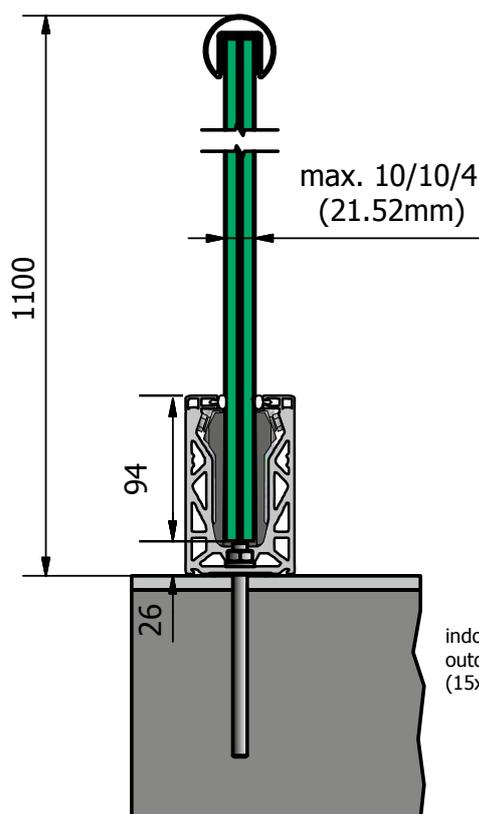
Glass-tec

POSI-GLAZE 1.5kN TOP MOUNT

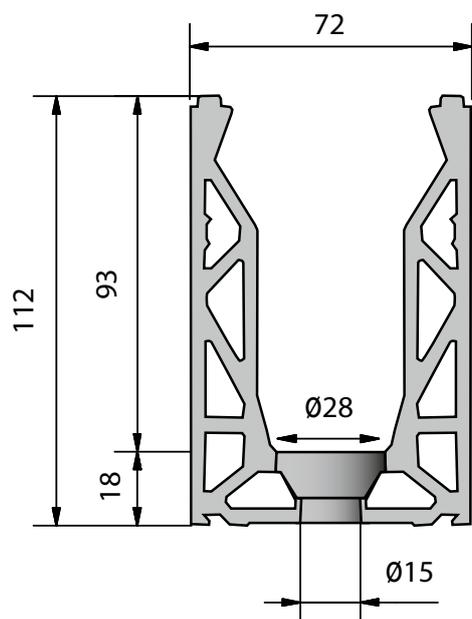
- Slender, attractive design and low maintenance
- Fast and easy glass adjustment
- Extension pin ducts
- Can be clad both sides
- Glass thickness range 12-21.52mm

APPROVED
according to
BS6180

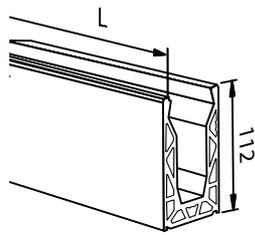
SANDBERG



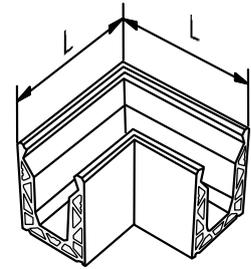
indoor: 91.3511.015.81
outdoor: 91.3511.015.30
(15x/3mtr)



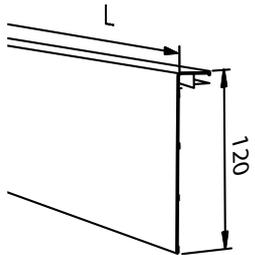
See page 244 for mounting instructions



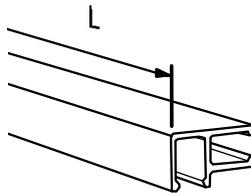
▶ Model PGC Glass profile		Aluminium	Outdoor
CODE	L		
PGC-010	3000		1



▶ Model PGA Corner		Aluminium	Outdoor
CODE	L		
PGA-090	136		1

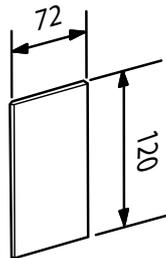


▶ Model PGA Side Cladding		Aluminium	Outdoor
CODE	L		
PGA-010	3000		1



▶ Model PGA Top seal strip		Aluminium	Outdoor
CODE	L		
PGA-030	3000		1

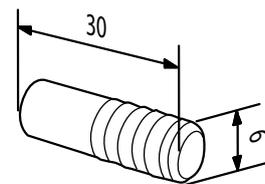
(2 No. required as per drawing page 126)



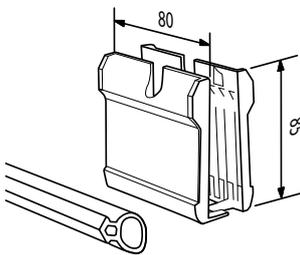
▶ Model PGA End Cap		Aluminium	Outdoor
CODE			
PGA-060			1



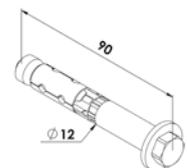
▶ Model PGA Spanner		Steel	
CODE			
PGA-050			1



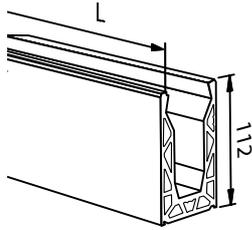
▶ Model PGA Extension pin		AISI 316	Outdoor
CODE			
PGA-070			1



▶ Model PGB Clamp kit		GLASS	L	
CODE				
PGB-0012		12	3000	1
PGB-0013		13.5	3000	1
PGB-0015		15	3000	1
PGB-0017		17.5	3000	1
PGB-0019		19	3000	1
PGB-0021		21.5	3000	1



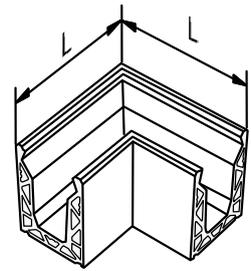
▶ Model 9612 Mounting Anchor		Zintec	Outdoor
CODE			
20.9612.090.Z			20



► **Model PGC Glass Profile**

Aluminium Outdoor

CODE	L	
PGC-010BK	3000	1



► **Model PGA Corner**

Aluminium Outdoor

CODE	L	
PGA-090BK	136	1

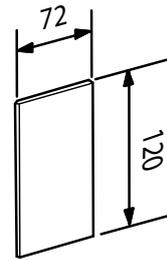


► **Model PGA Top Seal Strip**

Plastic Outdoor

CODE	L	
PGA-030P	3000	1

(2 No. required as per drawing page 126)



► **Model PGA End Cap**

Plastic Outdoor

CODE		
PGA-060PBK		1



► **Model PVA Touch Up Pen**

Steel

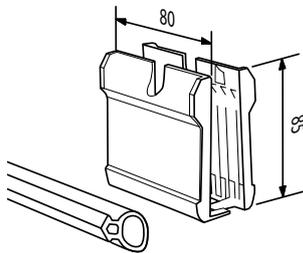
CODE		
PVA-TOUCHBK		1



► **Model PGA Spanner**

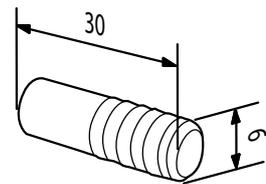
Steel

CODE		
PGA-050		1



► **Model PGB Clamp Kit**

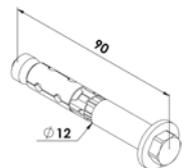
CODE	GLASS	L	
PGB-0012	12	3000	1
PGB-0013	13.5	3000	1
PGB-0015	15	3000	1
PGB-0017	17.5	3000	1
PGB-0019	19	3000	1
PGB-0021	21.5	3000	1



► **Model PGA Extension pin**

AISI 316 Outdoor

CODE		
PGA-070		1

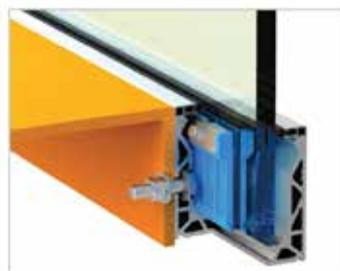
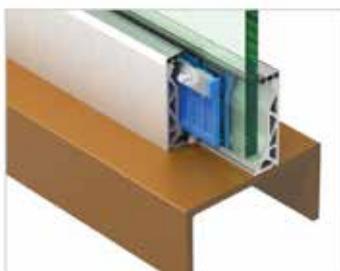
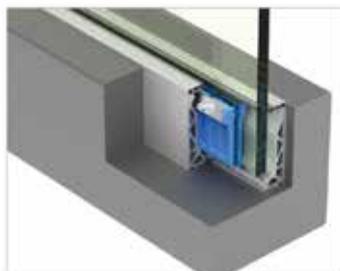
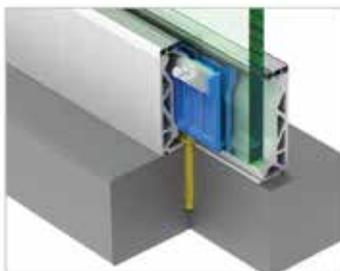


► **Model 9612 Mounting Anchor**

Zintec Outdoor

CODE		
20.9612.090.Z		20

The first fully adjustable balustrade system



FAST AND EASY TO INSTALL AND ADJUST

One of the most simple balustrade systems to fit and adjust thanks to its patented screw-clamp technology. Dry glazed where no specialist tools are required. Glass can easily be removed and replaced if required.

ACCREDITED TO 1.50KN TO BS 6180:2011

POSIglaze is accredited and approved by multiple organisations to verify that it meets national and international building regulations for use as edge protection, where up to 1.50kN force loading is required.

LIGHTWEIGHT AND STRONG

Precision engineered using extruded aluminum with a geometrically hollowed out core; providing an incredible strength to weight ratio. For added protection **POSIglaze** is anodised to 25 microns.

APPROPRIATE FOR DOMESTIC AND COMMERCIAL

With 0.36kN to 1.50kN force loading capability, **POSIglaze** is a domestic to light commercial crossover product, making it an appropriate choice for a wide range of installations.

CAN BE USED WITH A WIDE RANGE OF GLASS TYPES

POSIglaze is a highly versatile product which can be used with glass thicknesses ranging from 12mm - 21.5mm, using either toughened glass, toughened laminate glass or SentryGlas.

SUITABLE FOR USE ON UNEVEN SURFACES

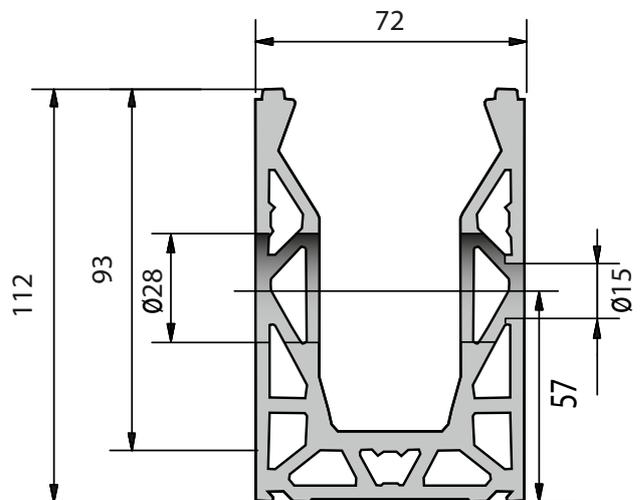
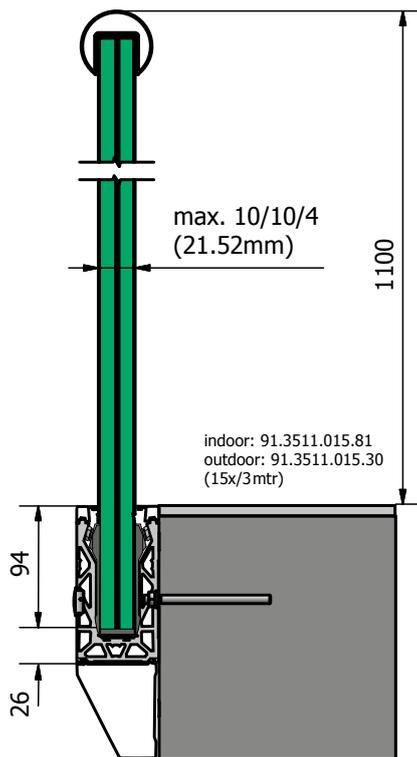
POSIglaze is a highly versatile product which can be used with glass thicknesses ranging from 12mm - 21.5mm, using either toughened glass, toughened laminate glass or SentryGlas.

Glass-tec

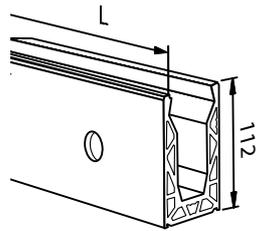
POSI-GLAZE 0.74kN SIDE MOUNT

- Slender, attractive design and low maintenance
- Fast and easy glass adjustment
- Extension pin ducts
- Side and bottom cladding available
- Glass thickness range 12-21.52mm

APPROVED
according to
BS6180 **SANDBERG**



See page 244 for mounting instructions

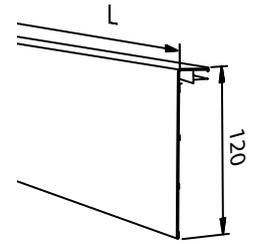


► **Model PGC Glass Profile**

Aluminium

Outdoor

CODE	L	
PGC-020	3000	1

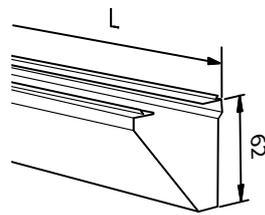
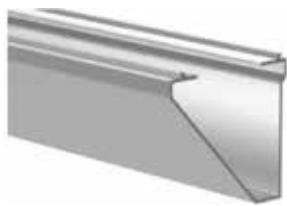


► **Model PGA Side Cladding**

Aluminium

Outdoor

CODE	L	
PGA-010	3000	1

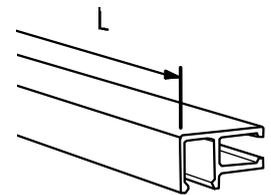
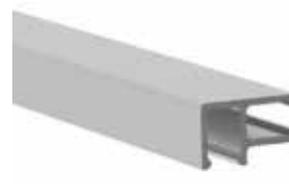


► **Model PGA Bottom Cladding**

Aluminium

Outdoor

CODE	L	
PGA-020	3000	1

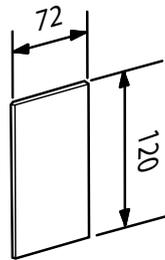


► **Model PGA Top Seal Strip**

Aluminium

Outdoor

CODE	L	
PGA-030	3000	1

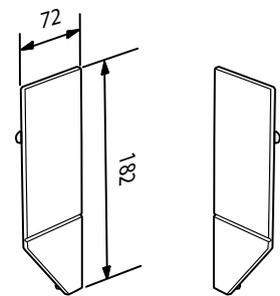


► **Model PGA End Cap**

Aluminium

Outdoor

CODE		
PGA-061	One Side Cladding	1
PGA-062	Two Side Cladding	1

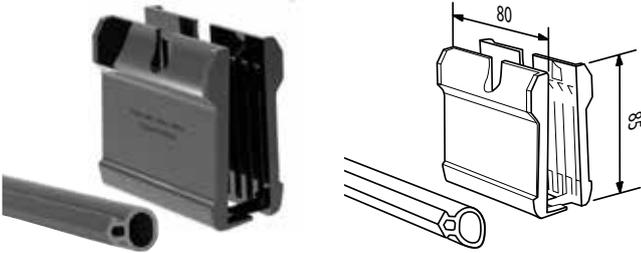


► **Model PGA End Cap**

Aluminium

Outdoor

CODE		
PGA-065R		1
PGA-065L		1



► **Model PGB Clamp Kit**

CODE	GLASS	L	
PGB-0012	12	3000	1
PGB-0013	13.5	3000	1
PGB-0015	15	3000	1
PGB-0017	17.5	3000	1
PGB-0019	19	3000	1
PGB-0021	21.5	3000	1



► **Model PGA Spanner**

Steel

CODE	
PGA-050	1

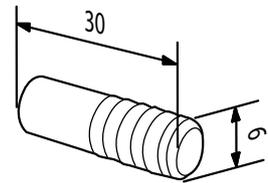


► **Model 9612 Mounting Anchor**

Zintec

Outdoor

CODE	
20.9612.090.Z	20



► **Model PGA Extension Pin**

AISI 316

Outdoor

CODE	
PGA-070	1

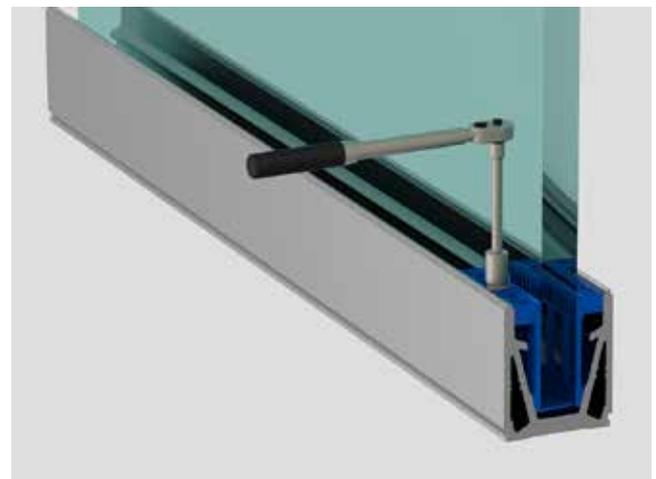
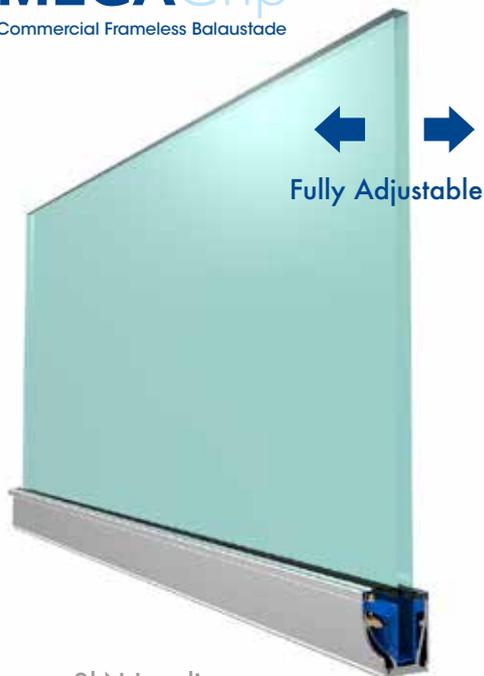
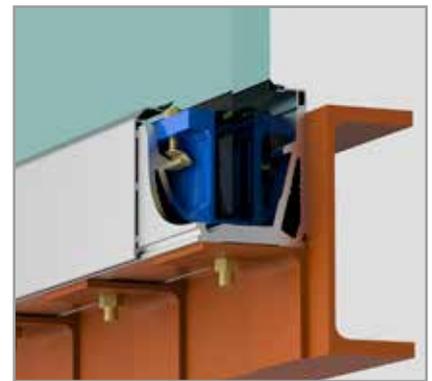
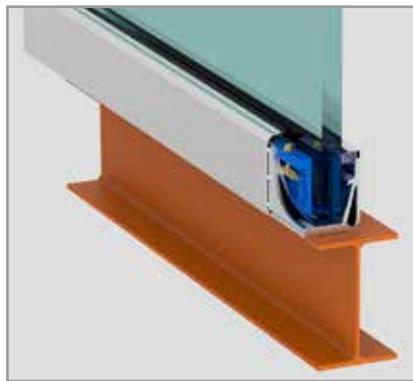
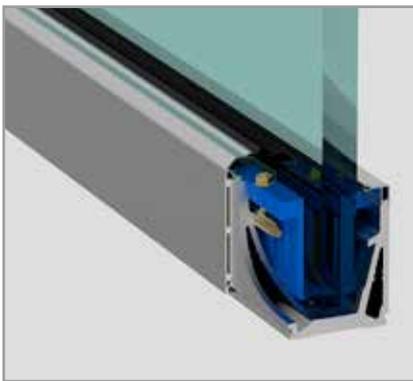


► **Model PGB Top Seal Rubbers**

CODE	GLASS	L	
PGB-0012	12	3000	1
PGB-0013	13.5	3000	1
PGB-0015	15	3000	1
PGB-0017	17.5	3000	1
PGB-0019	19	3000	1
PGB-0021	21.5	3000	1

Need a 3kN system? Then **MEGA**Grip is for you!

Using 25mm glass **MEGA**Grip meets 3kN loadings in a number of scenarios.



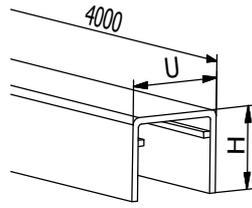
Each panel of glass can be fully adjusted after installation of the channel.

- 3kN Loading
- Simple to install
- No specialised tools
- Durable adonised finish



GLASS HANDRAILS

HANDRAIL/FITTINGS



► Model 7200 U-Handrail

Aluminium Outdoor

CODE	U	H	L	☐
11.7200.027.A	27	23	4000	1
11.7200.031.A	31	29	4000	1



► Model 7220 U-Connector

G304 Outdoor

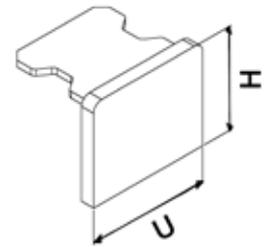
CODE	U	☐
11.7220.027.R	27	1
11.7220.031.R	31	1



► Model 7225 U-Corner Connector

G304 Outdoor

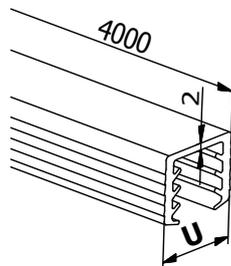
CODE	U	☐
11.7225.027.R	27	1
11.7225.031.R	31	1



► Model 7270 U-End Cap

Aluminium Outdoor

CODE	U	H	☐
11.7270.027.A	27	23	1
11.7270.031.A	31	29	1

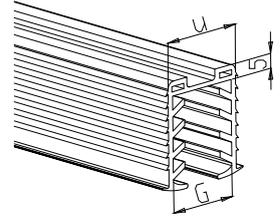
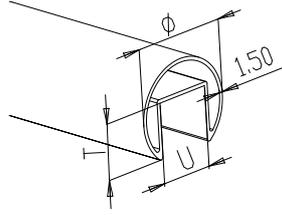


► Model 7027 U-Handrail Rubber

Rubber Outdoor

CODE	L	U	G	☐
40.7027.010.R	4000	27	10-13.52	1
40.7027.015.R	4000	27	15-17.52	1
40.7031.015.R	4000	31	15-17.52	1
40.7031.019.R	4000	31	19-21.52	1

HANDRAIL/FITTINGS



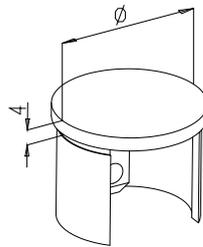
► Model 7000/7100 Handrail		304			Indoor
CODE	L	Ø	T	U	
34.7000.420.S	5000	42.4	24	24	1
34.7000.480.S	5000	48.3	30	27	1
34.7000.600.S	5000	60.3	34	34	1
34.7100.420.S	2500	42.4	24	24	1
34.7100.420.S	2500	48.3	30	27	1
34.7100.600.S	2500	60.3	34	34	1

► Model 7000/7100 Handrail		316			Outdoor
CODE	L	Ø	T	U	
36.7000.420.S	5000	42.4	24	24	1
36.7000.480.S	5000	48.3	30	27	1
36.7100.420.S	2500	42.4	24	24	1
36.7100.600.S	2500	48.3	30	27	1

► Model 7042-42.4mm Rubber Set		Rubber		Outdoor
CODE	L	U	G	
40.7042.010.R	5000	24	8-10	1
40.7042.012.R	5000	24	11.52-13.52	1
40.7042.015.R	5000	24	15-16.76	1
40.7042.019.R	5000	24	17.52-19	1
40.7042.020.R	5000	24	21.52	1
40.7142.010.R	2500	24	8-10	1
40.7142.012.R	2500	24	11.52-13.52	1
40.7142.015.R	2500	24	15-16.76	1
40.7142.019.R	2500	24	17.52-19	1
40.7142.019.R	2500	24	21.52	1

► Model 7048-48.3mm Rubber Set		Rubber		Outdoor
CODE	L	U	G	
40.7048.012.R	5000	27	11.52-13.52	1
40.7048.015.R	5000	27	15-16.76	1
40.7048.019.R	5000	27	17.52-19	1
40.7048.020.R	5000	27	21.52	1
40.7148.012.R	2500	27	11.52-13.52	1
40.7148.015.R	2500	27	15-16.76	1
40.7148.019.R	2500	27	17.52-19	1
40.7148.020.R	2500	27	21.52	1

► Model 7060-60.3mm Rubber Set		Rubber		Outdoor
CODE	L	U	G	
40.7060.015.R	5000	34	15-18	1
40.7060.019.R	5000	34	18.5-21.5	1
40.7060.025.R	5000	34	22-25	1
40.7160.015.R	2500	34	15-18	1
40.7160.019.R	2500	34	18.5-21.5	1
40.7160.025.R	2500	34	22-25	1

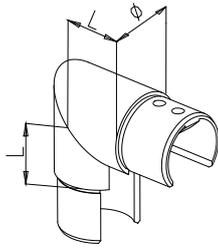


► Model 7070 End cap		304		Indoor
CODE	Ø			
34.7070.420.S	42.4			1
34.7070.480.S	48.3			1
34.7070.600.S	60.3			1



► Model 7070 End cap		316's		Outdoor
CODE	Ø			
36.7070.420.S	42.4			1
36.7070.480.S	48.3			1

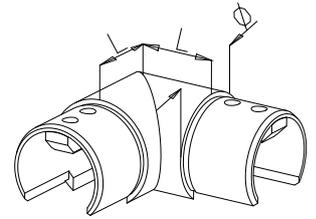
HANDRAIL/FITTINGS



► Model 7010 Elbow		304	Indoor
CODE	L	Ø	☐
34.7010.420.S	30	42.4	1
34.7010.480.S	35	48.3	1
34.7010.600.S	40	60.3	1



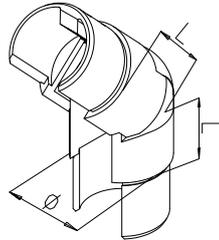
► Model 7010 Elbow		316's'	Outdoor
CODE	L	Ø	☐
36.7010.420.S	30	42.4	1
36.7010.480.S	35	48.3	1



► Model 7020 Elbow		304	Indoor
CODE	L	Ø	☐
34.7020.420.S	30	42.4	1
34.7020.480.S	35	48.3	1
34.7020.600.S	40	60.3	1



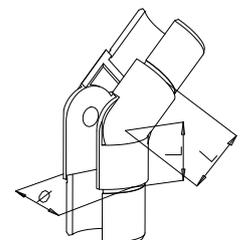
► Model 7020 Elbow		316's'	Outdoor
CODE	L	Ø	☐
36.7020.420.S	30	42.4	1
36.7020.480.S	35	48.3	1



► Model 7030 Adjustable elbow		304	Indoor
CODE	L	Ø	☐
34.7030.420.S	30	42.4	1
34.7030.480.S	35	48.3	1



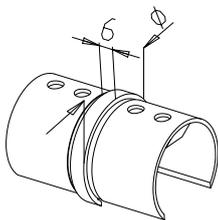
► Model 7030 Adjustable elbow		316's'	Outdoor
CODE	L	Ø	☐
36.7030.420.S	30	42.4	1
36.7030.480.S	35	48.3	1



► Model 7040 Adjustable elbow		304	Indoor
CODE	L	Ø	☐
34.7040.420.S	30	42.4	1
34.7040.480.S	35	48.3	1



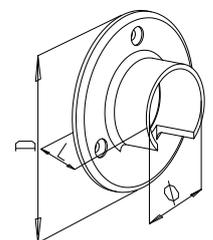
► Model 7040 Adjustable elbow		316's'	Outdoor
CODE	L	Ø	☐
36.7040.420.S	30	42.4	1
36.7040.480.S	35	48.3	1



► Model 7050 Joint connector		304	Indoor
CODE	Ø	☐	
34.7050.420.S	42.4	1	
34.7050.480.S	48.3	1	
34.7050.600.S	60.3	1	



► Model 7050 Joint connector		316's'	Outdoor
CODE	Ø	☐	
36.7050.420.S	42.4	1	
36.7050.480.S	48.3	1	

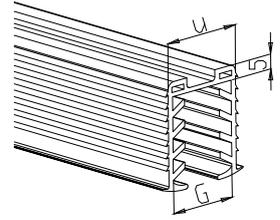
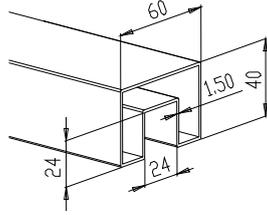


► Model 7060 Wall flange		304	Indoor	
CODE	D	L	Ø	☐
34.7060.420.S	90	30	42.4	1
34.7060.480.S	95	35	48.3	1



► Model 7060 Wall flange		316's'	Outdoor	
CODE	D	L	Ø	☐
36.7060.420.S	90	30	42.4	1
36.7060.480.S	95	35	48.3	1

HANDRAIL/FITTINGS



► Model 7000/7100 Handrail

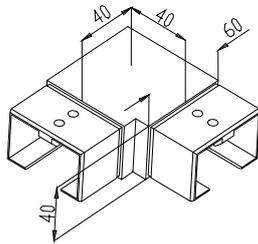
304 Indoor

CODE	L	
34.7000.604.S	5000	1
34.7100.604.S	2500	1

► Model 7042-42.4mm Rubber Set

Rubber Outdoor

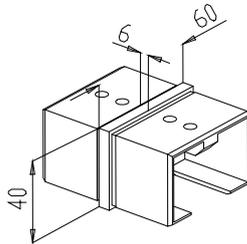
CODE	L	U	G	
40.7042.010.R	5000	24	8-10	1
40.7042.012.R	5000	24	11.52-13.52	1
40.7042.015.R	5000	24	15-16.76	1
40.7042.019.R	5000	24	17.52-19	1
40.7042.020.R	5000	24	21.52	1
40.7142.010.R	2500	24	8-10	1
40.7142.012.R	2500	24	11.52-13.52	1
40.7142.015.R	2500	24	15-16.76	1
40.7142.019.R	2500	24	17.52-19	1
40.7142.019.R	2500	24	21.52	1



► Model 7020 Elbow

304 Indoor

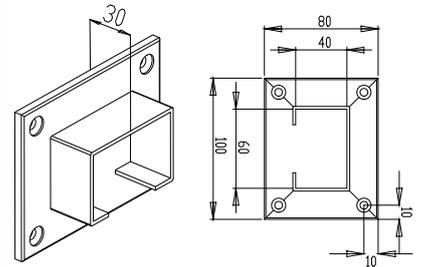
CODE	
34.7020.604.S	1



► Model 7050 Joint connector

304 Indoor

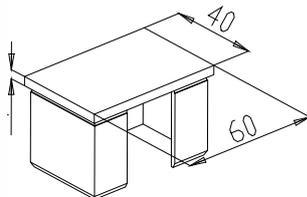
CODE	
34.7050.604.S	1



► Model 7060 Wall flange

304 Indoor

CODE	
34.7060.604.S	1

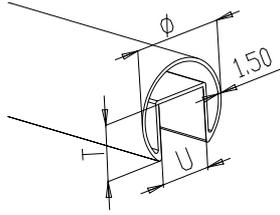


► Model 7070 End cap

304 Indoor

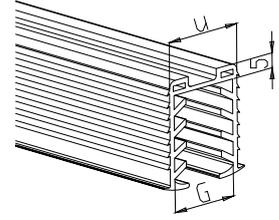
CODE	
34.7070.604.S	1

HANDRAIL/FITTINGS MIRROR POLISHED



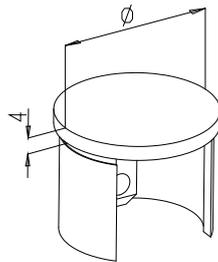
► Model 7000 Handrail		304			Indoor
CODE	L	Ø	T	U	
34.7000.420.M	5000	42.4	24	24	1
34.7000.480.M	5000	48.3	30	27	1

► Model 7000 Handrail		316			Outdoor
CODE	L	Ø	T	U	
36.7000.420.M	5000	42.4	24	24	1
36.7000.480.M	5000	48.3	30	27	1



► Model 7042-42.4mm Rubber Set		Rubber		Outdoor
CODE	L	U	G	
40.7042.010.R	5000	24	8-10	1
40.7042.012.R	5000	24	11.52-13.52	1
40.7042.015.R	5000	24	15-16.76	1
40.7042.019.R	5000	24	17.52-19	1
40.7042.020.R	5000	24	21.52	1
40.7142.010.R	2500	24	8-10	1
40.7142.012.R	2500	24	11.52-13.52	1
40.7142.015.R	2500	24	15-16.76	1
40.7142.019.R	2500	24	17.52-19	1
40.7142.019.R	2500	24	21.52	1

► Model 7048-48.3mm Rubber Set		Rubber		Outdoor
CODE	L	U	G	
40.7048.012.R	5000	27	11.52-13.52	1
40.7048.015.R	5000	27	15-16.76	1
40.7048.019.R	5000	27	17.52-19	1
40.7048.020.R	5000	27	21.52	1
40.7148.012.R	2500	27	11.52-13.52	1
40.7148.015.R	2500	27	15-16.76	1
40.7148.019.R	2500	27	17.52-19	1
40.7148.020.R	2500	27	21.52	1

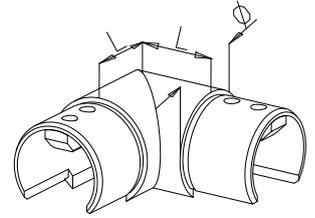
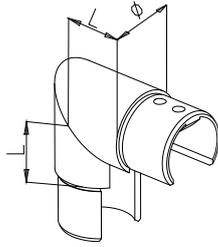


► Model 7070 End cap		304		Indoor
CODE	Ø			
34.7070.420.M	42.4			1
34.7070.480.M	48.3			1



► Model 7070 End cap		316's'		Outdoor
CODE	Ø			
36.7070.420.M	42.4			1
36.7070.480.M	48.3			1

HANDRAIL/FITTINGS MIRROR POLISHED



► Model 7010 Elbow		304	Indoor	
CODE	L	Ø	☐	
34.7010.420.M	30	42.4	1	
34.7010.480.M	35	48.3	1	



► Model 7020 Elbow		304	Indoor	
CODE	L	Ø	☐	
34.7020.420.M	30	42.4	1	
34.7020.480.M	35	48.3	1	

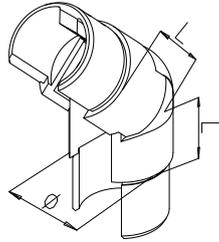


► Model 7010 Elbow		316's	Outdoor	
CODE	L	Ø	☐	
36.7010.420.M	30	42.4	1	
36.7010.480.M	35	48.3	1	

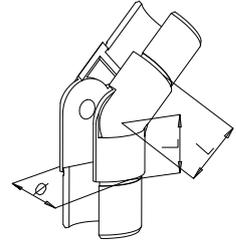
► Model 7020 Elbow		316's	Outdoor	
CODE	L	Ø	☐	
36.7020.420.M	30	42.4	1	
36.7020.480.M	35	48.3	1	



0-60°
Downwards



25-60°
Upwards



► Model 7030 Adjustable elbow		304	Indoor	
CODE	L	Ø	☐	
34.7030.420.M	30	42.4	1	
34.7030.480.M	35	48.3	1	

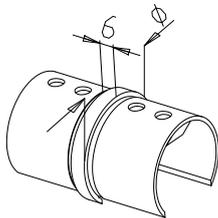


► Model 7040 Adjustable elbow		304	Indoor	
CODE	L	Ø	☐	
34.7040.420.M	30	42.4	1	
34.7040.480.M	35	48.3	1	



► Model 7030 Adjustable elbow		316's	Outdoor	
CODE	L	Ø	☐	
36.7030.420.M	30	42.4	1	
36.7030.480.M	35	48.3	1	

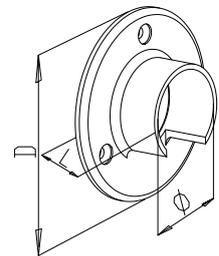
► Model 7040 Adjustable elbow		316's	Outdoor	
CODE	L	Ø	☐	
36.7040.420.M	30	42.4	1	
36.7040.480.M	35	48.3	1	



► Model 7050 Joint connector		304	Indoor	
CODE	Ø	☐		
34.7050.420.M	42.4	1		
34.7050.480.M	48.3	1		



► Model 7050 Joint connector		316's	Outdoor	
CODE	Ø	☐		
36.7050.420.M	42.4	1		
36.7050.480.M	48.3	1		



► Model 7060 Wall flange		304	Indoor	
CODE	D	L	Ø	☐
34.7060.420.M	90	30	42.4	1
34.7060.480.M	95	35	48.3	1



► Model 7060 Wall flange		316's	Outdoor	
CODE	D	L	Ø	☐
36.7060.420.M	90	30	42.4	1
36.7060.480.M	95	35	48.3	1

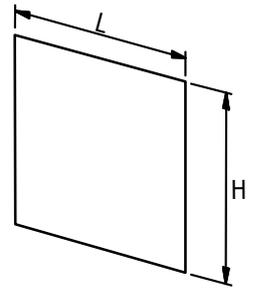
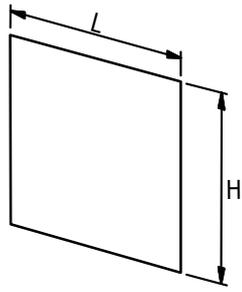




GLASS SPIGOTS



GLASS



► **Toughened glass**

GLASS	Glass		Outdoor
	MM	L	H
12	12	TBC	TBC
15	15	TBC	TBC
19	19	TBC	TBC
25	25	TBC	TBC

► **Laminated glass**

GLASS	Glass		Outdoor
	MM	L	H
12.76	6/6/2	TBC	TBC
13.52	6/6/4	TBC	TBC
16.76	8/8/2	TBC	TBC
17.52	8/8/4	TBC	TBC
20.76	10/10/2	TBC	TBC
21.52	10/10/4	TBC	TBC
25.52	12/12/4	TBC	TBC
31.52	15/15/4	TBC	TBC

ALL SHAPES. ALL SIZES

MADE TO YOUR REQUIREMENTS
AT COMPETITIVE PRICES

YOUR ONE STOP SHOP





ALU-RAIL

GLASS ALU-RAIL

NEW!

► **Model 8010 End Post** **Aluminium** **Outdoor**

CODE	FINISH	☐
11.8010.110.A	Silver Anodised	1

NEW!

► **Model 8020 Mid Post** **Aluminium** **Outdoor**

CODE	FINISH	☐
11.8020.110.A	Silver Anodised	1

NEW!

► **Model 8030 Corner Post** **Aluminium** **Outdoor**

CODE	FINISH	☐
11.8030.110.A	Silver Anodised	1

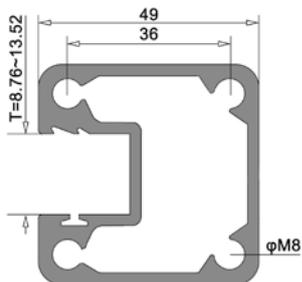
NEW!

► **Model 8050 Seal Strips**

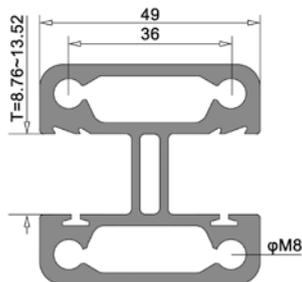
	Rubber	Indoor
CODE	G	☐
40.8050.010.R	10-10.76	2
40.8050.011.R	11.52	2
40.8050.012.R	12-12.76	2
40.8050.013.R	13.52	2



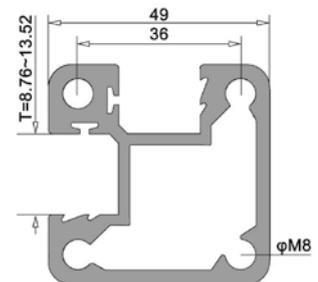
End Post



Middle Post



Corner Post



GLASS ALU-RAIL

NEW!

► **Model 8010 End Post**

Aluminium	Outdoor
CODE	FINISH
11.8010.110.AG	RAL 7016
	1

NEW!

► **Model 8020 Mid Post**

Aluminium	Outdoor
CODE	FINISH
11.8020.110.AG	RAL 7016
	1

NEW!

