

STAINLESS STEEL HANDRAIL + GLASS SYSTEMS 2007/08

handrail fittings • glass clamps • tube • tools



Superior Service Quality Products



... high quality
stainless steel
handrail
and glass
balustrading

BRISBANE /SYDNEY/MELBOURNE

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proud members of:

ASSOA
Australian Stainless Steel
Development Association

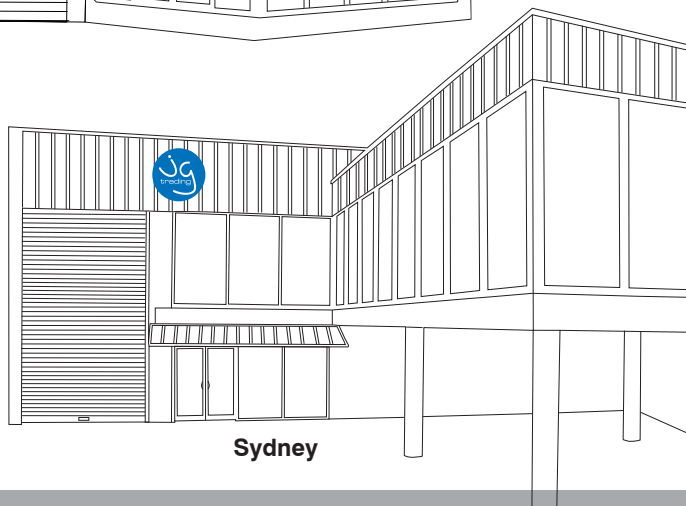
Modular Handrail & Glass Systems

J&G Trading is proud to introduce our range of quality stainless steel modular handrail components, glass clamps and tubing. Being modular in design, our handrail system negates the need for welding, grinding and polishing your handrail job when the need for bends, angles and joins arises. Our system offers many advantages over a fully fabricated handrail job:

- Labour time reduced by more than 1/3
- Can be supplied In D.I.Y. kit form
- No specialised tooling required
- Professional results
- Improved surface finish
- Lower material costs
- No previous experience required
- No drilling required in glass

Our Mission

To provide excellence in customer service through the delivery of superior quality products, J & G Trading aims to lead through price competitiveness, innovation and integrity.



OUR PRODUCTS

Over 1500 stock product lines across a range of categories

In-house swaging, fabrication & assembly facilities

Strategic overseas alliances to provide the latest in global product trends

OUR FACILITIES

Showrooms, sales offices and warehouses in Brisbane, Sydney & Melbourne.

Extensive distributor network throughout Australia & New Zealand

Interactive website with all current products displayed



Assembly Methods

Our Stainless Steel handrail systems allows you to achieve a quality finish to a job without the need for the specialised equipment for stainless steel fabrication. The fine tolerances of the fitting sizes enables the handrail to be assembled using any of the following:

- Knock-in only
- Two-part stainless steel epoxy glue
- Blind rivet nut & cap screw
- TIG Weld for commercial and structural applications
- Pop rivets
- Tec screws

How to Use This Catalogue

This catalogue has been created to aid in product selection, provide detailed product specifications, and assist with your ordering process. The information contained herein is subject to change without prior notice, and should not be used as an infallible guide to specifications.

Should you require further assistance or information on any of these products, please contact the supplier listed on the back of this catalogue.

- **For take off measurements please check measure products before commencing job**
- **All fittings are mirror polished unless otherwise stated**

All dimensions are in millimetres unless otherwise specified. The following is a list of abbreviated terms as contained in this catalogue:

- **AISI 304** 304 Grade Stainless Steel
- **AISI 316** 316 Grade Stainless Steel
- **Wgt** Weight of an item (g or Kg)
- **Wall** Required tube wall thickness

How to Order

Contact the supplier listed on the back of this catalogue for further information on how to order these products. Please note that pricing, delivery charges, terms of payment and returns policies are set by the supplier listed on the back of this catalogue.

Catalogue Acknowledgements

Produced and colated by the staff at J&G Trading November 2007

*General product catalogue available on request from J&G Trading

STAINLESS STEEL PROPERTIES

Stainless Steel Composition

Stainless Steel is an alloy that contains at least 50% iron and 10% chromium. The chromium slows down the corrosion process and plays a key part in defining stainless steel. Generally the higher the chromium percentage (up to 30%) the more corrosion resistance. Other elements are also added to enhance the properties of a particular grade and type of stainless steel.

Stainless Steel Grades

Stainless Steel alloys are grouped according to the structure of their crystals. Adding nickel creates the structure used in marine applications, called **austenitic**. Austenitic stainless steels are identified by their '300' series designation.

Grade '304' is used for rigging, fasteners, fittings, and propeller shafts. This grade is made up of 18% chromium and 8% nickel offering good corrosion resistance. Type 304 is the most common stainless steel produced, and satisfies a broad demand for adequate performance at an affordable price. Type 304 is inadequate for many marine applications.

Grade '316' offers the best corrosion resistance among standard stainless steels. Type 316 is made by adding more nickel and 2% molybdenum to Grade 304. It resists pitting and corrosion by most chemicals, and is particularly resistant to salt water corrosion, making it ideal for most marine applications. Type 316 is only about 85% as strong as Type 304.

Corrosion Definition

When stainless steel is produced, the chromium forms an outer oxide layer. As long as this layer remains intact, the stainless steel remains passive. Once the oxide layer begins to break down, the stainless steel becomes active and its corrosion resistance is reduced. Rust is the obvious, visible evidence of corrosive activity.



Grade '316'
Stainless Steel
for maximum
corrosion
resistance



When used properly, stainless steel enjoys a strong and enduring reputation for visual appeal and structural integrity in a wide range of applications and environments.

Stainless Steel 'Tea Staining'

Incorrect specification, fabrication or subsequent handling in coastal environments may cause stainless steel to stain or discolour, impairing the overall look. This brown discolouration, or tea staining has been identified in coastal applications in Australia and overseas.

Tea staining mostly occurs within about five kilometres of the beachfront, or a few hundred metres from a sheltered bay and worsens closer to the marine source. Other environmental factors may contribute to the problem such as wind exposure, industrial pollution, and elevated temperatures where tea staining may occur up to 20 kilometres from the sea. Tea staining can be controlled. It does not affect the structural integrity or the longevity of the material.

Design, Fabrication and Handling

Poor design and fabrication can lead to tea staining or more serious corrosion of stainless steels. In the design stage, it is advised to avoid crevices such as intermittent welds and areas where water can collect. During the fabrication process, it is advised to avoid carbon steel contamination.

Choose a smoother surface

Rough surface finishes promote tea staining. The main cause of this problem is salt deposited on the stainless steel surface. The smoother the surface the better. To reduce the risk of tea staining **choosing** or **creating** a smoother surface is an ideal combatant. Smoother surface finishes stay cleaner between washes and don't have deep surface grooves where chlorides and other contaminants can collect and concentrate.

A process called **pickling** may be used to remove surface contaminants, but may dull the surface. Alternately **electro polishing** may be used, and has the added benefit of brightening the surface.

Specify Grade '316' Stainless Steel

As outlined in the previous section, Grade 316 is ideal for marine and highly corrosive environments. Regular maintenance and use of lanolin protective products will ensure the best resistance against tea staining and corrosive effects.

Maintenance and Protection

Even smooth stainless steel finishes in coastal environments may show tea staining if not washed regularly. Rain washing the stainless steel surface can help reduce tea staining, and should therefore be an important project design consideration. Best results are achieved by washing with soap or mild detergent and warm water followed by rinsing with clean cold water. Surface appearance may be further improved by wiping dry the washed surface and treating the stainless steel with **Inox** or **Polinox** Protective range. More information on these ranges can be found in this catalogue on pages 39-41.

For further information contact J & G Trading Pty Ltd

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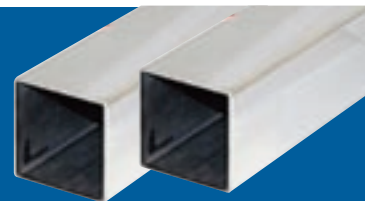
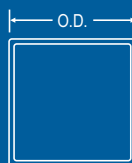
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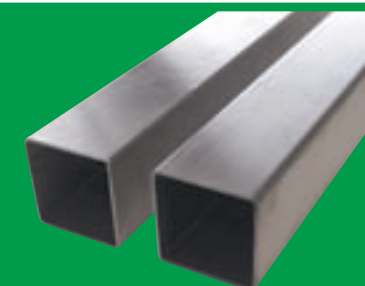
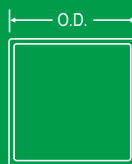
SQUARE STAINLESS STEEL WELDED TUBE ASTM A554 (MIRROR)

Code	O.D.	Wall	Polish	Lgth	Grade	Wgt
MST-304-2-6M	2"	1.5mm	600g	6mtr	AISI 304	13kg
MST-316-2-6M	2"	1.5mm	600g	6mtr	AISI 316	13kg



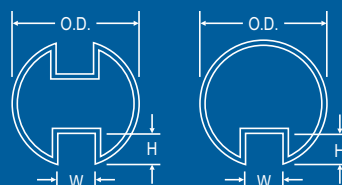
SQUARE STAINLESS STEEL WELDED TUBE ASTM A554 (SATIN)

Code	O.D.	Wall	Polish	Lgth	Grade	Wgt
ST-304-2-6M	2"	1.5mm	180g	6mtr	AISI 304	13kg
ST-316-2-6M	2"	1.5mm	180g	6mtr	AISI 316	13kg