► **Model 8030 Corner Post**

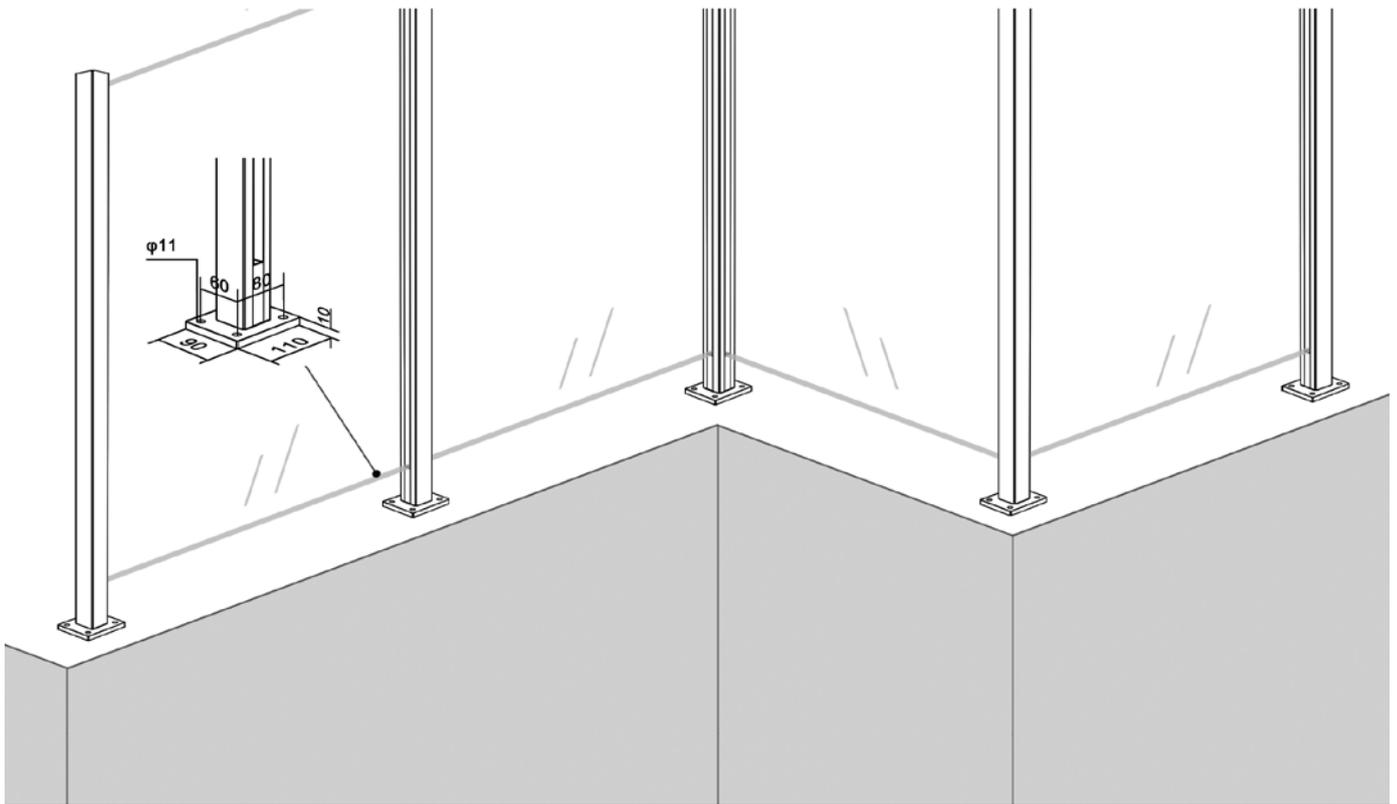
Aluminium	Outdoor
CODE	FINISH
11.8030.110.AG	RAL 7016
	1

NEW!

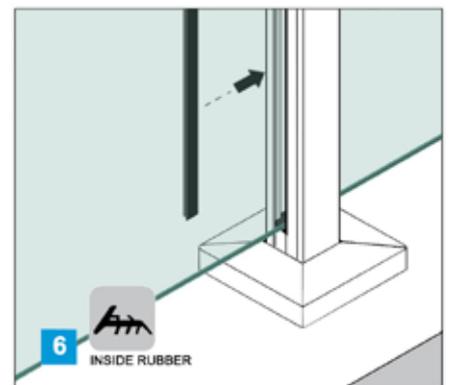
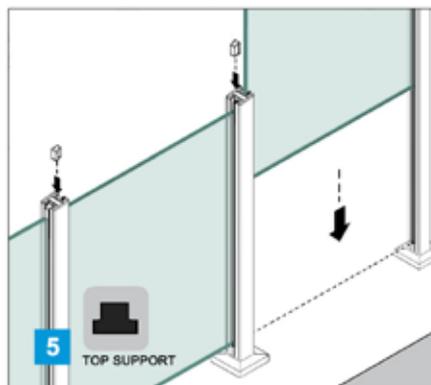
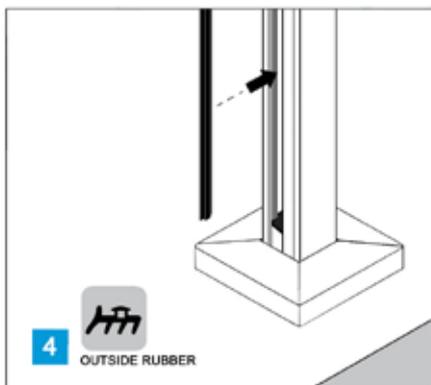
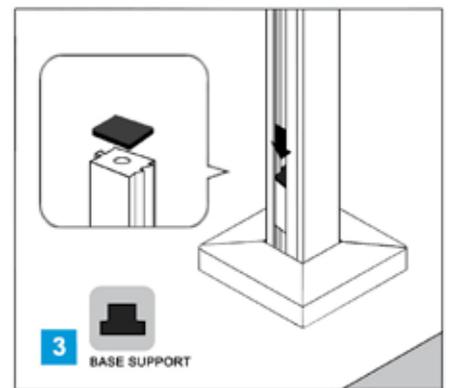
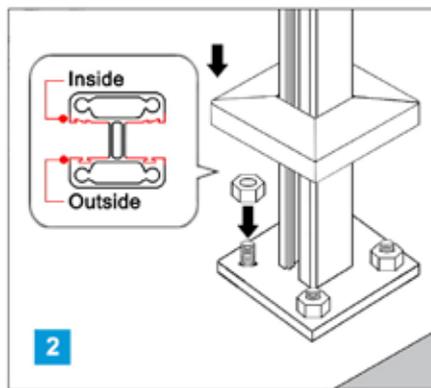
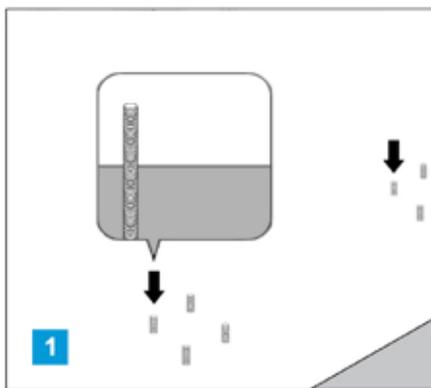
► **Model 8050 Seal Strips**

Rubber	Indoor
CODE	G
40.8050.010.R	10-10.76
40.8050.011.R	11.52
40.8050.012.R	12-12.76
40.8050.013.R	13.52
	2





Installation Instructions



Fast-Fit®

Aligns and Secures



316's'

'Superior' Corrosion
Resistance with 2205



FITTINGS

- 155-185 FITTINGS
- 187-189 MIRROR POLISHED
- 191-203 GLASS CLAMPS
- 205 JULIET BALCONY
- 207-209 GLASS CONNECTORS
& PANEL HOLDERS

WIRE-TEC

- 211-212 WIRE FITTINGS
- 213 INFO



TIMBER-TEC

215 TIMBER HANDRAIL
215-216 TIMBER FITTINGS



TUBES AND BAR

219 TUBES & BAR

ACCESSORIES

221 TOOLS, GLUES & CLEANERS
222-223 BOLTS AND SCREWS





Introducing...

Fast-Fit[®]



The Fastec 'Fast-Fit' system has been developed to help installers by aligning and securing the fitting into the tube until the glue cures. With just a simple push and twist the Fast-Fit rubber sleeve slides into the tube firmly holding and aligning the fitting. This allows installers to move onto the next joint safe in the knowledge that the fitting will be held correctly in position without vibrating loose or misaligning.

The Perfect Fit

CENTRALISES AND ALIGNS

Once inserted the unique rubber sleeve compresses equally around the circumference compensating for any movement between the fittings and tube. This equal compression centralises the fitting with the tube ensuring a consistent alignment between the two parts.



SECURES AND STABILISES

To help enable a secure and seamless fit for your joints Fast-Fit will securely hold the fitting in place whilst the glue is curing preventing gaps from forming through movement and vibration. By tightly securing the fitting to the tube it allows the installer to move onto the next joint without the need for extra remedial works to hold the fitting and tube together whilst the glue cures.



SAVING TIME AND MONEY

The simple solution that the Fast-Fit system offers is based on the key principles of saving time and money for the installer. To help with this cost reduction the Fast-Fit range will be charged at no extra cost allowing installers all the benefits of the Fast-Fit system at the same competitive price.



QUICKER INSTALLATION TIMES

Having the benefit of aligning and securing each joint Fast-Fit allows installation times to be reduced by upto 20%. The Fast-Fit unique innovation means installers do not need to take extra remedial work to secure the joints or wait until the glue cures before proceeding but can quickly progress from one joint to the next.



AVAILABLE FOR ALL GLUED INSERTS

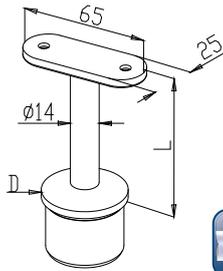
The Fast-Fit system is available on all glued inserts for 48.3mm and 42.4mm diameter connectors, this means that the whole range has been incorporated giving the installer the benefit of the Fast-Fit system on all glued inserts.





FITTINGS

STEM CONNECTORS



► Model 0100 Stem

304 Indoor

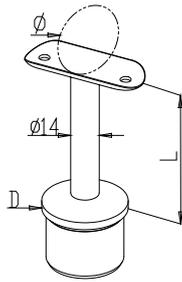
CODE	D	L	BOLT
34.0100.422.S	42.4 x 2.0	80	FF-12
34.0100.426.S	42.4 x 2.6	80	FF-12
34.0100.482.S	48.3 x 2.0	80	FF-12
34.0100.486.S	48.3 x 2.6	80	FF-12



► Model 0100 Stem

316's' Outdoor

CODE	D	L	BOLT
36.0100.422.S	42.4 x 2.0	80	FF-13
36.0100.426.S	42.4 x 2.6	80	FF-13
36.0100.482.S	48.3 x 2.0	80	FF-13
36.0100.486.S	48.3 x 2.6	80	FF-13



► Model 0110 Stem

304 Indoor

CODE	D	L	Ø	BOLT
34.0110.422.S	42.4 x 2.0	80	42.4	FF-10
34.0110.426.S	42.4 x 2.6	80	42.4	FF-10
34.0110.482.S	48.3 x 2.0	80	48.3	FF-10
34.0110.486.S	48.3 x 2.6	80	48.3	FF-10

► Model 0111 Stem

304 Indoor

CODE	D	L	Ø	BOLT
34.0111.422.S	42.4 x 2.0	80	48.3	FF-10
34.0111.426.S	42.4 x 2.6	80	48.3	FF-10
34.0111.486.S	48.3 x 2.6	80	42.4	FF-10



► Model 0110 Stem

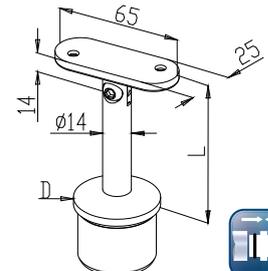
316's' Outdoor

CODE	D	L	Ø	BOLT
36.0110.422.S	42.4 x 2.0	80	42.4	FF-11
36.0110.426.S	42.4 x 2.6	80	42.4	FF-11
36.0110.482.S	48.3 x 2.0	80	48.3	FF-11
36.0110.486.S	48.3 x 2.6	80	48.3	FF-11

► Model 0111 Stem

316's' Outdoor

CODE	D	L	Ø	BOLT
36.0111.422.S	42.4 x 2.0	80	48.3	FF-11
36.0111.426.S	42.4 x 2.6	80	48.3	FF-11
36.0111.486.S	48.3 x 2.6	80	42.4	FF-11



► Model 0105 Adj Stem

304 Indoor

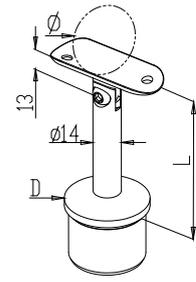
CODE	D	L	BOLT
34.0105.422.S	42.4 x 2.0	80	FF-12
34.0105.426.S	42.4 x 2.6	80	FF-12
34.0105.482.S	48.3 x 2.0	80	FF-12
34.0105.486.S	48.3 x 2.6	80	FF-12



► Model 0105 Adj Stem

316's' Outdoor

CODE	D	L	BOLT
36.0105.422.S	42.4 x 2.0	80	FF-13
36.0105.426.S	42.4 x 2.6	80	FF-13
36.0105.482.S	48.3 x 2.0	80	FF-13
36.0105.486.S	48.3 x 2.6	80	FF-13



► Model 0115 Adj Stem

304 Indoor

CODE	D	L	Ø	BOLT
34.0115.422.S	42.4 x 2.0	80	42.4	FF-10
34.0115.426.S	42.4 x 2.6	80	42.4	FF-10
34.0115.482.S	48.3 x 2.0	80	48.3	FF-10
34.0115.486.S	48.3 x 2.6	80	48.3	FF-10

► Model 0116 Adj Stem

304 Indoor

CODE	D	L	Ø	BOLT
34.0116.422.S	42.4 x 2.0	80	48.3	FF-10
34.0116.426.S	42.4 x 2.6	80	48.3	FF-10
34.0116.486.S	48.3 x 2.6	80	42.4	FF-10



► Model 0115 Adj Stem

316's' Outdoor

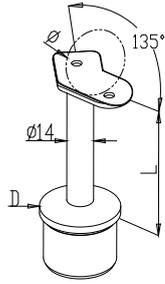
CODE	D	L	Ø	BOLT
36.0115.422.S	42.4 x 2.0	80	42.4	FF-11
36.0115.426.S	42.4 x 2.6	80	42.4	FF-11
36.0115.482.S	48.3 x 2.0	80	48.3	FF-11
36.0115.486.S	48.3 x 2.6	80	48.3	FF-11

► Model 0116 Adj Stem

316's' Outdoor

CODE	D	L	Ø	BOLT
36.0116.422.S	42.4 x 2.0	80	48.3	FF-11
36.0116.426.S	42.4 x 2.6	80	48.3	FF-11
36.0116.486.S	48.3 x 2.6	80	42.4	FF-11

STEM CONNECTORS



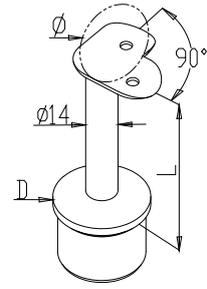
► Model 0120 135° Stem					
		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0120.422.S	42.4 x 2.0	80	42.4	FF-10	
34.0120.426.S	42.4 x 2.6	80	42.4	FF-10	
34.0120.482.S	48.3 x 2.0	80	48.3	FF-10	
34.0120.486.S	48.3 x 2.6	80	48.3	FF-10	

► Model 0121 135° Stem					
		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0121.422.S	42.4 x 2.0	80	48.3	FF-10	
34.0121.426.S	42.4 x 2.6	80	48.3	FF-10	
34.0121.486.S	48.3 x 2.6	80	42.4	FF-10	



► Model 0120 135° Stem					
		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0120.422.S	42.4 x 2.0	80	42.4	FF-11	
36.0120.426.S	42.4 x 2.6	80	42.4	FF-11	
36.0120.482.S	48.3 x 2.0	80	48.3	FF-11	
36.0120.486.S	48.3 x 2.6	80	48.3	FF-11	

► Model 0121 135° Stem					
		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0121.422.S	42.4 x 2.0	80	48.3	FF-11	
36.0121.426.S	42.4 x 2.6	80	48.3	FF-11	
36.0121.486.S	48.3 x 2.6	80	42.4	FF-11	



► Model 0130 90° Stem					
		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0130.422.S	42.4 x 2.0	80	42.4	FF-10	
34.0130.426.S	42.4 x 2.6	80	42.4	FF-10	
34.0130.482.S	48.3 x 2.0	80	48.3	FF-10	
34.0130.486.S	48.3 x 2.6	80	48.3	FF-10	

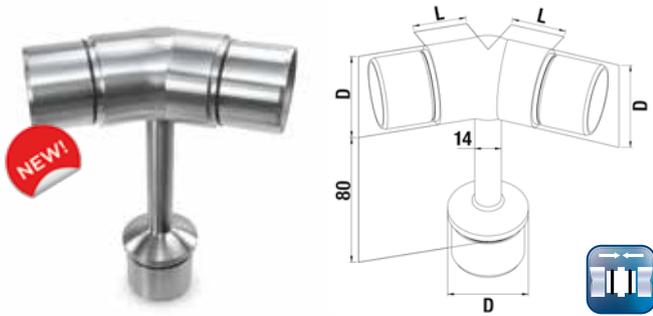
► Model 0131 90° Stem					
		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0131.422.S	42.4 x 2.0	80	48.3	FF-10	
34.0131.426.S	42.4 x 2.6	80	48.3	FF-10	
34.0131.486.S	48.3 x 2.6	80	42.4	FF-10	



► Model 0130 90° Stem					
		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0130.422.S	42.4 x 2.0	80	42.4	FF-11	
36.0130.426.S	42.4 x 2.6	80	42.4	FF-11	
36.0130.482.S	48.3 x 2.0	80	48.3	FF-11	
36.0130.486.S	48.3 x 2.6	80	48.3	FF-11	

► Model 0131 90° Stem					
		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0131.422.S	42.4 x 2.0	80	48.3	FF-11	
36.0131.426.S	42.4 x 2.6	80	48.3	FF-11	
36.0131.486.S	48.3 x 2.6	80	42.4	FF-11	

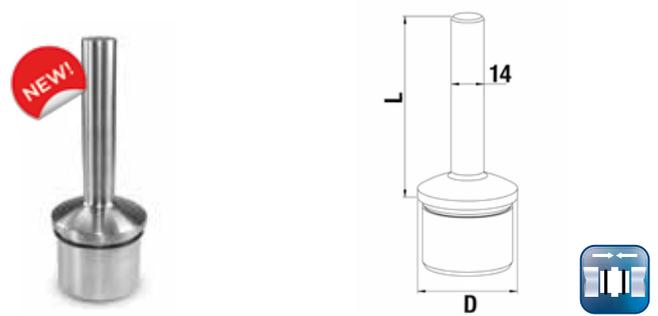
STEM CONNECTORS



► Model 0135 Stem/Adj Corner		304	Indoor
CODE	D	L	
34.0135.422.S	42.4 x 2.0	30	
34.0135.426.S	42.4 x 2.6	30	
34.0135.482.S	48.3 x 2.0	30	
34.0135.486.S	48.3 x 2.6	30	



► Model 0135 Stem/Adj Corner		316's'	Outdoor
CODE	D	L	
36.0135.422.S	42.4 x 2.0	30	
36.0135.426.S	42.4 x 2.6	30	
36.0135.482.S	48.3 x 2.0	30	
36.0135.486.S	48.3 x 2.6	30	



► Model 0140 Weldable Stem		304	Indoor
CODE	D	L	
34.0140.422.S	42.4 x 2.0	80	
34.0140.426.S	42.4 x 2.6	80	
34.0140.482.S	48.3 x 2.0	80	
34.0140.486.S	48.3 x 2.6	80	



► Model 0140 Weldable Stem		316's'	Outdoor
CODE	D	L	
36.0140.422.S	42.4 x 2.0	80	
36.0140.426.S	42.4 x 2.6	80	
36.0140.482.S	48.3 x 2.0	80	
36.0140.486.S	48.3 x 2.6	80	

ACCESSORIES



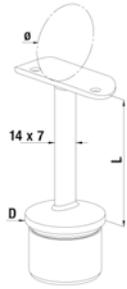
PAGE 221

Glue
50 ml
10.9010.000.A

INFO



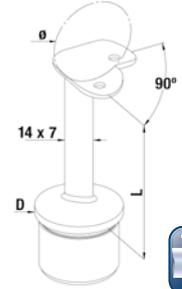
BLADE STEM CONNECTORS



► Model 0150 Blade Stem		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0150.422.S	42.4 x 2.0	80	42.4	FF-10	
34.0150.426.S	42.4 x 2.6	80	42.4	FF-10	
34.0150.482.S	48.3 x 2.0	80	48.3	FF-10	
34.0150.486.S	48.3 x 2.6	80	48.3	FF-10	



► Model 0150 Blade Stem		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0150.422.S	42.4 x 2.0	80	42.4	FF-11	
36.0150.426.S	42.4 x 2.6	80	42.4	FF-11	
36.0150.482.S	48.3 x 2.0	80	48.3	FF-11	
36.0150.486.S	48.3 x 2.6	80	48.3	FF-11	



► Model 0155 90° Blade Stem		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0155.422.S	42.4 x 2.0	80	42.4	FF-10	
34.0155.426.S	42.4 x 2.6	80	42.4	FF-10	
34.0155.482.S	48.3 x 2.0	80	48.3	FF-10	
34.0155.486.S	48.3 x 2.6	80	48.3	FF-10	



► Model 0155 90° Blade Stem		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0155.422.S	42.4 x 2.0	80	42.4	FF-11	
36.0155.426.S	42.4 x 2.6	80	42.4	FF-11	
36.0155.482.S	48.3 x 2.0	80	48.3	FF-11	
36.0155.486.S	48.3 x 2.6	80	48.3	FF-11	



► Model 0157 Weldable Blade Stem		304	Indoor	
CODE	D	L	Ø	
34.0157.422.S	42.4 x 2.0	80	42.4	
34.0157.426.S	42.4 x 2.6	80	42.4	
34.0157.482.S	48.3 x 2.0	80	48.3	
34.0157.486.S	48.3 x 2.6	80	48.3	



► Model 0157 Weldable Blade Stem		316's'	Outdoor	
CODE	D	L	Ø	
36.0157.422.S	42.4 x 2.0	80	42.4	
36.0157.426.S	42.4 x 2.6	80	42.4	
36.0157.482.S	48.3 x 2.0	80	48.3	
36.0157.486.S	48.3 x 2.6	80	48.3	

NEW!

BLADE

Stem Connector

Design Protection No. 006563581



Fast-Fit

Aligns and Secures

Patent Application No. 1215466.2

Slimmer profile and simple lines at any angle



creativity
innovation
technical mastery

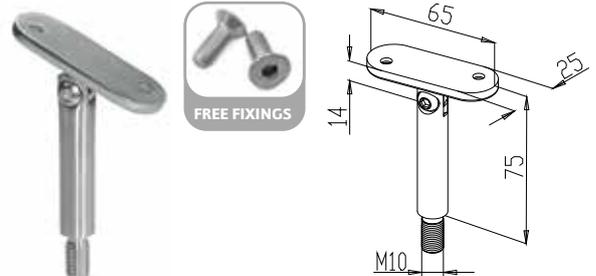
STEM AND SADDLES



► Model 0200 Stem	304	Indoor
CODE		BOLT
34.0200.000.S		FF-12



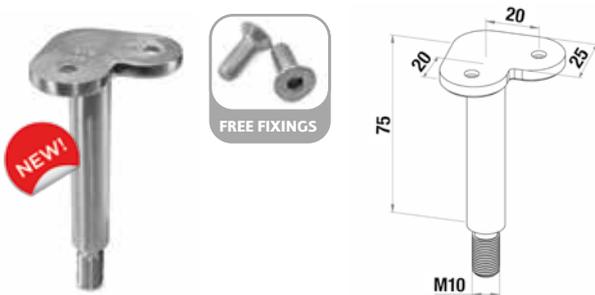
► Model 0200 Stem	316's'	Outdoor
CODE		BOLT
36.0200.000.S		FF-13



► Model 0205 Adj Stem	304	Indoor
CODE		BOLT
34.0205.000.S		FF-12



► Model 0205 Adj Stem	316's'	Outdoor
CODE		BOLT
36.0205.000.S		FF-13



► Model 0220 90° Stem	304	Indoor
CODE		BOLT
34.0220.000.S		FF-12



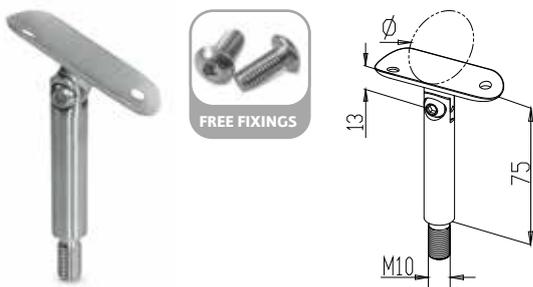
► Model 0220 90° Stem	316's'	Outdoor
CODE		BOLT
36.0220.000.S		FF-13



► Model 0200 Stem	304	Indoor
CODE	∅	BOLT
34.0200.420.S	42.4	FF-10
34.0200.480.S	48.3	FF-10



► Model 0200 Stem	316's'	Outdoor
CODE	∅	BOLT
36.0200.420.S	42.4	FF-11
36.0200.480.S	48.3	FF-11



► Model 0205 Adj Stem	304	Indoor
CODE	∅	BOLT
34.0205.420.S	42.4	FF-10
34.0205.480.S	48.3	FF-10



► Model 0205 Adj Stem	316's'	Outdoor
CODE	∅	BOLT
36.0205.420.S	42.4	FF-11
36.0205.480.S	48.3	FF-11

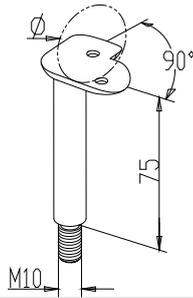


► Model 0210 Adj Stem	304	Indoor
CODE	∅	BOLT
34.0210.420.S	42.4	FF-10
34.0210.480.S	48.3	FF-10



► Model 0210 Adj Stem	316's'	Outdoor
CODE	∅	BOLT
36.0210.420.S	42.4	FF-11
36.0210.480.S	48.3	FF-11

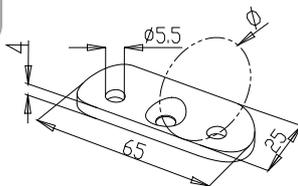
HANDRAIL SADDLE/STEMS



Model 0220 90° Stem	304	Indoor
CODE	Ø	BOLT
34.0220.420.S	42.4	FF-10
34.0220.480.S	48.3	FF-10



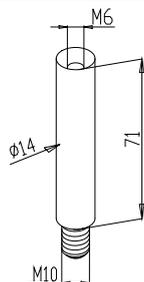
Model 0220 90° Stem	316's'	Outdoor
CODE	Ø	BOLT
36.0220.420.S	42.4	FF-11
36.0220.480.S	48.3	FF-11



Model 0300 Saddle	304	Indoor
CODE	Ø	BOLT
34.0300.420.S	42.4	FF-10
34.0300.480.S	48.3	FF-10

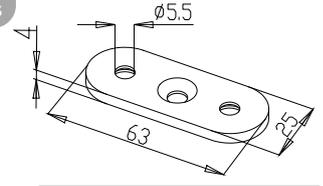


Model 0300 Saddle	316's'	Outdoor
CODE	Ø	BOLT
36.0300.420.S	42.4	FF-11
36.0300.480.S	48.3	FF-11



Model 0310 Stem	304	Indoor
CODE		BOLT
34.0310.000.S		FF-48

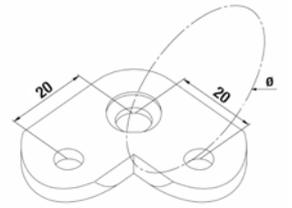
Model 0310 Stem	316	Outdoor
CODE		BOLT
36.0310.000.S		FF-49



Model 0300 Saddle	304	Indoor
CODE		BOLT
34.0300.000.S		FF-12



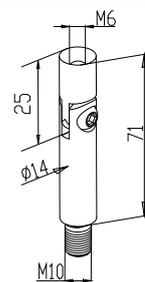
Model 0300 Saddle	316's'	Outdoor
CODE		BOLT
36.0300.000.S		FF-13



Model 0303 90° Saddle	304	Indoor
CODE	Ø	BOLT
34.0303.420.S	42.4	FF-10
34.0303.480.S	48.3	FF-10



Model 0303 90° Saddle	316's'	Outdoor
CODE	Ø	BOLT
36.0303.420.S	42.4	FF-11
36.0303.480.S	48.3	FF-11



Model 0315 Adj Stem	304	Indoor
CODE		BOLT
34.0315.000.S		FF-48

Model 0315 Adj Stem	316's'	Outdoor
CODE		BOLT
36.0315.000.S		FF-49



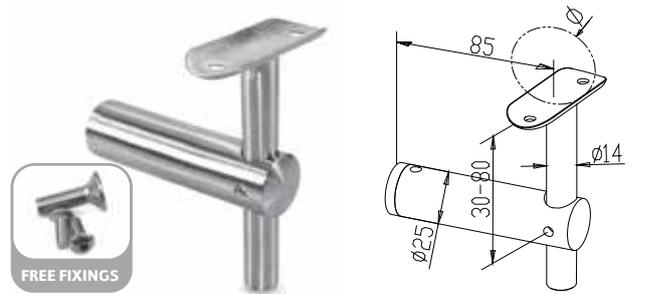
HANDRAIL BRACKETS POST FIX



Model 0400 Handrail Bracket	304	Indoor
CODE		BOLT
34.0400.000.S		FF-12/FF-21



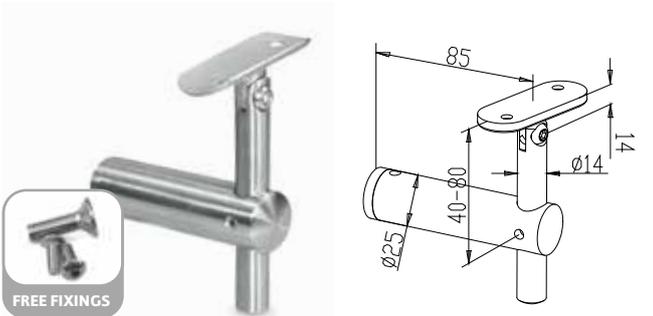
Model 0400 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0400.000.S		FF-13/FF-22



Model 0400 Handrail Bracket	304	Indoor
CODE	Ø	BOLT
34.0400.420.S	42.4	FF-10/FF-21
34.0400.480.S	48.3	FF-10/FF-21



Model 0400 Handrail Bracket	316's'	Outdoor
CODE	Ø	BOLT
36.0400.420.S	42.4	FF-11/FF-22
36.0400.480.S	48.3	FF-11/FF-22



Model 0405 Adj Handrail Bracket	304	Indoor
CODE	Ø	BOLT
34.0405.420.S	42.4	FF-10/FF-21
34.0405.480.S	48.3	FF-10/FF-21



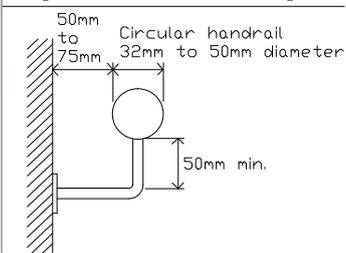
Model 0405 Adj Handrail Bracket	316's'	Outdoor
CODE	Ø	BOLT
36.0405.420.S	42.4	FF-11/FF-22
36.0405.480.S	48.3	FF-11/FF-22



INFO

'Part M' Requirement

Diagram 7 Handrail design



INFO



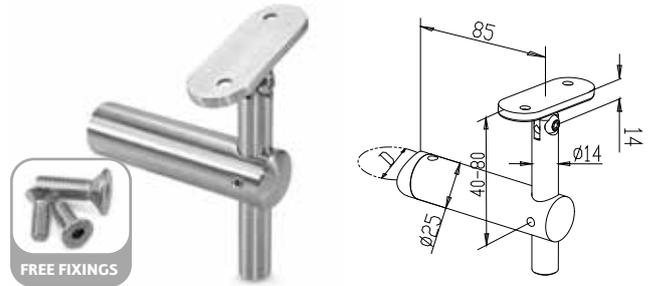
HANDRAIL BRACKETS POST FIX



► Model 0410 Handrail Bracket		304	Indoor
CODE	Ø	BOLT	
34.0410.420.S	42.4	FF-12/FF-21	
34.0410.480.S	48.3	FF-12/FF-21	



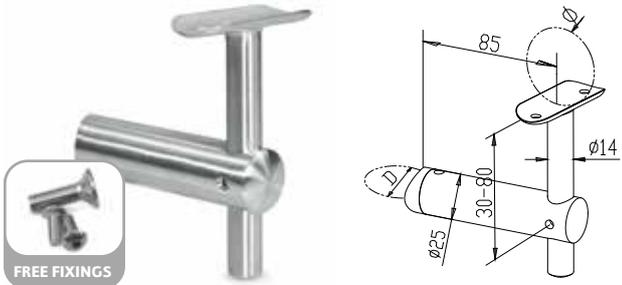
► Model 0410 Handrail Bracket		316's	Outdoor
CODE	Ø	BOLT	
36.0410.420.S	42.4	FF-13/FF-22	
36.0410.480.S	48.3	FF-13/FF-22	



► Model 0415 Adj Handrail Bracket		304	Indoor
CODE	Ø	BOLT	
34.0415.420.S	42.4	FF-12/FF-21	
34.0415.480.S	48.3	FF-12/FF-21	



► Model 0415 Adj Handrail Bracket		316's	Outdoor
CODE	Ø	BOLT	
36.0415.420.S	42.4	FF-13/FF-22	
36.0415.480.S	48.3	FF-13/FF-22	



► Model 0420/0421 Handrail Bracket		304	Indoor
CODE	D	Ø	BOLT
34.0420.420.S	42.4	42.4	FF-10/FF-21
34.0420.480.S	48.3	48.3	FF-10/FF-21
34.0421.420.S	42.4	42.4	FF-10/FF-21



► Model 0420/0421 Handrail Bracket		316's	Outdoor
CODE	D	Ø	BOLT
36.0420.420.S	42.4	42.4	FF-11/FF-22
36.0420.480.S	48.3	48.3	FF-11/FF-22
36.0421.420.S	42.4	42.4	FF-11/FF-22



► Model 0425/0426 Handrail Bracket		304	Indoor
CODE	D	Ø	BOLT
34.0425.420.S	42.4	42.4	FF-10/FF-21
34.0425.480.S	48.3	48.3	FF-10/FF-21
34.0426.420.S	42.4	42.4	FF-10/FF-21



► Model 0425/0426 Handrail Bracket		316's	Outdoor
CODE	D	Ø	BOLT
36.0425.420.S	42.4	42.4	FF-11/FF-22
36.0425.480.S	48.3	48.3	FF-11/FF-22
36.0426.420.S	42.4	42.4	FF-11/FF-22

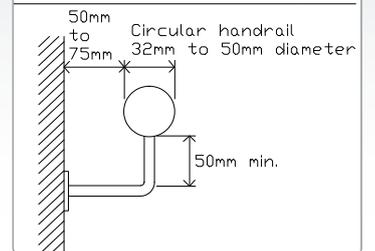
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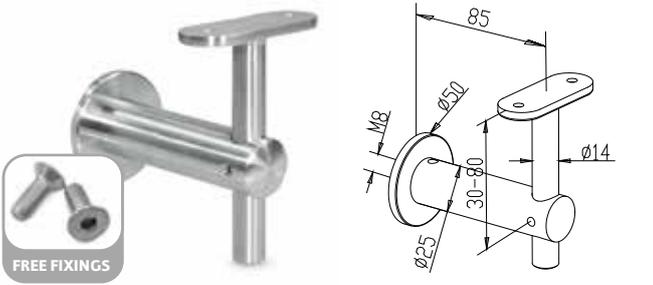
INFO

'Part M' Requirement

Diagram 7 Handrail design



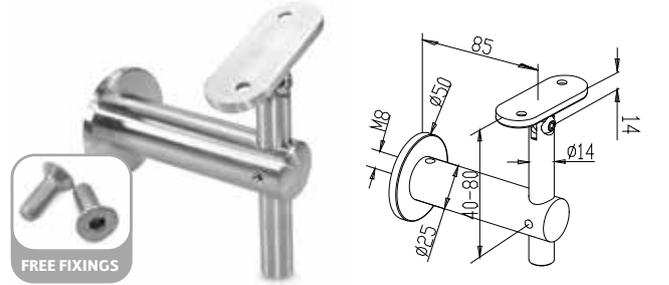
HANDRAIL BRACKETS WALL FIX



► Model 0430 Handrail Bracket	304	Indoor
CODE		BOLT
34.0430.000.S		FF-12



► Model 0430 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0430.000.S		FF-13



► Model 0435 Adj Handrail Bracket	304	Indoor
CODE		BOLT
34.0435.000.S		FF-12



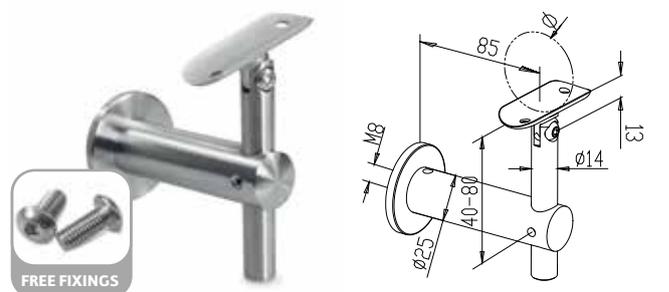
► Model 0435 Adj Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0435.000.S		FF-13



► Model 0430 Handrail Bracket	304	Indoor
CODE	Ø	BOLT
34.0430.420.S	42.4	FF-10
34.0430.480.S	48.3	FF-10



► Model 0430 Handrail Bracket	316's'	Outdoor
CODE	Ø	BOLT
36.0430.420.S	42.4	FF-11
36.0430.480.S	48.3	FF-11



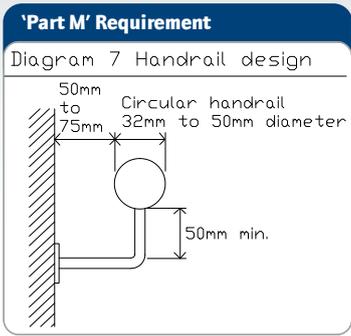
► Model 0435 Adj Handrail Bracket	304	Indoor
CODE	Ø	BOLT
34.0435.420.S	42.4	FF-10
34.0435.480.S	48.3	FF-10



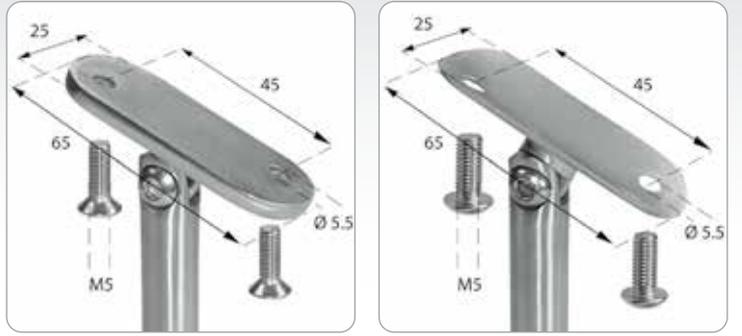
► Model 0435 Adj Handrail Bracket	316's'	Outdoor
CODE	Ø	BOLT
36.0435.420.S	42.4	FF-11
36.0435.480.S	48.3	FF-11



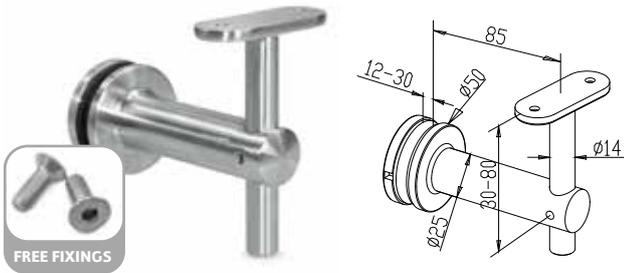
INFO



INFO



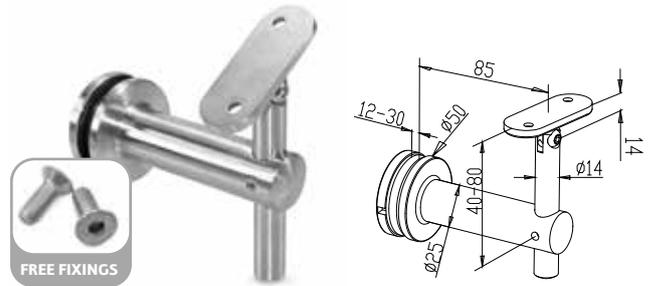
HANDRAIL BRACKETS GLASS FIX



► Model 0440 Handrail Bracket	304	Indoor
CODE		BOLT
34.0440.000.S		FF-12



► Model 0440 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0440.000.S		FF-13