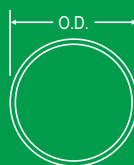
ROUND SLOTTED S/STEEL WELDED TUBE ASTM A554 AISI 316

Code	O.D.	Wall	W	H	Slot	Polish	Lgth	Wgt
RT-SS-316-2	2"	1.5mm	15	15	Single	600g	6mtr	13kg
RT-DS-316-2	2"	1.5mm	15	15	Double	600g	6mtr	15kg

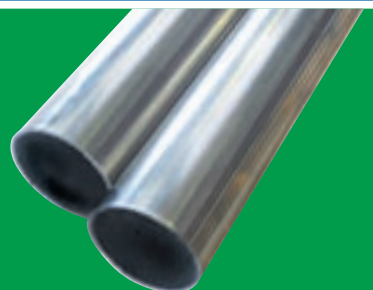


ROUND STAINLESS STEEL WELDED TUBE ASTM A554 AISI 304

Code	O.D.	Wall	Polish	Lgth	Wgt
RT-304-1.5-3M	1 1/2"	1.5mm	600g	3mtr	3.5kg
RT-304-1.5-6M	1 1/2"	1.5mm	600g	6mtr	7.0kg
RT-304-2-3M	2"	1.5mm	600g	3mtr	5.5kg
RT-304-2-6M	2"	1.5mm	600g	6mtr	11kg

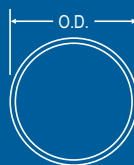


AISI 304
S/Steel

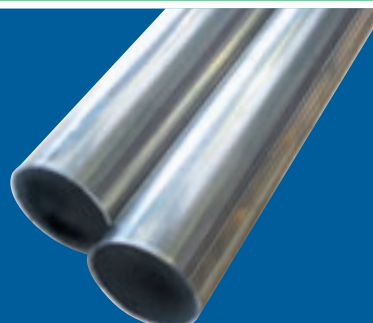


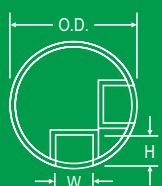
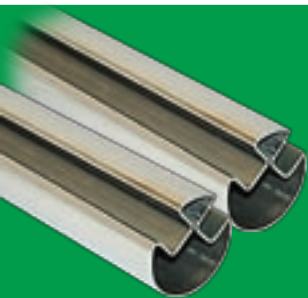
ROUND STAINLESS STEEL WELDED TUBE ASTM A554 AISI 316

Code	O.D.	Wall	Polish	Lgth	Wgt
RT-316-1/2-6M	1/2"	1.2mm	600g	6mtr	2.0kg
RT-316-1-6M	1"	1.5mm	600g	6mtr	4.0kg
RT-316-1.5-3M	1 1/2"	1.5mm	600g	3mtr	3.5kg
RT-316-1.5-6M	1 1/2"	1.5mm	600g	6mtr	7.0kg
RT-316-2-3M	2"	1.5mm	600g	3mtr	5.5kg
RT-316-2-6M	2"	1.5mm	600g	6mtr	11kg
RT-316-2.5-6M	2 1/2"	1.5mm	600g	6mtr	14kg



AISI 316
S/Steel

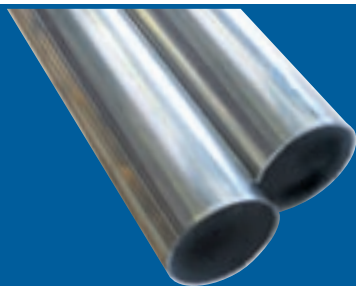




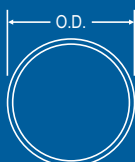
ROUND "90°" SLOTTED S/STEEL WELDED TUBE ASTM A554 AISI 316

- Ideal for corner posts for balustrading and pool fencing

Code	O.D.	Wall	W	H	Polish	Lgth	Wgt
RT-NS-316-2-3M	2"	1.5mm	15	15	600g	3mtr	6.5kg



2mm
Wall
Thickness



ROUND STAINLESS STEEL WELDED TUBE "HEAVY DUTY" ASTM A554 AISI 316

- Contains 2mm wall thickness for applications requiring additional strength
- Ideal for corner/intermediate posts where tension is imposed on more than one side of tube

Code	O.D.	Wall	Polish	Lgth	Wgt
RT-316-2-3M-2.0	2"	2.0mm	600g	3mtr	7kg
RT-316-2-6M-2.0	2"	2.0mm	600g	6mtr	14kg

Ask about our
additional in house
services including:
cutting
welding
glue end/rails caps,
drilling
installing blind rivets
and pre-made wires

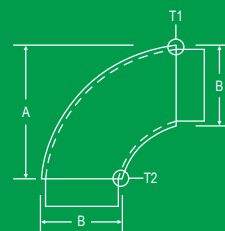




FLUSH JOINER "90°" RADIUSED "HEAVY DUTY" AISI 316

- Contains 2mm wall thickness (bottom only) for applications requiring additional strength
- Ideal for corner/intermediate posts where tension is imposed on more than one side

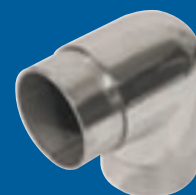
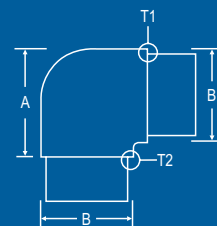
Code	Tube	Wall	A	B	T1	T2	Wgt
TWT-2001E	2"	1.5/2.0mm	65	50.8	1.5	2.0	395g



FLUSH JOINER "90°" "HEAVY DUTY" AISI 316

- Contains 2mm wall thickness (bottom only) for applications requiring additional strength
- Ideal for corner/intermediate posts where tension is imposed on more than one side

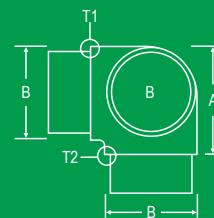
Code	Tube	Wall	A	B	T1	T2	Wgt
TWT-2002E	2"	1.5/2.0mm	61	50.8	1.5	2.0	405g



FLUSH JOINER "90° TEE" "HEAVY DUTY" AISI 316

- Contains 2mm wall thickness (bottom only) for applications requiring additional strength
- Ideal for corner/intermediate posts where tension is imposed on more than one side

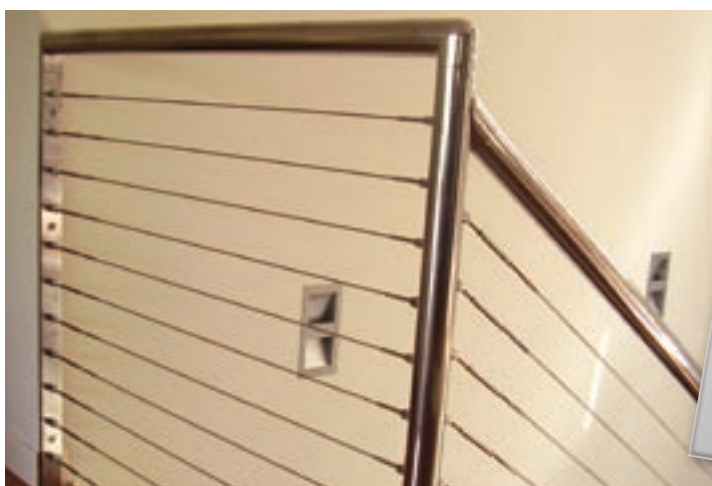
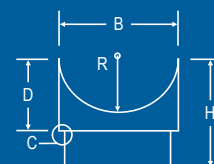
Code	Tube	Wall	A	B	T1	T2	Wgt
TWT-2006E	2"	1.5/2.0mm	61	50.8	1.5	2.0	450g



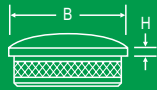
PERPENDICULAR JOINER "FLUSH FITTING" "HEAVY DUTY" AISI 316

- Join posts to a horizontal h/rail or join horizontal h/rail to vertical posts
- Fix joiners to the top h/rail with screws or rivets through the underneath internal
- Contains 2mm wall thickness (bottom only) for applications requiring additional strength
- Ideal for corner/intermediate posts where tension is imposed on more than one side

Code	Tube	Wall	B	C	D	H	R	Wgt
TWT-2027A	2"	1.5/2.0mm	50.8	2.0	31	55	2"	104g



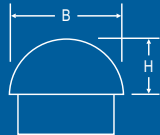
Heavy duty
components are
ideal for corner
posts



END CAP "SELF GRIP" AISI 316

- A popular cast, intermediate dome cap with knurled grip for fit into tube

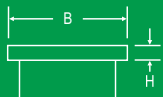
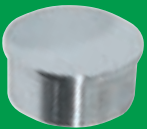
Code	Tube Ø	Wall	B	H	Wgt
1517A	1 1/2"	1.5mm	38.1	2.5	65g
2017A	2"	1.5mm	50.8	2.5	125g



END CAP "DOME" AISI 316

- A popular cast dome cap, used for handrail ends or freestanding post tops

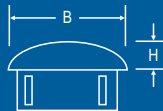
Code	Tube Ø	Wall	B	H	Wgt
1018A	1"	1.5mm	25.4	13	30g
1518A	1 1/2"	1.5mm	38.1	19	65g
2018A	2"	1.5mm	50.8	25	150g



END CAP "FLAT" AISI 316

- A popular cast true flat end cap, used for handrail ends or freestanding post tops

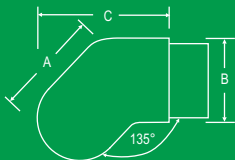
Code	Tube Ø	Wall	B	H	Wgt
1019A	1"	1.5mm	25.4	1.8	20g
1519A	1 1/2"	1.5mm	38.1	3.5	50g
2019A	2"	1.5mm	50.8	4.0	85g



END CAP "LIGHT KNOCK-IN" AISI 316

- Attractive self holding, slightly domed end cap
- A soft faced hammer is used to tap these in place
- Suitable for handrail ends or freestanding post tops

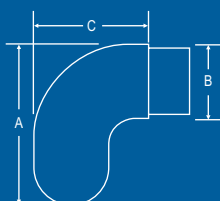
CODE	Tube Ø	Wall	B	H	Wgt
1030A	1"	1.5mm	25.4	4.0	10g
1530A	1 1/2"	1.5mm	38.1	6.0	15g
2030A	2"	1.5mm	50.8	8.0	30g



HANDRAIL END "45°" AISI 316

- A 45° cast handrail end mainly used for stairway handrail terminations

Code	Tube Ø	Wall	A	B	C	Wgt
2025A	2"	1.5mm	70	50.8	83	400g



HANDRAIL END "90°" AISI 316

- A 90° cast handrail end mainly used for stairway handrail terminations

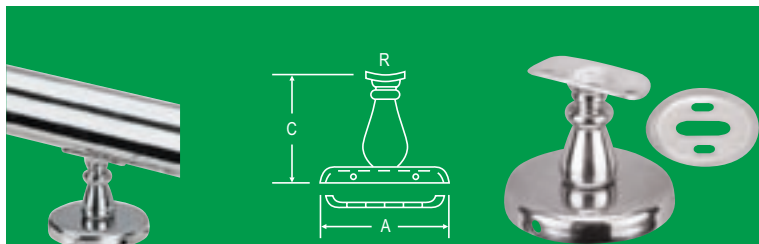
Code	Tube Ø	Wall	A	B	C	Wgt
2026A	2"	1.5mm	89	50.8	70	420g



HANDRAIL SUPPORT "RADIUSED" AISI 304

- Concealed base handrail support with radiused top
- Designed to be mounted on top of a nub wall, vertical wall or floor

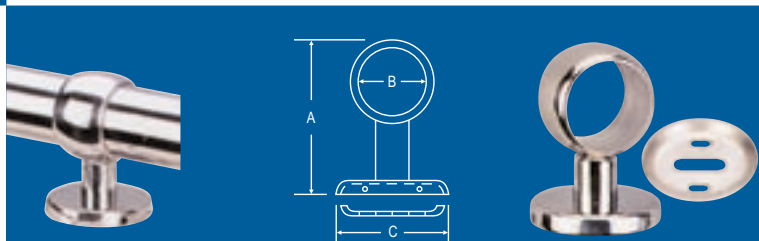
Code	Tube Ø	A	C	R	Wgt
1540A	1 1/2"	76	57	1 1/2"	200g
2040A	2"	76	57	2"	252g



PARAPET RAIL SUPPORT "CENTRE SUPPORT" AISI 304

- Concealed base handrail centre support
- Designed to be mounted on top of a nub wall, vertical wall or floor

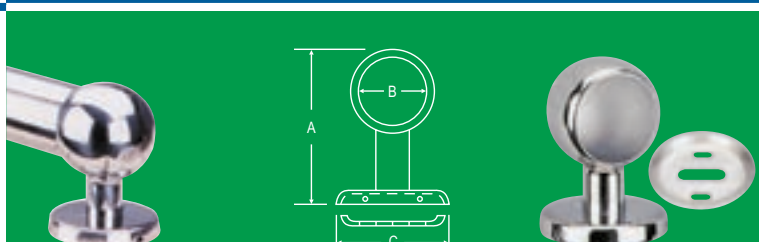
Code	Tube Ø	A	B	C	Wgt
1558A	1 1/2"	100	38.1	78	265g
2058A	2"	100	50.8	78	296g



PARAPET RAIL SUPPORT "END SUPPORT" AISI 304

- Concealed base handrail end support
- Designed to be mounted on top of a nub wall, vertical wall or floor

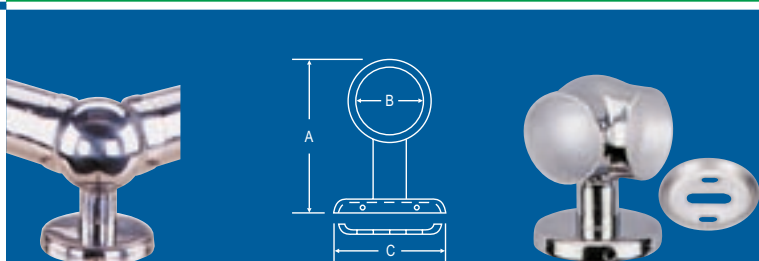
Code	Tube Ø	A	B	C	Wgt
1559A	1 1/2"	100	38.1	78	278g
2059A	2"	100	50.8	78	309g



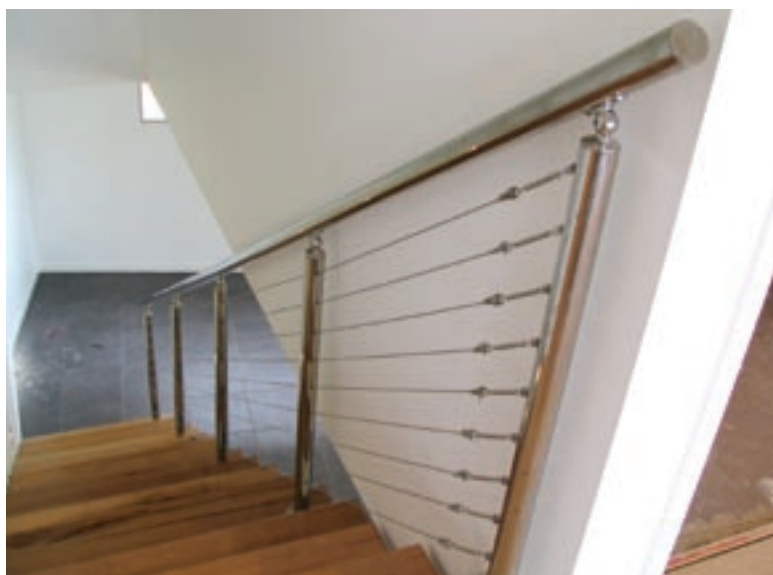
PARAPET RAIL SUPPORT "CORNER SUPPORT" AISI 304

- Concealed base handrail corner support
- Designed to be mounted on top of a nub wall or floor to achieve a 90° corner

Code	Tube Ø	A	B	C	Wgt
1560A	1 1/2"	100	38.1	78	288g
2060A	2"	100	50.8	78	315g



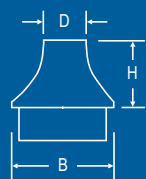
Combine
balustrading
with handrail
systems for
stunning indoor
and outdoor
settings





BALL 2 1/2" W/NUT & THREAD AISI 316

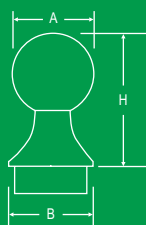
Code	A	T	L	Wgt
2021B	63	M10	18	121g



HANDRAIL "EXIT" AISI 316

- Connect to ball (2021B) with blind rivet nut & cap screw to create any stairway angle

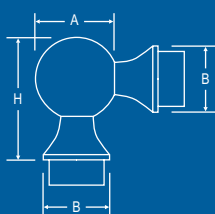
Code	Tube Ø	Wall	B	H	D	Wgt
2021X	2"	1.5mm	50.8	29	25	115g



BALL TYPE JOINER "CAP" AISI 316

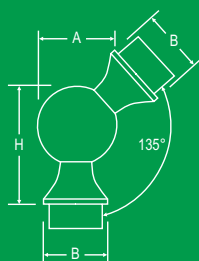
- Connect 2021X to this item with blind rivet nut and cap screw to create any stairway angle