► Model 0445 Adj Handrail Bracket	304	Indoor
CODE		BOLT
34.0445.000.S		FF-12



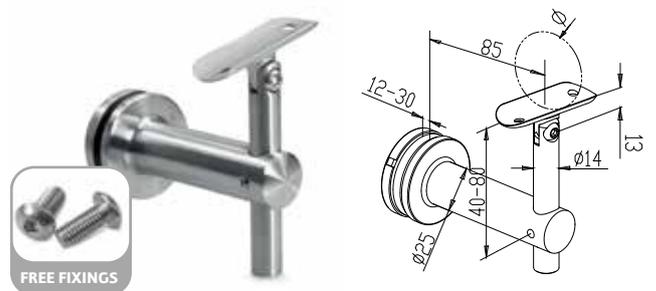
► Model 0445 Adj Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0445.000.S		FF-13



► Model 0440 Handrail Bracket	304	Indoor
CODE	Ø	BOLT
34.0440.420.S	42.4	FF-10
34.0440.480.S	48.3	FF-10



► Model 0440 Handrail Bracket	316's'	Outdoor
CODE	Ø	BOLT
36.0440.420.S	42.4	FF-11
36.0440.480.S	48.3	FF-11



► Model 0445 Adj Handrail Bracket	304	Indoor
CODE	Ø	BOLT
34.0445.420.S	42.4	FF-10
34.0445.480.S	48.3	FF-10



► Model 0445 Adj Handrail Bracket	316's'	Outdoor
CODE	Ø	BOLT
36.0445.420.S	42.4	FF-11
36.0445.480.S	48.3	FF-11

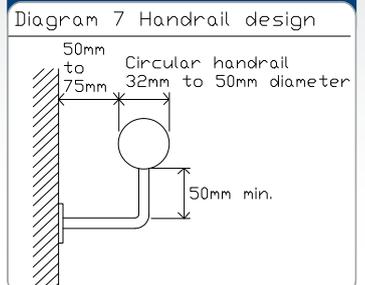


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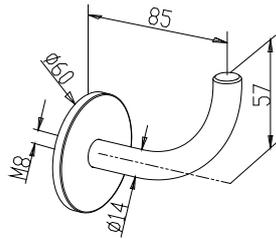


INFO

'Part M' Requirement



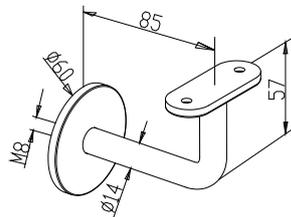
HANDRAIL BRACKETS WALL FIX



► Model 0510 Handrail Bracket	304	Indoor
CODE		
34.0510.000.S		



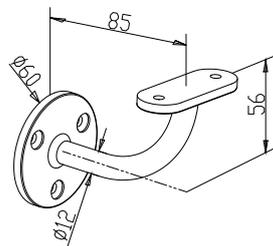
► Model 0510 Handrail Bracket	316's'	Outdoor
CODE		
36.0510.000.S		



► Model 0511 Handrail Bracket	304	Indoor
CODE		BOLT
34.0511.000.S		FF-12



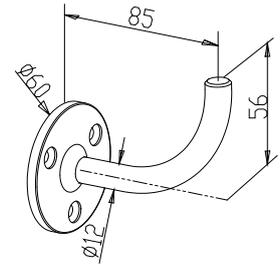
► Model 0511 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0511.000.S		FF-13



► Model 0521 Handrail Bracket	304	Indoor
CODE		BOLT
34.0521.000.S		FF-12



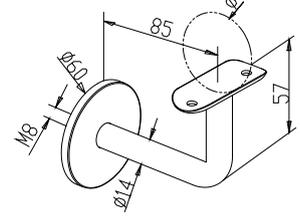
► Model 0521 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0521.000.S		FF-13



► Model 0520 Handrail Bracket	304	Indoor
CODE		
34.0520.000.S		



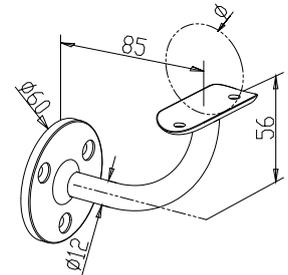
► Model 0520 Handrail Bracket	316's'	Outdoor
CODE		
36.0520.000.S		



► Model 0511 Handrail Bracket	304	Indoor
CODE		BOLT
34.0511.420.S	42.4	FF-10
34.0511.480.S	48.3	FF-10



► Model 0511 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0511.420.S	42.4	FF-11
36.0511.480.S	48.3	FF-11

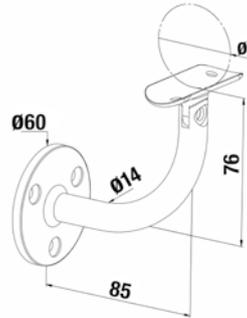


► Model 0521 Handrail Bracket	304	Indoor
CODE		BOLT
34.0521.420.S	42.4	FF-10
34.0521.480.S	48.3	FF-10



► Model 0521 Handrail Bracket	316's'	Outdoor
CODE		BOLT
36.0521.420.S	42.4	FF-11
36.0521.480.S	48.3	FF-11

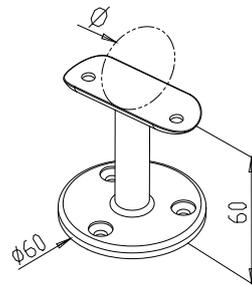
HANDRAIL SUPPORTS



► Model 0525 Handrail Bracket		
	304	Indoor
CODE	Ø	BOLT
34.0525.420.S	42.4	FF-10
34.0525.480.S	48.3	FF-10



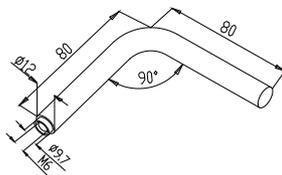
► Model 0521 Handrail Bracket		
	316's'	Outdoor
CODE	Ø	BOLT
36.0525.420.S	42.4	FF-11
36.0525.480.S	48.3	FF-11



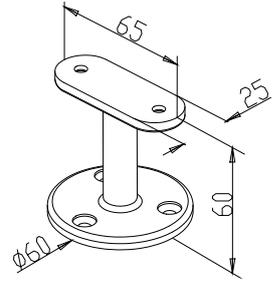
► Model 0530 Handrail Support		
	304	Indoor
CODE	Ø	BOLT
34.0530.420.S	42.4	FF-10
34.0530.480.S	48.3	FF-10



► Model 0530 Handrail Support		
	316's'	Outdoor
CODE	Ø	BOLT
36.0530.420.S	42.4	FF-11
36.0530.480.S	48.3	FF-11



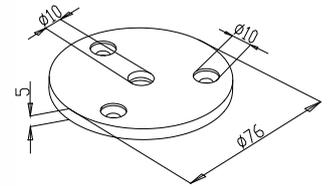
► Model 0541 90° Stem		
	304	Indoor
CODE		BOLT
34.0541.000.S		FF-48



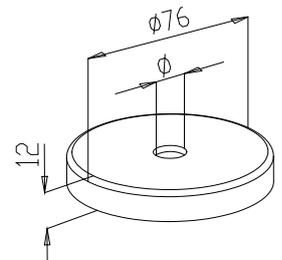
► Model 0530 Handrail Support		
	304	Indoor
CODE		BOLT
34.0530.000.S		FF-12



► Model 0530 Handrail Support		
	316's'	Outdoor
CODE		BOLT
36.0530.000.S		FF-13

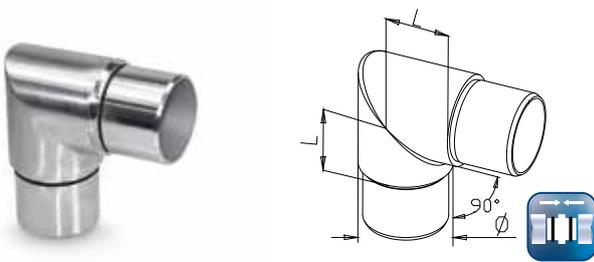


► Model 0540 Rosette		
	304	Indoor
CODE		
34.0540.070.S		



► Model 0542 Cover		
	304	Indoor
CODE		Ø
34.0542.012.S		12

ELBOWS



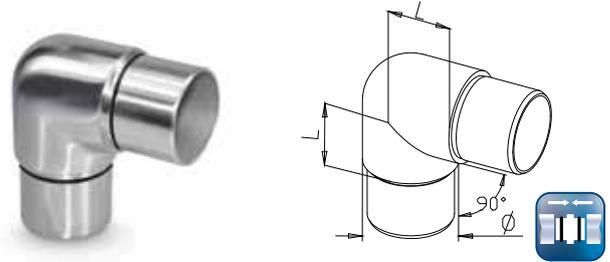
► **Model 0600 90° Elbow** **304** **Indoor**

CODE	L	Ø
34.0600.422.S	30	42.4 x 2.0
34.0600.426.S	30	42.4 x 2.6
34.0600.482.S	35	48.3 x 2.0
34.0600.486.S	35	48.3 x 2.6



► **Model 0600 90° Elbow** **316's'** **Outdoor**

CODE	L	Ø
36.0600.422.S	30	42.4 x 2.0
36.0600.426.S	30	42.4 x 2.6
36.0600.482.S	35	48.3 x 2.0
36.0600.486.S	35	48.3 x 2.6



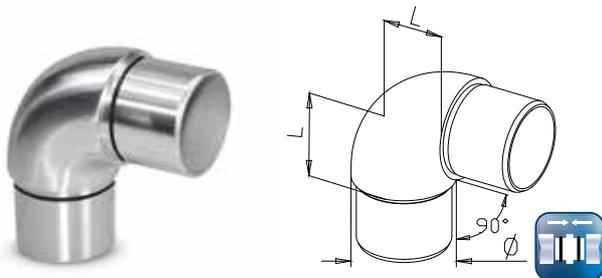
► **Model 0610 90° Elbow** **304** **Indoor**

CODE	L	Ø
34.0610.422.S	30	42.4 x 2.0
34.0610.426.S	30	42.4 x 2.6
34.0610.482.S	35	48.3 x 2.0
34.0610.486.S	35	48.3 x 2.6



► **Model 0610 90° Elbow** **316's'** **Outdoor**

CODE	L	Ø
36.0610.422.S	30	42.4 x 2.0
36.0610.426.S	30	42.4 x 2.6
36.0610.482.S	35	48.3 x 2.0
36.0610.486.S	35	48.3 x 2.6



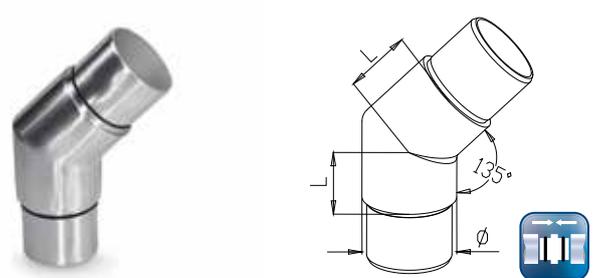
► **Model 0620 90° Elbow** **304** **Indoor**

CODE	L	Ø
34.0620.422.S	30	42.4 x 2.0
34.0620.426.S	30	42.4 x 2.6
34.0620.482.S	35	48.3 x 2.0
34.0620.486.S	35	48.3 x 2.6



► **Model 0620 90° Elbow** **316's'** **Outdoor**

CODE	L	Ø
36.0620.422.S	30	42.4 x 2.0
36.0620.426.S	30	42.4 x 2.6
36.0620.482.S	35	48.3 x 2.0
36.0620.486.S	35	48.3 x 2.6



► **Model 0630 135° Elbow** **304** **Indoor**

CODE	L	Ø
34.0630.422.S	30	42.4 x 2.0
34.0630.426.S	30	42.4 x 2.6
34.0630.482.S	35	48.3 x 2.0
34.0630.486.S	35	48.3 x 2.6



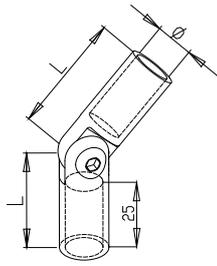
► **Model 0630 135° Elbow** **316's'** **Outdoor**

CODE	L	Ø
36.0630.422.S	30	42.4 x 2.0
36.0630.426.S	30	42.4 x 2.6
36.0630.482.S	35	48.3 x 2.0
36.0630.486.S	35	48.3 x 2.6

INFO



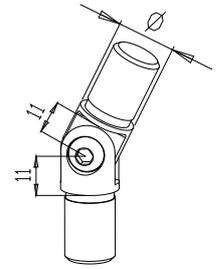
ELBOWS



► Model 0640 Adj Elbow		
	304	Indoor
CODE	L	Ø
34.0640.012.S	35	12



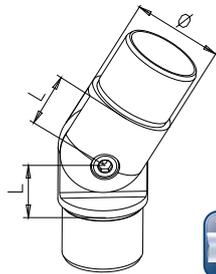
► Model 0640 Adj Elbow		
	316's'	Outdoor
CODE	L	Ø
36.0640.012.S	35	12



► Model 0640 Adj Elbow		
	304	Indoor
CODE	L	Ø
34.0640.016.S		16 x 1.0



► Model 0640 Adj Elbow		
	316's'	Outdoor
CODE	L	Ø
36.0640.016.S	35	16 x 1.0



► Model 0640 Adj Elbow		
	304	Indoor
CODE	L	Ø
34.0640.422.S	27	42.4 x 2.0
34.0640.426.S	27	42.4 x 2.6
34.0640.482.S	30	48.3 x 2.0
34.0640.486.S	30	48.3 x 2.6



► Model 0640 Adj Elbow		
	316's'	Outdoor
CODE	L	Ø
36.0640.422.S	27	42.4 x 2.0
36.0640.426.S	27	42.4 x 2.6
36.0640.482.S	30	48.3 x 2.0
36.0640.486.S	30	48.3 x 2.6



► Model 0645 Adj Elbow		
	304	Indoor
CODE	L	Ø
34.0645.422.S	30	42.4 x 2.0
34.0645.426.S	30	42.4 x 2.6
34.0645.482.S	35	48.3 x 2.0
34.0645.486.S	35	48.3 x 2.6



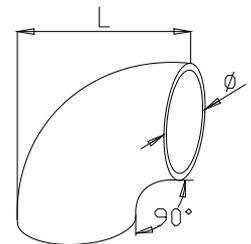
► Model 0645 Adj Elbow		
	316's'	Outdoor
CODE	L	Ø
36.0645.422.S	30	42.4 x 2.0
36.0645.426.S	30	42.4 x 2.6
36.0645.482.S	35	48.3 x 2.0
36.0645.486.S	35	48.3 x 2.6

F ACCESSORIES



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Glue
50 ml
10.9010.000.A



► 304 Model 0650		
	304	Indoor
CODE	L	Ø
34.0650.420.S	65	42.4
34.0650.480.S	75	48.3



► 316's' Model 0650		
	316's'	Outdoor
CODE	L	Ø
36.0650.420.S	65	42.4
36.0650.480.S	75	48.3

seamless adjustment

is now here

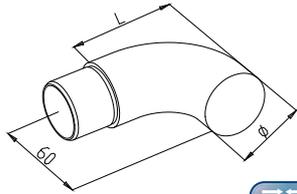


Fastec's new adjustable fittings allow seamless change in directions without compromising the shape and feel of the handrail



Slimmer profile and simple lines at any angle

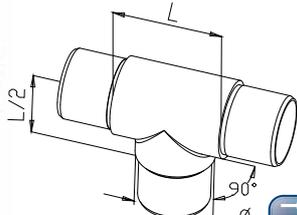
CONNECTORS



► Model 0660		
	304	Indoor
CODE	L	Ø
34.0660.422.S	80	42.4 x 2.0
34.0660.426.S	80	42.4 x 2.6
34.0660.482.S	85	48.3 x 2.0
34.0660.486.S	85	48.3 x 2.6



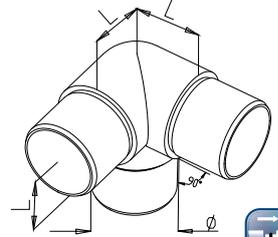
► Model 0660		
	316's	Outdoor
CODE	L	Ø
36.0660.422.S	80	42.4 x 2.0
36.0660.426.S	80	42.4 x 2.6
36.0660.482.S	85	48.3 x 2.0
36.0660.486.S	85	48.3 x 2.6



► Model 0710		
	304	Indoor
CODE	L	Ø
34.0710.422.S	60	42.4 x 2.0
34.0710.426.S	60	42.4 x 2.6
34.0710.482.S	70	48.3 x 2.0
34.0710.486.S	70	48.3 x 2.6



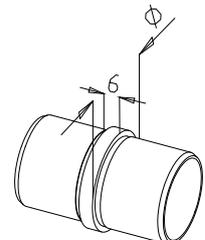
► Model 0710		
	316's	Outdoor
CODE	L	Ø
36.0710.422.S	60	42.4 x 2.0
36.0710.426.S	60	42.4 x 2.6
36.0710.482.S	70	48.3 x 2.0
36.0710.486.S	70	48.3 x 2.6



► Model 0700		
	304	Indoor
CODE	L	Ø
34.0700.422.S	30	42.4 x 2.0
34.0700.426.S	30	42.4 x 2.6
34.0700.482.S	35	48.3 x 2.0
34.0700.486.S	35	48.3 x 2.6



► Model 0700		
	316's	Outdoor
CODE	L	Ø
36.0700.422.S	30	42.4 x 2.0
36.0700.426.S	30	42.4 x 2.6
36.0700.482.S	35	48.3 x 2.0
36.0700.486.S	35	48.3 x 2.6

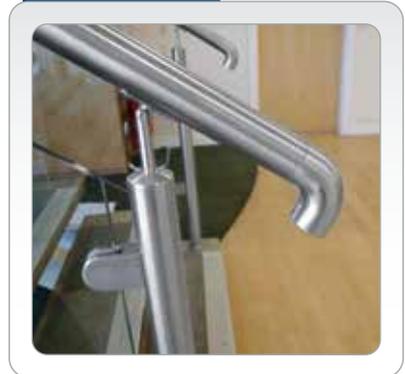


► Model 0720		
	304	Indoor
CODE		Ø
34.0720.422.S		42.4 x 2.0
34.0720.426.S		42.4 x 2.6
34.0720.482.S		48.3 x 2.0
34.0720.486.S		48.3 x 2.6

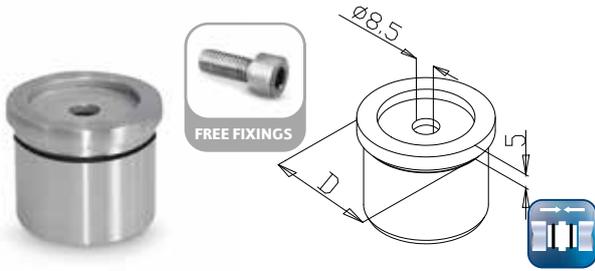


► Model 0720		
	316's	Outdoor
CODE		Ø
36.0720.422.S		42.4 x 2.0
36.0720.426.S		42.4 x 2.6
36.0720.482.S		48.3 x 2.0
36.0720.486.S		48.3 x 2.6

INFO



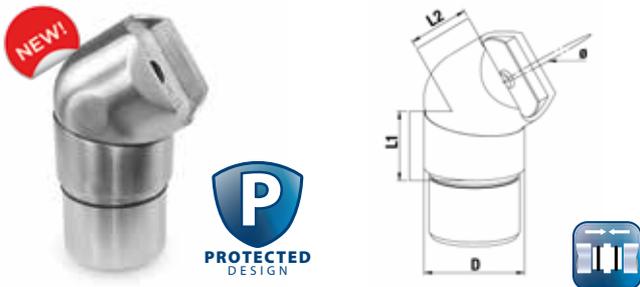
CONNECTORS



► Model 0730 Adaptor			304	Indoor
CODE	D	BOLT		
34.0730.422.S	42.4 x 2.0	FF-45		
34.0730.426.S	42.4 x 2.6	FF-45		
34.0730.482.S	48.3 x 2.0	FF-45		
34.0730.486.S	48.3 x 2.6	FF-45		



► Model 0730 Adaptor			316's'	Outdoor
CODE	D	BOLT		
36.0730.422.S	42.4 x 2.0	FF-46		
36.0730.426.S	42.4 x 2.6	FF-46		
36.0730.482.S	48.3 x 2.0	FF-46		
36.0730.486.S	48.3 x 2.6	FF-46		

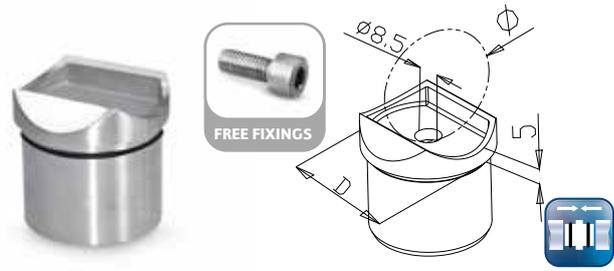


► Model 0735 Adj Adaptor						304	Indoor
CODE	D	L1	L2	Ø	BOLT		
34.0735.422.S	42.4 x 2.0	30	26.5	42.4	FF-45		
34.0735.426.S	42.4 x 2.6	30	26.5	42.4	FF-45		
34.0735.482.S	48.3 x 2.0	35	33.5	48.3	FF-45		
34.0735.486.S	48.3 x 2.6	35	33.5	48.3	FF-45		



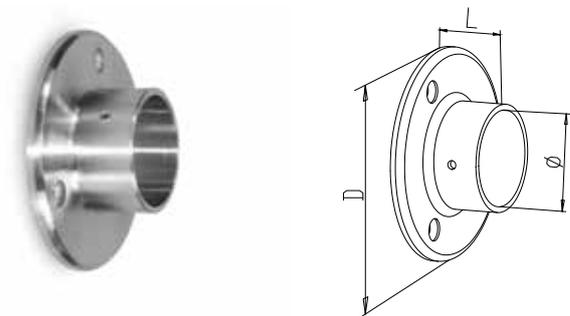
► Model 0735 Adj Adaptor						316's'	Outdoor
CODE	D	L1	L2	Ø	BOLT		
36.0735.422.S	42.4 x 2.0	30	26.5	42.4	FF-46		
36.0735.426.S	42.4 x 2.6	30	26.5	42.4	FF-46		
36.0735.482.S	48.3 x 2.0	35	33.5	48.3	FF-46		
36.0735.486.S	48.3 x 2.6	35	33.5	48.3	FF-46		

INFO



► Model 0731/0732 Adaptor				304	Indoor
CODE	D	Ø	BOLT		
34.0731.422.S	42.4 x 2.0	42.4	FF-45		
34.0731.426.S	42.4 x 2.6	42.4	FF-45		
34.0731.482.S	48.3 x 2.0	48.3	FF-45		
34.0731.482.S	48.3 x 2.6	48.3	FF-45		
34.0732.422.S	42.4 x 2.0	48.3	FF-45		
34.0732.426.S	42.4 x 2.6	48.3	FF-45		

► Model 0731/0732 Adaptor				316's'	Outdoor
CODE	D	Ø	BOLT		
36.0731.422.S	42.4 x 2.0	42.4	FF-46		
36.0731.426.S	42.4 x 2.6	42.4	FF-46		
36.0731.482.S	48.3 x 2.0	48.3	FF-46		
36.0731.482.S	48.3 x 2.0	48.3	FF-46		
36.0732.482.S	42.4 x 2.0	48.3	FF-46		
36.0732.486.S	42.4 x 2.6	48.3	FF-46		

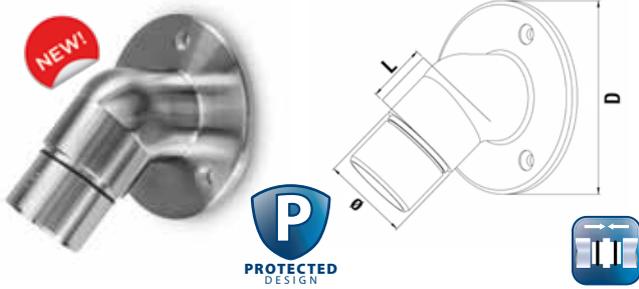


► Model 0740 Wall Flange					304	Indoor
CODE	D	L	Ø	BOLT		
34.0740.420.S	95	30	42.4	FF-6		
34.0740.480.S	100	35	48.3	FF-6		



► Model 0740 Wall Flange					316's'	Outdoor
CODE	D	L	Ø	BOLT		
36.0740.420.S	95	30	42.4	FF-7		
36.0740.480.S	100	35	48.3	FF-7		

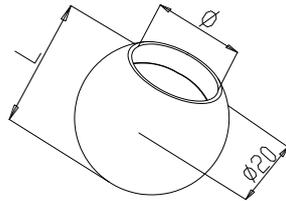
CONNECTORS



► Model 0745 Adj Wall Flange			
	304		Indoor
CODE	D	L	Ø
34.0745.422.S	95	30	42.4 x 2.0
34.0745.426.S	95	30	42.4 x 2.6
34.0745.482.S	100	35	48.3 x 2.0
34.0745.486.S	100	35	48.3 x 2.6



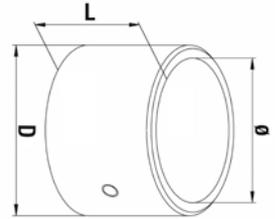
► Model 0745 Adj Wall Flange			
	316's'		Outdoor
CODE	D	L	Ø
36.0745.422.S	95	30	42.4 x 2.0
36.0745.426.S	95	30	42.4 x 2.6
36.0745.482.S	100	35	48.3 x 2.0
36.0745.486.S	100	35	48.3 x 2.6



► Model 0750 Ball End			
	304		Indoor
CODE	L	Ø	
34.0750.012.S	17.5	12	



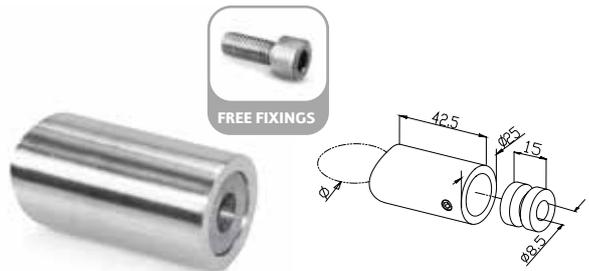
► Model 0750 Ball End			
	316's'		Outdoor
CODE	L	Ø	
36.0750.012.S	17.5	12	



► Model 0748 Slim Wall Flange			
	304		Indoor
CODE	D	L	Ø
34.0748.420.S	50	35	42.4
34.0748.480.S	56	35	48.3



► Model 0748 Slim Wall Flange			
	316's'		Outdoor
CODE	D	L	Ø
36.0748.420.S	50	35	42.4
36.0748.480.S	56	35	48.3



► Model 0760 Support			
	304		Indoor
CODE	Ø	BOLT	
34.0760.420.S	42.4	FF-29	



► Model 0760 Support			
	316's'		Outdoor
CODE	Ø	BOLT	
36.0760.420.S	42.4	FF-29	

ACCESSORIES



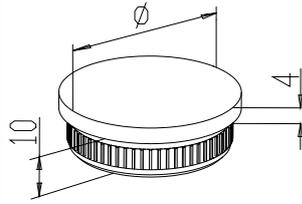
PAGE 221

Stainless Steel Cleaner
500 ml
10.9020.000.A

INFO



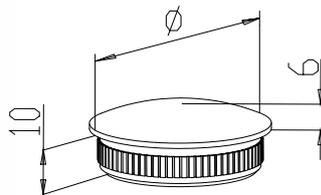
ENDCAPS



Model 0800 Flat End Cap	304	Indoor
CODE	Ø	
34.0800.422.S	42.4 x 2.0	
34.0800.426.S	42.4 x 2.6	
34.0800.482.S	48.3 x 2.0	
34.0800.486.S	48.3 x 2.6	



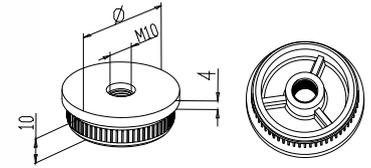
Model 0800 Flat End Cap	316's'	Outdoor
CODE	Ø	
36.0800.422.S	42.4 x 2.0	
36.0800.426.S	42.4 x 2.6	
36.0800.482.S	48.3 x 2.0	
36.0800.486.S	48.3 x 2.6	



Model 0810 Raised End Cap	304	Indoor
CODE	Ø	
34.0810.422.S	42.4 x 2.0	
34.0810.426.S	42.4 x 2.6	
34.0810.482.S	48.3 x 2.0	
34.0810.486.S	48.3 x 2.6	



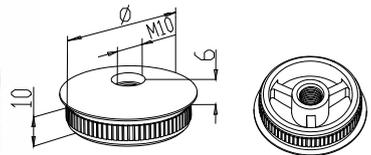
Model 0810 Raised End Cap	316's'	Outdoor
CODE	Ø	
36.0810.422.S	42.4 x 2.0	
36.0810.426.S	42.4 x 2.6	
36.0810.482.S	48.3 x 2.0	
36.0810.486.S	48.3 x 2.6	



Model 0801 Flat End Cap	304	Indoor
CODE	Ø	
34.0801.422.S	42.4 x 2.0	
34.0801.426.S	42.4 x 2.6	
34.0801.482.S	48.3 x 2.0	
34.0801.486.S	48.3 x 2.6	



Model 0801 Flat End Cap	316's'	Outdoor
CODE	Ø	
36.0801.422.S	42.4 x 2.0	
36.0801.426.S	42.4 x 2.6	
36.0801.482.S	48.3 x 2.0	
36.0801.486.S	48.3 x 2.6	



Model 0811 Raised End Cap	304	Indoor
CODE	Ø	
34.0811.422.S	42.4 x 2.0	
34.0811.426.S	42.4 x 2.6	
34.0811.482.S	48.3 x 2.0	
34.0811.486.S	48.3 x 2.6	



Model 0811 Raised End Cap	316's'	Outdoor
CODE	Ø	
36.0811.422.S	42.4 x 2.0	
36.0811.426.S	42.4 x 2.6	
36.0811.482.S	48.3 x 2.0	
36.0811.486.S	48.3 x 2.6	

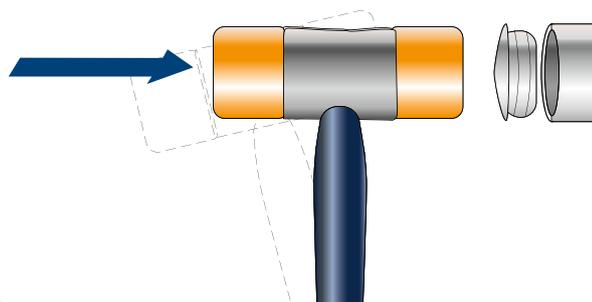
F ACCESSORIES



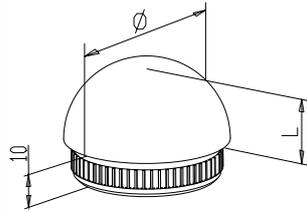
PAGE 221

Stain Remover
500 ml
10.9030.000.A

F INFO



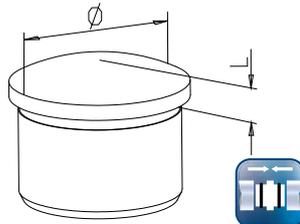
ENDCAPS



► Model 0820 Domed End Cap		
CODE	L	Ø
34.0820.422.S	21	42.4 x 2.0
34.0820.426.S	21	42.4 x 2.6
34.0820.482.S	24	48.3 x 2.0
34.0820.486.S	24	48.3 x 2.6



► Model 0820 Domed End Cap		
CODE	L	Ø
36.0820.422.S	21	42.4 x 2.0
36.0820.426.S	21	42.4 x 2.6
36.0820.482.S	24	48.3 x 2.0
36.0820.486.S	24	48.3 x 2.6



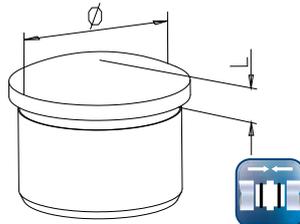
► Model 0850 Flat End Cap		
CODE	L	Ø
34.0850.422.S		42.4 x 2.0
34.0850.426.S		42.4 x 2.6
34.0850.482.S		48.3 x 2.0
34.0850.486.S		48.3 x 2.6



► Model 0850 Flat End Cap		
CODE	L	Ø
34.0850.422.S		42.4 x 2.0
34.0850.426.S		42.4 x 2.6
34.0850.482.S		48.3 x 2.0
34.0850.486.S		48.3 x 2.6



► Model 0850 Flat End Cap		
CODE	L	Ø
36.0850.422.S		42.4 x 2.0
36.0850.426.S		42.4 x 2.6
36.0850.482.S		48.3 x 2.0
36.0850.486.S		48.3 x 2.6



► Model 0860 Raised End Cap		
CODE	L	Ø
34.0860.016.S	4	16 x 1.0
34.0860.422.S	9	42.4 x 2.0
34.0860.426.S	9	42.4 x 2.6
34.0860.482.S	10	48.3 x 2.0
34.0860.486.S	10	48.3 x 2.6



► Model 0860 Raised End Cap		
CODE	L	Ø
36.0860.016.S	4	16 x 1.0
36.0860.422.S	9	42.4 x 2.0
36.0860.426.S	9	42.4 x 2.6
36.0860.482.S	10	48.3 x 2.0
36.0860.486.S	10	48.3 x 2.6

F ACCESSORIES



PAGE 221

Glue
50 ml
10.9010.000.A

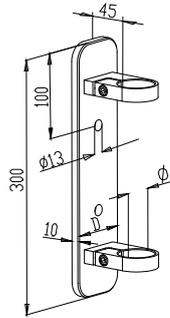
F ACCESSORIES



PAGE 221

Stainless Steel
Cleaner
500 ml
10.9020.000.A

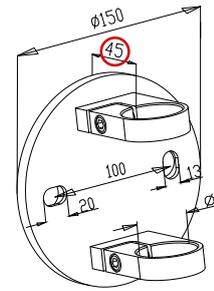
SIDE FIX BRACKETS



► Model 1000 Side Fix Bracket		
	304	Indoor
CODE	D	Ø
34.1000.420.S	70	42.4
34.1000.480.S	70	48.3



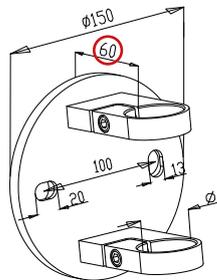
► Model 1000 Side Fix Bracket		
	316's'	Outdoor
CODE	D	Ø
36.1000.420.S	70	42.4
36.1000.480.S	70	48.3



► Model 1010 Side Fix Bracket		
	304	Indoor
CODE		Ø
34.1010.420.S		42.4
34.1010.480.S		48.3



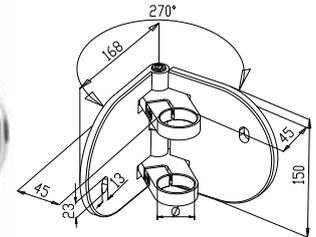
► Model 1010 Side Fix Bracket		
	316's'	Outdoor
CODE		Ø
36.1010.420.S		42.4
36.1010.480.S		48.3



► Model 1020 Side Fix Bracket		
	304	Indoor
CODE		Ø
34.1020.420.S		42.4
34.1020.480.S		48.3



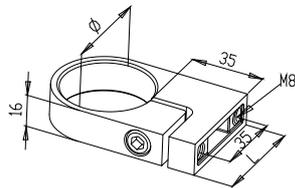
► Model 1020 Side Fix Bracket		
	316's'	Outdoor
CODE		Ø
36.1020.420.S		42.4
36.1020.480.S		48.3



► Model 1030 Corner Bracket		
	304	Indoor
CODE		Ø
34.1030.420.S		42.4
34.1030.480.S		48.3



► Model 1030 Corner Bracket		
	316's'	Outdoor
CODE		Ø
36.1030.420.S		42.4
36.1030.480.S		48.3



► Model 1040 Cleats		
	304	Indoor
CODE	Ø	L
34.1040.420.S	42.4	50
34.1040.480.S	48.3	55

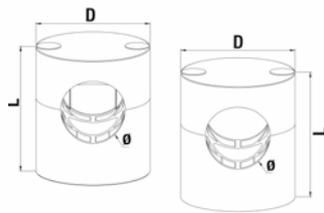


► Model 1040 Cleats		
	316's'	Outdoor
CODE	Ø	L
36.1040.420.S	42.4	50
36.1040.480.S	48.3	55

SIDE FIX BRACKETS



NEW!



► **Model 1050 In-Line Brackets**

304

Indoor

CODE	D	L	Ø
34.1050.420.S	75	85	42.4
34.1050.480.S	80	85	48.3



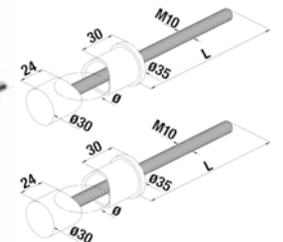
► **Model 1050 In-Line Brackets**

316's'

Outdoor

CODE	D	L	Ø
36.1050.420.S	75	85	42.4
36.1050.480.S	80	85	48.3

NEW!