Code	Tube Ø	Wall	A	B	H	Wgt
2001C	2"	1.5mm	63	50.8	88	236g



BALL TYPE JOINER "90°" AISI 316

Code	Tube Ø	Wall	A	B	H	Wgt
2002C	2"	1.5mm	63	50.8	88	365g



BALL TYPE JOINER "135°" AISI 316

Code	Tube Ø	Wall	A	B	H	Wgt
2003C	2"	1.5mm	63	50.8	88	365g



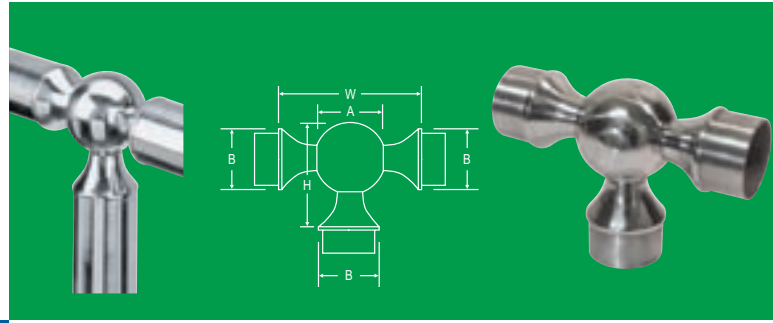
BALL TYPE JOINER "IN-LINE" AISI 316

Code	Tube Ø	Wall	A	B	H	Wgt
2004C	2"	1.5mm	63	50.8	114	365g



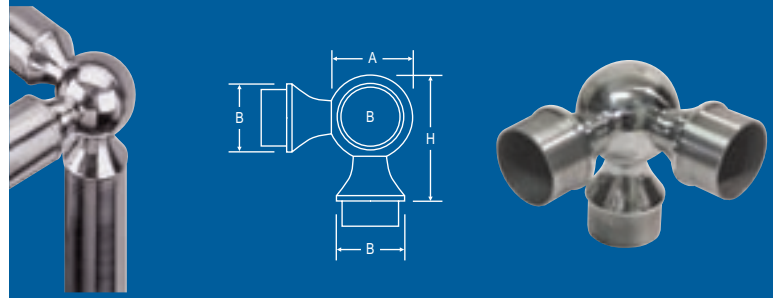
BALL TYPE JOINER "TEE" AISI 316

Code	Tube Ø	Wall	A	B	H	W	Wgt
2005C	2"	1.5mm	63	50.8	88	114	500g



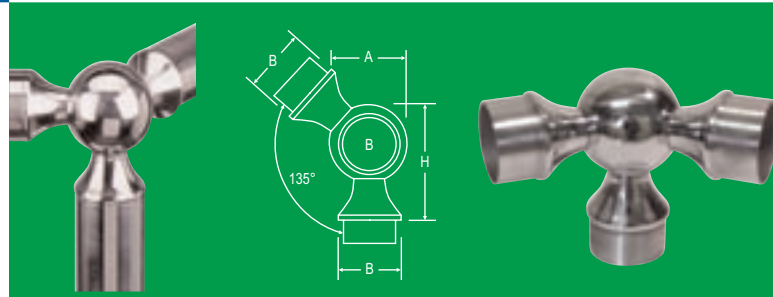
BALL TYPE JOINER "90 ° TEE" AISI 316

Code	Tube Ø	Wall	A	B	H	Wgt
2006C	2"	1.5mm	63	50.8	88	500g



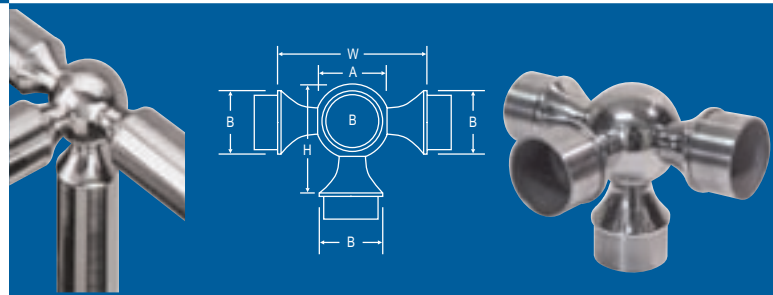
BALL TYPE JOINER "135° TEE" AISI 316

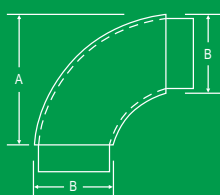
Code	Tube Ø	Wall	A	B	H	Wgt
2007C	2"	1.5mm	63	50.8	88	500g



BALL TYPE JOINER "4-WAY TEE" AISI 316

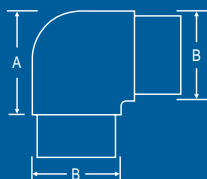
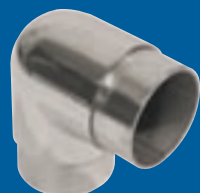
Code	Tube Ø	Wall	A	B	H	W	Wgt
2008C	2"	1.5mm	63	50.8	88	114	630g





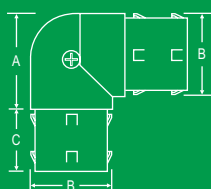
FLUSH JOINER "90°" RADIUSED AISI 316

Code	Tube Ø	Wall	A	B	Wgt
1501E	1 1/2"	1.5mm	66	38.1	271g
2001E	2"	1.5mm	66	50.8	385g



FLUSH JOINER "90°" AISI 316

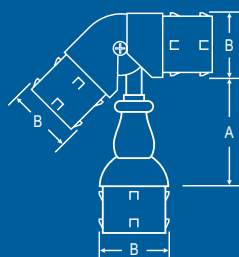
Code	Tube Ø	Wall	A	B	Wgt
1002E	1"	1.5mm	38	25.4	102g
1502E	1 1/2"	1.5mm	51	38.1	230g
2002E	2"	1.5mm	57	50.8	340g



FLUSH JOINER "ADJUSTABLE" AISI 316

- Flexible joiner used for stairway handrails or angled handrail
- Adjusts from 90° to 180°

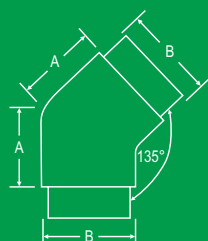
Code	Tube Ø	Wall	A	B	C	Wgt
349E-1.5	1 1/2"	1.5mm	41	38.1	29	225g
349E-2	2"	1.5mm	57	50.8	38	485g



FLUSH JOINER 3-WAY "ADJUSTABLE" AISI 304

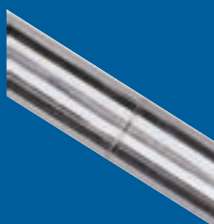
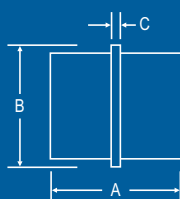
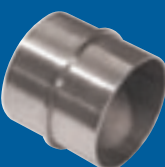
- Flexible joiner used for stairway handrails or angled handrail
- Adjusts from 120° to 180°

Code	Tube Ø	Wall	A	B	Wgt
334E	2"	1.5mm	73	50.8	650g



FLUSH JOINER "135°" AISI 316

Code	Tube Ø	Wall	A	B	Wgt
1003E	1"	1.5mm	22	25.4	92g
1503E	1 1/2"	1.5mm	41	38.1	200g
2003E	2"	1.5mm	45	50.8	285g



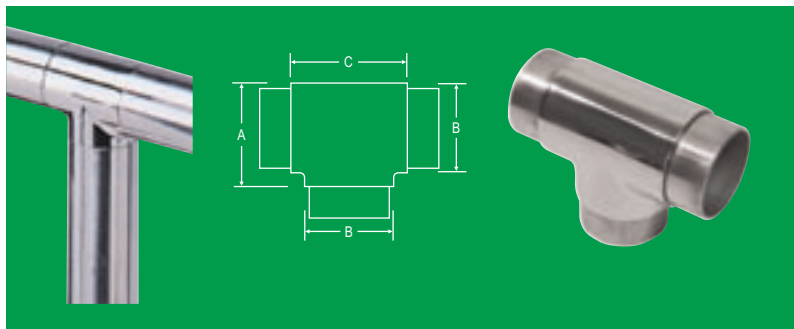
FLUSH JOINER "IN-LINE" AISI 316

Code	Tube Ø	Wall	A	B	C	Wgt
1004E	1"	1.5mm	38	25.4	3.0	30g
1504E	1 1/2"	1.5mm	51	38.1	3.0	48g
2004E	2"	1.5mm	54	50.8	3.0	120g



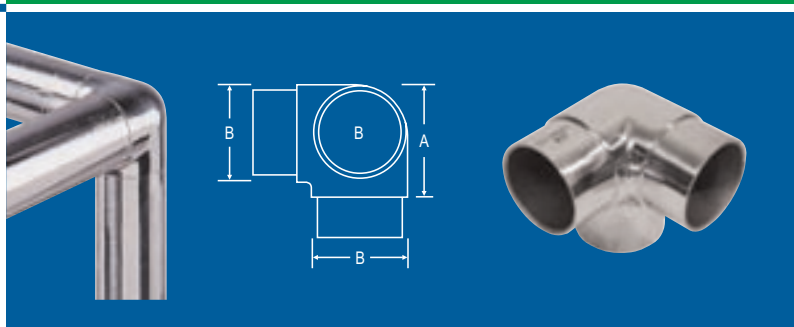
FLUSH JOINER "TEE" AISI 316

Code	Tube Ø	Wall	A	B	C	Wgt
1005E	1"	1.5mm	36	25.4	45	140g
1505E	1 1/2"	1.5mm	51	38.1	60	290g
2005E	2"	1.5mm	57	50.8	67	450g



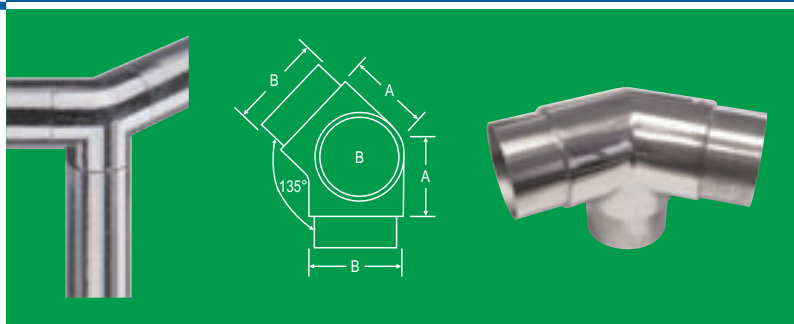
FLUSH JOINER "90° TEE" AISI 316

Code	Tube Ø	Wall	A	B	Wgt
1006E	1"	1.5mm	38	25.4	140g
1506E	1 1/2"	1.5mm	51	38.1	275g
2006E	2"	1.5mm	57	50.8	435g



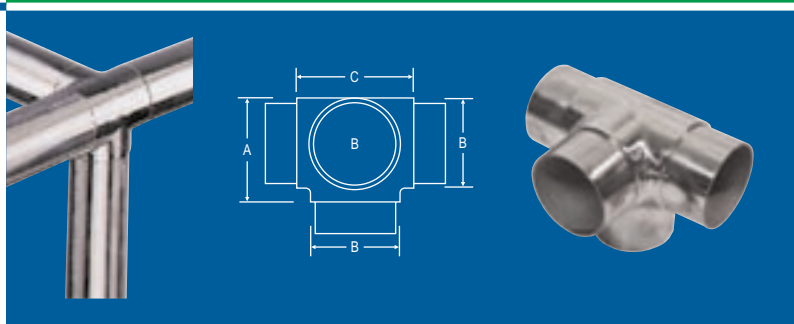
FLUSH JOINER "135° TEE" AISI 316

Code	Tube Ø	Wall	A	B	Wgt
1507E	1 1/2"	1.5mm	41	38.1	340g
2007E	2"	1.5mm	45	50.8	500g



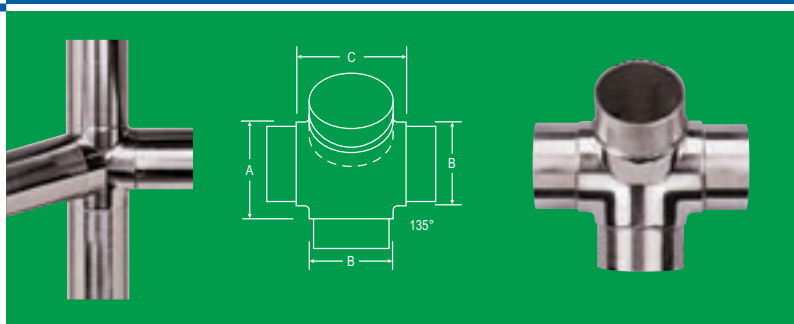
FLUSH JOINER "4-WAY TEE" AISI 316

Code	Tube Ø	Wall	A	B	C	Wgt
1508E	1 1/2"	1.5mm	51	38.1	60	300g
2008E	2"	1.5mm	57	50.8	67	560g



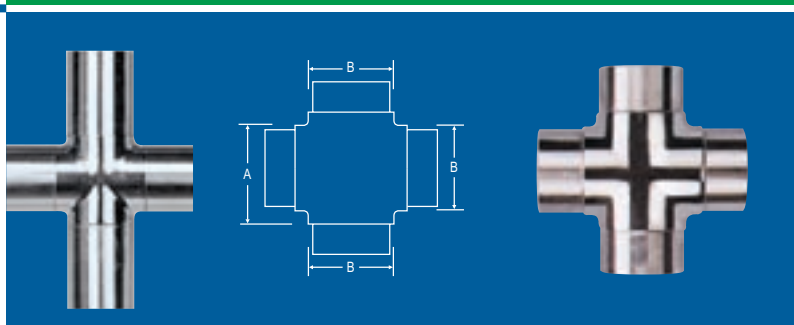
FLUSH JOINER 135° "STAR" AISI 316

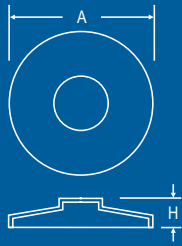
Code	Tube Ø	Wall	A	B	C	Wgt
1509E	1 1/2"	1.5mm	51	38.1	60	350g
2009E	2"	1.5mm	57	50.8	67	500g



FLUSH JOINER 4-WAY "STAR" AISI 316

Code	Tube Ø	Wall	A	B	Wgt
1510E	1 1/2"	1.5mm	60	38.1	390g
2010E	2"	1.5mm	67	50.8	460g

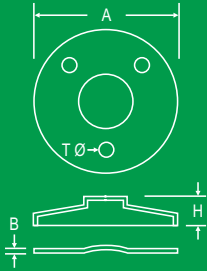




ROUND COVER PLATE ONLY AISI 316

- Self holding cover plate
- Suitable for posts/handrails which are set into a surface or over a fixed base plate

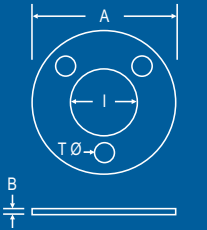
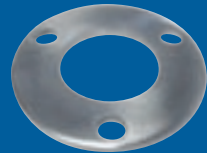
Code	Tube Ø	A	H	Wgt
1401BC	1 ½"	92	20	40g
2001BC	2"	110	20	55g



ROUND BASE PLATE WITH COVER (WELD) AISI 316

- A sheet material round base plate with self holding cover
- This item is suited for intermediate handrail posts and requires welding

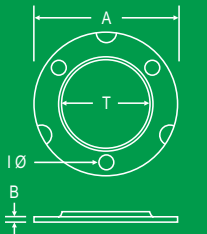
Code	Tube Ø	A	B	H	T	Grade	Wgt
1001C	1"	72	2.0	20	10.5	AISI 304	75g
1401C	1 ½"	92	2.0	20	10.5	AISI 304	125g
2001B	2"	110	2.0	20	10.5	AISI 316	177g
2401C	2 ½"	120	2.5	25	10.5	AISI 304	255g
3001C	3"	135	3.0	31	10.5	AISI 304	370g



ROUND BASE PLATE HEAVY DUTY (WELD) AISI 316

- "3" Hole Base Plate For Commercial And Structural Applications
- Satin surface finish
- Clip on cover also available (2001A-C)
- This item must be welded

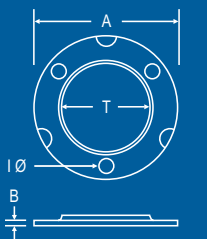
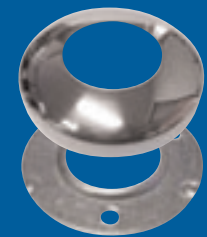
Code	Tube Ø	A	B	T	I	Wgt
2001D	2"	100	6.0	12.5	51	249g



ROUND BASE PLATE ONLY (WELD) AISI 304

- "3" Hole base plate in mill surface finish
- This item must be welded

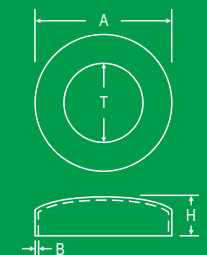
Code	Tube Ø	A	B	I	T	Wgt
0501A-B	½"	65	2.0	6.5	13.0	51g
1001A-B	1"	65	2.0	6.5	25.5	44g
1501A-B	1 ½"	80	2.0	6.5	38.3	59g
2001A-B	2"	100	3.0	8.5	51.0	129g



ROUND BASE PLATE W/COVER (WELD) AISI 316

- "3" Hole base plate with clip on cover
- This item must be welded
- Mirror polished cover plate

Code	Tube Ø	A	B	I	T	Wgt
0501A	½"	65	2.0	6.5	13.0	81g
1001A	1"	65	2.0	6.5	25.5	72g
1501A	1 ½"	80	2.0	6.5	38.3	100g
2001A	2"	100	3.0	8.5	50.1	217g



ROUND COVER PLATE ONLY AISI 316

- Domed cover plate
- Suits posts/handrails which are set into a surface or over a fixed base plate

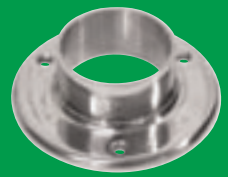
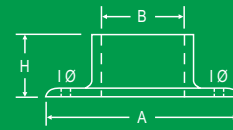
Code	Tube Ø	A	B	H	T	Finish	Wgt
0501A-C	½"	67	0.80	15	13.1	Mirror	30g
1001A-C	1"	67	0.80	15	25.8	Mirror	28g
1501A-C	1 ½"	82	0.80	17	38.4	Mirror	41g
2001A-C	2"	102	0.80	26	51.2	Mirror	88g
2001A-C-2	2"	102	0.80	26	51.2	Satin	88g



ROUND BASE PLATE/FLANGE AISI 316

- Popular heavy duty cast three hole base plate
- Suitable for fixing posts to flooring or handrails to walls or posts

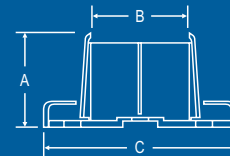
Code	Tube Ø	A	B	H	I	Wgt
1016A	1"	70	25.4	25	5.0	115g
1516A	1 ½"	76	38.1	25	5.0	170g
2016A	2"	102	50.8	31	6.5	315g



ROUND ADJUSTABLE HEAVY DUTY BASE PLATE AISI 316

- Height adjustable concealed heavy duty base plate
- Self-holding fins that grip onto the outside of the tube

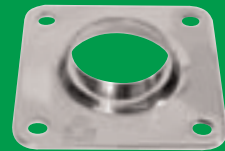
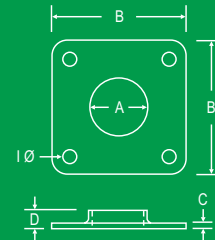
Code	Tube Ø	A	B	C	Wgt
1099A	1"	35	25.4	67	170g
1599A	1 ½"	45	38.1	83	360g
2099A	2"	48	50.8	101	495g



SQUARE BASE PLATE HEAVY DUTY (WELD) AISI 304

- Square, heavy duty "4" hole sheet type material base plate
- Suitable for commercial or domestic use where the need for strength is an issue
- This item requires welding to the underneath side of the plate