► **Model 1060 In-Line Brackets**

304

Indoor

CODE	Ø	L
34.1060.420.S	42.4	110
34.1060.480.S	48.3	105



► **Model 1060 In-Line Brackets**

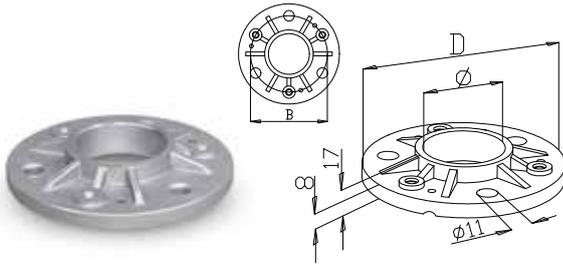
316's'

Outdoor

CODE	Ø	L
36.1060.420.S	42.4	110
36.1060.480.S	48.3	105



WELDED BASES/COVERS



► **Model 1100 3 Hole Base** **304** **Indoor**

CODE	D	B	∅
34.1100.420.R	105	80	42.4
34.1100.480.R	115	90	48.3



► **Model 1100 3 Hole Base** **316's'** **Outdoor**

CODE	D	B	∅
36.1100.420.S	105	80	42.4
36.1100.480.S	115	90	48.3

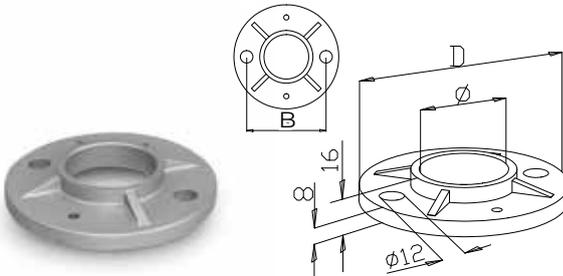


► **Model 1101 Base Cover** **304** **Indoor**

CODE	D	∅
34.1101.420.S	110	42.4
34.1101.480.S	120	48.3

► **Model 1101 Base Cover** **316** **Outdoor**

CODE	D	∅
36.1101.420.S	110	42.4
36.1101.480.S	120	48.3



► **Model 1110 2 Hole Base** **304** **Indoor**

CODE	D	B	∅
34.1110.420.R	100	75	42.4
34.1110.480.R	100	85	48.3



► **Model 1110 2 Hole Base** **316's'** **Outdoor**

CODE	D	B	∅
36.1110.420.R	100	75	42.4
36.1110.480.R	100	85	48.3

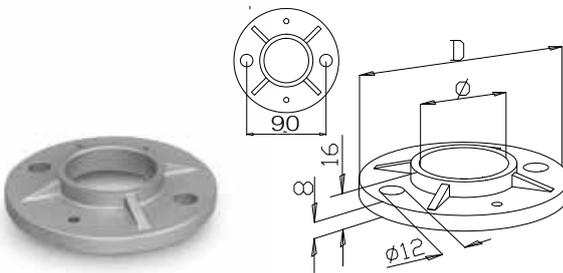


► **Model 1111 Base Cover** **304** **Indoor**

CODE	D	∅
34.1111.420.S	105	42.4
34.1111.480.S	105	48.3

► **Model 1111 Base Cover** **316** **Outdoor**

CODE	D	∅
36.1111.420.S	105	42.4
36.1111.480.S	105	48.3



► **Model 1120 2 Hole Base** **304** **Indoor**

CODE	D	∅
34.1120.420.R	120	42.4
34.1120.480.R	120	48.3



► **Model 1120 2 Hole Base** **316's'** **Outdoor**

CODE	D	∅
36.1120.420.R	120	42.4
36.1120.480.R	120	48.3



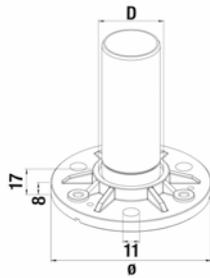
► **Model 1121 Base Cover** **304** **Indoor**

CODE	D	∅
34.1121.420.S	125	42.4
34.1121.480.S	125	48.3

► **Model 1121 Base Cover** **316** **Outdoor**

CODE	D	∅
36.1121.420.S	125	42.4
36.1121.480.S	125	48.3

WELDED/GLUED BASES



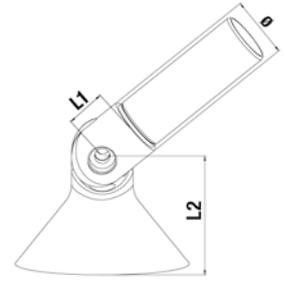
► Model 1105 Glue In Base		304	Indoor
CODE	D	Ø	
34.1105.422.R	42.4 x 2.0	105	
34.1105.426.R	42.4 x 2.6	105	
34.1105.482.R	48.3 x 2.0	115	
34.1105.486.R	48.3 x 2.6	115	

USE MODEL 1101 BASE COVERS



► Model 1105 Glue In Base		316's'	Outdoor
CODE	D	Ø	
36.1105.422.R	42.4 x 2.0	105	
36.1105.426.R	42.4 x 2.6	105	
36.1105.482.R	48.3 x 2.0	115	
36.1105.486.R	48.3 x 2.6	115	

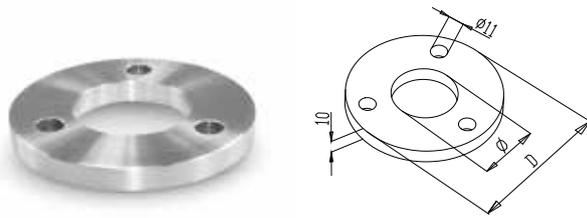
USE MODEL 1101 BASE COVERS



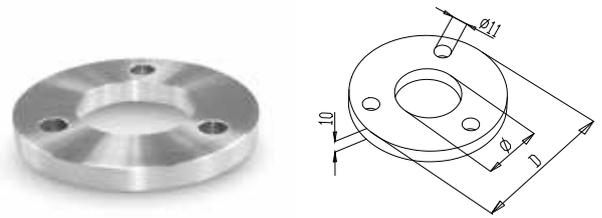
► Model 1150 Adj Base		304	Indoor	
CODE	Ø	L1	L2	
34.1150.426.S	42.4 x 2.6	30	80	
34.1150.486.S	48.3 x 2.6	35	84	



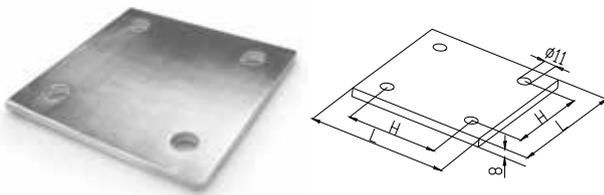
► Model 1150 Adj Base		316's'	Outdoor	
CODE	Ø	L1	L2	
36.1150.426.S	42.4 x 2.6	30	80	
36.1150.486.S	48.3 x 2.6	35	84	



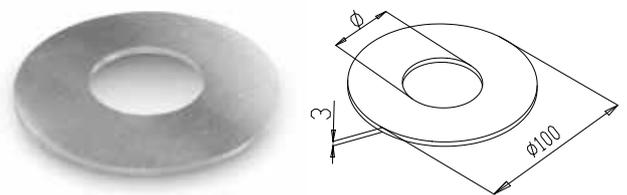
► Model 1200 Weldable Base		304	Indoor
CODE	D	Ø	
34.1200.420.S	100	42.4	
34.1200.480.S	100	48.3	



► Model 1210 Weldable Base		304	Indoor
CODE	D	Ø	
34.1210.420.S	120	42.4	
34.1210.480.S	120	48.3	



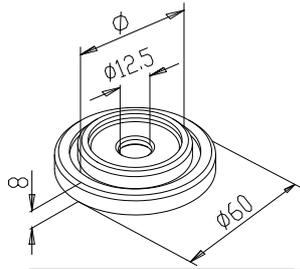
► Model 1250 Square Plate		304	Indoor
CODE	L	H	Ø
34.1250.120.S	120	80	11



► Model 1280 Spigot Cover		304	Indoor
CODE	Ø		
34.1280.420.S	42.4		
34.1280.480.S	48.3		

► Model 1280 Spigot Cover		316	Outdoor
CODE	Ø		
36.1280.420.S	42.4		
36.1280.480.S	48.3		

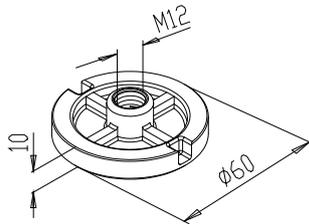
CLAMP FIX BASES/POSTS



Model 1310 Clamp Fix Top	304	Indoor
CODE	Ø	
34.1310.420.S	42.4	
34.1310.480.S	48.3	



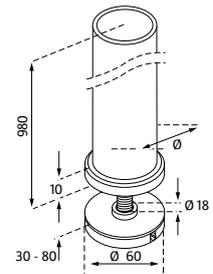
Model 1310 Clamp Fix Top	316's'	Outdoor
CODE	Ø	
36.1310.420.S	42.4	
36.1310.480.S	48.3	



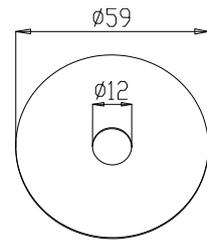
Model 1320 Clamp Fix Bottom	304	Indoor
CODE	Ø	
34.1320.060.S		



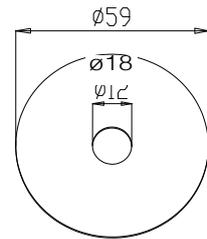
Model 1320 Clamp Fix Bottom	316's'	Outdoor
CODE	Ø	
36.1320.060.S		



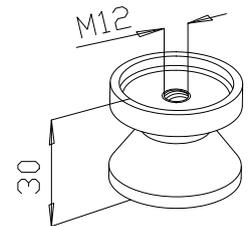
Model 1710 Clamp Fix Post	304	Indoor
CODE	Ø	
34.1710.426.S	42.4 x 2.6	
34.1710.486.S	48.3 x 2.6	



Model 1321 Top Washer
CODE
10.1321.059.P



Model 1311 Bottom Washer
CODE
10.1311.059.P



Model 1300 Threaded Insert	304	Indoor
CODE	Ø	
34.1300.426.S	42.4 x 2.6	
34.1300.486.S	48.3 x 2.6	

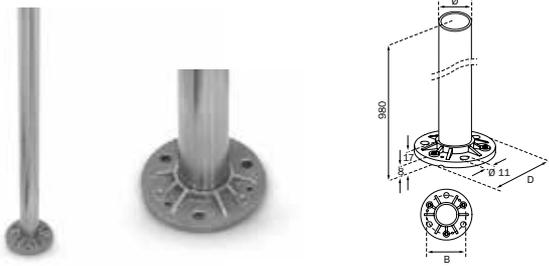


Model 1300 Threaded Insert	316's'	Outdoor
CODE	Ø	
36.1300.426.S	42.4 x 2.6	
36.1300.486.S	48.3 x 2.6	

INFO

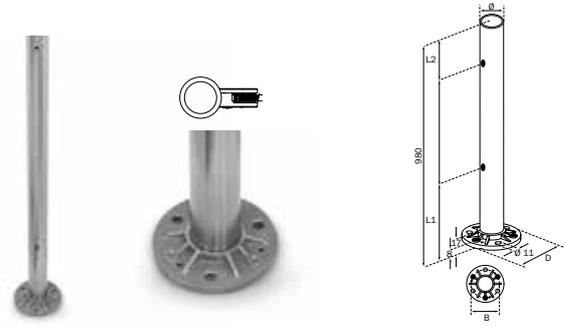


POSTS



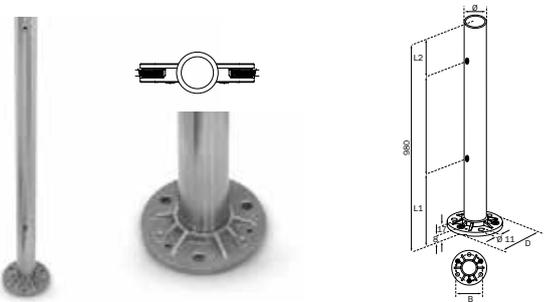
► Model 1510 Post		304	Indoor	
CODE	D	Ø	B	
34.1510.426.S	105	42.4 x 2.6	80	
34.1510.486.S	115	48.3 x 2.6	90	

► Model 1510 Post		316	Outdoor	
CODE	D	Ø	B	
36.1510.426.S	105	42.4 x 2.6	80	
36.1510.486.S	115	48.3 x 2.6	90	



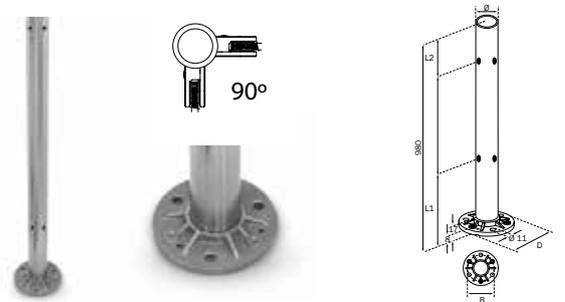
► Model 1610 End Post		304	Indoor			
CODE	D	Ø	B	L1	L2	
34.1610.426.R	105	42.4 x 2.6	80	195	120	
34.1610.486.R	115	48.3 x 2.6	90	195	120	

► Model 1610 End Post		316	Outdoor			
CODE	D	Ø	B	L1	L2	
36.1610.426.S	105	42.4 x 2.6	80	195	120	
36.1610.486.S	115	48.3 x 2.6	90	195	120	



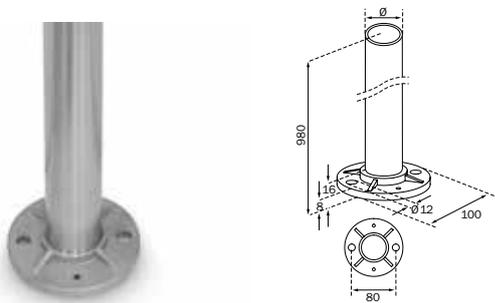
► Model 1620 Mid Post		304	Indoor			
CODE	D	Ø	B	L1	L2	
34.1620.426.R	105	42.4 x 2.6	80	195	120	
34.1620.486.R	115	48.3 x 2.6	90	195	120	

► Model 1620 Mid Post		316	Outdoor			
CODE	D	Ø	B	L1	L2	
36.1620.426.S	105	42.4 x 2.6	80	195	120	
36.1620.486.S	115	48.3 x 2.6	90	195	120	



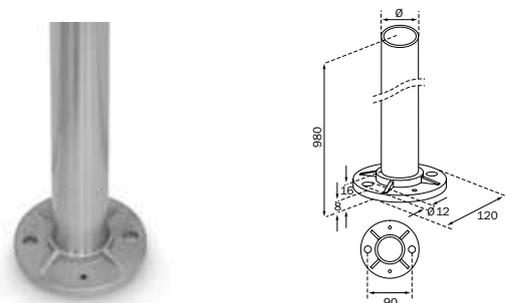
► Model 1630 Corner Post		304	Indoor			
CODE	D	Ø	B	L1	L2	
34.1630.426.R	105	42.4 x 2.6	80	195	120	
34.1630.486.R	115	48.3 x 2.6	90	195	120	

► Model 1630 Corner Post		316	Outdoor			
CODE	D	Ø	B	L1	L2	
36.1630.426.S	105	42.4 x 2.6	80	195	120	
36.1630.486.S	115	48.3 x 2.6	90	195	120	



► Model 1520 2 Hole Base		304	Indoor	
CODE	Ø			
34.1520.426.S	42.4 x 2.6			
34.1520.486.S	48.3 x 2.6			

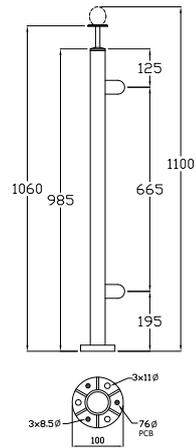
► Model 1520 2 Hole Base		316	Outdoor	
CODE	Ø			
36.1520.426.S	42.4 x 2.6			
36.1520.486.S	48.3 x 2.6			



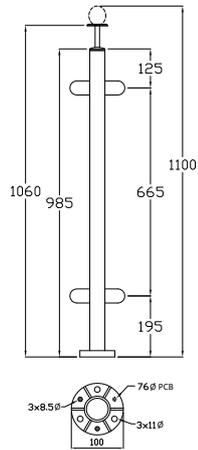
► Model 1530 2 Hole Base		304	Indoor	
CODE	Ø			
34.1530.426.S	42.4 x 2.6			
34.1530.486.S	48.3 x 2.6			

► Model 1530 2 Hole Base		316	Outdoor	
CODE	Ø			
36.1530.426.S	42.4 x 2.6			
36.1530.486.S	48.3 x 2.6			

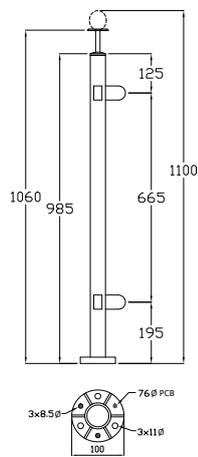
PRE-ASSEMBLED POSTS



End Post	316	Outdoor
CODE	∅	☐
Pre-Assembled End Post	42.4 x 2.0	1



Mid Post	316	Outdoor
CODE	∅	☐
Pre-Assembled Mid Post	42.4 x 2.0	1



Corner Post	316	Outdoor
CODE	∅	☐
Pre-Assembled Corner Post	42.4 x 2.0	1



Pre-Assembled Posts Are Now Here

Quick, Easy, Convenient, Affordable

- Ready to go posts inc:**
- > **Welded base**
 - > **Base Cover**
 - > **Glass Clamps**
 - > **Stem Connector**
(Supplied Loose)



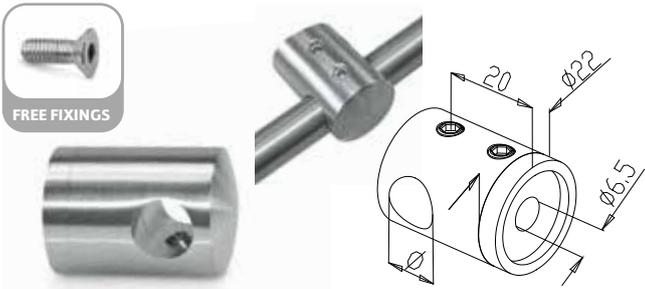
These new posts use substituted products away from the **Fastec** range.

Reduce Manufacture time + Speed up **installation** time

For the ease of installation Fastec now offers an alternative range of **Pre-Assembled** Balustrade Posts saving time and costs by allowing the installer to focus on the installation rather than the manufacture.

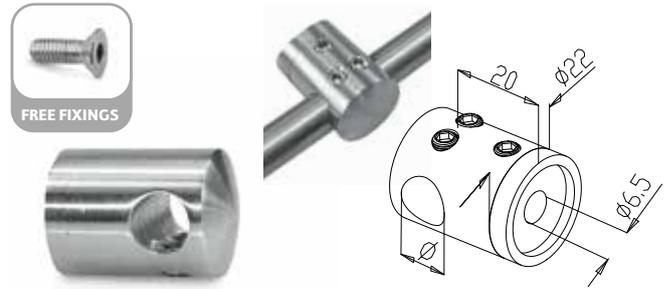
work faster,
work smarter,
work Fastec

CROSSBAR HOLDERS



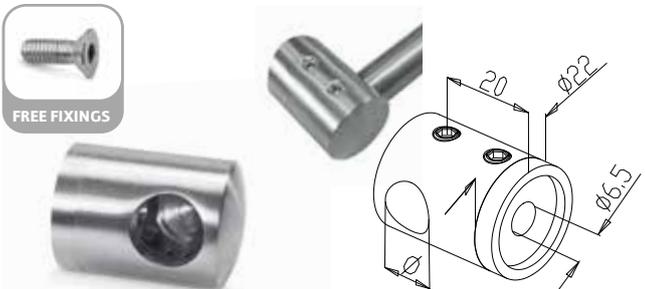
Model 2010/2012 Mid Crossbar	304	Indoor
CODE	Ø	BOLT
34.2010.000.S	10	FF-15
34.2012.000.S	12	FF-15

Model 2012 Mid Crossbar	316	Outdoor
CODE	Ø	BOLT
36.2012.000.S	12	FF-16



Model 2110/2112 Connector Crossbar	304	Indoor
CODE	Ø	BOLT
34.2110.000.S	10	FF-15
34.2112.000.S	12	FF-15

Model 2012 Connector Crossbar	316	Outdoor
CODE	Ø	BOLT
36.2112.000.S	12	FF-16



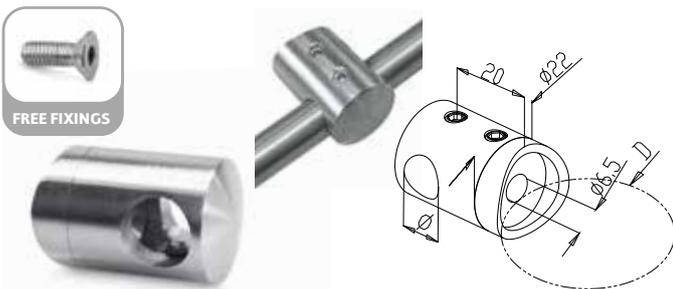
Model 2212 End Crossbar	304	Indoor
CODE	Ø	BOLT
34.2212.000.S	12	FF-15

Model 2212 End Crossbar	316	Outdoor
CODE	Ø	BOLT
36.2212.000.S	12	FF-16



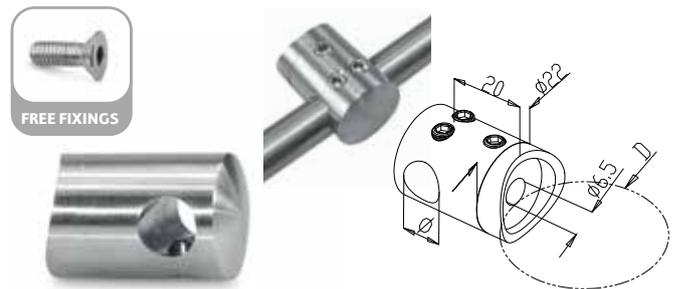
Model 2312 End Crossbar	304	Indoor
CODE	Ø	BOLT
34.2312.000.S	12	FF-15

Model 2312 End Crossbar	316	Outdoor
CODE	Ø	BOLT
36.2312.000.S	12	FF-16



Model 2010/2012 Mid Crossbar	304	Indoor	
CODE	D	Ø	BOLT
34.2010.420.S	42.4	10	FF-15
34.2012.420.S	42.4	12	FF-15
34.2012.480.S	48.3	12	FF-15

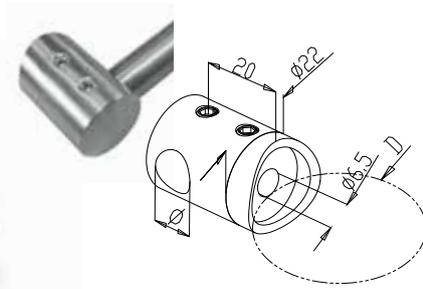
Model 2010/2012 Mid Crossbar	316	Outdoor	
CODE	D	Ø	BOLT
36.2012.420.S	42.4	12	FF-16
36.2012.480.S	48.3	12	FF-16



Model 2110/2112 Connector	304	Indoor	
CODE	D	Ø	BOLT
34.2110.420.S	42.4	10	FF-15
34.2112.420.S	42.4	12	FF-15
34.2112.480.S	48.3	12	FF-15

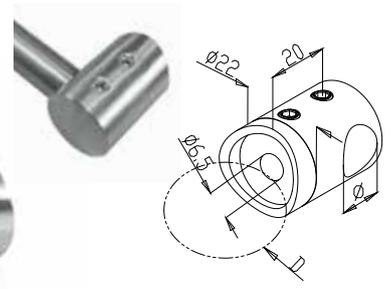
Model 2110/2112 Connector	316	Outdoor	
CODE	D	Ø	BOLT
36.2112.420.S	42.4	12	FF-16
36.2112.480.S	48.3	12	FF-16

CROSSBAR HOLDERS



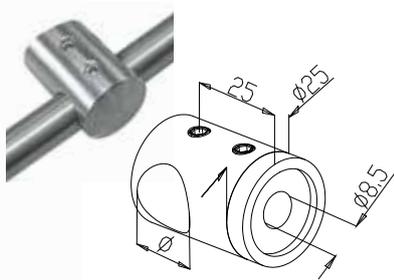
► Model 2212 End Crossbar		304	Indoor
CODE	D	Ø	BOLT
34.2212.420.S	42.4	12	FF-15
34.2212.480.S	48.3	12	FF-15

► Model 2212 End Crossbar		316	Outdoor
CODE	D	Ø	BOLT
36.2212.420.S	42.4	12	FF-16
36.2212.480.S	48.3	12	FF-16



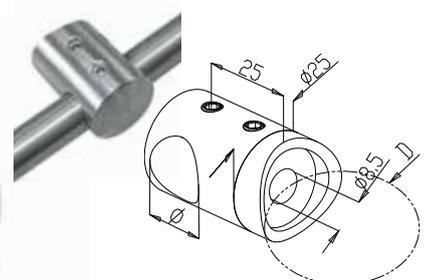
► Model 2312 End Crossbar		304	Indoor
CODE	D	Ø	BOLT
34.2312.420.S	42.4	12	FF-15
34.2312.480.S	48.3	12	FF-15

► Model 2212 End Crossbar		316	Outdoor
CODE	D	Ø	BOLT
36.2312.420.S	42.4	12	FF-16
36.2312.480.S	48.3	12	FF-16



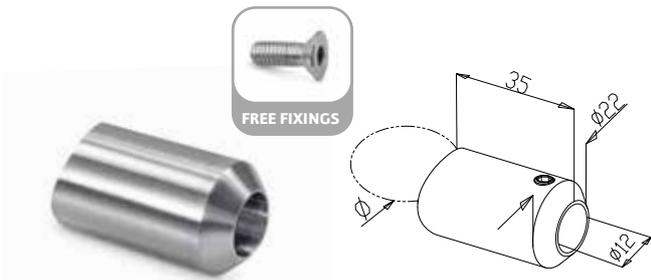
► Model 2416 Mid Crossbar		304	Indoor
CODE	Ø	BOLT	
34.2416.000.S	16	FF-15	

► Model 2416 Mid Crossbar		316	Outdoor
CODE	Ø	BOLT	
36.2416.000.S	16	FF-16	

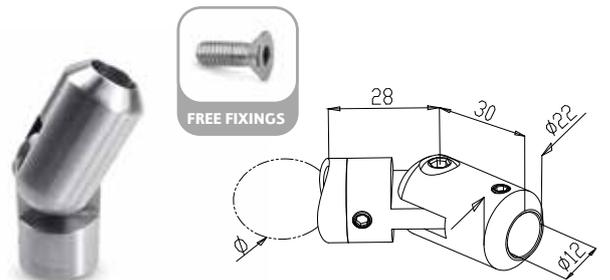


► Model 2416 Mid Crossbar		304	Indoor
CODE	D	Ø	BOLT
34.2416.420.S	42.4	16	FF-19
34.2416.480.S	48.3	16	FF-19

► Model 2416 Mid Crossbar		316	Outdoor
CODE	D	Ø	BOLT
36.2416.420.S	42.4	16	FF-20
36.2416.480.S	48.3	16	FF-20



► Model 2812 In-line Crossbar		304	Indoor
CODE	Ø	BOLT	
34.2812.420.S	42.4	FF-15	
34.2812.480.S	48.3	FF-15	

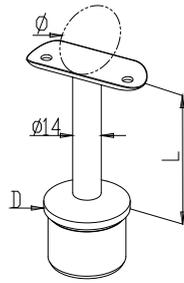


► Model 2912 Adj In-line Crossbar		304	Indoor
CODE	Ø	BOLT	
34.2912.420.S	42.4	FF-15	
34.2912.480.S	48.3	FF-15	



MIRROR POLISHED

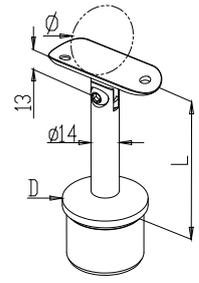
MIRROR POLISHED



▶ Model 0110 Stem		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0110.426.M	42.4 x 2.6	80	42.4	FF-10	
34.0110.486.M	48.3 x 2.6	80	48.3	FF-10	



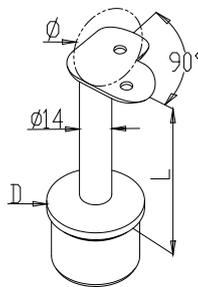
▶ Model 0110 Stem		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0110.426.M	42.4 x 2.6	80	42.4	FF-11	
36.0110.486.M	48.3 x 2.6	80	48.3	FF-11	



▶ Model 0115 Adj Stem		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0115.426.M	42.4 x 2.6	80	42.4	FF-10	
34.0115.486.M	48.3 x 2.6	80	48.3	FF-10	



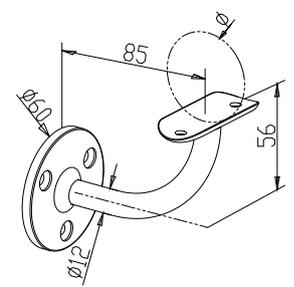
▶ Model 0115 Adj Stem		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0115.426.M	42.4 x 2.6	80	42.4	FF-11	
36.0115.486.M	48.3 x 2.6	80	48.3	FF-11	



▶ Model 0130 90° Stem		304	Indoor		
CODE	D	L	Ø	BOLT	
34.0130.426.M	42.4 x 2.6	80	42.4	FF-10	
34.0130.486.M	48.3 x 2.6	80	48.3	FF-10	



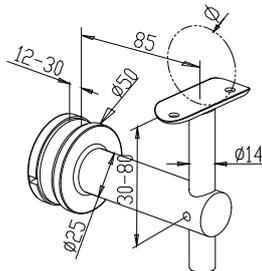
▶ Model 0130 90° Stem		316's'	Outdoor		
CODE	D	L	Ø	BOLT	
36.0130.426.M	42.4 x 2.6	80	42.4	FF-11	
36.0130.486.M	48.3 x 2.6	80	48.3	FF-11	



▶ Model 0521 Handrail Bracket		304	Indoor	
CODE	Ø	BOLT		
34.0521.420.M	42.4	FF-10		
34.0521.480.M	48.3	FF-10		

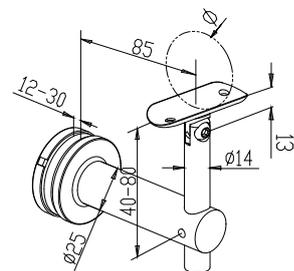


▶ Model 0521 Handrail Bracket		316's'	Outdoor	
CODE	Ø	BOLT		
36.0521.420.M	42.4	FF-11		
36.0521.480.M	48.3	FF-11		



▶ Model 0440 Handrail Bracket		304	Indoor	
CODE	Ø	BOLT		
34.0440.420.M	42.4	FF-10		
34.0440.480.M	48.3	FF-10		

▶ Model 0440 Handrail Bracket		316's'	Outdoor	
CODE	Ø	BOLT		
36.0440.420.M	42.4	FF-11		
36.0440.480.M	48.3	FF-11		

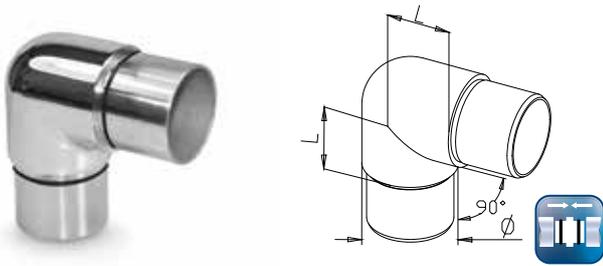


▶ Model 0445 Adj Handrail Bracket		304	Indoor	
CODE	Ø	BOLT		
34.0445.420.M	42.4	FF-10		
34.0445.480.M	48.3	FF-10		



▶ Model 0445 Adj Handrail Bracket		316's'	Outdoor	
CODE	Ø	BOLT		
36.0445.420.M	42.4	FF-11		
36.0445.480.M	48.3	FF-11		

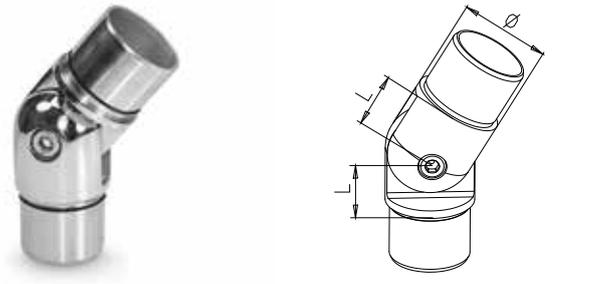
MIRROR POLISHED



► Model 0610 90° Elbow		304	Indoor
CODE	L	Ø	
34.0610.426.M	30	42.4 x 2.6	
34.0610.486.M	35	48.3 x 2.6	



► Model 0610 90° Elbow		316's'	Outdoor
CODE	L	Ø	
36.0610.426.M	30	42.4 x 2.6	
36.0610.486.M	35	48.3 x 2.6	



► Model 0640 Adj Elbow		304	Indoor
CODE	L	Ø	
34.0640.426.M	27	42.4 x 2.6	
34.0640.486.M	30	48.3 x 2.6	



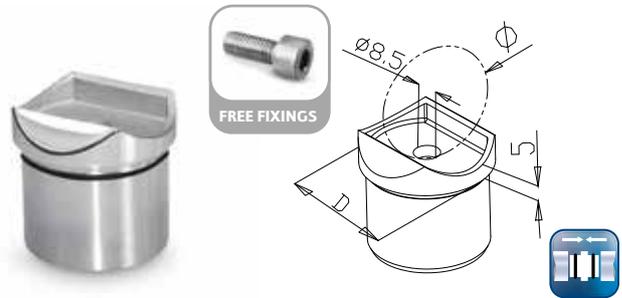
► Model 0640 Adj Elbow		316's'	Outdoor
CODE	L	Ø	
36.0640.426.M	27	42.4 x 2.6	
36.0640.486.M	30	48.3 x 2.6	



► Model 0720 Connector		304	Indoor
CODE	Ø		
34.0720.426.M	42.4 x 2.6		
34.0720.486.M	48.3 x 2.6		



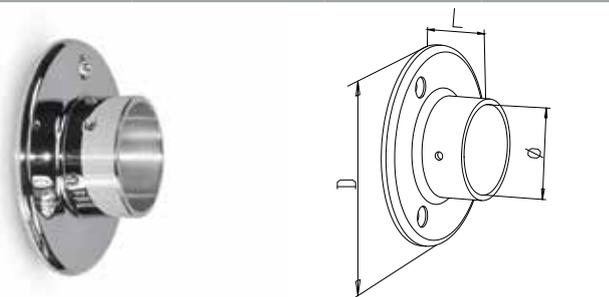
► Model 0720 Connector		316's'	Outdoor
CODE	Ø		
36.0720.426.M	42.4 x 2.6		
36.0720.486.M	48.3 x 2.6		



► Model 0731 Adaptor		304	Indoor
CODE	D	Ø	BOLT
34.0731.426.M	42.4 x 2.6	42.4	FF-45
34.0731.486.M	48.3 x 2.6	48.3	FF-45



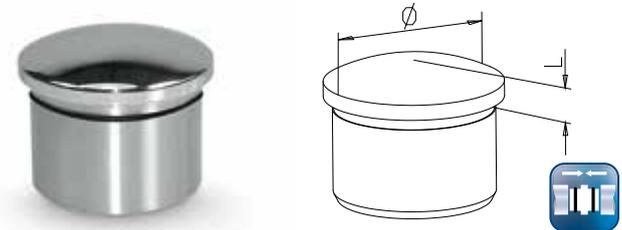
► Model 0731 Adaptor		316's'	Outdoor
CODE	D	Ø	BOLT
36.0731.426.M	42.4 x 2.6	42.4	FF-46
36.0731.486.M	48.3 x 2.6	48.3	FF-46



► Model 0740 Wall Flange		304	Indoor
CODE	D	L	Ø BOLT
34.0740.420.M	95	30	42.4 FF-6
34.0740.480.M	100	35	48.3 FF-6



► Model 0740 Wall Flange		316's'	Outdoor
CODE	D	L	Ø BOLT
36.0740.420.M	95	30	42.4 FF-7
36.0740.480.M	100	35	48.3 FF-7

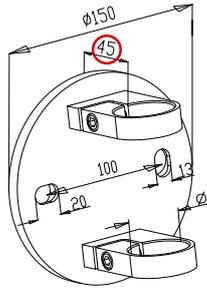


► Model 0860 Raised End Cap		304	Indoor
CODE	L	Ø	
34.0860.426.M	9	42.4 x 2.6	
34.0860.486.M	10	48.3 x 2.6	



► Model 0860 Raised End Cap		316's'	Outdoor
CODE	L	Ø	
36.0860.426.M	9	42.4 x 2.6	
36.0860.486.M	10	48.3 x 2.6	

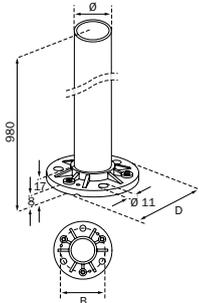
MIRROR POLISHED



► Model 1010 Side Fix Bracket		304	Indoor
CODE			Ø
34.1010.420.M			42.4
34.1010.480.M			48.3

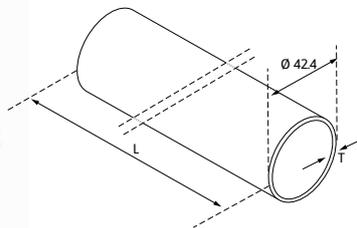


► Model 1010 Side Fix Bracket		316's'	Outdoor
CODE			Ø
36.1010.420.M			42.4
36.1010.480.M			48.3



► Model 1510 Post		304	Indoor
CODE	D	Ø	B
34.1510.426.M	105	42.4 x 2.6	80
34.1510.486.M	115	48.3 x 2.6	90

► Model 1510 Post		316	Outdoor
CODE	D	Ø	B
36.1510.426.M	105	42.4 x 2.6	80
36.1510.486.M	115	48.3 x 2.6	90



► Ø 42.4mm Tube		304	Indoor
CODE	L		T(MM)
34.1900.426.M	6000 mm		2.6
34.1910.426.M	3000 mm		2.6

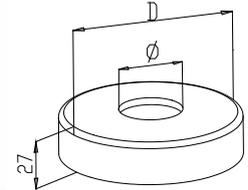
► Ø 42.4mm Tube		316	Outdoor
CODE	L		T(MM)
36.1900.426.M	6000 mm		2.6
36.1910.426.M	3000 mm		2.6



► Model 32 Glass Clamps		304	Indoor
CODE			
SEE PAGE 55 FOR DETAILS			

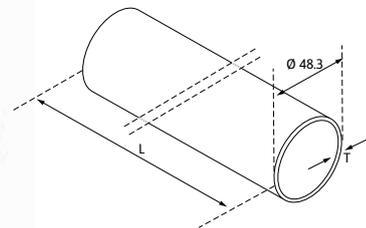


► Model 32		316's'	Outdoor
CODE			
SEE PAGE 55 FOR DETAILS			



► Model 1101 Base Cover		304	Indoor
CODE	D	Ø	
34.1101.420.M	110	42.4	
34.1101.480.M	120	48.3	

► Model 1101 Base Cover		316	Outdoor
CODE	D	Ø	
36.1101.420.M	110	42.4	
36.1101.480.M	120	48.3	



► Ø 48.3mm Tube		304	Indoor
CODE	L		T(MM)
34.1900.486.M	6000 mm		2.6
34.1910.486.M	3000 mm		2.6

► Ø 48.3mm Tube		316	Outdoor
CODE	L		T(MM)
36.1900.486.M	6000 mm		2.6
36.1910.486.M	3000 mm		2.6



GLASS CLAMPS

GLASS CLAMPS STAINLESS/ZINTEC



► Model 30 Flat Glass Clamp		
CODE	G (MM)	BOLT
34.3006.000.S	6	FF-45
34.3008.000.S	8	FF-45



► Model 30 Radiused Glass Clamp			
CODE	Ø	G (MM)	BOLT
34.3006.420.S	42.4	6	FF-45
34.3008.420.S	42.4	8	FF-45



► Model 30 Flat Glass Clamp		
CODE	G (MM)	BOLT
36.3006.000.S	6	FF-46
36.3008.000.S	8	FF-46

► Model 30 Radiused Glass Clamp			
CODE	Ø	G (MM)	BOLT
36.3006.420.S	42.4	6	FF-46
36.3008.420.S	42.4	8	FF-46



► Model 30 Flat Glass Clamp		
CODE	G (MM)	BOLT
20.3006.000.R	6	FF-47
20.3008.000.R	8	FF-47
20.3006.000.S	6	FF-47
20.3008.000.S	8	FF-47



► Model 30 Radiused Glass Clamp			
CODE	Ø	G (MM)	BOLT
20.3006.420.R	42.4	6	FF-47
20.3008.420.R	42.4	8	FF-47
20.3006.420.S	42.4	6	FF-47
20.3008.420.S	42.4	8	FF-47

INFO

ZINTEC Finishes

R = Raw Finish

S = Satin Effect



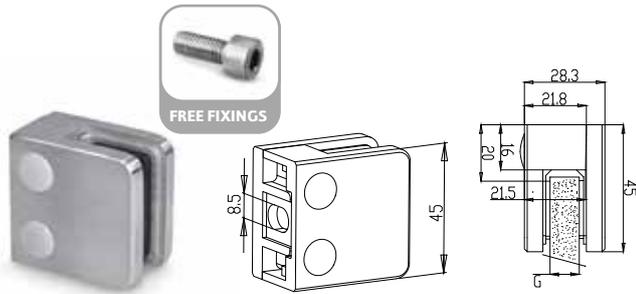
ACCESSORIES



PAGE 221

Glass Cleaner
500 ml
10.9020.000.A

GLASS CLAMPS STAINLESS/ZINTEC



Model 31 Flat Glass Clamp **304** **Indoor**

CODE	G (MM)	BOLT
34.3106.000.S	6	FF-45
34.3108.000.S	8	FF-45
34.3110.000.S	10	FF-45
34.3109.000.S	8.76	FF-45
34.3144.000.S	9.52	FF-45



Model 31 Flat Glass Clamp **316's'** **Outdoor**

CODE	G (MM)	BOLT
36.3106.000.S	6	FF-46
36.3108.000.S	8	FF-46
36.3110.000.S	10	FF-46
36.3109.000.S	8.76	FF-46
36.3144.000.S	9.52	FF-46

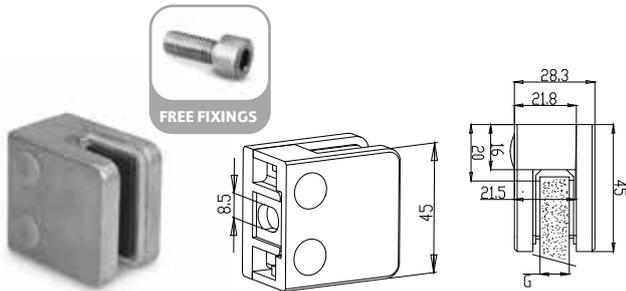


Model 31 Radiused Glass Clamp **304** **Indoor**

CODE	Ø	G (MM)	BOLT
34.3106.420.S	42.4	6	FF-45
34.3108.420.S	42.4	8	FF-45
34.3110.420.S	42.4	10	FF-45
34.3109.420.S	42.4	8.76	FF-45
34.3144.420.S	42.4	9.52	FF-45

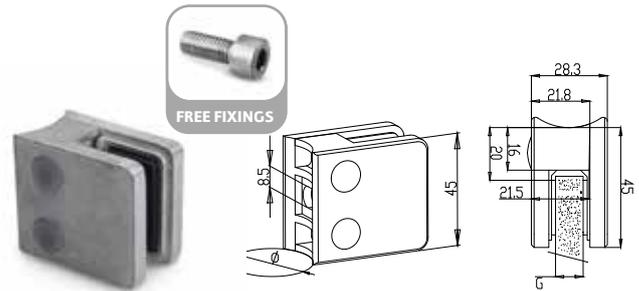
Model 31 Radiused Glass Clamp **316's'** **Outdoor**

CODE	Ø	G (MM)	BOLT
36.3106.420.S	42.4	6	FF-46
36.3108.420.S	42.4	8	FF-46
36.3110.420.S	42.4	10	FF-46
36.3109.420.S	42.4	8.76	FF-46
36.3144.420.S	42.4	9.52	FF-46



Model 31 Flat Glass Clamp **ZINTEC** **Indoor**

CODE	G (MM)	BOLT
20.3106.000.R	6	FF-47
20.3108.000.R	8	FF-47
20.3110.000.R	10	FF-47
20.3106.000.S	6	FF-47
20.3108.000.S	8	FF-47
20.3110.000.S	10	FF-47



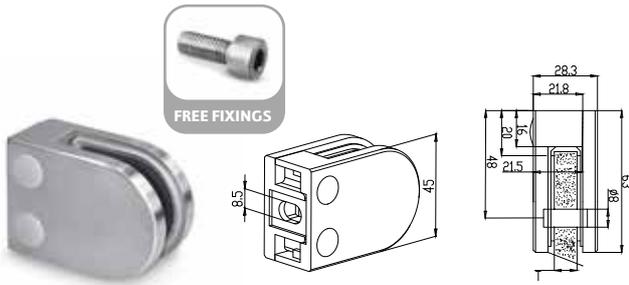
Model 31 Radiused Glass Clamp **ZINTEC** **Indoor**

CODE	Ø	G (MM)	BOLT
20.3106.420.R	42.4	6	FF-47
20.3108.420.R	42.4	8	FF-47
20.3110.420.R	42.4	10	FF-47
20.3106.420.S	42.4	6	FF-47
20.3108.420.S	42.4	8	FF-47
20.3110.420.S	42.4	10	FF-47

INFO



GLASS CLAMPS STAINLESS



► Model 32 Flat Glass Clamp

304 Indoor

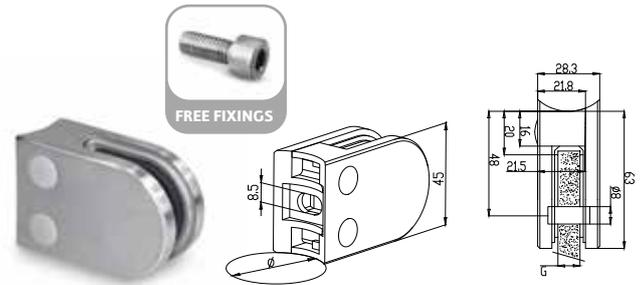
CODE	G (MM)	BOLT
34.3206.000.S	6	FF-45
34.3208.000.S	8	FF-45
34.3210.000.S	10	FF-45
34.3212.000.S	12	FF-45
34.3209.000.S	8.76	FF-45
34.3244.000.S	9.52	FF-45
34.3211.000.S	10.76	FF-45
34.3254.000.S	11.52	FF-45
34.3213.000.S	12.76	FF-45



► Model 32 Flat Glass Clamp

316's Outdoor

CODE	G (MM)	BOLT
36.3206.000.S	6	FF-46
36.3208.000.S	8	FF-46
36.3210.000.S	10	FF-46
36.3212.000.S	12	FF-46
36.3209.000.S	8.76	FF-46
36.3244.000.S	9.52	FF-46
36.3211.000.S	10.76	FF-46
36.3254.000.S	11.52	FF-46
36.3213.000.S	12.76	FF-46



► Model 32 Radiused Glass Clamp

304 Indoor

CODE	Ø	G (MM)	BOLT
34.3206.420.S	42.4	6	FF-45
34.3208.420.S	42.4	8	FF-45
34.3210.420.S	42.4	10	FF-45
34.3212.420.S	42.4	12	FF-45
34.3209.420.S	42.4	8.76	FF-45
34.3244.420.S	42.4	9.52	FF-45
34.3211.420.S	42.4	10.76	FF-45
34.3254.420.S	42.4	11.52	FF-45
34.3213.420.S	42.4	12.76	FF-45

34.3206.480.S	48.3	6	FF-45
34.3208.480.S	48.3	8	FF-45
34.3210.480.S	48.3	10	FF-45
34.3212.480.S	48.3	12	FF-45
34.3209.480.S	48.3	8.76	FF-45
34.3244.480.S	48.3	9.52	FF-45
34.3211.480.S	48.3	10.76	FF-45
34.3254.480.S	48.3	11.52	FF-45
34.3213.480.S	48.3	12.76	FF-45



► Model 32 Radiused Glass Clamp

316's Outdoor

CODE	Ø	G (MM)	BOLT
36.3206.420.S	42.4	6	FF-46
36.3208.420.S	42.4	8	FF-46
36.3210.420.S	42.4	10	FF-46
36.3212.420.S	42.4	12	FF-46
36.3209.420.S	42.4	8.76	FF-46
36.3244.420.S	42.4	9.52	FF-46
36.3211.420.S	42.4	10.76	FF-46
36.3254.420.S	42.4	11.52	FF-46
36.3213.420.S	42.4	12.76	FF-46

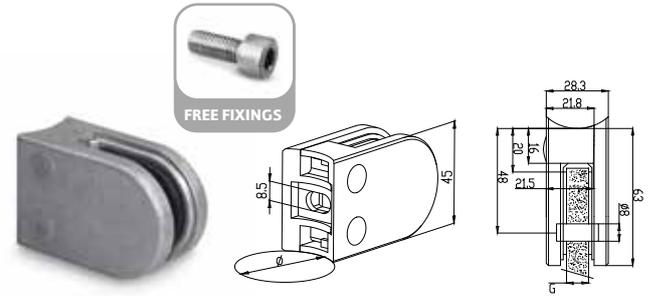
36.3206.480.S	48.3	6	FF-46
36.3208.480.S	48.3	8	FF-46
36.3210.480.S	48.3	10	FF-46
36.3212.480.S	48.3	12	FF-46
36.3209.480.S	48.3	8.76	FF-46
36.3244.480.S	48.3	9.52	FF-46
36.3211.480.S	48.3	10.76	FF-46
36.3254.480.S	48.3	11.52	FF-46
36.3213.480.S	48.3	12.76	FF-46

GLASS CLAMPS ZINTEC



► Model 32 Flat Glass Clamp

		ZINTEC	Indoor
CODE	G (MM)		BOLT
20.3206.000.R	6		FF-47
20.3208.000.R	8		FF-47
20.3210.000.R	10		FF-47
20.3206.000.S	6		FF-47
20.3208.000.S	8		FF-47
20.3210.000.S	10		FF-47



► Model 32 Radiused Glass Clamp

		ZINTEC	Indoor
CODE	Ø	G (MM)	BOLT
20.3206.420.R	42.4	6	FF-47
20.3208.420.R	42.4	8	FF-47
20.3210.420.R	42.4	10	FF-47
20.3206.480.R	48.3	6	FF-47
20.3208.480.R	48.3	8	FF-47
20.3210.480.R	48.3	10	FF-47
20.3206.420.S	42.4	6	FF-47
20.3208.420.S	42.4	8	FF-47
20.3210.420.S	42.4	10	FF-47
20.3206.480.S	48.3	6	FF-47
20.3208.480.S	48.3	8	FF-47
20.3210.480.S	48.3	10	FF-47

PLEASE NOTE: Pins **MUST** be used in all side fix installations

INFO

ZINTEC Finishes

R = Raw Finish

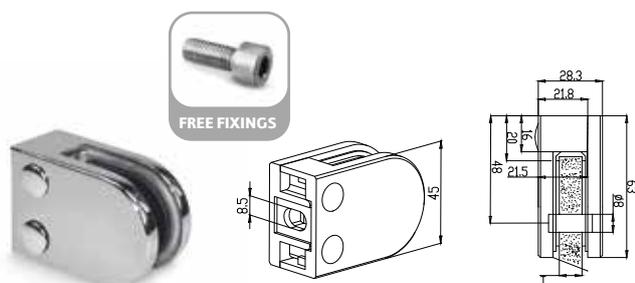
S = Satin Effect



INFO



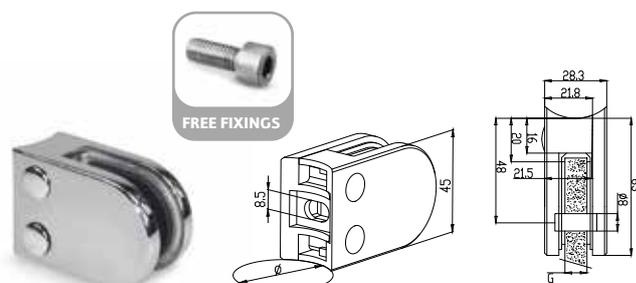
GLASS CLAMPS STAINLESS/MIRROR POLISHED



► Model 32 Flat - Mirror		304	Indoor
CODE	G (MM)	BOLT	
34.3206.000.M	6	FF-45	
34.3208.000.M	8	FF-45	
34.3210.000.M	10	FF-45	
34.3212.000.M	12	FF-45	
34.3209.000.M	8.76	FF-45	
34.3244.000.M	9.52	FF-45	
34.3211.000.M	10.76	FF-45	
34.3254.000.M	11.52	FF-45	
34.3213.000.M	12.76	FF-45	



► Model 31 Flat - Mirror		316's	Outdoor
CODE	G (MM)	BOLT	
36.3206.000.M	6	FF-46	
36.3208.000.M	8	FF-46	
36.3210.000.M	10	FF-46	
36.3212.000.M	12	FF-45	
36.3209.000.M	8.76	FF-46	
36.3244.000.M	9.52	FF-45	
36.3211.000.M	10.76	FF-45	
36.3254.000.M	11.52	FF-45	
36.3213.000.M	12.76	FF-46	



► Model 32 Radiused - Mirror		304	Indoor
CODE	Ø	G (MM)	BOLT
34.3206.420.M	42.4	6	FF-45
34.3208.420.M	42.4	8	FF-45
34.3210.420.M	42.4	10	FF-45
34.3212.420.M	42.4	12	FF-45
34.3209.420.M	42.4	8.76	FF-45
34.3244.420.M	42.4	9.52	FF-45
34.3211.420.M	42.4	10.76	FF-45
34.3254.420.M	42.4	11.52	FF-45
34.3213.420.M	42.4	12.76	FF-45

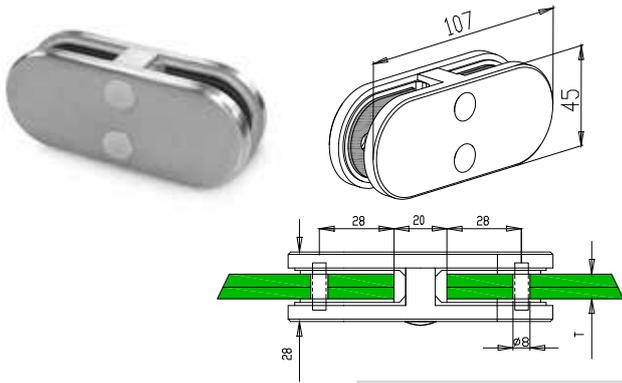
34.3206.480.M	48.3	6	FF-45
34.3208.480.M	48.3	8	FF-45
34.3210.480.M	48.3	10	FF-45
34.3212.480.M	48.3	12	FF-45
34.3209.480.M	48.3	8.76	FF-45
34.3244.480.M	48.3	9.52	FF-45
34.3211.480.M	48.3	10.76	FF-45
34.3254.480.M	48.3	11.52	FF-45
34.3213.480.M	48.3	12.76	FF-45



► Model 32 Radiused - Mirror		316's	Outdoor
CODE	Ø	G (MM)	BOLT
36.3206.420.M	42.4	6	FF-46
36.3208.420.M	42.4	8	FF-46
36.3210.420.M	42.4	10	FF-46
36.3212.420.M	42.4	12	FF-46
36.3209.420.M	42.4	8.76	FF-46
36.3244.420.M	42.4	9.52	FF-46
36.3211.420.M	42.4	10.76	FF-46
36.3254.420.M	42.4	11.52	FF-46
36.3213.420.M	42.4	12.76	FF-46

36.3206.480.M	48.3	6	FF-46
36.3208.480.M	48.3	8	FF-46
36.3210.480.M	48.3	10	FF-46
36.3212.480.M	48.3	12	FF-46
36.3209.480.M	48.3	8.76	FF-46
36.3244.480.M	48.3	9.52	FF-46
36.3211.480.M	48.3	10.76	FF-46
36.3254.480.M	48.3	11.52	FF-46
36.3213.480.M	48.3	12.76	FF-46

GLASS CLAMPS STAINLESS



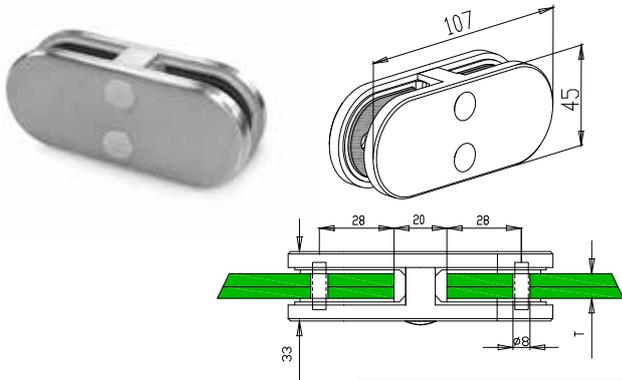
► **Model 32.100 In-Line** **304** **Indoor**

CODE	G (MM)
34.3206.100.S	6
34.3208.100.S	8
34.3210.100.S	10
34.3209.100.S	8.76
34.3244.100.S	9.52



► **Model 32.100 In-Line** **316's'** **Outdoor**

CODE	G (MM)
36.3206.100.S	6
36.3208.100.S	8
36.3210.100.S	10
36.3209.100.S	8.76
36.3244.100.S	9.52



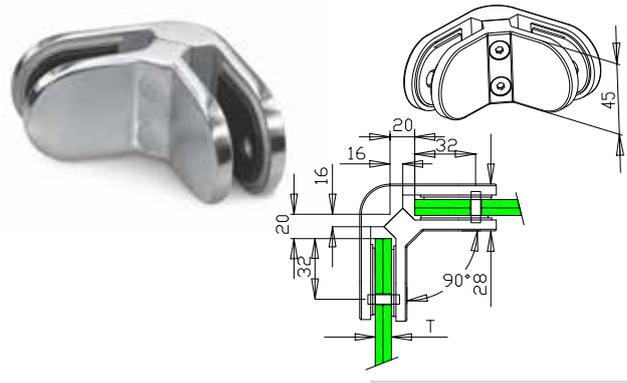
► **Model 33.100 Inline** **304** **Indoor**

CODE	G (MM)
34.3312.100.S	12
34.3315.100.S	15
34.3311.100.S	10.76
34.3354.100.S	11.52
34.3313.100.S	12.76
34.3364.100.S	13.52



► **Model 33.100 Inline** **316's'** **Outdoor**

CODE	G (MM)
36.3312.100.S	12
36.3315.100.S	15
36.3311.100.S	10.76
36.3354.100.S	11.52
36.3313.100.S	12.76
36.3364.100.S	13.52



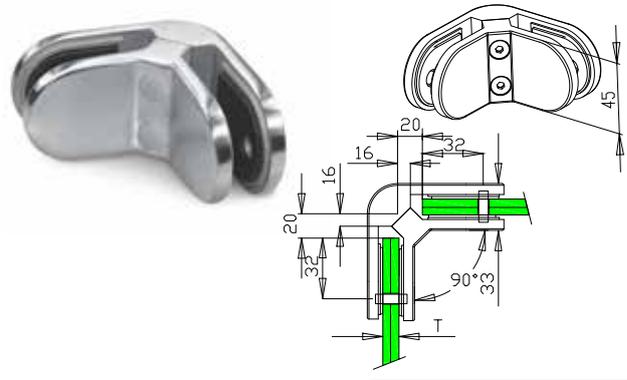
► **Model 32.200 90° Corner** **304** **Indoor**

CODE	G (MM)
34.3206.200.S	6
34.3208.200.S	8
34.3210.200.S	10
34.3209.200.S	8.76
34.3244.200.S	9.52



► **Model 32.200 90° Corner** **316's'** **Outdoor**

CODE	G (MM)
36.3206.200.S	6
36.3208.200.S	8
36.3210.200.S	10
36.3209.200.S	8.76
36.3244.200.S	9.52



► **Model 33.200 90° Corner** **304** **Indoor**

CODE	G (MM)
34.3312.200.S	12
34.3315.200.S	15
34.3311.200.S	10.76
34.3354.200.S	11.52
34.3313.200.S	12.76
34.3364.200.S	13.52



► **Model 33.200 90° Corner** **316's'** **Outdoor**

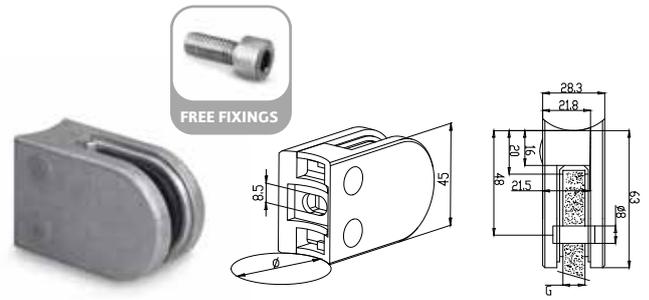
CODE	G (MM)
36.3312.200.S	12
36.3315.200.S	15
36.3311.200.S	10.76
36.3354.200.S	11.52
36.3313.200.S	12.76
36.3364.200.S	13.52

GLASS CLAMPS ZINTEC



► Model 33 Flat Glass Clamp

	ZINTEC	Indoor
CODE	G (MM)	BOLT
20.3312.000.R	12	FF-47
20.3312.000.S	12	FF-47



► Model 33 Radiused Glass Clamp

	ZINTEC	Indoor	
CODE	Ø	G (MM)	BOLT
20.3312.420.R	42.4	12	FF-47
20.3312.480.R	48.3	12	FF-47
20.3312.420.S	42.4	12	FF-47
20.3312.480.S	48.3	12	FF-47

PLEASE NOTE: Pins **MUST** be used in all side fix installations

INFO

ZINTEC Finishes

R = Raw Finish



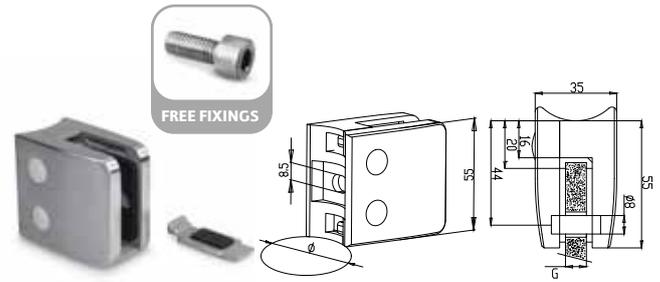
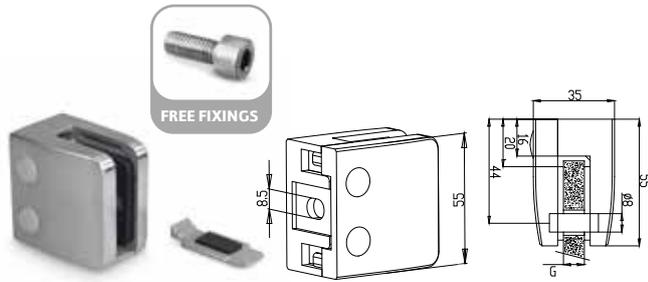
S = Satin Effect



INFO



GLASS CLAMPS STAINLESS/ZINTEC



► Model 34 Flat Glass Clamp		304	Indoor
CODE	G (MM)	BOLT	
34.3408.000.S	8	FF-45	
34.3410.000.S	10	FF-45	
34.3412.000.S	12	FF-45	
34.3411.000.S	10.76	FF-45	
34.3454.000.S	11.52	FF-45	
34.3413.000.S	12.76	FF-45	

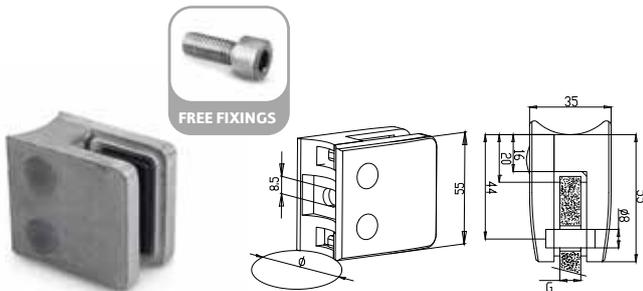


► Model 34 Flat Glass Clamp		316's	Outdoor
CODE	G (MM)	BOLT	
36.3408.000.S	8	FF-46	
36.3410.000.S	10	FF-46	
36.3412.000.S	12	FF-46	
36.3411.000.S	10.76	FF-46	
36.3454.000.S	11.52	FF-46	
36.3413.000.S	12.76	FF-46	

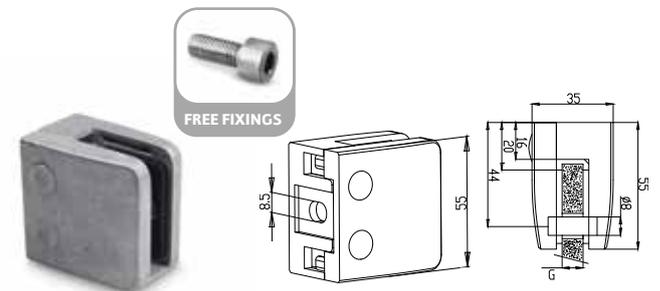
► Model 34 Radiused Glass Clamp		304	Indoor
CODE	Ø	G (MM)	BOLT
34.3408.420.S	42.4	8	FF-45
34.3410.420.S	42.4	10	FF-45
34.3412.420.S	42.4	12	FF-45
34.3411.420.S	42.4	10.76	FF-45
34.3454.420.S	42.4	11.52	FF-45
34.3413.420.S	42.4	12.76	FF-45
34.3408.480.S	48.3	8	FF-45
34.3410.480.S	48.3	10	FF-45
34.3412.480.S	48.3	12	FF-45
34.3411.480.S	48.3	10.76	FF-45
34.3454.480.S	48.3	11.52	FF-45
34.3413.480.S	48.3	12.76	FF-45



► Model 34 Radiused Glass Clamp		316's	Outdoor
CODE	Ø	G (MM)	BOLT
36.3408.420.S	42.4	8	FF-46
36.3410.420.S	42.4	10	FF-46
36.3412.420.S	42.4	12	FF-46
36.3411.420.S	42.4	10.76	FF-46
36.3454.420.S	42.4	11.52	FF-46
36.3413.420.S	42.4	12.76	FF-46
36.3408.480.S	48.3	8	FF-46
36.3410.480.S	48.3	10	FF-46
36.3412.480.S	48.3	12	FF-46
36.3411.480.S	48.3	10.76	FF-46
36.3454.480.S	48.3	11.52	FF-46
36.3413.480.S	48.3	12.76	FF-46

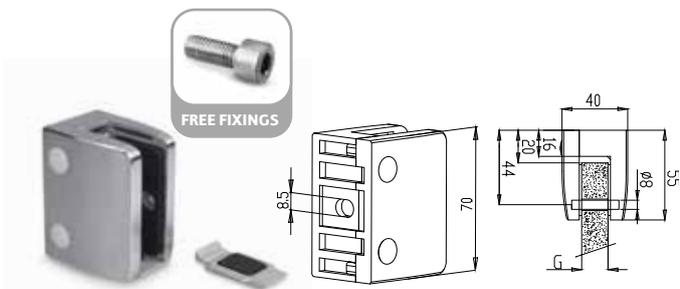


► Model 34 Radiused Glass Clamp		ZINTEC	Indoor
CODE	Ø	G (MM)	BOLT
20.3408.420.R	42.4	8	FF-47
20.3410.420.R	42.4	10	FF-47
20.3412.420.R	42.4	12	FF-47
20.3408.480.R	48.3	8	FF-47
20.3410.480.R	48.3	10	FF-47
20.3412.480.R	48.3	12	FF-47



► Model 34 Flat Glass Clamp		ZINTEC	Indoor
CODE	G (MM)	BOLT	
20.3408.000.R	8	FF-47	
20.3410.000.R	10	FF-47	
20.3412.000.R	12	FF-47	
20.3408.000.S	8	FF-47	
20.3410.000.S	10	FF-47	
20.3412.000.S	12	FF-47	

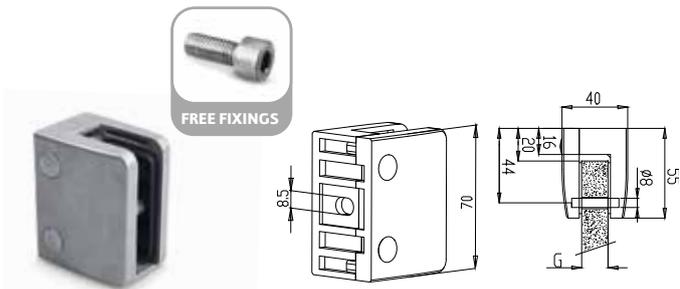
GLASS CLAMPS STAINLESS/ZINTEC



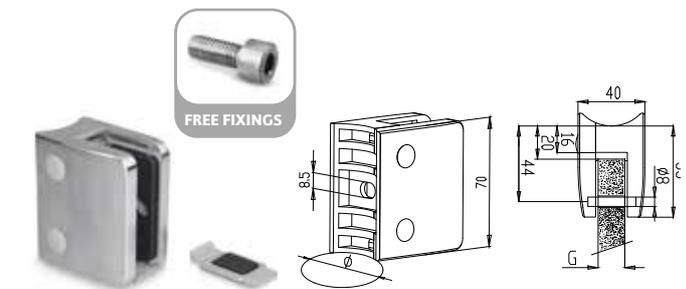
► Model 35 Flat Glass Clamp			304	Indoor
CODE	G (MM)	BOLT		
34.3510.000.S	10	FF-45		
34.3512.000.S	12	FF-45		
34.3515.000.S	15	FF-45		
34.3564.000.S	13.52	FF-45		
34.3517.000.S	17.52	FF-45		



► Model 35 Flat Glass Clamp			316's'	Outdoor
CODE	G (MM)	BOLT		
36.3510.000.S	10	FF-46		
36.3512.000.S	12	FF-46		
36.3515.000.S	15	FF-46		
36.3564.000.S	13.52	FF-46		
36.3517.000.S	17.52	FF-46		



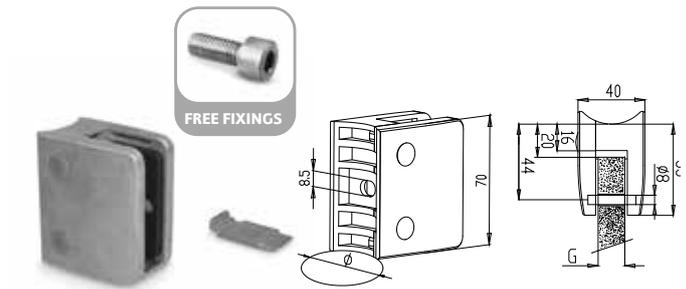
► Model 35 Flat Glass Clamp			ZINTEC	Indoor
CODE	G (MM)	BOLT		
20.3510.000.R	10	FF-47		
20.3512.000.R	12	FF-47		
20.3515.000.R	15	FF-47		
20.3510.000.S	10	FF-47		
20.3512.000.S	12	FF-47		
20.3515.000.S	15	FF-47		



► Model 35 Radiused Glass Clamp				304	Indoor
CODE	Ø	G (MM)	BOLT		
34.3510.480.S	48.3	10	FF-45		
34.3512.480.S	48.3	12	FF-45		
34.3515.480.S	48.3	15	FF-45		
34.3564.480.S	48.3	13.52	FF-45		
34.3517.480.S	48.3	17.52	FF-45		



► Model 35 Radiused Glass Clamp				316's'	Outdoor
CODE	Ø	G (MM)	BOLT		
36.3510.480.S	48.3	10	FF-46		
36.3512.480.S	48.3	12	FF-46		
36.3515.480.S	48.3	15	FF-46		
36.3564.480.S	48.3	13.52	FF-46		
36.3517.480.S	48.3	17.52	FF-46		

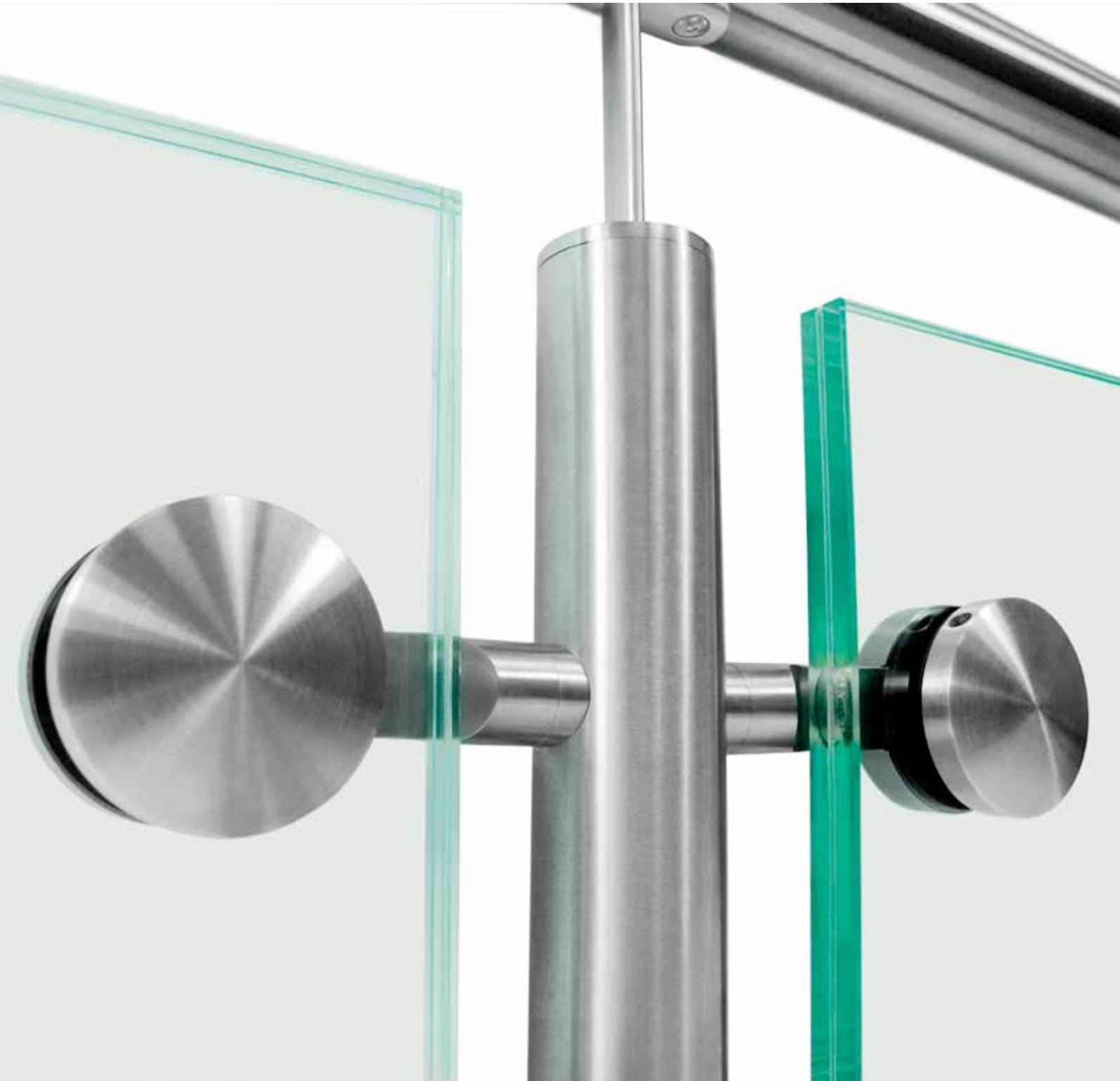


► Model 35 Radiused Glass Clamp				ZINTEC	Indoor
CODE	Ø	G (MM)	BOLT		
20.3510.480.R	48.3	10	FF-47		
20.3512.480.R	48.3	15	FF-47		
20.3515.480.R	48.3	15	FF-47		
20.3510.480.S	48.3	10	FF-47		
20.3512.480.S	48.3	12	FF-47		
20.3515.480.S	48.3	15	FF-47		

INFO

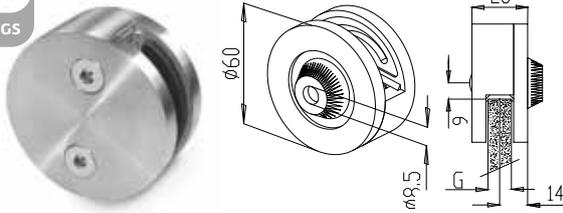


 creativity
innovation
technical mastery



New Model 39 glass clamps offer a different look and feel to your balustrade design creating a unique installation

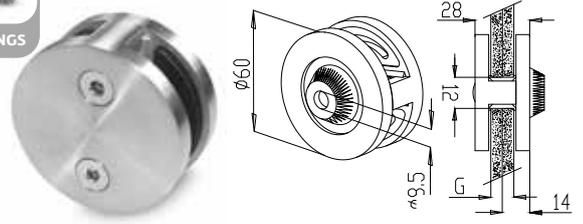
GLASS CLAMPS STAINLESS STEEL



► Model 38.100 Glass Clamp		
	304	Indoor
CODE	G (MM)	BOLT
34.3808.100.S	8	FF-45
34.3810.100.S	10	FF-45
34.3812.100.S	12	FF-45



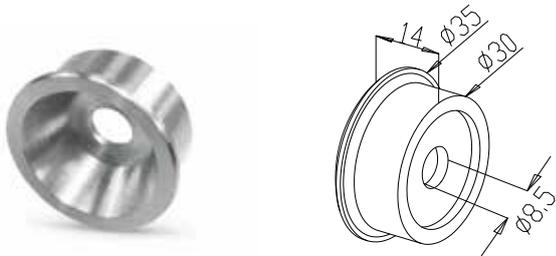
► Model 38.100 Glass Clamp		
	316's'	Outdoor
CODE	G (MM)	BOLT
36.3808.100.S	8	FF-46
36.3810.100.S	10	FF-46
36.3812.100.S	12	FF-46



► Model 38.200 Glass Clamp		
	304	Indoor
CODE	G (MM)	BOLT
34.3808.200.S	8	FF-45
34.3810.200.S	10	FF-45
34.3812.200.S	12	FF-45



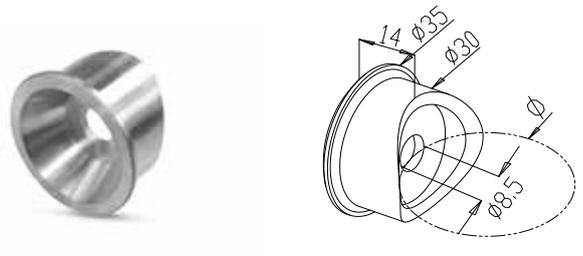
► Model 38.200 Glass Clamp		
	316's'	Outdoor
CODE	G (MM)	BOLT
36.3808.200.S	8	FF-46
36.3810.200.S	10	FF-46
36.3812.200.S	12	FF-46



► Model 38 Adaptor		
	304	Indoor
CODE		
34.3800.000.S		



► Model 38 Adaptor		
	316's'	Outdoor
CODE		
36.3800.000.S		



► Model 38 Adaptor		
	304	Indoor
CODE		\varnothing
34.3800.420.S		42.4
34.3800.480.S		48.3



► Model 38 Adaptor		
	316's'	Outdoor
CODE		\varnothing
36.3800.420.S		42.4
36.3800.480.S		48.3

NEW!



► Model 39 Glass Clamp			
	304		Indoor
CODE	G (MM)	\varnothing	BOLT
34.3900.420.S	9.52-17.52	42.4	FF-15
34.3900.480.S	9.52-17.52	48.3	FF-15



► Model 39 Glass Clamp			
	316's'		Outdoor
CODE	G (MM)	\varnothing	BOLT
36.3900.420.S	9.52-17.52	42.4	FF-16
36.3900.480.S	9.52-17.52	48.3	FF-16

F INFO





To Suit
Stainless Steel
Glass Clamps

► **Model 30 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
40.3006.000.R	SS	6
40.3008.000.R	SS	8

► **Model 31 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
40.3106.000.R	SS	6
40.3108.000.R	SS	8
40.3110.000.R	SS	10
40.3108.760.R	SS	8.76
40.3109.520.R	SS	9.52

► **Model 32 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
40.3206.000.R	SS	6
40.3208.000.R	SS	8
40.3210.000.R	SS	10
40.3212.000.R	SS	12
40.3208.760.R	SS	8.76
40.3209.520.R	SS	9.52
40.3210.760.R	SS	10.76
40.3211.520.R	SS	11.52
40.3212.760.R	SS	12.76

► **Model 34 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
40.3408.000.R	SS	8
40.3410.000.R	SS	10
40.3412.000.R	SS	12
40.3410.760.R	SS	10.76
40.3411.520.R	SS	11.52
40.3412.760.R	SS	12.76

► **Model 35 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
40.3510.000.R	SS	10
40.3512.000.R	SS	12
40.3515.000.R	SS	15
40.3513.520.R	SS	13.52
40.3517.520.R	SS	17.52

► **Model 38.100 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
40.3808.000.R	SS	8
40.3810.000.R	SS	10
40.3812.000.R	SS	12



To Suit
Double Headed
Glass Clamps

► **Model 32.100 & 32.200 Rubbers (1 No. Set of 4 Rubbers)**

CODE	CLAMP	G (MM)
42.3206.000.R	SS	6
42.3208.000.R	SS	8
42.3210.000.R	SS	10
42.3208.760.R	SS	8.76
42.3209.520.R	SS	9.52

► **Model 33.100 & 33.200 Rubbers (1 No. Set of 4 Rubbers)**

CODE	CLAMP	G (MM)
42.3312.000.R	SS	12
42.3315.000.R	SS	15
42.3310.760.R	SS	10.76
42.3311.520.R	SS	11.52
42.3312.760.R	SS	12.76
42.3313.520.R	SS	13.52

► **Model 38.200 Rubbers (1 No. Set of 4 Rubbers)**

CODE	CLAMP	G (MM)
42.3808.000.R	SS	8
42.3810.000.R	SS	10
40.3812.000.R	SS	12



To Suit
Zintec
Glass Clamps

► **Model 30 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
41.3006.000.R	Zintec	6
41.3008.000.R	Zintec	8

► **Model 31 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
41.3106.000.R	Zintec	6
41.3108.000.R	Zintec	8
41.3110.000.R	Zintec	10

► **Model 32 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
41.3206.000.R	Zintec	6
41.3208.00.R	Zintec	8
41.3210.000.R	Zintec	10

► **Model 33 Rubbers (1 No. Pair)**

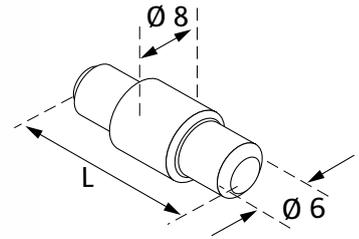
CODE	CLAMP	G (MM)
41.3312.000.R	Zintec	12

► **Model 34 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
41.3408.000.R	Zintec	8
41.3410.000.R	Zintec	10
41.3412.000.R	Zintec	12

► **Model 35 Rubbers (1 No. Pair)**

CODE	CLAMP	G (MM)
41.3515.000.R	Zintec	10
41.3512.000.R	Zintec	12
41.3515.000.R	Zintec	15



► **Model 30 Security Pins**

CODE
40.4010.030.R

► **Model 32 Security Pins**

CODE
40.4010.032.R

► **Model 33 Security Pins**

CODE
40.4010.033.R

► **Model 34 Security Pins**

CODE
40.4010.035.R



► **Cover Caps**

CODE
40.4020.010.P



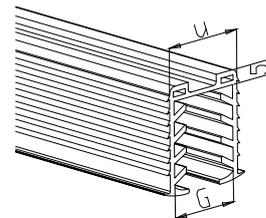
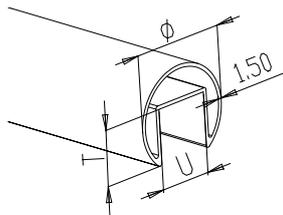
► **Cover Caps**

CODE
40.4020.010.M



JULIET BALCONY

JULIET BALCONY



► Model 7000/7100 Handrail 304 Indoor

CODE	L	Ø	T	U
34.7000.420.S	5000	42.4	24	24
34.7000.480.S	5000	48.3	30	27
34.7000.600.S	5000	60.3	34	34
34.7100.420.S	2500	42.4	24	24
34.7100.480.S	2500	48.3	30	27
34.7100.600.S	2500	60.3	34	34

► Model 7000/7100 Handrail 316 Outdoor

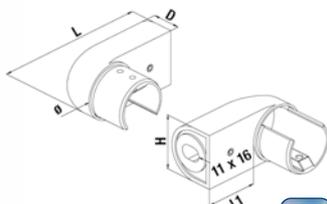
CODE	L	Ø	T	U
36.7000.420.S	5000	42.4	24	24
36.7000.480.S	5000	48.3	30	27
36.7100.420.S	2500	42.4	24	24
36.7100.480.S	2500	48.3	30	27

► Model 7042 42.4 mm Rubber Set

CODE	L	U	G (MM)
40.7042.010.R	5000	24	8-11
40.7042.012.R	5000	24	11.52-13.52
40.7042.015.R	5000	24	15-16.76
40.7042.019.R	5000	24	17.52-19
40.7042.020.R	5000	24	21.52
40.7142.010.R	2500	24	8-11
40.7142.012.R	2500	24	11.52-13.52
40.7142.015.R	2500	24	15-16.76
40.7142.019.R	2500	24	17.52-19
40.7142.020.R	2500	24	21.52