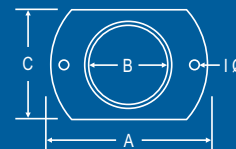
Code	Tube Ø	A	B	C	D	I	Wgt
1402S	1 ½"	38.4	110	3.0	17	10.5	260g
2002S	2"	51.0	110	4.0	19	10.5	330g
2402S	2 ½"	64.2	127	4.0	24	10.5	455g
3002S	3"	77.0	143	5.0	26	10.5	630g



OBLONG BASE PLATE/FLANGE AISI 316

- Heavy duty cast "2" hole slab base
- Suitable for fixing handrails in between timber, masonry or steel posts
- May also be used for floor mounting where space is limited

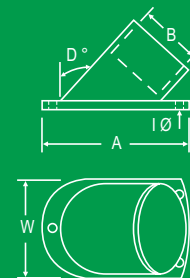
Code	Tube Ø	A	B	C	I	Wgt
1014A	1"	70	25.4	40	5.0	85g
1514A	1 ½"	75	38.1	56	5.0	140g
2014A	2"	100	50.8	69	6.5	255g



WALL STOP FLANGE AISI 316

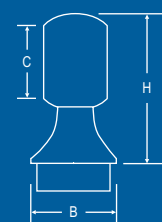
- "3" hole cast angled flange (please specify stairway angle when ordering)
- Suitable for fixing handrails down stairways between timber, masonry or steel posts
- Flange can be turned 180° to complete the stairway handrail

Code	Tube Ø	D	A	B	W	I	Wgt
1515B	1 ½"	32°	97	38.1	64	6.5	205g
2015A	2"	45°	130	50.8	70	7.0	260g
2015C	2"	37°	110	50.8	70	6.0	260g



PERPENDICULAR JOINER THROUGH RING AISI 316

Code	Tube Ø	B	C	H	Wgt
2013A	2"	50.8	50.8	89	230g



PERPENDICULAR JOINER "FLUSH FITTING" AISI 316

- Join posts to a horizontal h/rail or join horizontal h/rails to vertical posts
- All joiners are radiused to suit the top handrail as below specifications
- Fix joiners to the top h/rail with screws or rivets through the underneath internal

Code	Tube Ø	Wall	B	D	H	R	Wgt
1027A	1"	1.5mm	25.4	7	30	1"	40g
1027A-1.5	1"	1.5mm	25.4	7	30	1 ½"	40g
1027A-2	1"	1.5mm	25.4	7	30	2"	40g
1527A-1.5	1 ½"	1.5mm	38.1	15	41	1 ½"	89g
1527A-2	1 ½"	1.5mm	38.1	15	41	2"	89g
2027A	2"	1.5mm	50.8	32	57	2"	156g

PERPENDICULAR JOINER "EXTERNAL CAP" AISI 316

- Suitable for joining vertical posts to horizontal handrails
- The external fit negates the need for a true flat tube cut

Code	Tube Ø	A	B	H	R	Wgt
313A-1/2	½"	15.8	13.1	9.3	2"	6g
313A-1	1"	28.5	25.8	17	2"	23g
313A-1.5-1.5	1 ½"	43.0	39.0	25	1 ½"	46g
313A-1.5	1 ½"	43.0	39.0	25	2"	46g
313A-2	2"	55.0	51.5	39	2"	101g

PERP. JOINER EXPANDING CAGE "EXTERNAL FIT" AISI 316

- External fit joiner cap and expanding internal cage
- Suitable for joining posts to handrails or mid rails to posts
- Insert the cage into the tube, hold the cap and turn the post until the cap is tight
- The external fit negates the need for a true flat tube cut

Code	Tube Ø	A	B	H	R	Wgt
313AL-1	1"	28.5	25.8	17	2"	41g
313AL-1.5-1.5	1 ½"	43.0	39.0	25	1 ½"	98g
313AL-1.5	1 ½"	43.0	39.0	25	2"	98g
313AL-2	2"	55.0	51.5	39	2"	188g

PERPENDICULAR JOINER "37° EXTERNAL CAP" AISI 316

- Suitable for joining vertical posts to angled stairway handrails
- The external fit negates the need for a true flat tube cut

Code	Tube Ø	A	B	H	R	Wgt
314A-1	1"	28.5	25.8	32	2"	34g
314A-1.5-1.5	1 ½"	42.0	38.8	44	1 ½"	91g
314A-1.5-2	1 ½"	42.0	38.8	44	2"	91g
314A-2	2"	56.0	51.4	56	2"	188g

PERP. JOINER EXPANDING "37° EXTERNAL CAP" AISI 316

- Suitable for joining vertical posts to angled stairway handrails
- The external fit negates the need for a true flat tube cut

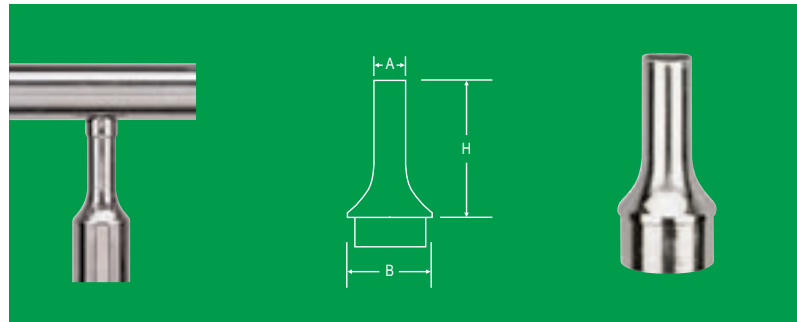
Code	Tube Ø	A	B	H	R	Wgt
314AL-1	1"	28.5	25.8	32	2"	120g
314AL-1.5-1.5	1 ½"	42.0	38.8	44	1 ½"	180g
314A-1.5-2	1 ½"	42.0	38.8	44	2"	180g
314AL-2	2"	56.0	51.4	56	2"	200g



POST REDUCER "TAPERED" AISI 316

- Flush fitting slimline post top reducer for a decorative look
- Use with 313AL-1 or 1027A to join to horizontal h/rail or 314AL-1 to a stairway h/rail
- If using a timber top rail use a 1014A

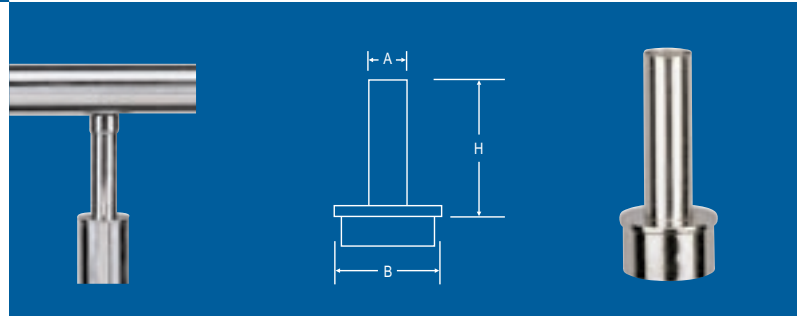
Code	Tube Ø	Wall	A	B	H	Wgt
1520A	1 1/2"	1.5mm	3/4"	38.1	81	118g
2020A	2"	1.5mm	1"	50.8	81	194g



POST REDUCER "FLAT" AISI 316

- Flush fitting slimline post top reducer for a decorative look
- Use with 313AL-1 or 1027A to join to horizontal h/rail or 314AL-1 to a stairway h/rail
- If using a timber top rail use a 1014A

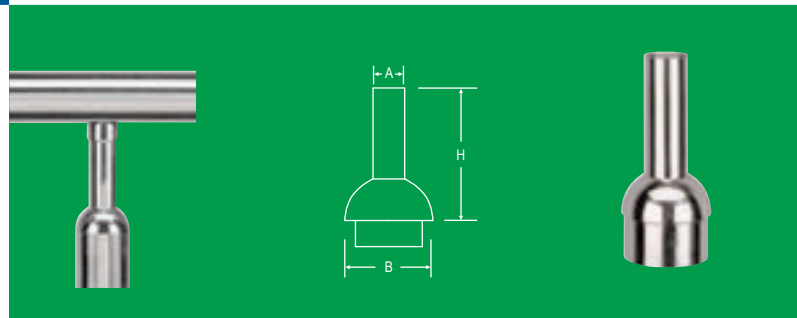
Code	Tube Ø	Wall	A	B	H	Wgt
1522A	1 1/2"	1.5mm	3/4"	38.1	87.5	84g
2022A	2"	1.5mm	1"	50.8	87.5	167g

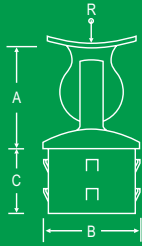


POST REDUCER "DOME" AISI 316

- Flush fitting dome post top reducer for a decorative look
- Use with 313AL-1 or 1027A to join to horizontal h/rail or 314AL-1 to a stairway h/rail
- If using a timber top rail use a 1014A

Code	Tube Ø	Wall	A	B	H	Wgt
1512A	1 1/2"	1.5mm	3/4"	38.1	87.5	112g
2012A	2"	1.5mm	1"	50.8	87.5	207g

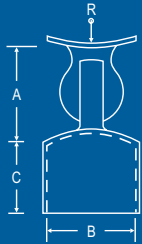




ADJ. RAIL SUPPORT RADIUSUED "INTERNAL FIT" AISI 316

- Fully adj. handrail support for fixing stairway posts to angled round handrails
- External spring leaves grip tube internal for extreme hold and easy installation