► Model 7048 48.3 mm Rubber Set

CODE	L	U	G (MM)
40.7048.012.R	5000	27	11.52-13.52
40.7048.015.R	5000	27	15-16.76
40.7048.019.R	5000	27	17.52-19
40.7048.020.R	5000	27	21.52
40.7148.012.R	2500	27	11.52-13.52
40.7148.015.R	2500	27	15-16.76
40.7148.019.R	2500	27	17.52-19
40.7148.020.R	2500	27	21.52



► Model 4000 Fixing Brackets 316's Outdoor

CODE	L	Ø	LI	H
36.4000.420.S	62	42.4	31	42.4
36.4000.480.S	64	48.3	39	48.3

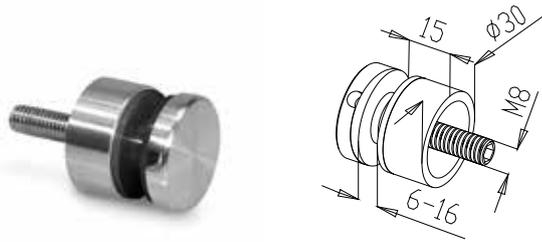
E INFO





GLASS CONNECTORS & PANEL HOLDERS

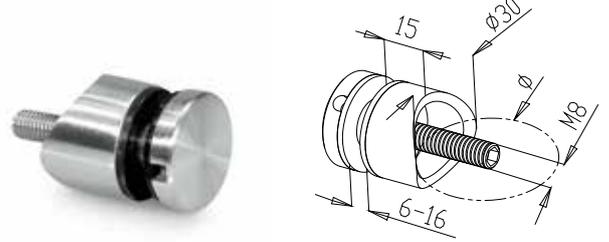
GLASS CONNECTORS



► Model 4010 Glass Connector	304	Indoor
CODE		
34.4010.000.S		



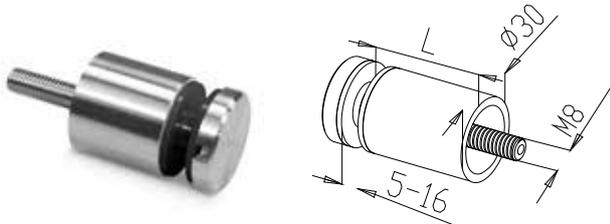
► Model 4010 Glass Connector	316's'	Outdoor
CODE		
36.4010.000.S		



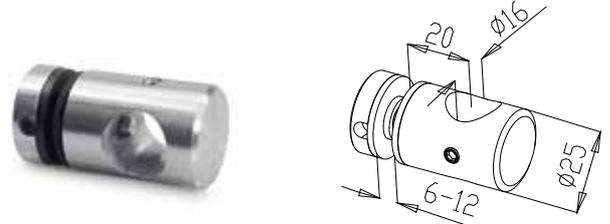
► Model 4010 Glass Connector	304	Indoor
CODE	Ø	
34.4010.420.S	42.4	
34.4010.480.S	48.3	



► Model 4010 Glass Connector	316's'	Outdoor
CODE	Ø	
36.4010.420.S	42.4	
36.4010.480.S	48.3	



► Model 4010 Glass Connector	304	Indoor
CODE	L	
34.4010.100.S	30	

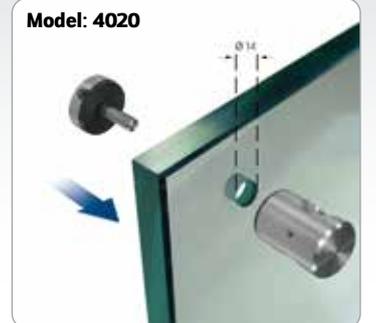
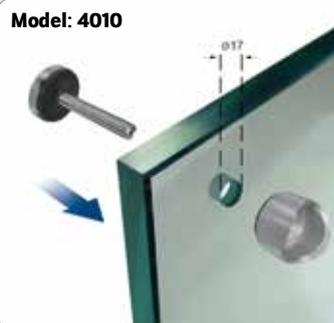


► Model 4020 Glass Connector	304	Indoor
CODE		
34.4020.016.S		

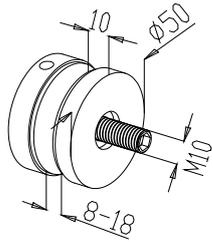


► Model 4020 Glass Connector	316's'	Outdoor
CODE		
36.4020.016.S		

E INFO



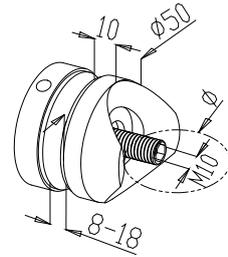
GLASS CONNECTORS



► Model 4030 Glass Connector	304	Indoor
CODE		
34.4030.000.S		



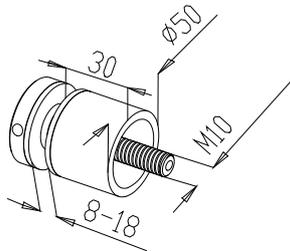
► Model 4030 Glass Connector	316's'	Outdoor
CODE		
36.4030.000.S		



► Model 4030 Glass Connector	304	Indoor
CODE		
34.4030.420.S		
34.4030.480.S		



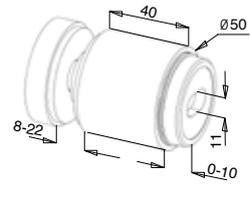
► Model 4030 Glass Connector	316's'	Outdoor
CODE		
36.4030.420.S		
36.4030.480.S		



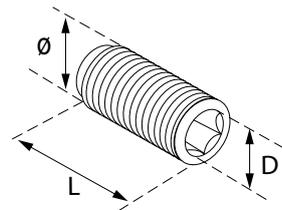
► Model 4030 Glass Connector	304	Indoor
CODE		
34.4030.100.S		



► Model 4030 Glass Connector	316's'	Outdoor
CODE		
36.4030.100.S		



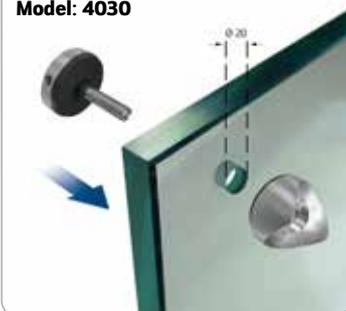
► Model 4100 Adj Glass Connector	316's'	Outdoor
CODE		
36.4100.040.S		



► Model 9180 Threaded Insert (10 No.)	Zinc Plated		
CODE	D	L	Ø
20.9180.080.Z	M8	23	16
20.9180.102.Z	M10	25	18.5
20.9180.104.Z	M10	40	18.5

INFO

Model: 4030



Model: 4100



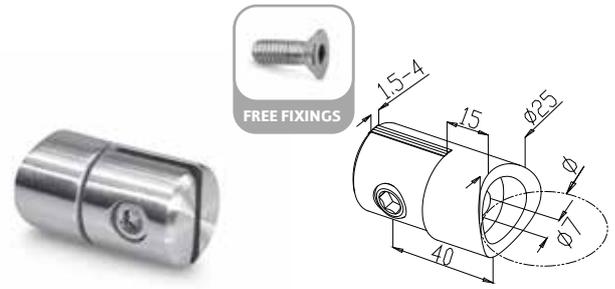
PANEL HOLDERS



Model 4500 Panel Holder	304	Indoor
CODE		BOLT
34.4500.000.S		FF-15



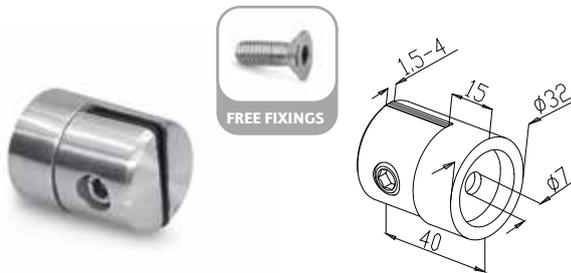
Model 4500 Panel Holder	316's'	Outdoor
CODE		BOLT
36.4500.000.S		FF-16



Model 4500 Panel Holder	304	Indoor
CODE	Ø	BOLT
34.4500.420.S	42.4	FF-15
34.4500.480.S	48.3	FF-15



Model 4500 Panel Holder	316's'	Outdoor
CODE	Ø	BOLT
36.4500.420.S	42.4	FF-16
36.4500.480.S	48.3	FF-16



Model 4510 Panel Holder	304	Indoor
CODE		BOLT
34.4510.000.S		FF-15



Model 4510 Panel Holder	316's'	Outdoor
CODE		BOLT
36.4510.000.S		FF-16



Model 4510 Panel Holder	304	Indoor
CODE	Ø	BOLT
34.4510.420.S	42.4	FF-15
34.4510.480.S	48.3	FF-15



Model 4510 Panel Holder	316's'	Outdoor
CODE	Ø	BOLT
36.4510.420.S	42.4	FF-16
36.4510.480.S	48.3	FF-16

ACCESSORIES



PAGE 221

Glass Cleaner
500 ml
10.9020.000.A

ACCESSORIES

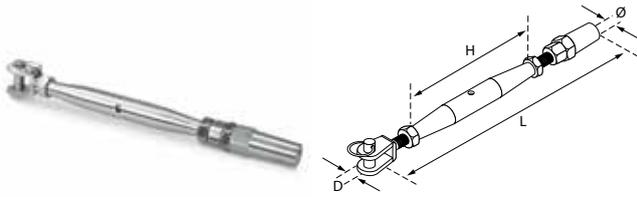


PAGE 221

Internal Cleaner
500 ml
10.9020.000.A

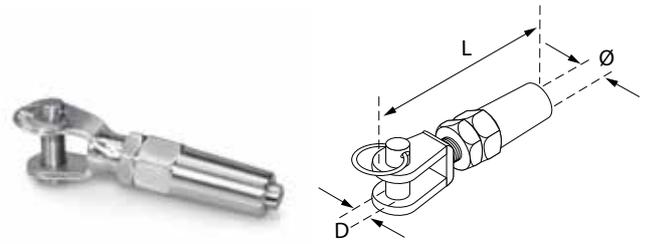


WIRE-TEC



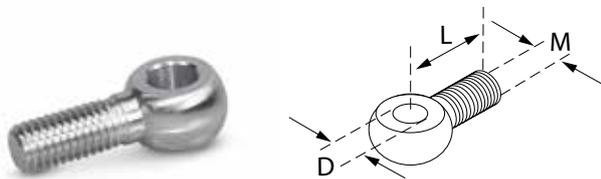
▶ Model 6010 Terminal with Jaw		304		Indoor	
CODE	CABLE	Ø	D	H	L
34.6000.003.S	3.2mm	3.2	5	90	155-230
34.6000.006.S	6.0mm	6.0	7	125	200-290

▶ Model 6010 Terminal with Jaw		316		Outdoor	
CODE	CABLE	Ø	D	H	U
36.6000.003.S	3.2mm	3.2	5	90	155-230
36.6000.006.S	6.0mm	6.0	7	125	200-290



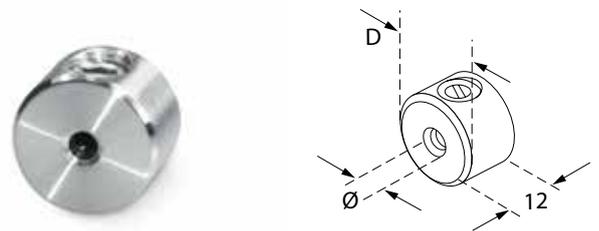
▶ Model 6010 Terminal with Jaw		304		Indoor	
CODE	CABLE	Ø	D	L	
34.6010.003.S	3.2mm	3.2	5	50	
34.6010.006.S	6.0mm	6.0	7	70	

▶ Model 6010 Terminal with Jaw		316		Outdoor	
CODE	CABLE	Ø	D	U	
36.6010.003.S	3.2mm	3.2	5	50	
36.6010.006.S	6.0mm	6.0	7	70	



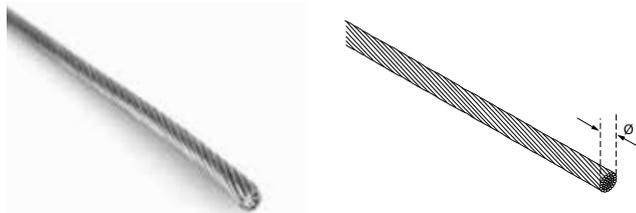
▶ Model 6020 Eye Bolt		304		Indoor	
CODE	M	D	L		
34.6020.003.S	M6	6.0	19		
34.6020.006.S	M10	8.0	30		

▶ Model 6020 Eye Bolt		316		Outdoor	
CODE	M	D	L		
36.6020.003.S	M6	6.0	19		
36.6020.006.S	M10	8.0	30		



▶ Model 6030 Cable Stopper		304		Indoor	
CODE	CABLE	Ø	D		
34.6030.003.S	3.2mm	3.5	18		
34.6030.006.S	6.0mm	6.5	20		

▶ Model 6030 Cable Stopper		316		Outdoor	
CODE	CABLE	Ø	D		
36.6030.003.S	3.2mm	3.5	18		
36.6030.006.S	6.0mm	6.5	20		

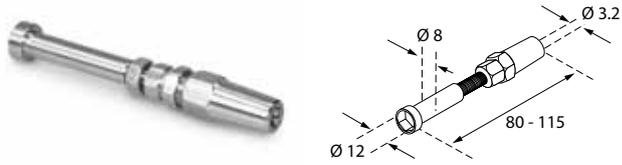


▶ Model 6203/6206 Cable (1x19)		304		Indoor	
CODE	Ø	L			
34.6203.010.S	3.2	10M			
34.6203.050.S	3.2	50M			
34.6203.100.S	3.2	100M			
34.6206.010.S	6.0	10M			
34.6206.050.S	6.0	50M			
34.6206.100.S	6.0	100M			

▶ Model 6203/6206 Cable (1x19)		316		Outdoor	
CODE	Ø	L			
36.6203.010.S	3.2	10M			
36.6203.050.S	3.2	50M			
36.6203.100.S	3.2	100M			
36.6203.010.S	6.0	10M			
36.6203.050.S	6.0	50M			
36.6203.100.S	6.0	100M			

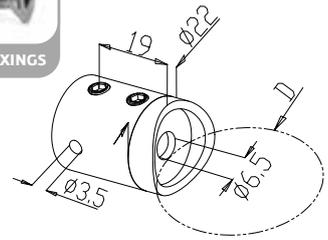


▶ Model 6350 Cable Cutters			
CODE	Ø		
10.6350.000.T	3.2		



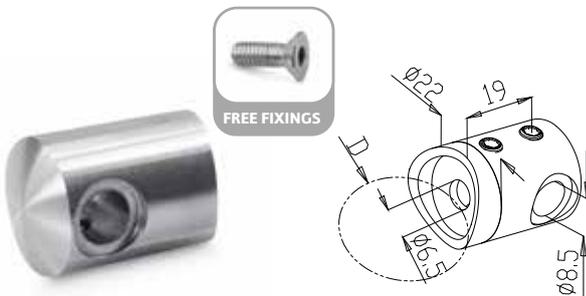
► Model 6100 Tensioner with Thread		304	Indoor
CODE	CABLE		
34.6100.003.S	3.2mm		

► Model 6100 Tensioner with Thread		316	Outdoor
CODE	CABLE		
36.6100.003.S	3.2mm		



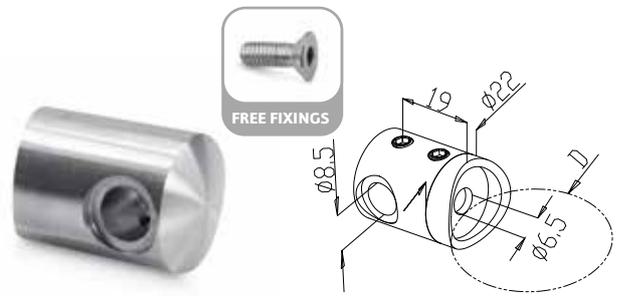
► Model 6130 Crossbar holder for Cable		304	Indoor
CODE	CABLE	D	BOLT
34.6130.420.S	3.2mm	42.4	FF-15
34.6130.480.S	3.2mm	48.3	FF-15

► Model 6130 Crossbar holder for Cable		316	Outdoor
CODE	CABLE	D	BOLT
36.6130.420.S	3.2mm	42.4	FF-16
36.6130.480.S	3.2mm	48.3	FF-16



► Model 6110 Crossbar holder for Tensioner-Left		304	Indoor
CODE	D	BOLT	
34.6110.420.S	42.4	FF-15	
34.6110.480.S	48.3	FF-15	

► Model 6110 Crossbar holder for Tensioner-Left		316	Outdoor
CODE	D	BOLT	
36.6110.420.S	42.4	FF-16	
36.6110.480.S	48.3	FF-16	



► Model 6110 Crossbar holder for Tensioner-Right		304	Indoor
CODE	D	BOLT	
34.6120.420.S	42.4	FF-15	
34.6120.480.S	48.3	FF-15	

► Model 6110 Crossbar holder for Tensioner-Right		316	Outdoor
CODE	D	BOLT	
36.6120.420.S	42.4	FF-16	
36.6120.480.S	48.3	FF-16	



► Model 6203 Cable 3.2mm (1x19)		304	Indoor
CODE	Ø	L	
34.6203.010.S	3.2	10M	
34.6203.050.S	3.2	50M	
34.6203.100.S	3.2	100M	

► Model 6203 Cable 3.2mm (1x19)		316	Outdoor
CODE	Ø	L	
36.6203.010.S	3.2	10M	
36.6203.050.S	3.2	50M	
36.6203.100.S	3.2	100M	

INFO



INFO



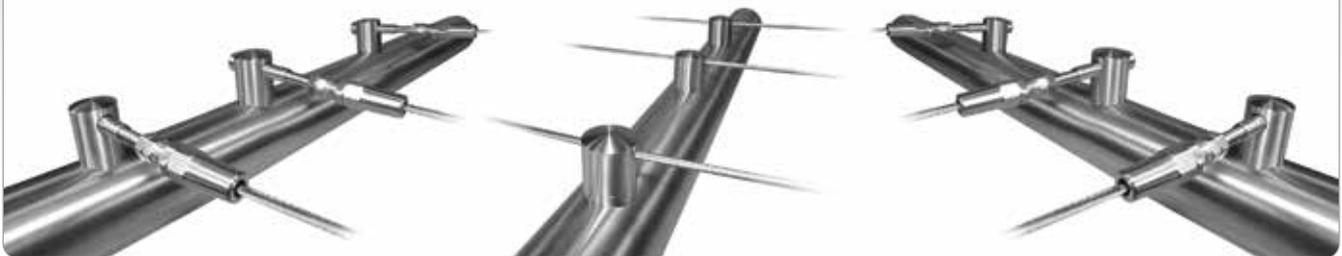
INFO



INFO

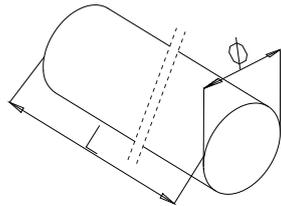


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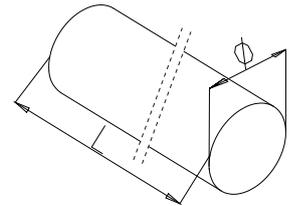


TIMBER-TEC



► **Model 8000 Beech Handrail**

CODE	Ø	L
22.8000.420.B	42	2400
22.8000.480.B	48	2400



► **Model 8000 Oak Handrail**

CODE	Ø	L
22.8000.420.O	42	2400
22.8000.480.O	48	2400



► **Model 8010 Elbow**

304 **Indoor**

CODE	Ø	L	BOLT
34.8010.420.S	42	60	FF-6
34.8010.480.S	48	65	FF-6



► **Model 8020 Adj Elbow**

304 **Indoor**

CODE	Ø	L	BOLT
34.8020.420.S	42	50	FF-6
34.8020.480.S	48	55	FF-6

INFO





► **Model 8030 Return End** **304** **Indoor**

CODE	Ø	L	H	BOLT
34.8030.420.S	42	70	91	FF-6
34.8030.480.S	48	75	89	FF-6



► **Model 8040 End Cap** **304** **Indoor**

CODE	Ø	L	BOLT
34.8040.420.S	42	30	FF-6
34.8040.480.S	48	35	FF-6



► **Model 8050 Connector** **304** **Indoor**

CODE	Ø	L	BOLT
34.8050.420.S	42	60	FF-6
34.8050.480.S	48	65	FF-6



► **Model 8060 Spigot** **304** **Indoor**

CODE	Ø	L	BOLT
34.8060.420.S	42	21	FF-6
34.8060.480.S	48	23	FF-6



► **Model 6400 Aligning Tool**

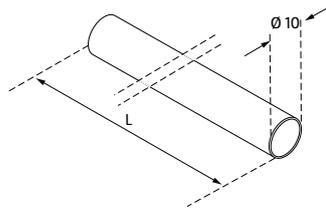
CODE	Ø
10.6400.420.T	42
10.6400.480.T	48



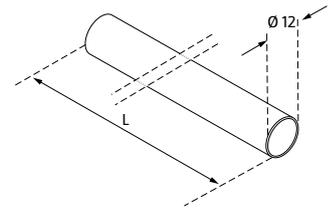


TUBES AND BARS

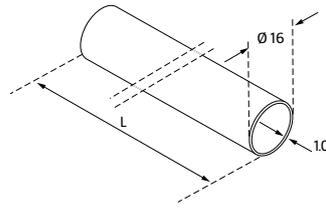
TUBES AND BARS



► Ø 10mm Bar		
	304	Indoor
CODE	L	
34.1900.010.S	5000mm	
34.1910.010.S	2500mm	



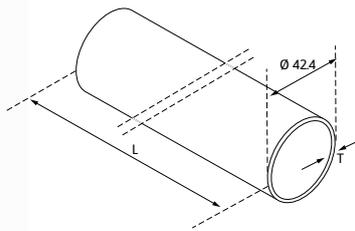
► Ø 12mm Bar		
	304	Indoor
CODE	L	
34.1900.012.S	5000mm	
34.1910.012.S	2500mm	



► Ø 16mm Tube		
	304	Indoor
CODE	L	T(MM)
34.1900.016.S	5000mm	1.0
34.1910.016.S	2500mm	1.0

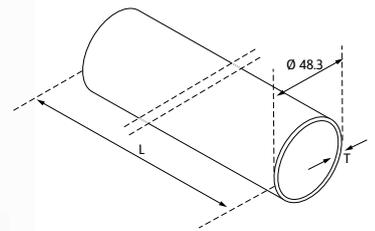
► Ø 16mm Tube		
	316	Outdoor
CODE	L	T(MM)
36.1900.016.S	5000mm	1.0
36.1910.016.S	2500mm	1.0

► Ø 12mm Bar		
	316	Outdoor
CODE	L	
36.1900.012.S	5000mm	
36.1910.012.S	2500mm	



► Ø 42.4mm Tube		
	304	Indoor
CODE	L	T(MM)
34.1900.422.S	6000mm	2.0
34.1900.426.S	6000mm	2.6
34.1910.422.S	3000mm	2.0
34.1910.426.S	3000mm	2.6

► Ø 42.4mm Tube		
	316	Outdoor
CODE	L	T(MM)
36.1900.422.S	6000mm	2.0
36.1900.426.S	6000mm	2.6
36.1910.422.S	3000mm	2.0
36.1910.426.S	3000mm	2.6



► Ø 48.3mm Tube		
	304	Indoor
CODE	L	T(MM)
34.1900.482.S	6000mm	2.0
34.1900.486.S	6000mm	2.6
34.1910.482.S	3000mm	2.0
34.1910.486.S	3000mm	2.6

► Ø 48.3mm Tube		
	316	Outdoor
CODE	L	T(MM)
36.1900.482.S	6000mm	2.0
36.1900.486.S	6000mm	2.6
36.1910.482.S	3000mm	2.0
36.1910.486.S	3000mm	2.6



ACCESSORIES



► **Model 9010 Glue**

CODE	
10.9010.000.A	50 ml



► **Model 9030 Stain Remover**

CODE	
10.9030.000.A	500 ml



► **Model 9020 Stainless Steel Cleaner**

CODE	
10.9020.000.A	500 ml



► **Model 9025 Glass Cleaner**

CODE	
10.9025.000.A	500 ml



► **Model 9027 Stainless Steel & Glass Cleaner Kit**

CODE	
10.9027.000.A	500 ml



► **Model 9200 'C' Spanner**

CODE	Ø
10.9200.025.T	25-28
10.9200.030.T	30-32
10.9200.045.T	45-50
10.9200.058.T	58-62



► **Model 9300 Allen Key Set**

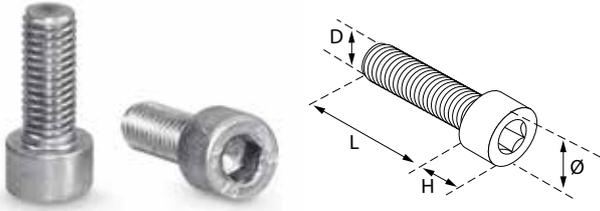
CODE	Ø
10.9300.000.T	1.5, 2.0, 3.0, 4.0, 5.0, 6.0, 8.0



► **Model 9400 Tube Cutter & Replacement Blades (2 Pack)**

CODE		Ø
10.9400.000.T	Tube cutter	6-6.5mm
10.9400.100.T	Replacement blades	

ACCESSORIES



► **Model 9100 Socket Headed Cap Screw (20 No.)** **304**

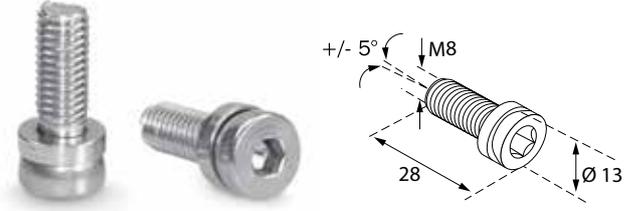
CODE	Ø	D	H	L	BOLT
34.9100.820.R	13	M8	8	20	FF-45
34.9100.835.R	13	M8	8	35	FF-29

► **Model 9100 Socket Headed Cap Screw (20 No.)** **316**

CODE	Ø	D	H	L	BOLT
36.9100.820.R	13	M8	8	20	FF-46
36.9100.835.R	13	M8	8	35	FF-30

► **Model 9100 Socket Headed Cap Screw (20 No.)** **Zinc Plated**

CODE	Ø	D	H	L	BOLT
20.9100.835.Z	13	M8	8	20	FF-47



► **Model 9101 Adj Socket Headed Cap Screw (20 No.)** **304**

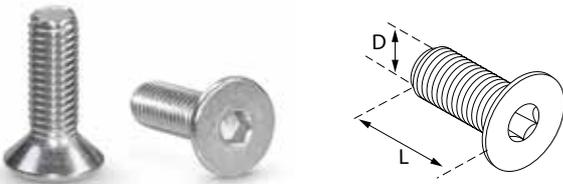
CODE	Ø	D	H	L
34.9101.820.R	13	M8	8	20

► **Model 9101 Adj Socket Headed Cap Screw (20 No.)** **316**

CODE	Ø	D	H	L
36.9101.820.R	13	M8	8	20

► **Model 9101 Adj Socket Headed Cap Screw (20 No.)** **Zinc Plated**

CODE	Ø	D	H	L
20.9101.820.Z	13	M8	8	20

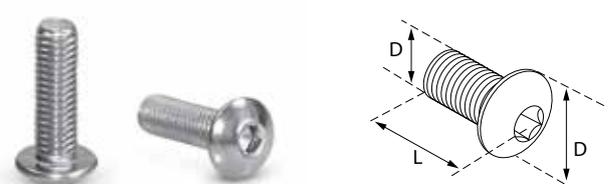


► **Model 9110 Counter Sunk Screw (20 No.)** **304**

CODE	D	Ø	BOLT
34.9110.516.R	M5	16	FF-12
34.9110.616.R	M6	16	FF-48
34.9110.620.R	M6	20	FF-15
34.9110.825.R	M8	25	FF-19
34.9110.840.R	M8	40	FF-21

► **Model 9110 Counter Sunk Screw (20 No.)** **316**

CODE	D	Ø	BOLT
36.9110.516.R	M5	16	FF-13
36.9110.616.R	M6	16	FF-49
36.9110.620.R	M6	20	FF-16
36.9110.825.R	M8	25	FF-20
36.9110.840.R	M8	40	FF-22

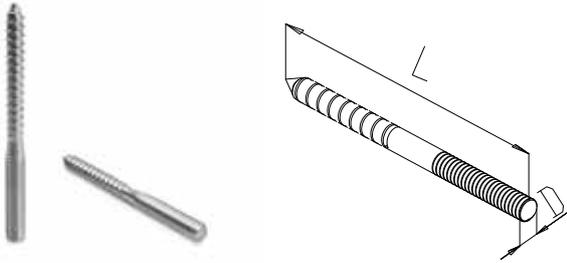


► **Model 9120 Button Head Screw (20 No.)** **304**

CODE	D	L	BOLT
34.9120.512.R	M5	12	FF-10

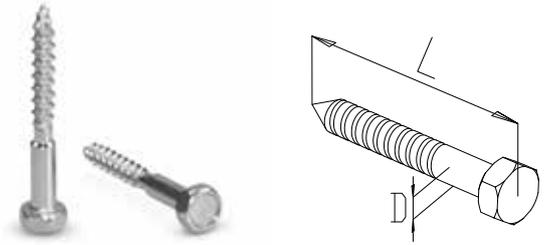
► **Model 9120 Button Head Screw (20 No.)** **316**

CODE	D	L	BOLT
36.9120.512.R	M5	12	FF-11



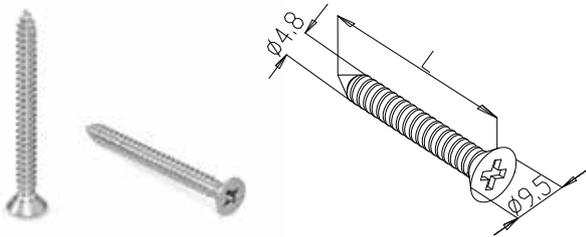
► Model 9160 Dual Thread Screw (20 No.)			304	Indoor
CODE	D	L		
34.9160.850.R	M8	50		

► Model 9160 Dual Thread Screw (20 No.)			316	Outdoor
CODE	D	L		
36.9160.850.R	M8	50		



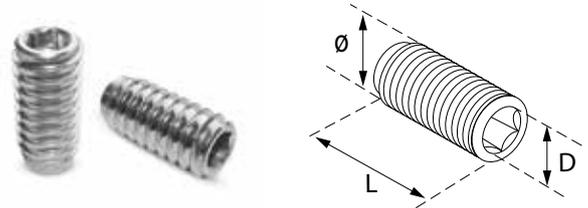
► Model 9165 Coach Screw (20 No.)			304	Indoor
CODE	D	L		
34.9165.855.R	M8	55		

► Model 9165 Coach Screw (20 No.)			316	Outdoor
CODE	D	L		
36.9165.855.R	M8	55		



► Model 9170 Screw (20 No.)			304	Indoor
CODE	L	BOLT		
34.9170.840.R	40	FF-6		

► Model 9170 Screw (20 No.)			316	Outdoor
CODE	L	BOLT		
36.9170.840.R	40	FF-6		



► Model 9180 Threaded Insert (10 No.)			Zinc Plated	Indoor
CODE	D	L	Ø	
20.9180.080.Z	M8	23	16	
20.9180.102.Z	M10	25	18.5	
20.9180.104.Z	M10	40	18.5	



The complete solution
FREE FIXINGS

We listened to your needs and have responded by providing all the fixings you need to assemble your Fastec Handrail System.

All the bolts and screws for each fitting will be supplied with your order to allow you to concentrate on assembling and building your system together saving you both time and money.

Please refer to the individual fittings for information and details on the bolts and screws supplied.

Whilst we supply the bolts and screws for fastening the system together we do not supply the fasteners to secure the fittings to floors and walls, if you are unsure which fittings are supplied please refer to the information stated on each fitting.



Look out for the **FREE FIXINGS** offer. Please call for further details.

SUPERIOR CORROSION RESISTANCE G316'S'



227

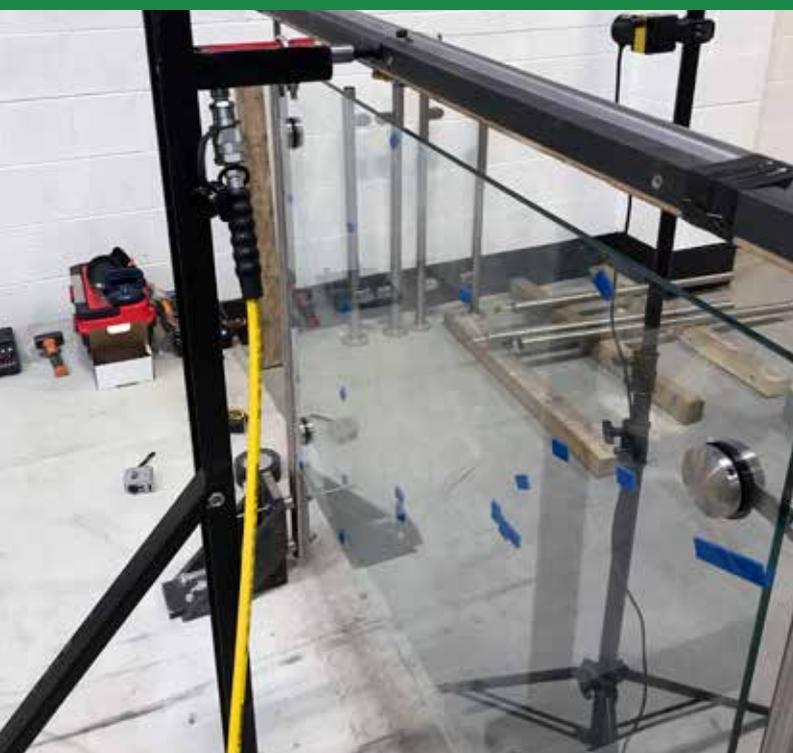


G316

G316's'

SAFETY TESTING

229-233



INSTALLATION INSTRUCTIONS

235-245



CARE AND MAINTENANCE

247



CUSTOMER INFORMATION

248



ENQUIRY SHEETS

250-253





achieving a **superior** corrosion resistance with **G316's'**

Although stainless steel has an inherent corrosion resistance it cannot be called 'stain free'. In certain conditions it will stain and discolour.

To offer our customers a superior product and greater value for money, all G316 Fastec handrail fittings are manufactured using grade 2205 which has increased levels of 'Chromium', 'Molybdenum' & 'Nickel', above the maximum percentage stated for G316 offering greater corrosion resistance.

We call this superior grade G316's' ('s' means superior). This higher grade offers substantially more corrosion resistance than standard G316, providing greater peace of mind, lower maintenance and less cleaning.



Look for the G316's' logo against our products to see which items are manufactured from 2205.

proven superiority

Sheffield Testing Laboratories Ltd have carried out stringent tests to compare the performance of G316 and G316's' under rigorous salt spray testing. The G316's' fitting outperformed the standard grade G316 fitting, showing no sign of staining over the same test period.

In addition to its unrivalled aesthetic appeal, Fastec G316's' products offer unmatched durability, long life and low maintenance, providing a robust, extra corrosion-resistant solution for a wide range of applications. Your installation will maintain its 'as new' appearance with minimal attention.

Our G316's' fittings offer superior corrosion resistance.





SAFETY TESTING

safety first

Has your balustrade been tested to **BS 6180** 'Barriers in and about buildings'?

Fastec has established the needs of our customers and has recognised that most handrail systems on the market today have not been tested to ensure they meet British Standard side loading criteria.

the **fastec** response

For your absolute peace of mind, and to create confidence in your installation for you and your customer we have commissioned extensive testing by independent engineers to establish exactly which design, tube size and thickness, upright centres and fittings will be safest for your installation.

The test results show actual 'as installed' results. Please see the following tables for guidance

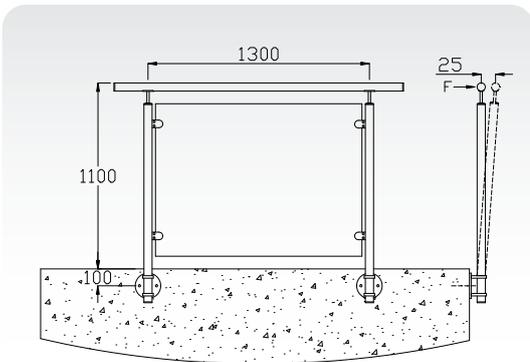


Full test report and
Test Certificates available
to download from
www.fastechandrails.co.uk



test results

System 1 - Side Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	✓
3.0	C5 (x), (xi)	X

SYSTEM 1 - SIDE FIX BRACKET - MODEL 1010

42.4 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6	34.1900.426.S
S/S Hand Rail Diameter (mm)	42.4x2.0	34.1900.422.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Side Bracket	34.1010.420.S
No. of Fixing Bolts Per Post	2	M12
Handrail Connection	Stem	34.0110.426.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.420.S

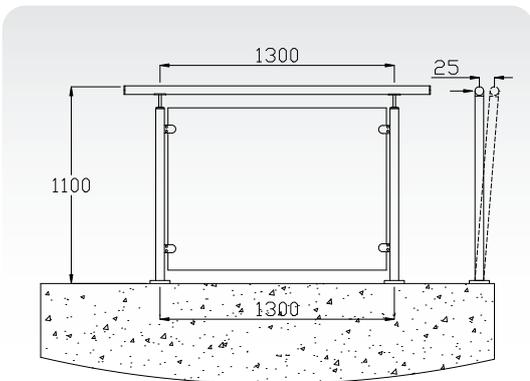
DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 1.9KN/m

SYSTEM 1 - SIDE FIX BRACKET - MODEL 1010

48.3 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.S
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Side Bracket	34.1010.480.S
No. of Fixing Bolts Per Post	2	M12
Handrail Connection	Stem	34.0110.486.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.S

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.0KN/m

System 2 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	✓
3.0	C5 (x), (xi)	X

SYSTEM 2 - BASE PLATE - MODEL 1100

42.4 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6	34.1900.426.S
S/S Hand Rail Diameter (mm)	42.4x2.0	34.1900.422.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Flange Base	34.1100.420.R
No. of Fixing Bolts Per Post	3	M10
Handrail Connection	Stem	34.0110.426.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.420.S

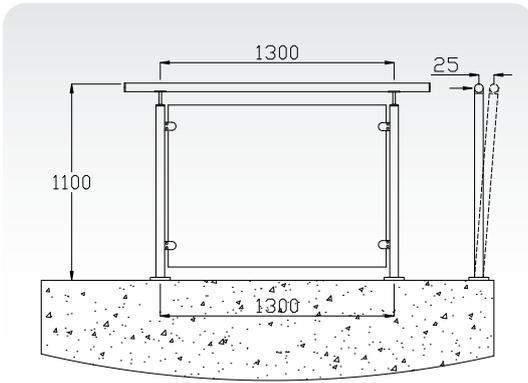
DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.25KN/m

SYSTEM 2 - BASE PLATE - MODEL 1100

48.3 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.S
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Flange Base	34.1100.480.R
No. of Fixing Bolts Per Post	3	M10
Handrail Connection	Stem	34.0110.486.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.S

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.4KN/m

System 3 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	✓
3.0	C5 (x), (X)	X

SYSTEM 3 – BASE PLATE - MODEL 1110

42.4 x 2.6mm Diameter Posts	Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6 13.1900.426.5
S/S Hand Rail Diameter (mm)	42.4x2.0 13.1900.422.5
Handrail Height (mm)	1100
Baluster Post Spacing (mm)	1300
Mounting Type	Flange Base 34.1110.420.R
No. of Fixing Bolts Per Post	2 M10
Handrail Connection	Stem 34.0110.426.5
Infill Type	Glass Panel 10mm
Glass Clamps	4 Per Panel 34.3210.420.5

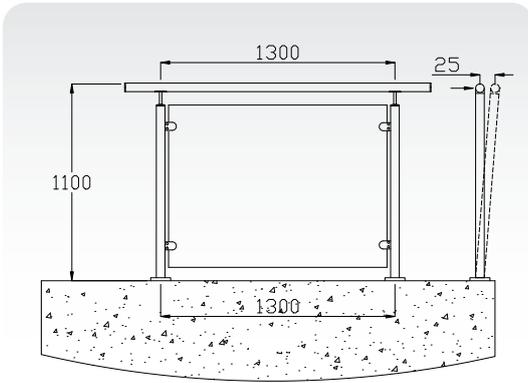
DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 1.9KN/m

SYSTEM 3 – BASE PLATE - MODEL 1110

48.3 x 2.6mm Diameter Posts	Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6 13.1900.486.5
S/S Hand Rail Diameter (mm)	48.3x2.0 13.1900.482.5
Handrail Height (mm)	1100
Baluster Post Spacing (mm)	1300
Mounting Type	Flange Base 34.1110.480.R
No. of Fixing Bolts Per Post	2 M10
Handrail Connection	Stem 34.0110.486.5
Infill Type	Glass Panel 10mm
Glass Clamps	4 Per Panel 34.3210.480.5

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.2KN/m

System 4 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	✓
3.0	C5 (x), (X)	X

SYSTEM 4 – BASE PLATE - MODEL 1120

42.4 x 2.6mm Diameter Posts	Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6 34.1900.426.5
S/S Hand Rail Diameter (mm)	42.4x2.0 34.1900.422.5
Handrail Height (mm)	1100
Baluster Post Spacing (mm)	1300
Mounting Type	Flange Base 34.1120.420.R
No. of Fixing Bolts Per Post	2 M10
Handrail Connection	Stem 34.0110.426.5
Infill Type	Glass Panel 10mm
Glass Clamps	4 Per Panel 34.3210.420.5

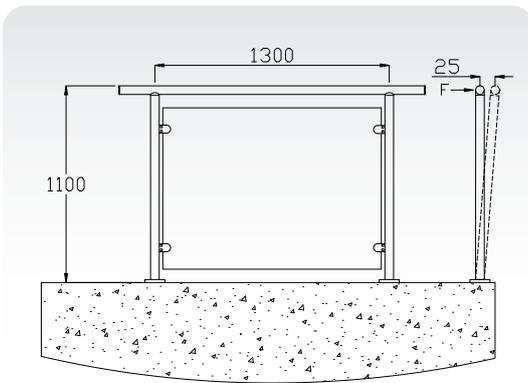
DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.05KN/m

SYSTEM 4 – BASE PLATE - MODEL 1120

48.3 x 2.6mm Diameter Posts	Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6 34.1900.486.5
S/S Hand Rail Diameter (mm)	48.3x2.0 34.1900.482.5
Handrail Height (mm)	1100
Baluster Post Spacing (mm)	1300
Mounting Type	Flange Base 34.1120.480.R
No. of Fixing Bolts Per Post	2 M10
Handrail Connection	Stem 34.0110.486.5
Infill Type	Glass Panel 10mm
Glass Clamps	4 Per Panel 34.3210.480.5

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.3KN/m

System 5 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	✓
3.0	C5 (x), (X)	X

SYSTEM 5 – BASE PLATE + ADAPTOR

42.4 x 2.6mm Diameter Posts	Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6 34.1900.426.5
S/S Hand Rail Diameter (mm)	42.4x2.0 34.1900.422.5
Handrail Height (mm)	1100
Baluster Post Spacing (mm)	1300
Mounting Type	Flange Base 34.1100.420.R
No. of Fixing Bolts Per Post	3 M10
Handrail Connection	Connector 34.0731.426.5
Infill Type	Glass Panel 10mm
Glass Clamps	4 Per Panel 34.3210.420.5

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.0KN/m

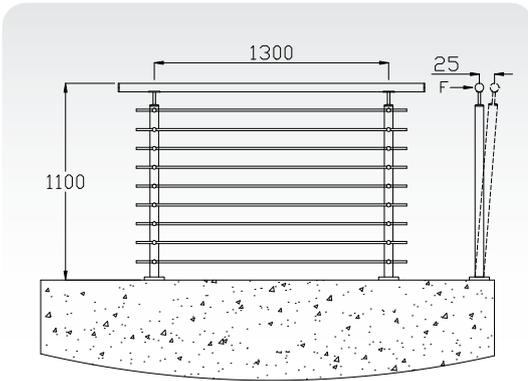
SYSTEM 5 – BASE PLATE + ADAPTOR

48.3 x 2.6mm Diameter Posts	Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6 34.1900.486.5
S/S Hand Rail Diameter (mm)	48.3x2.0 34.1900.482.5
Handrail Height (mm)	1100
Baluster Post Spacing (mm)	1300
Mounting Type	Flange Base 34.1100.480.R
No. of Fixing Bolts Per Post	3 M10
Handrail Connection	Glued Connector 34.0731.486.5
Infill Type	Glass Panel 10mm
Glass Clamps	4 Per Panel 34.3210.480.5

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.25KN/m



System 6 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	✓
3.0	C5 (x), (xi)	X

SYSTEM 6 – INFILL BARS

42.4 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6	34.1900.426.5
S/S Hand Rail Diameter (mm)	42.4x2.0	34.1900.422.5
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Flange Base	34.1100.420.R
No. of Fixing Bolts Per Post	3	M10
Handrail Connection	Stem	34.0110.426.5
Infill Type	12mm Bars	34.1900.012.5
Cross Bar Holders	9 Per Post	34.3312.420.5

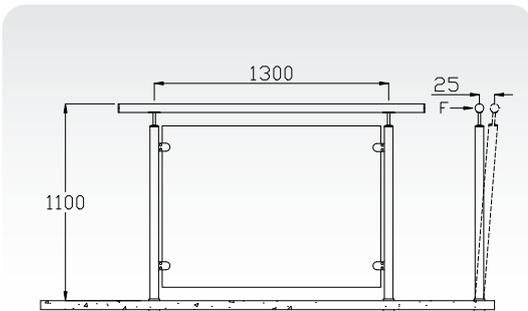
DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.25KN/m

SYSTEM 6 – INFILL BARS

48.3 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.5
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.5
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Flange Base	34.1100.480.R
No. of Fixing Bolts Per Post	3	M10
Handrail Connection	Stem	34.0110.486.5
Infill Type	12mm Bars	34.1900.012.5
Cross Bar Holders	9 Per Post	34.3312.480.5

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 2.2KN/m

System 7 - Clamp Fix Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	X/✓
3.0	C5 (x), (xi)	X

SYSTEM 7 – CLAMP FIX BASE

42.4 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6	34.1900.426.5
S/S Hand Rail Diameter (mm)	42.4x2.0	34.1900.422.5
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Clamp Fix	34.1310.420.S
No. of Fixing Bolts Per Post	1	M12
Handrail Connection	Stem	34.0110.426.5
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.420.5

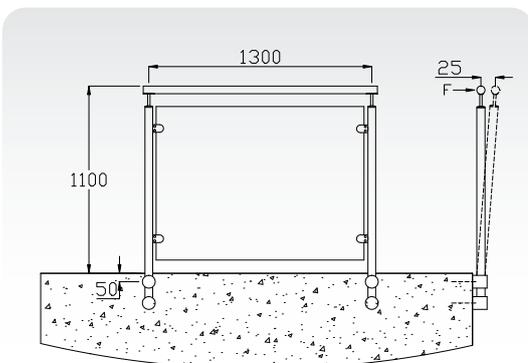
DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 1.4KN/m

SYSTEM 7 – CLAMP FIX BASE

48.3 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.5
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.5
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Clamp Fix	34.1310.480.S
No. of Fixing Bolts Per Post	1	M12
Handrail Connection	Stem	34.0110.486.5
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.5

DEFLECTION BEYOND ALLOWABLE LIMIT OCCURRED AT A LOAD OF 1.55KN/m

System 8 - Side Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	X
3.0	C5 (x), (xi)	X

SYSTEM 8 – SIDE FIX BRACKET - MODEL 1050

42.4 x 2.0mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6	34.1900.426.5
S/S Hand Rail Diameter (mm)	42.4x2.0	34.1900.422.5
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Side Bracket	34.1050.420.S
No. of Fixing Bolts Per Post	2	M10
Handrail Connection	Stem	34.0110.426.5
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.420.5

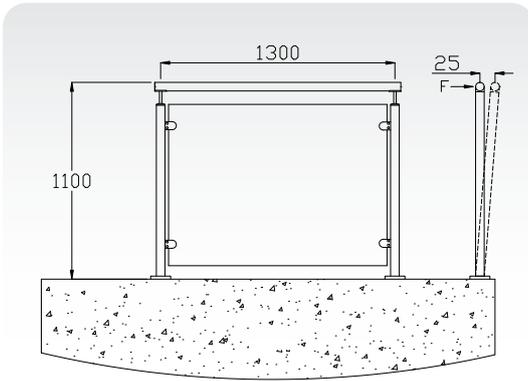
DEFLECTION AT 0.74KN/m LOAD REACHED 19.55mm

SYSTEM 8 – SIDE FIX BRACKET - MODEL 1050

42.4 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.5
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.5
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Side Bracket	34.1050.480.S
No. of Fixing Bolts Per Post	2	M10
Handrail Connection	Stem	34.0110.486.5
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.5

DEFLECTION AT 0.74KN/m LOAD REACHED 21.94mm

System 9 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	X
3.0	C5 (x), (xi)	X

SYSTEM 9 – GLUED BASE PLATE

48.3 x 2.0mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.0	34.1900.482.S
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Flange Base	34.1105.482.R
No. of Fixing Bolts Per Post	3	M10
Handrail Connection	Stem	34.0110.482.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.S

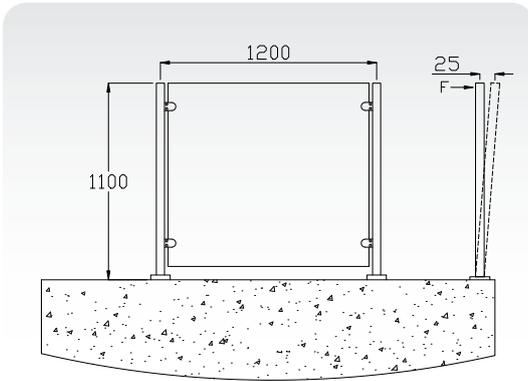
DEFLECTION AT 0.74KN/m LOAD REACHED 19.26mm

SYSTEM 9 – GLUED BASE PLATE

48.3 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.S
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Flange Base	34.1105.486.R
No. of Fixing Bolts Per Post	3	M10
Handrail Connection	Stem	34.0110.486.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.S

DEFLECTION AT 0.74KN/m LOAD REACHED 17.94mm

System 11 - Surface Mounted Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	X
3.0	C5 (x), (xi)	X

SYSTEM 11 – POST ONLY SYSTEM

42.4 x 2.0mm Diameter Posts		Fastec Code
S/S Post Tube Diameter (mm)	42.4x2.0	13.1900.422.S
Post Height (mm)	1100	
Baluster Post Spacing (mm)	1200	
Mounting Type	Flange Base	34.1100.420.R
No. of Fixing Bolts Per Post	3	M10
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.420.S

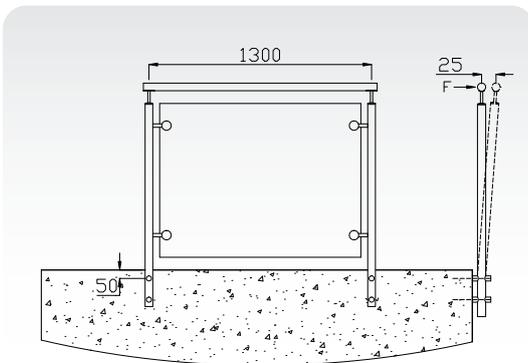
DEFLECTION AT 0.74KN/m LOAD REACHED 22.91mm

SYSTEM 11 – POST ONLY SYSTEM

48.3 x 2.0mm Diameter Posts		Fastec Code
S/S Post Tube Diameter (mm)	48.3x2.0	13.1900.482.S
Post Height (mm)	1100	
Baluster Post Spacing (mm)	1200	
Mounting Type	Flange Base	34.1100.480.R
No. of Fixing Bolts Per Post	3	M10
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3210.480.S

DEFLECTION AT 0.74KN/m LOAD REACHED 17.12mm

System 12 - Clamp Fix Balustrade Testing in accordance with BS 6180



BS 6180: Table 2

LOAD (KN/m)	CATEGORY	PASSED
0.22	B&E (iii)	✓
0.36	A (i), B&E (iv)	✓
0.74	A (ii), B&E (v), C3 (viii), (ix)	✓
1.5	C (vi), C1/C2 (vii), C5 (x), D (xiii), F/G (xiv), F/G (xv)	X
3.0	C5 (x), (xi)	X

SYSTEM 12 – SIDE FIX BRACKET – MODEL 1060

42.4 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	42.4x2.6	34.1900.426.S
S/S Hand Rail Diameter (mm)	42.4x2.0	34.1900.422.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Side Bracket	34.1060.420.S
No. of Fixing Bolts Per Post	2	M10
Handrail Connection	Blade Stem	34.0150.426.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3900.420.S

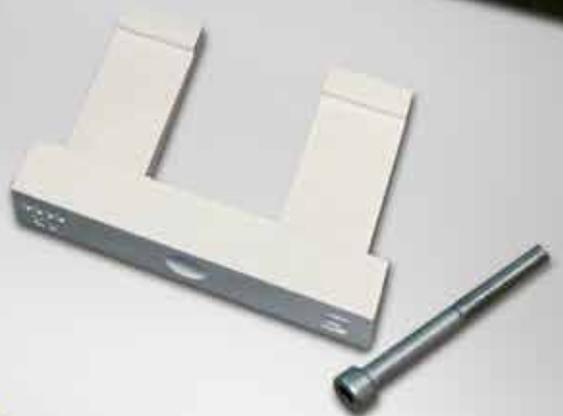
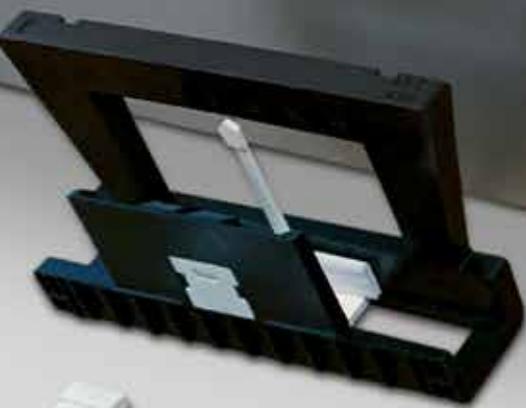
DEFLECTION AT 0.74KN/m LOAD REACHED 24.91mm

SYSTEM 12 – SIDE FIX BRACKET – MODEL 1060

48.3 x 2.6mm Diameter Posts		Fastec Code
S/S Baluster Tube Diameter (mm)	48.3x2.6	34.1900.486.S
S/S Hand Rail Diameter (mm)	48.3x2.0	34.1900.482.S
Handrail Height (mm)	1100	
Baluster Post Spacing (mm)	1300	
Mounting Type	Side Bracket	34.1060.480.R
No. of Fixing Bolts Per Post	2	M10
Handrail Connection	Blade Stem	34.0150.486.S
Infill Type	Glass Panel	10mm
Glass Clamps	4 Per Panel	34.3900.480.S

DEFLECTION AT 0.74KN/m LOAD REACHED 20.45mm





DESIGNED FOR INSTALLERS

The Fast-Track and Kwik-Lock systems have been designed with the installer in mind offering a unique system that blends mechanical and pressure fitting into one balustrade system. This unique combination will save time and money by simplifying the installation, decreasing installation time and increasing hole centres reducing the number of holes and bolts required.

Installation Instructions

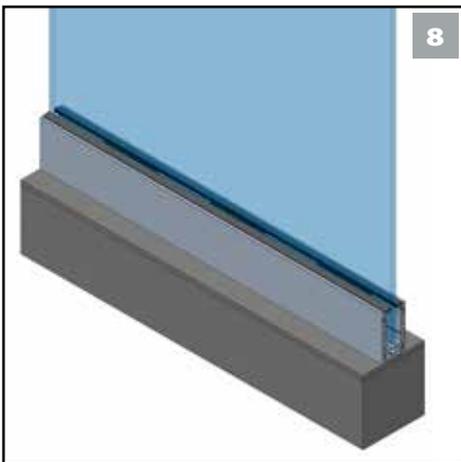
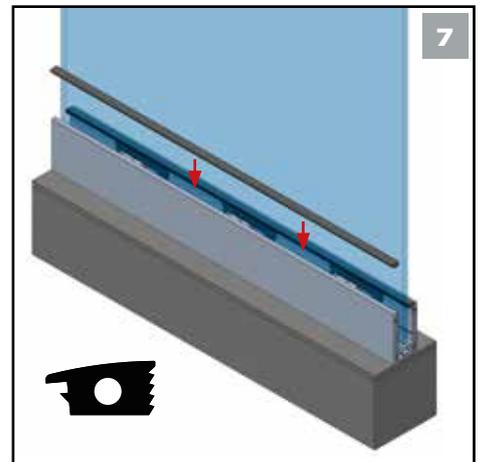
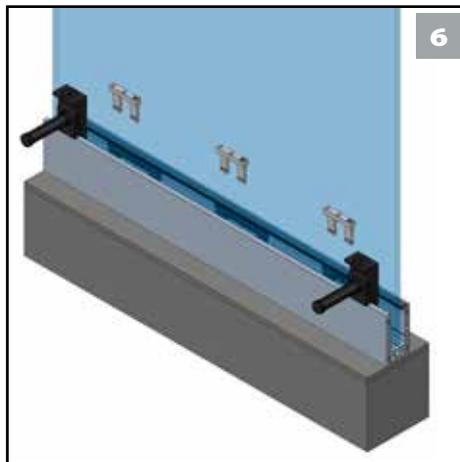
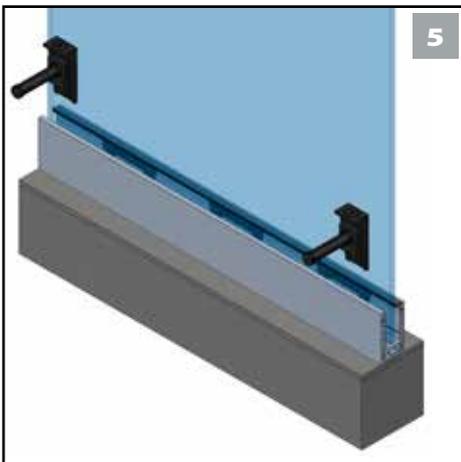
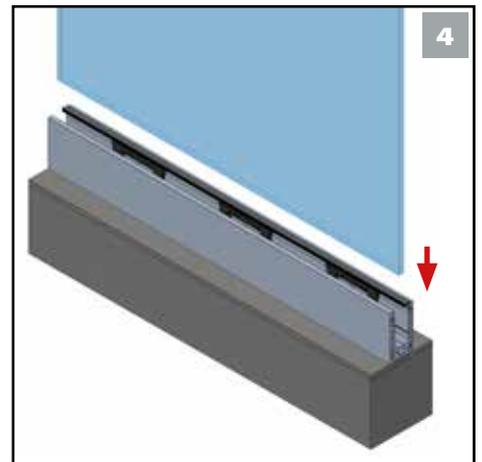
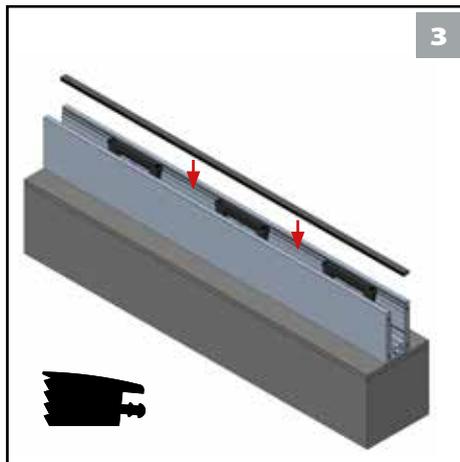
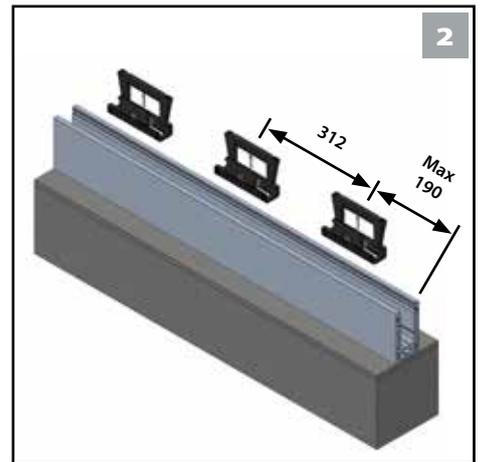
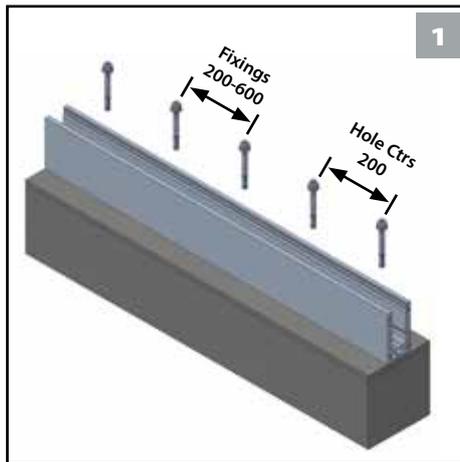
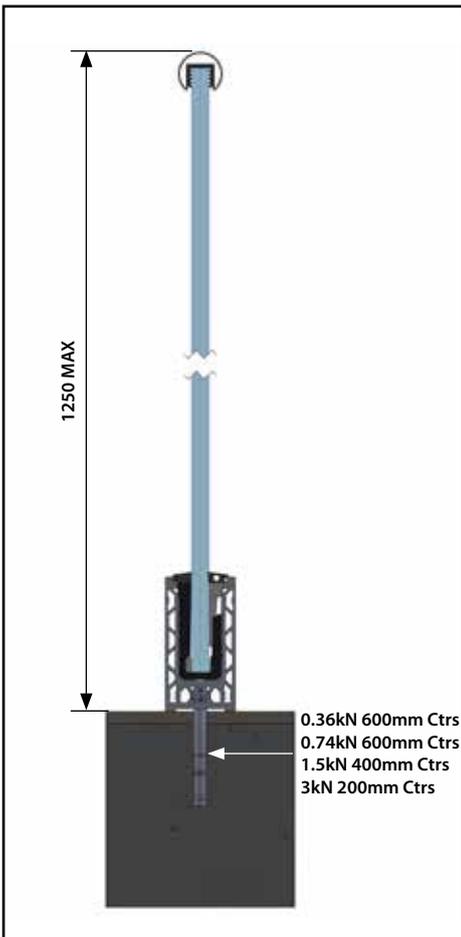
Model 1010	Page 236
Model 1020	Page 237
Model 2010	Page 238
Model 2020	Page 239
Model 3010	Page 240
Posi-Glaze	Page 244
Mega Grip	Page 245

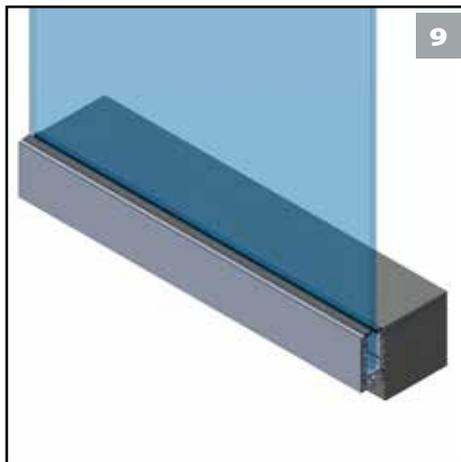
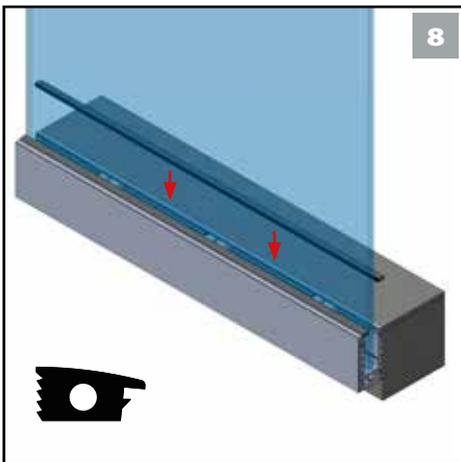
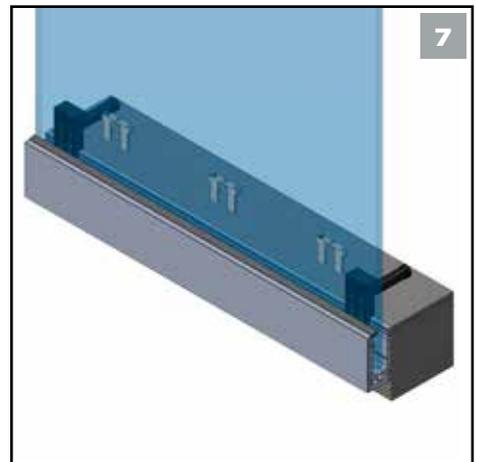
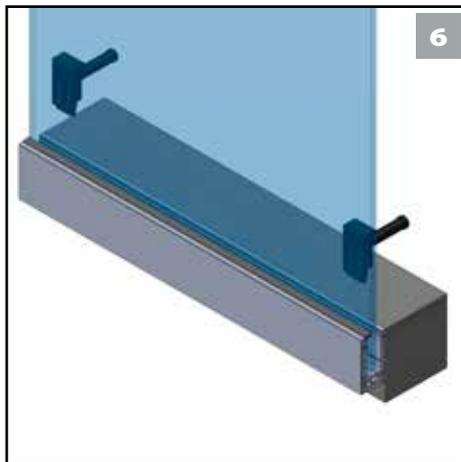
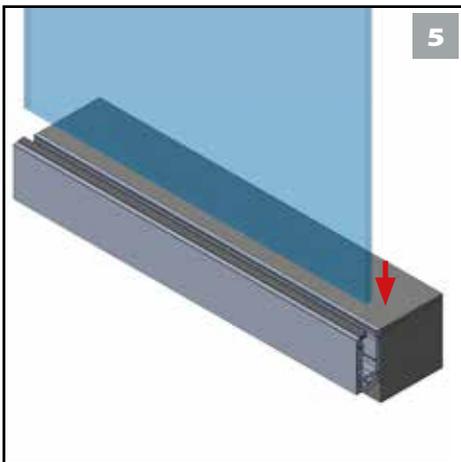
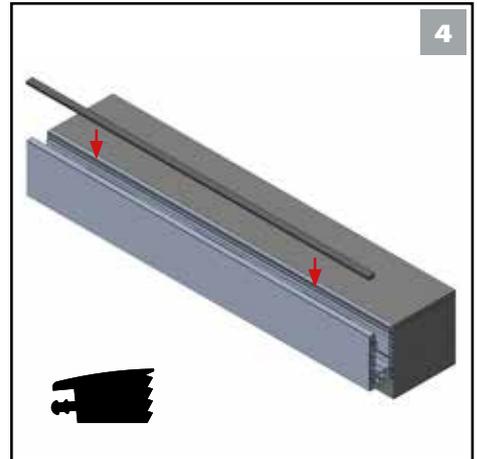
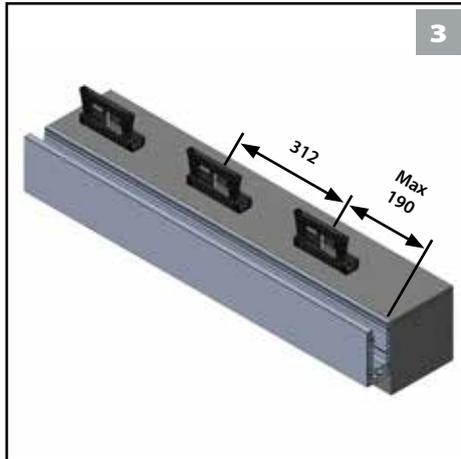
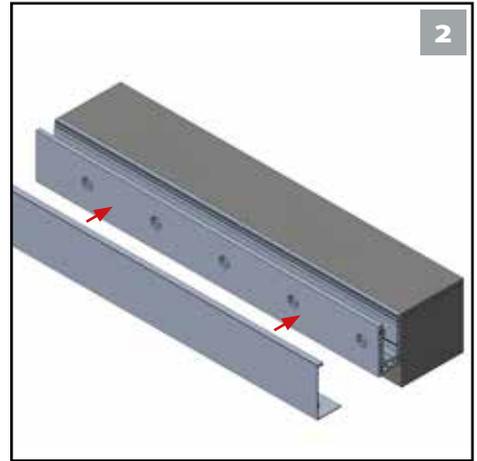
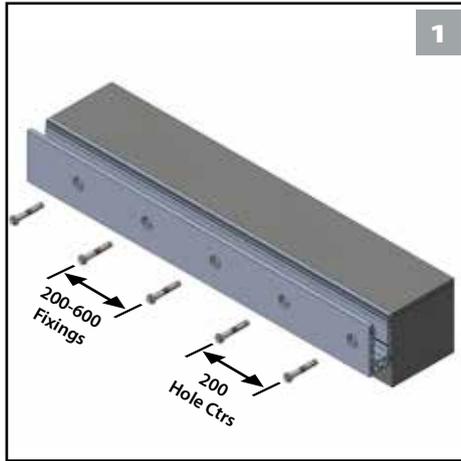
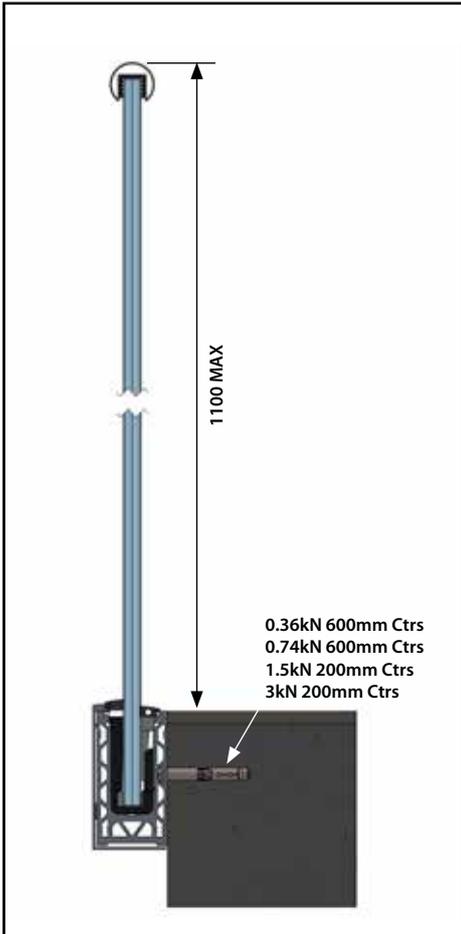
Fast-Track[®]
Channel System

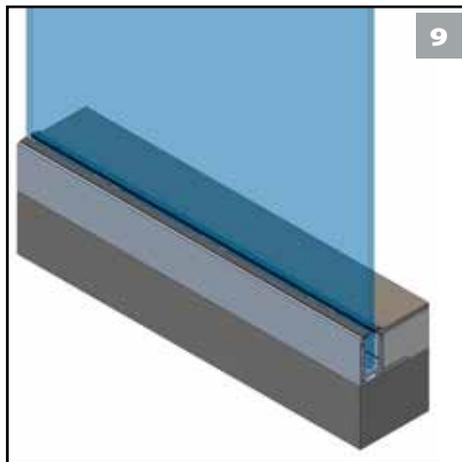
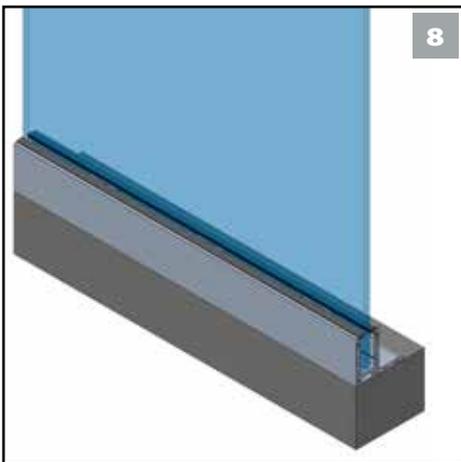
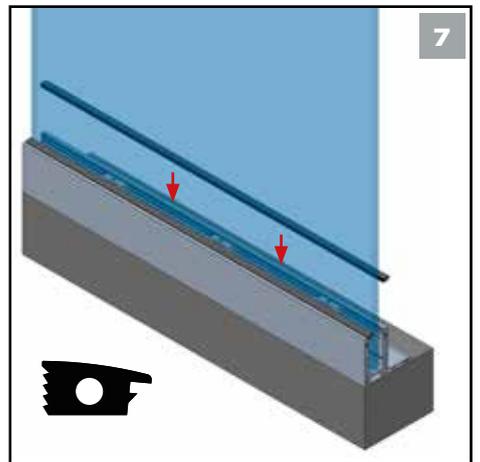
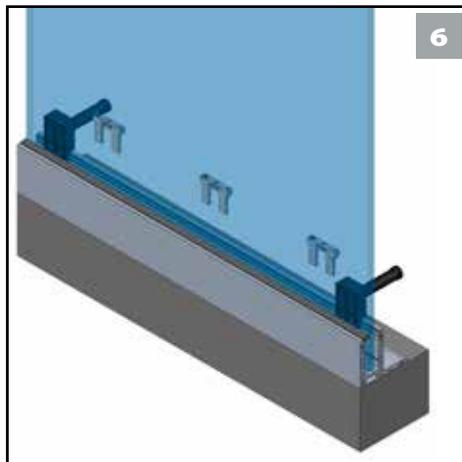
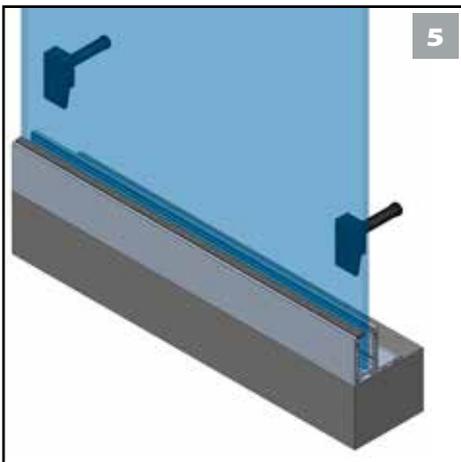
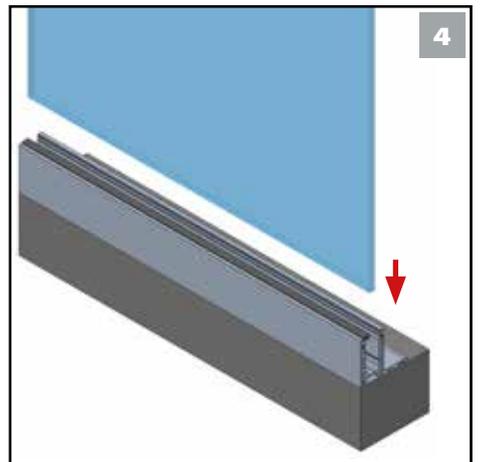
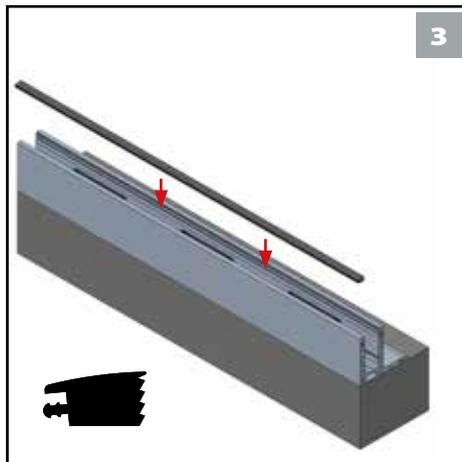
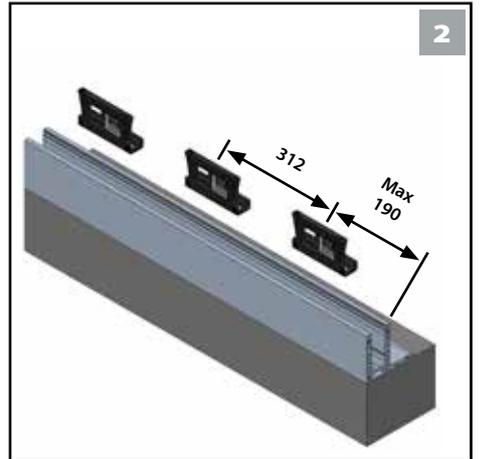
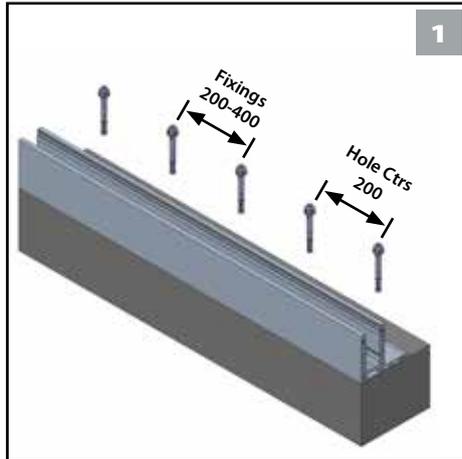
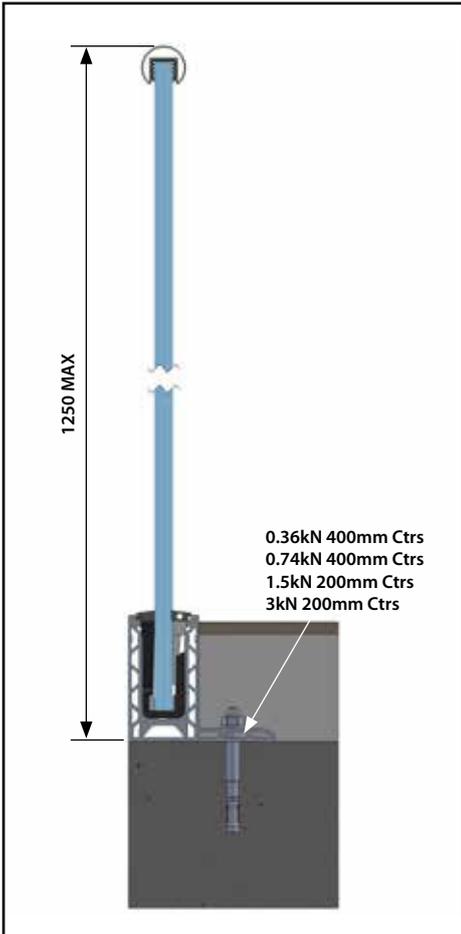
Kwik-Lock[®]
Dialed In Adjustment