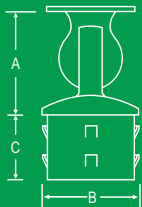
Code	Tube Ø	Wall	A	B	C	R	Wgt
315A-1	1"	1.5mm	32	25.4	19	1"	66g
315A-1-1.5	1"	1.5mm	32	25.4	19	1 1/2"	66g
315A-1-2	1"	1.5mm	32	25.4	19	2"	66g
315A-1.5	1 1/2"	1.5mm	45	38.1	29	1 1/2"	161g
315A-1.5-2	1 1/2"	1.5mm	45	38.1	29	2"	161g
315A-2	2"	1.5mm	51	50.8	32	2"	320g



ADJ. RAIL SUPPORT RADIUSUED "EXTERNAL FIT" AISI 316

- Fully adj. handrail support for fixing stairway posts to angled round handrails
- Internal ribs negate the need for welding or a true end cut of the tube

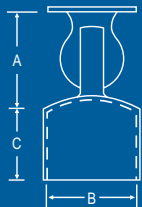
Code	Tube Ø	Wall	A	B	C	R	Wgt
316A-1	1"	1.5mm	32	25.4	19	1"	80g
316A-1-2	1"	1.5mm	32	25.4	19	2"	80g
316A-2	2"	1.5mm	51	50.8	32	2"	302g



ADJ. RAIL SUPPORT FLAT "INTERNAL FIT" AISI 316

- Fully adj. handrail support for fixing stairway posts to angled flat handrails
- External spring leaves grip tube internal for extreme hold and easy installation

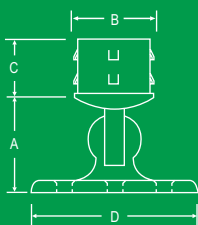
Code	Tube Ø	Wall	A	B	C	Wgt
315AP-1	1"	1.5mm	32	25.4	19	75g
315AP-1.5	1 1/2"	1.5mm	45	38.1	29	157g
315AP-2	2"	1.5mm	51	50.8	32	299g



ADJ. RAIL SUPPORT FLAT "EXTERNAL FIT" AISI 316

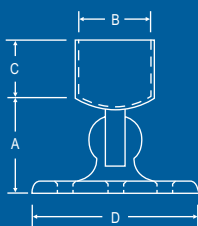
- Fully adj. handrail support for fixing stairway posts to angled flat handrails
- Internal ribs negate the need for welding or a true end cut of the tube

Code	Tube Ø	Wall	A	B	C	Wgt
316AP-2	2"	1.5mm	51	50.8	32	288g



ADJ. RAIL SUPPORT ROUND BASE "INTERNAL FIT" AISI 316

Code	Tube Ø	Wall	A	B	C	D	Wgt
315AC-1	1"	1.5mm	32	25.4	19	60	140g
315AC-1.5	1 1/2"	1.5mm	38	38.1	22	76	370g
315AC-2	2"	1.5mm	51	50.8	26	101	600g



ADJ. RAIL SUPPORT ROUND BASE "EXTERNAL FIT" AISI 316

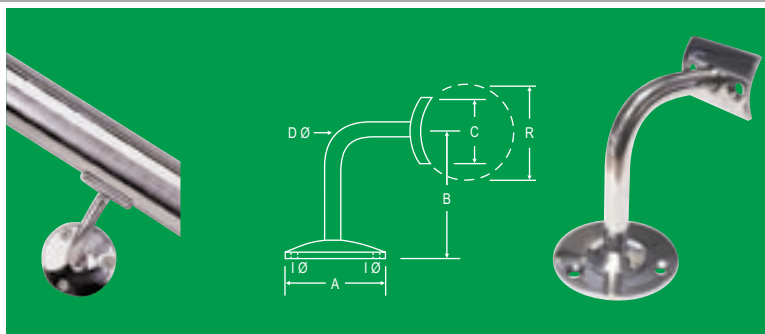
Code	Tube Ø	Wall	A	B	C	D	Wgt
316AC-1	1"	1.5mm	32	25.4	19	60	140g
316AC-2	2"	1.5mm	51	50.8	26	101	600g



HANDRAIL SUPPORT "RADIUSUED" AISI 306

- Three hole handrail support designed for fixing to any type of wall
- Radiusued top with countersunk holes allows a handrail to be attached without the need for welding

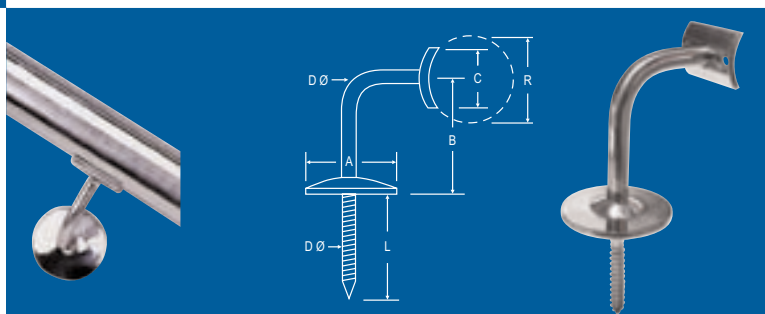
Code	A	B	C	D	I	R	Wgt
1528A	63	85	31	12	5.5	1 1/2"	247g
2028A	63	85	31	12	5.5	2"	247g



H/RAIL SUPPORT W/- COACH SCREW "RADIUSUED" AISI 316

- Coach screw fix handrail support designed for fixing into timber stud wall
- Radiusued top with countersunk holes allows a handrail to be attached without the need for welding

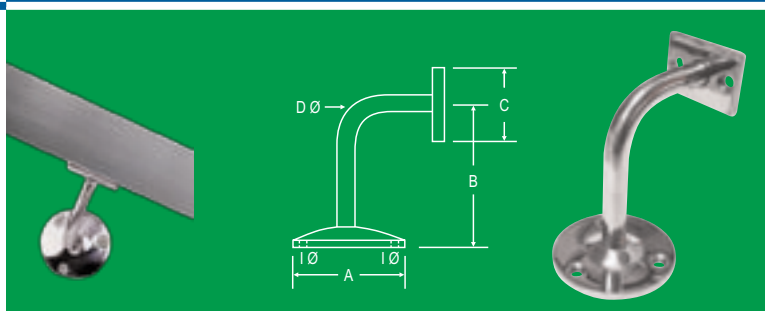
Code	A	B	C	D	L	R	Wgt
1528A-S	63	85	31	12	50	1 1/2"	280g
2028A-S	63	85	31	12	40	2"	280g



HANDRAIL SUPPORT "FLAT TOP" AISI 316

- Three hole handrail support designed for fixing to any type of wall
- Flat top with countersunk holes allows a handrail to be attached without the need for welding

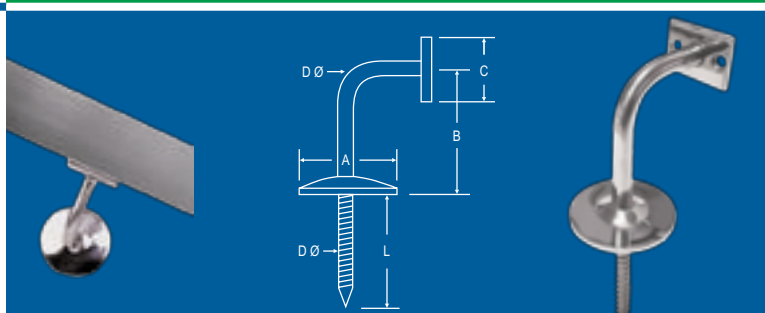
Code	A	B	C	D	I	Wgt
2029A	63	85	31	12	5.5	243g



H/RAIL SUPPORT W/- COACH SCREW "FLAT TOP" AISI 316

- Coach screw fix handrail support designed for fixing into timber stud wall
- The flat top with countersunk holes allows a handrail to be attached without the need for welding

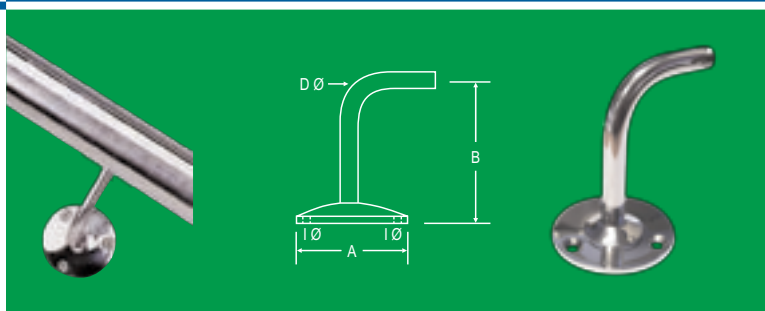
Code	A	B	C	D	L	Wgt
2029A-S	63	85	31	12	60	280g



HANDRAIL SUPPORT W/OUT TOP AISI 316

- Three hole handrail support designed for fixing to any type of wall
- Unradiusued fitting allows any handrail to be welded or fastened to the bracket

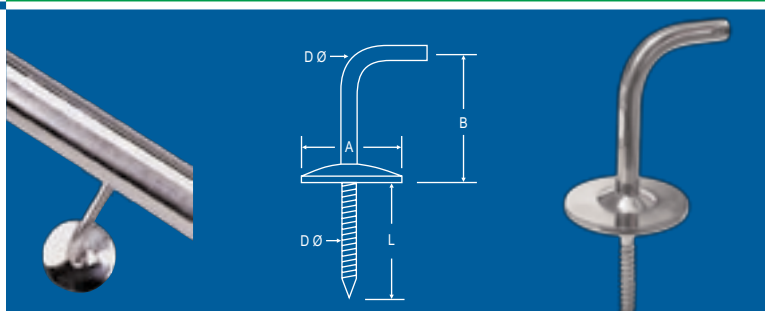
Code	A	B	D	I	Wgt
2028A-B	63	85	12	5.5	235g