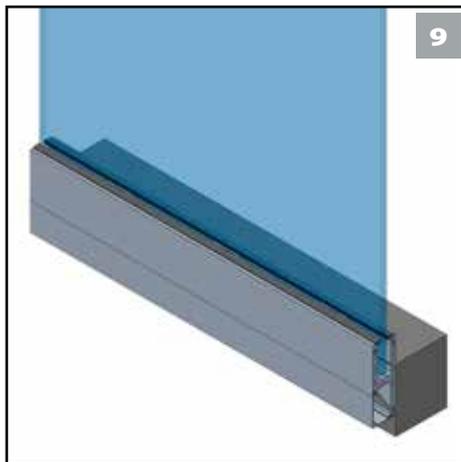
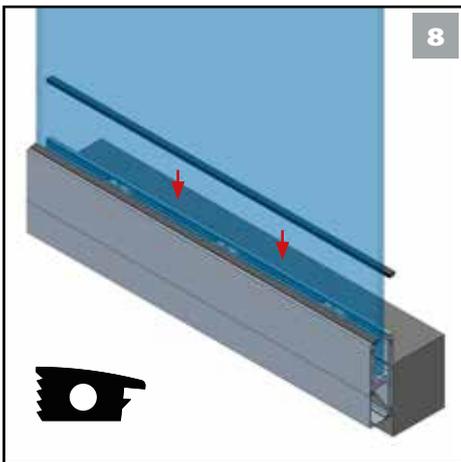
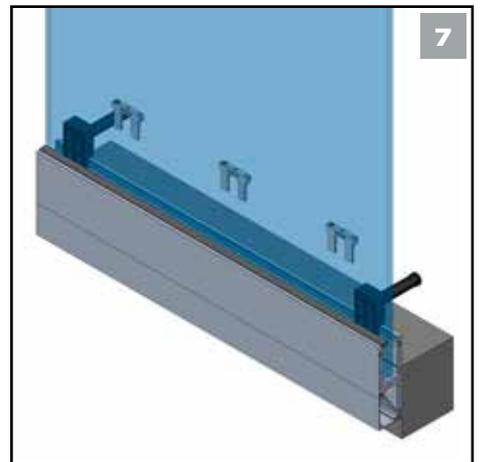
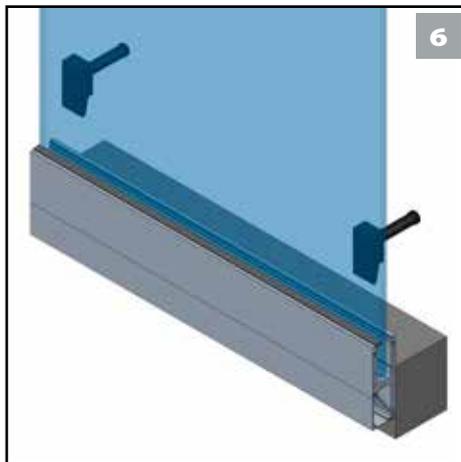
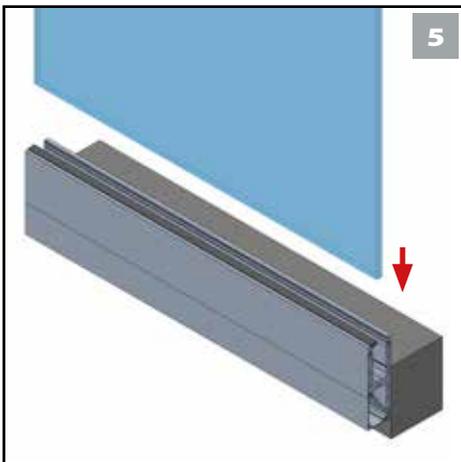
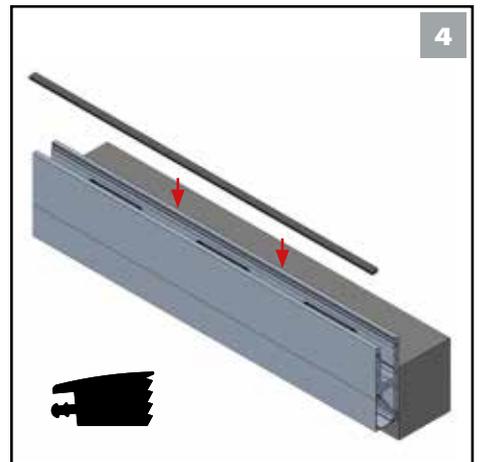
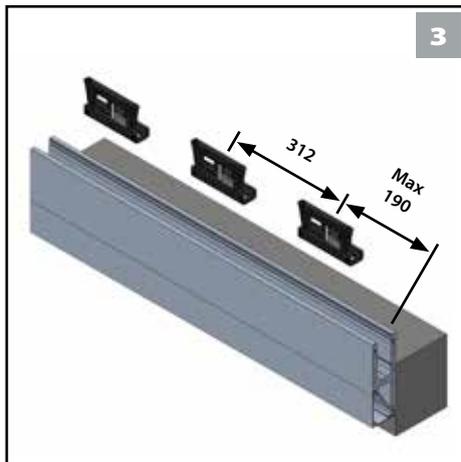
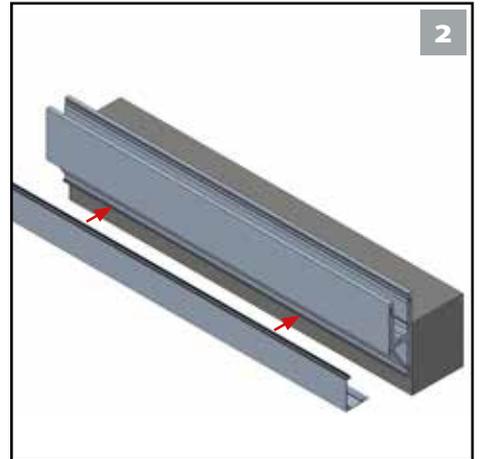
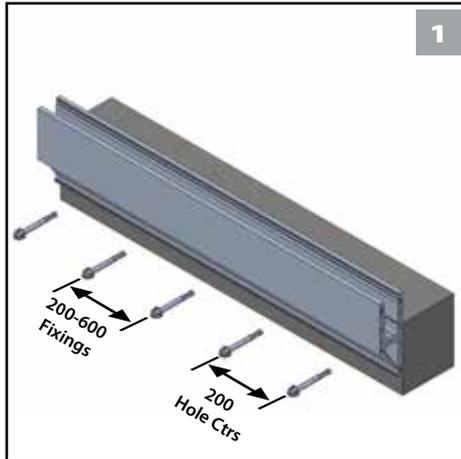
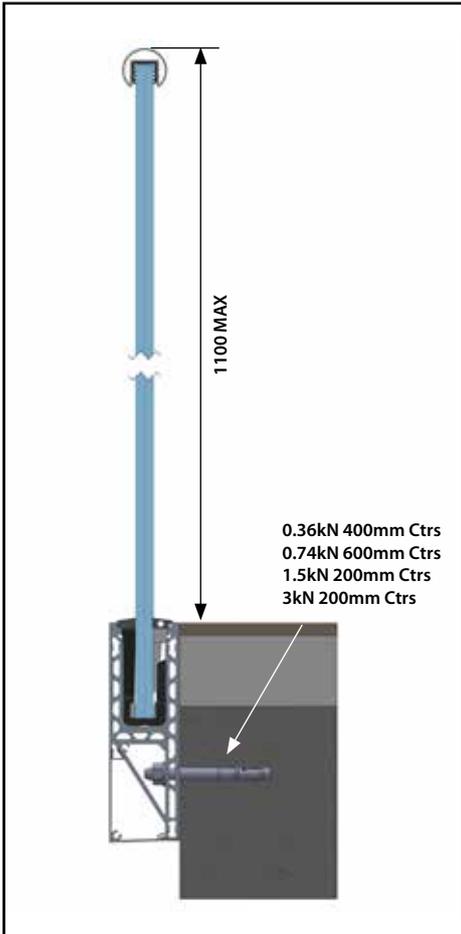
Kwik-Lock[®]
MAX

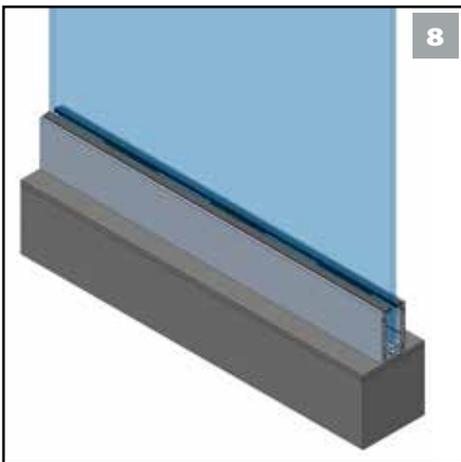
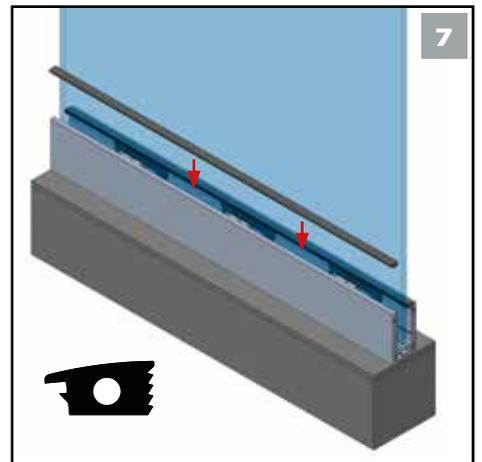
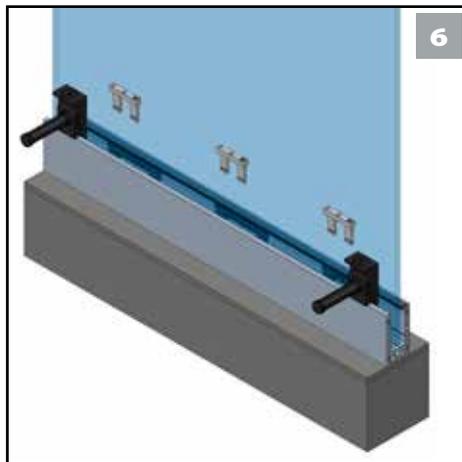
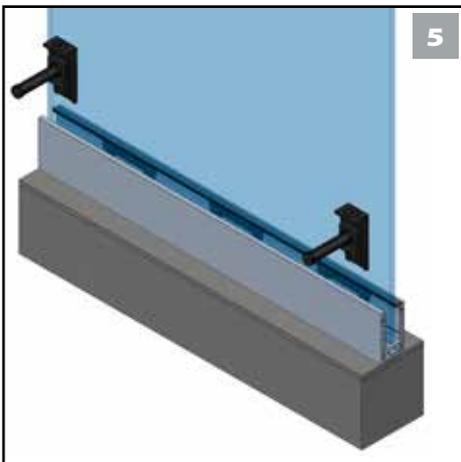
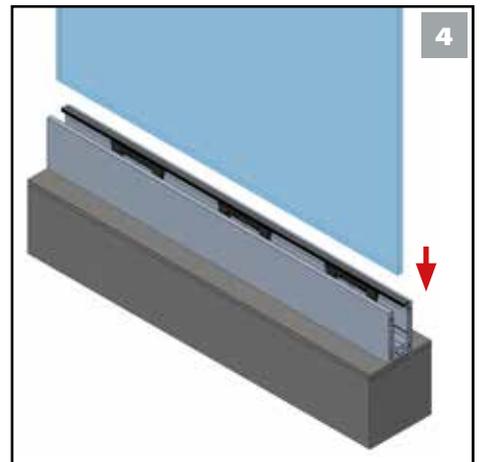
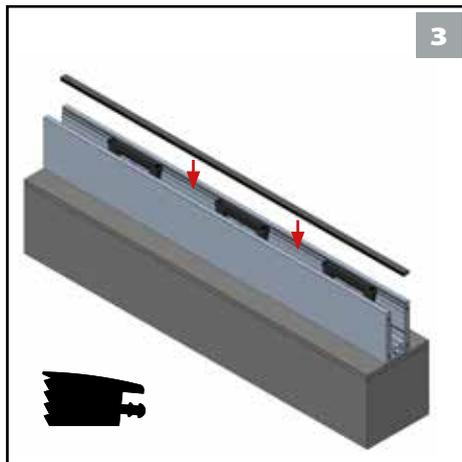
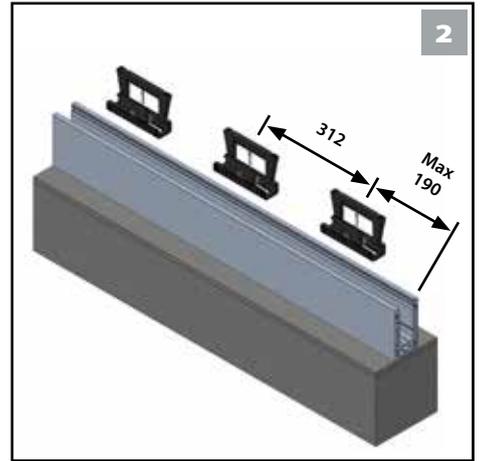
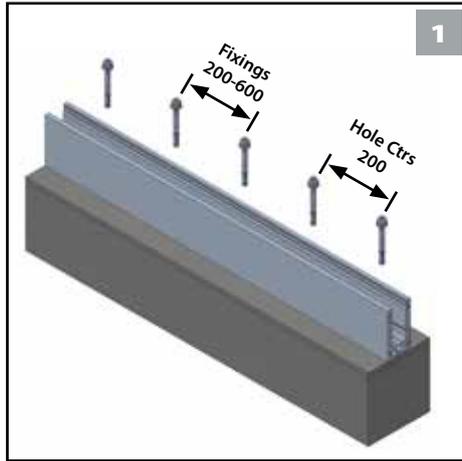
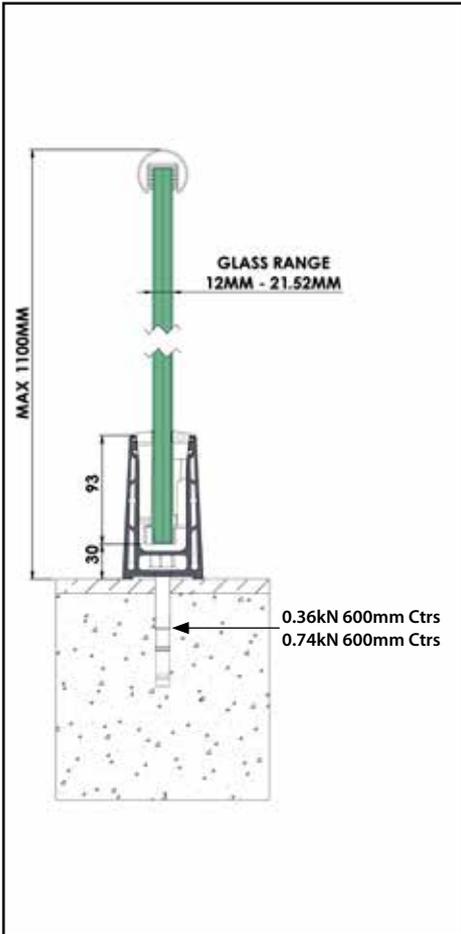


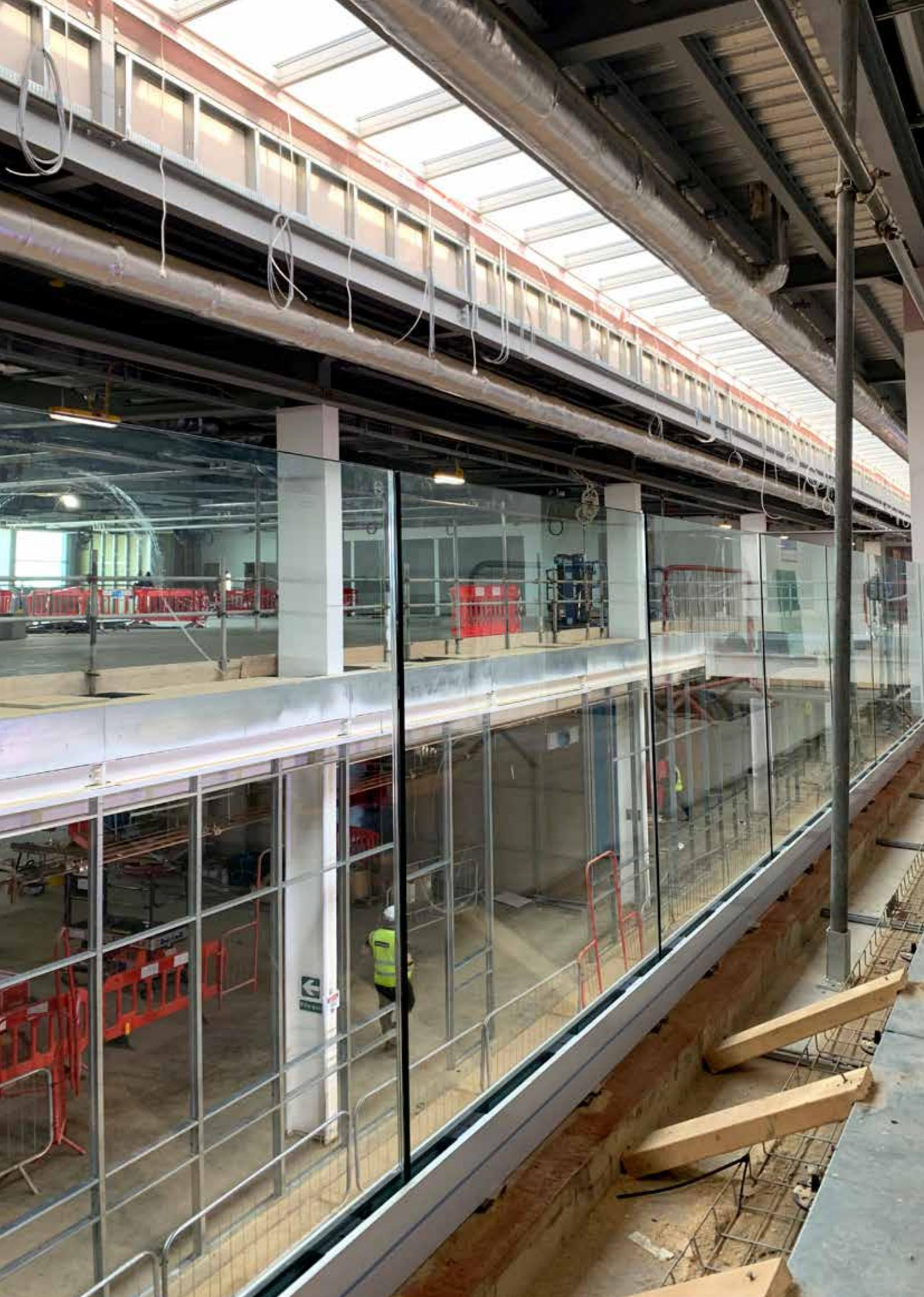




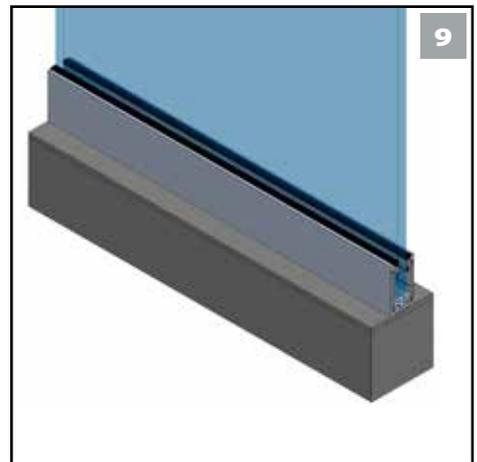
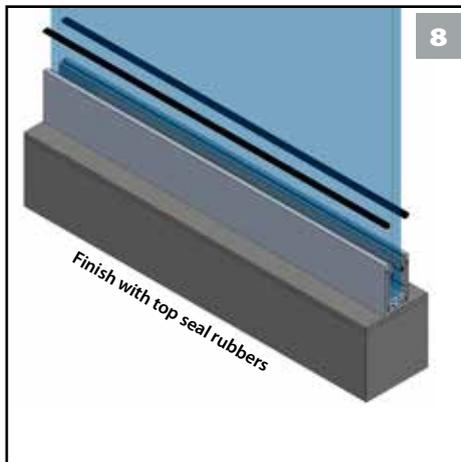
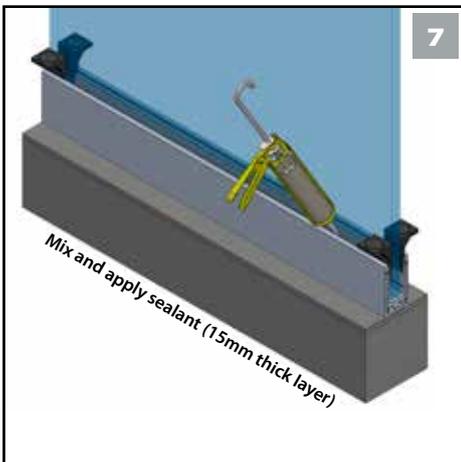
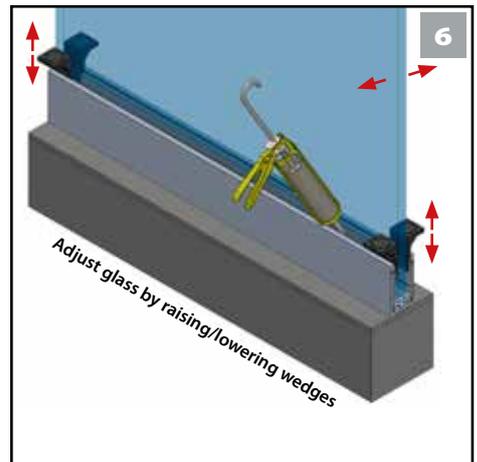
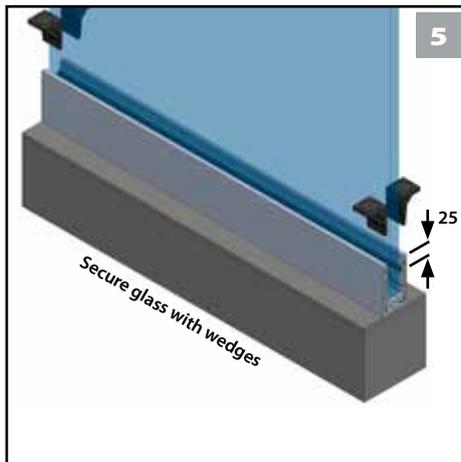
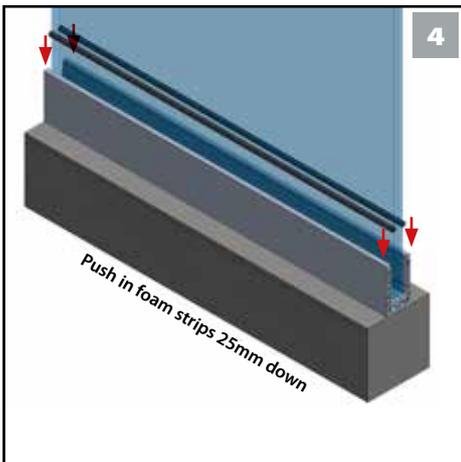
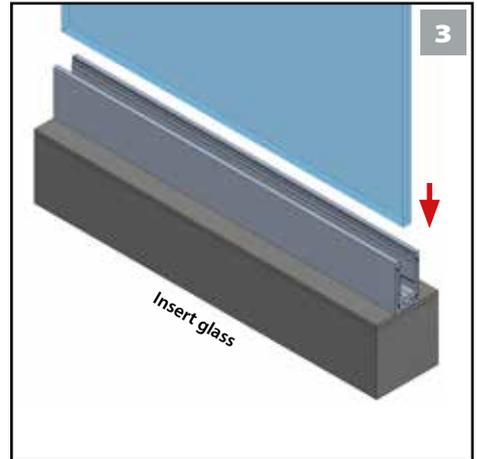
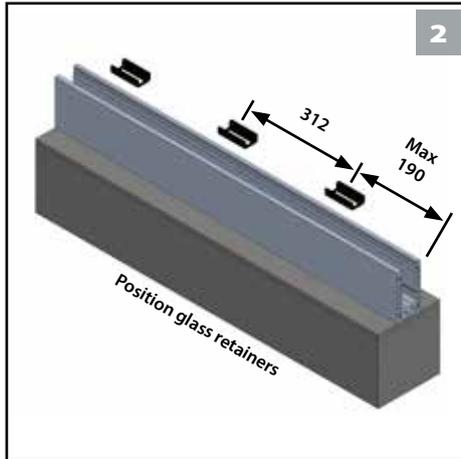
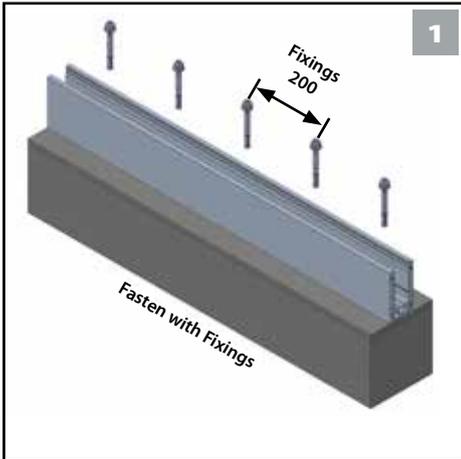






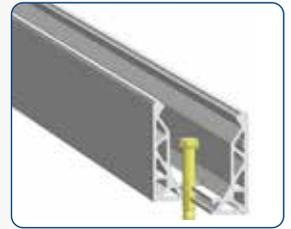






1 Base Rail

The aluminium base rail should be placed onto its designated position and the holes marked onto the substrate for drilling. The channel should then be levelled and lined up with the use of shims. Once the shoe is plumb and level, the fixings should be tightened up to make the channel rigid. The fixings must be tightened in accordance with the manufacturers instructions.



2 Glass Slip Clamp Fitting

The glass slip clamps need to be placed on the bottom of the glass. This requires lifting the glass off the floor sufficiently or turning the glass upside down to squeeze these on. The slip clamps require spacing so that four are used per metre. The clamps placed on either end of the glass should be located 125mm in from the edge of the glass and then 250mm to the next clamp.

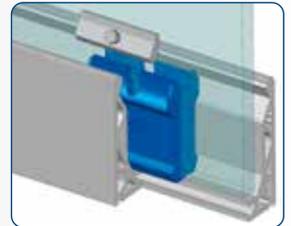
The glass can now be placed into the channel.



3 Glass Clamp Bar Fitting

Once the glass is fitted in place, you now need to place the clamp bars into the top of each glass slip clamp. First you must screw the bolt into the clamp bar until the head of the bolt just reaches the bar. The shaped side of the bar will sit nearest to the glass.

You can now sit each clamp bar into the glass slip clamps.



4 Getting Glass Plumb and Tightening Bolts

You now need to place a spirit level on the glass to get the glass in the correct position. The bolts now need tightening into the channel equally to keep the same pressures on the glass. To adjust the glass into position you must unscrew the bolts back onto the channel.

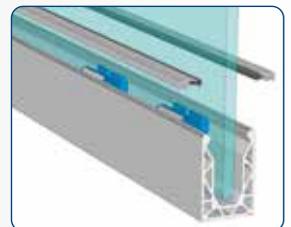
To achieve the correct positioning firstly square up and level each end of the glass and tighten. Then tighten the intermediate clamp bars.

Once the bolts have pinched, they now need a half turn to securely hold the glass in place. For extra protection we would suggest the use of an adhesive on the thread of the bolts.



5 Top Seal Strip

The gasket requires feeding into the smaller profile supplied, you must not stretch the gasket. Once the gasket is flush with each end of the strip it now needs to be clipped onto the top of the channel, this can be done by pressing firmly down on the profile. Working from one end to the other is recommended.

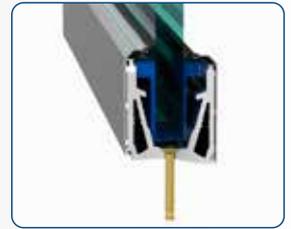


6 Cleaning

Once you are happy everything is in place and the job is complete you need to clean the glass and channel. We recommend the use of any standard glass cleaner so long as it is not abrasive. We also recommend a soft sponge or cloth, again to avoid any risk of scratching.

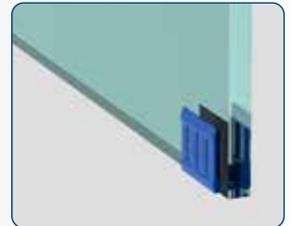
1 Base Rail

The aluminium base rail should be placed onto its designated position and the holes marked onto the substrate for drilling. Once the shoe is level, the fixings should be tightened up to make the channel rigid. The fixings must be tightened in accordance with the manufacturers instructions.



2 Glass Slip Clamp Fitting

The glass slip clamps need to be placed on the bottom of the glass. This requires lifting the glass off the floor sufficiently or applying to the top of the glass and rotating into the channel. The slip clamps require spacing so that four are used per metre. The clamps placed on either end of the glass should be located 125mm from the edge of the glass and then 250mm centres. The glass can now be placed into the channel.



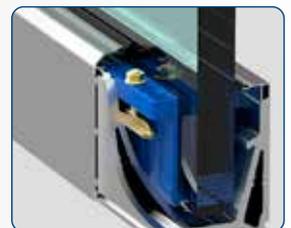
3 Preparing the Mega-Hook

The Clamp bar needs to be slid over the screw threaded end and the bolt loosely tightened so the bar can easily spin into the correct position.



4 Glass Clamp Bar Fitting

You now need to place the Grapple hooks into the top of each glass slip clamp. Lower the hook next to the plastic clamp, and hook into the metal lip. The angled side of the plastic clamp bar must face the angled glass clamp. As shown in the image to the right.



5 Getting the glass level

You now need to get the glass level. Manoeuvre the glass whilst the bolts are loose until it is in the correct position.

Now the bolts can be tightened, firstly finger tighten each side before using a ratchet/torque bar.

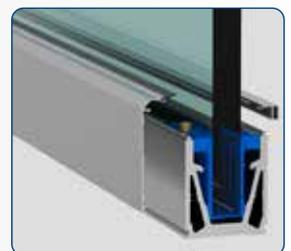
The bolts must be tightened to 15Nm.



6 Top Seal Strip/Cladding

The gasket requires feeding into the Side cladding and/or top bead supplied, you must not stretch the gasket. Once the gasket is flush with each end of the strip it now needs to be clipped onto the top of the channel, this can be done by pressing firmly down on the profile. Working from one end to the other.

The Side cladding has a lower clip which must line in the channel it must then be firmly pushed at the top towards the glass. Addition securing tape can be applied.



7 Cleaning

Once you are happy everything is in place and the job is complete, you need to clean the glass and channel. Use a non abrasive glass cleaner on the glass and warm soapy water on the MegaGrip channel. We also recommend a soft sponge or cloth, again to avoid damaging the channel or glass.



CARE AND MAINTENANCE

care and maintenance

To gain the maximum benefits from the Fastec range, the correct care and maintenance procedures should be followed during and after installation.

To achieve maximum corrosion resistance and appearance, the surface of the stainless steel must be kept clean; this is extremely important when used in an external environment.

It is necessary to clean your installation immediately after fitting is complete using Fastec Stain Remover. Following this, periodical cleaning with Fastec Stainless Steel Cleaner will help form a protective barrier against the atmosphere.

Installations in an external environment will require a cleaning schedule to be followed, this is a periodic cleaning off approximately every 3-6/6-12 months thereafter.

For installations in **aggressive environments**, for example coastal regions and swimming pools, you will need to take particular care with cleaning and maintenance to inhibit corrosion. The cleaning schedules relating to these types of areas are much more frequent than standard external installations. In addition, we strongly recommend that only mirror polished items are installed in such environments due to

cleaning methods

To assist with care and maintenance we provide Fastec Stainless Steel Cleaner and Fastec Stain Remover.

Fastec Stainless Steel Cleaner is a general purpose stainless steel cleansing spray. It can be used in conjunction with Fastec Stain Remover or as a cleaning product in its own right to clean and shine stainless steel.

Fastec Stain Remover is an acid based cleaner which temporarily strips the stainless steel of its passive layer so any contaminants can be removed. It should then be washed off with water which neutralises the acid and causes the passive layer to regenerate on the surface of the stainless steel. This surface should be periodically protected with Fastec Stainless Steel Cleaner.

↳ Hints and tips

Always clean your installation once it has been completed. This is necessary to remove any contaminants on the surface of the material to prevent future problems and leaves a finished look behind for your customer.

For outstanding results, use Fastec Stainless Steel Cleaner for internal installations and Fastec Stain Remover followed by Fastec Stainless Steel Cleaner for external applications.

Always use a lint-free cloth, never use an abrasive cleaner or cloth.

It is important to remember that masonry and brick cleaners contain acid, so protect any stainless steel surfaces during their use. Any splashes should be washed off straight away with water.



► **Further information on cleaning schedules and maintenance can be found on our website.**



customer care

Our focus is your business.

Fastec is a customer-focused company. We take a meticulous approach to serving our customers, from initial enquiry through to delivery and after-sales services.

Providing the products and services our customers require is the key to our success. That's why we are proactive in anticipating the evolving needs of our customers.

Our highly experienced and knowledgeable technical experts will quickly understand the nature of your project and your precise requirements.

We are happy to deal with all your questions and enquiries and our experts will be able to guide you through our extensive range of products and the ordering process – whether you're working on a small domestic project or a substantial commercial or architectural development.

Above all, it is the level of personal service we provide, backed by our experience, knowledge and expertise, that ensures we always meet and frequently exceed our customers' expectations.

quality

We aim to provide the best quality products within the market place. To ensure this, all the fittings within the Fastec range are manufactured and inspected to meet your high standards.

Fastec Handrail Systems has gained BS EN ISO9001: 2015 accreditation ensuring you benefit from exceptional product quality and service levels.

This accreditation guarantees that we conform to stringent quality control procedures. Ensuring we get it right first time, every time – so you will too.



RS24788



Enquiry Sheets

Posts Made To Your Requirements

Base

MOD: 1100

MOD: 1110

MOD: 1120

Ø 42,4 x 2,0 mm

Ø 42,4 x 2,6 mm

Ø 48,3 x 2,0 mm

Ø 48,3 x 2,6 mm

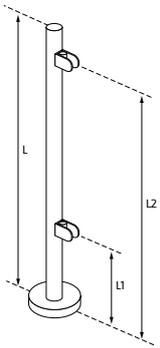
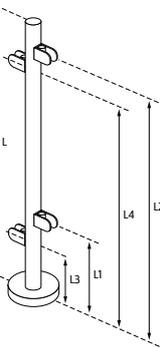
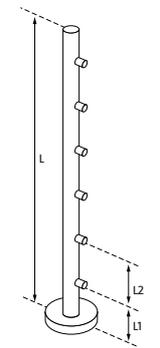
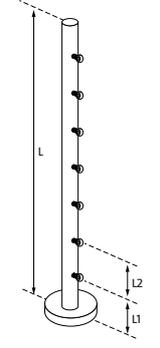
Grade

304

316

Type

Quantity

	<p>Glass clamps</p> <p>L = 980 mm <input type="checkbox"/> L = 1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm</p>	<p>Glass clamp</p> <p>MOD: 30 <input type="checkbox"/> MOD: 31 <input type="checkbox"/> MOD: 32 <input type="checkbox"/> MOD: 33 <input type="checkbox"/> MOD: 34 <input type="checkbox"/> MOD: 35 <input type="checkbox"/> MOD: 38 <input type="checkbox"/></p> <p>Glass thickness</p> <p>8 mm <input type="checkbox"/> 8,76 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 10,76 mm <input type="checkbox"/> 11,52 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 15 mm <input type="checkbox"/></p>	   
	<p>Glass clamps</p> <p>L = 980 mm <input type="checkbox"/> L = 1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm L3: _____ mm L4: _____ mm</p>	<p>Glass clamp</p> <p>MOD: 30 <input type="checkbox"/> MOD: 31 <input type="checkbox"/> MOD: 32 <input type="checkbox"/> MOD: 33 <input type="checkbox"/> MOD: 34 <input type="checkbox"/> MOD: 35 <input type="checkbox"/> MOD: 38 <input type="checkbox"/></p> <p>Glass thickness</p> <p>8 mm <input type="checkbox"/> 8,76 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 10,76 mm <input type="checkbox"/> 11,52 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 15 mm <input type="checkbox"/></p>	   
	<p>Crossbar holders</p> <p>L = 980 mm <input type="checkbox"/> L = 1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm</p>	<p><input type="checkbox"/> Holes per post</p> <p>12 mm Infill bar <input type="checkbox"/> 16 mm Infill bar <input type="checkbox"/></p>	 
	<p>Wire-tec cable system</p> <p>L = 980 mm <input type="checkbox"/> L = 1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm</p>	<p><input type="checkbox"/> Eye bolts per post</p> <p>3,2 mm Wire <input type="checkbox"/> 6,0 mm Wire <input type="checkbox"/></p>	  

Sender

Name: _____

Company: _____

Tel: _____

Street: _____

Fax: _____

Town: _____

Email: _____

Postcode: _____

Base

MOD: 1000
 MOD: 1010
 MOD: 1020
 MOD: 1030

Specials form

Ø 42,4 x 2,0 mm
 Ø 42,4 x 2,6 mm
 Ø 48,3 x 2,0 mm
 Ø 48,3 x 2,6 mm

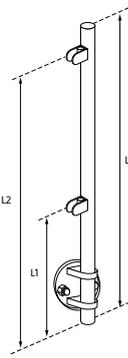
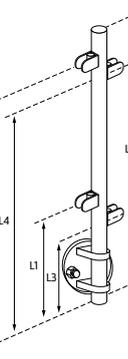
F

Grade

304
 316

Type

Quantity

Type	Dimensions	Options	Quantity		
 <p>Glass clamps</p> <p>L: _____ mm L1: _____ mm L2: _____ mm</p>	Glass clamp	MOD: 30 <input type="checkbox"/> MOD: 31 <input type="checkbox"/> MOD: 32 <input type="checkbox"/> MOD: 33 <input type="checkbox"/> MOD: 34 <input type="checkbox"/> MOD: 35 <input type="checkbox"/> MOD: 38 <input type="checkbox"/>	Glass thickness 8 mm <input type="checkbox"/> 8,76 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 10,76 mm <input type="checkbox"/> 11,52 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 15 mm <input type="checkbox"/>		
	 <p>Glass clamps</p> <p>L = 980 mm <input type="checkbox"/> L = 1060 mm <input type="checkbox"/> or L: _____ mm L1: _____ mm L2: _____ mm L3: _____ mm L4: _____ mm</p>	Glass clamp	MOD: 30 <input type="checkbox"/> MOD: 31 <input type="checkbox"/> MOD: 32 <input type="checkbox"/> MOD: 33 <input type="checkbox"/> MOD: 34 <input type="checkbox"/> MOD: 35 <input type="checkbox"/> MOD: 38 <input type="checkbox"/>	Glass thickness 8 mm <input type="checkbox"/> 8,76 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 10,76 mm <input type="checkbox"/> 11,52 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 15 mm <input type="checkbox"/>	
		<p>Crossbar holders</p> <p><input type="checkbox"/> Holes per post</p> <p>L: _____ mm L1: _____ mm L2: _____ mm</p> <p>12 mm Infill bar <input type="checkbox"/> 16 mm Infill bar <input type="checkbox"/></p>			  R= _____ °
			<p>Wire-tec cable system</p> <p><input type="checkbox"/> Eye bolts per post</p> <p>L: _____ mm L1: _____ mm L2: _____ mm</p> <p>3,2 mm Wire <input type="checkbox"/> 6,0 mm Wire <input type="checkbox"/></p>		

Sender

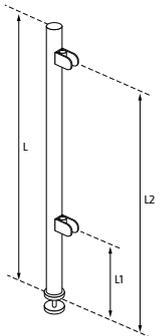
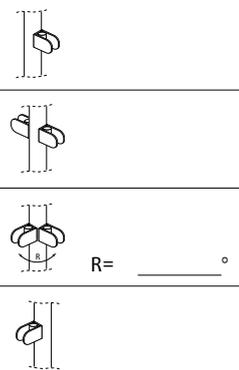
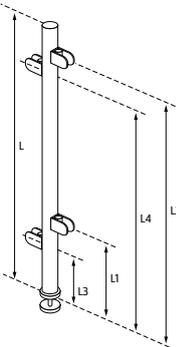
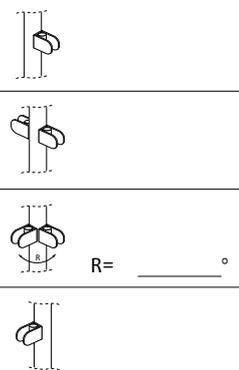
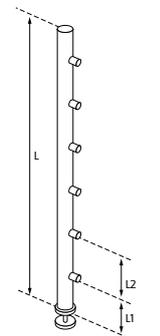
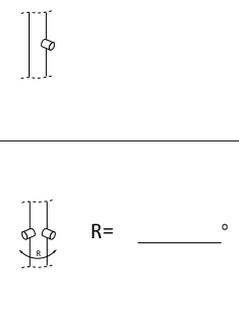
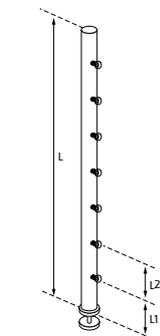
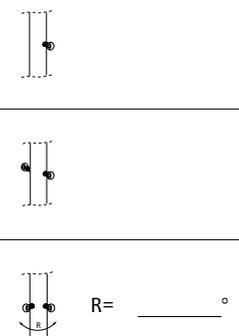
Name: _____
 Tel: _____
 Fax: _____
 Email: _____

Company: _____
 Street: _____
 Town: _____
 Postcode: _____

Grade

Ø 42,4 x 2,6 mm
 Ø 48,3 x 2,6 mm

304
 316

Type				Quantity
	<p>Glass clamps</p> <p>L=980 mm <input type="checkbox"/> L=1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm</p>	<p>Glass clamp</p> <p>MOD: 30 <input type="checkbox"/> MOD: 31 <input type="checkbox"/> MOD: 32 <input type="checkbox"/> MOD: 33 <input type="checkbox"/> MOD: 34 <input type="checkbox"/> MOD: 35 <input type="checkbox"/> MOD: 38 <input type="checkbox"/></p>	<p>Glass thickness</p> <p>8 mm <input type="checkbox"/> 8,76 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 10,76 mm <input type="checkbox"/> 11,52 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 15 mm <input type="checkbox"/></p>	
	<p>Glass clamps</p> <p>L=980 mm <input type="checkbox"/> L=1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm L3: _____ mm L4: _____ mm</p>	<p>Glass clamp</p> <p>MOD: 30 <input type="checkbox"/> MOD: 31 <input type="checkbox"/> MOD: 32 <input type="checkbox"/> MOD: 33 <input type="checkbox"/> MOD: 34 <input type="checkbox"/> MOD: 35 <input type="checkbox"/> MOD: 38 <input type="checkbox"/></p>	<p>Glass thickness</p> <p>8 mm <input type="checkbox"/> 8,76 mm <input type="checkbox"/> 10 mm <input type="checkbox"/> 10,76 mm <input type="checkbox"/> 11,52 mm <input type="checkbox"/> 12 mm <input type="checkbox"/> 15 mm <input type="checkbox"/></p>	
	<p>Crossbar holders</p> <p>L=980 mm <input type="checkbox"/> L=1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm</p>	<p><input type="checkbox"/> Holes per post</p> <p>12 mm Infill bar <input type="checkbox"/> 16 mm Infill bar <input type="checkbox"/></p>		
	<p>Wire-tec cable system</p> <p>L=980 mm <input type="checkbox"/> L=1060 mm <input type="checkbox"/> or L: _____ mm</p> <p>L1: _____ mm L2: _____ mm</p>	<p><input type="checkbox"/> Eye bolts per post</p> <p>3,2 mm Wire <input type="checkbox"/> 6,0 mm Wire <input type="checkbox"/></p>		

Sender

Name: _____

Company: _____

Tel: _____

Street: _____

Fax: _____

Town: _____

Email: _____

Postcode: _____



NOTES



NOTES



NOTES



NOTES



NOTES

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