H/RAIL SUPP. W/- COACH SCREW W/OUT TOP AISI 316

- Coach screw fix handrail support designed for fixing into timber stud wall
- Unradiusued fitting allows any handrail to be welded or fastened to the bracket

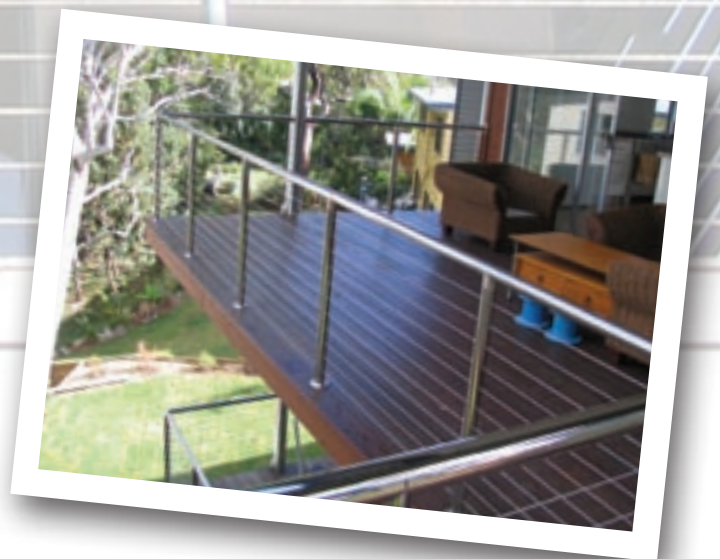
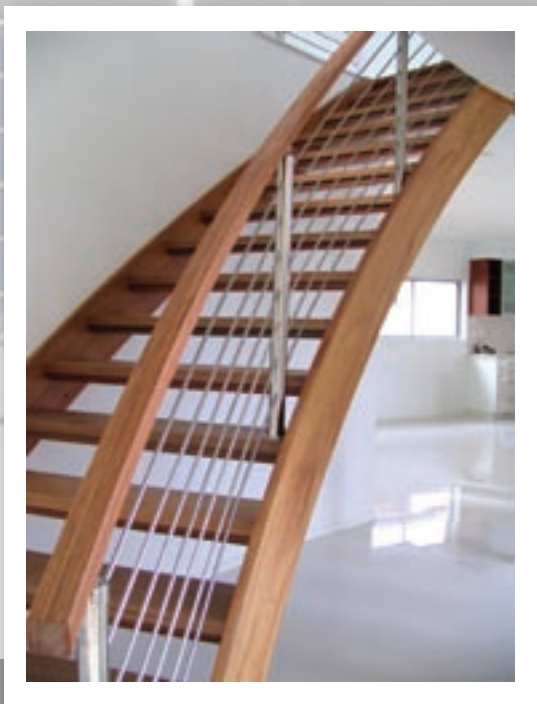
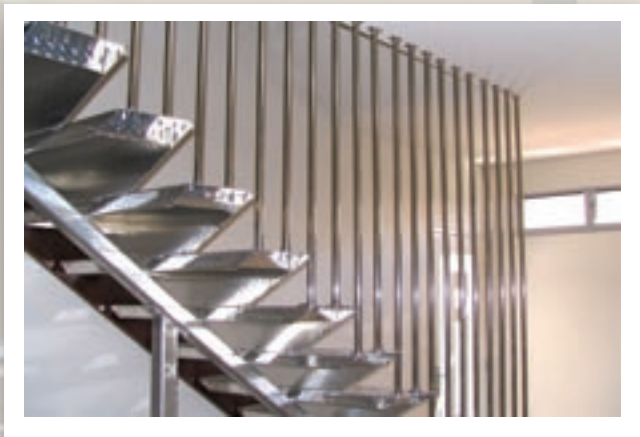
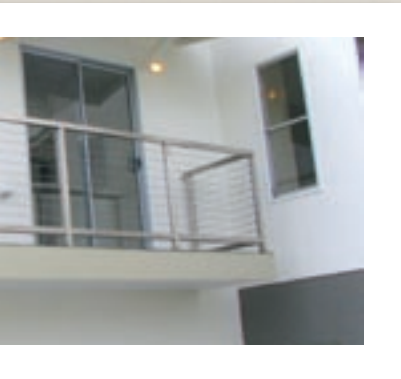
Code	A	B	D	L	Wgt
2028A-S-B	63	85	12	60	255g



Limited only by



your imagination

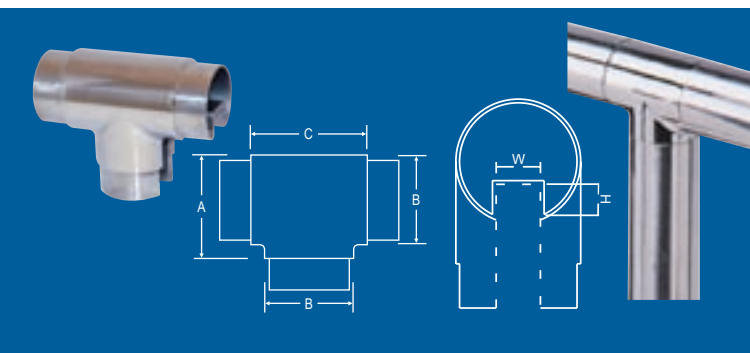




ROUND SLOTTED TUBE BLANKING STRIP AISI 316

- Cut to size and fill in any gaps to complete handrails

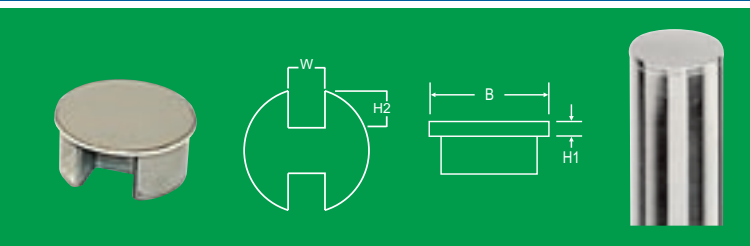
Code	Tube	Suit Slot	Wall	Polish	Length	W	Wgt
RSST-STRIP	2"	15mm	1.5mm	600g	3mtr	15	1.5kg



Flush Joiner "Tee" AISI 316

- Bottom section suits double slotted tube
- Top section suits single slotted tube

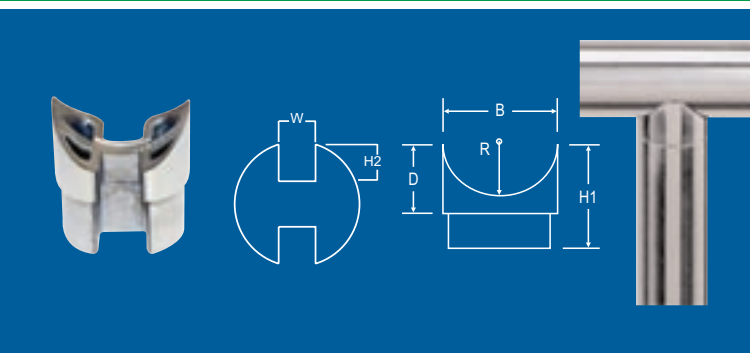
Code	Tube	Wall	A	B	C	H	W	Wgt
RDST-2005	2" dbl/single slot	1.5mm	67	50.8	74	15	18	742g



End Cap "Flat" AISI 316

- Use for handrail ends or freestanding post tops

Code	Tube	Wall	B	H1	H2	W	Wgt
RDST-2019	2" dbl slot	1.5mm	50.8	3.0	15	18	113g



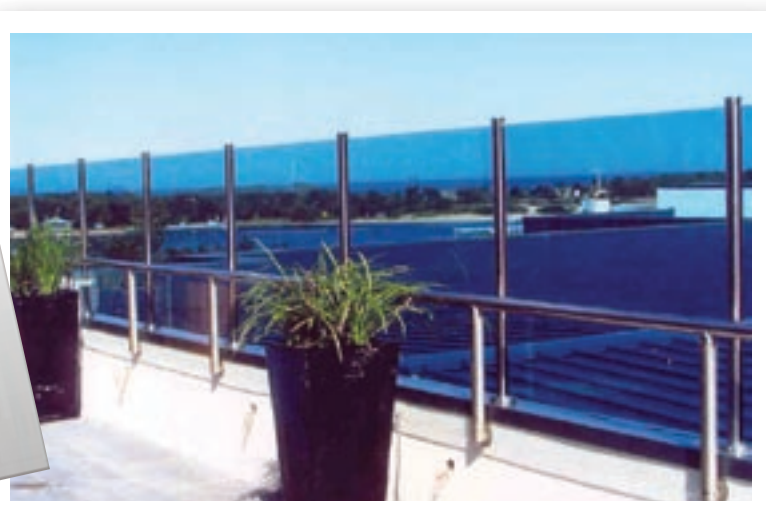
Perpendicular Joiner "Flush Fitting" AISI 316

- Join posts to a horizontal h/rail or join horizontal h/rail to vertical posts
- Fix joiners to the top h/rail with screws or rivets through the underneath internal

Code	Tube	Wall	B	D	H1	H2	R	W	Wgt
RDST-2027	2" dbl slot	1.5mm	50.8	30	53	15	2"	18	195g



Glass
balustrading
is made easy
with our range
of slotted tube
fittings

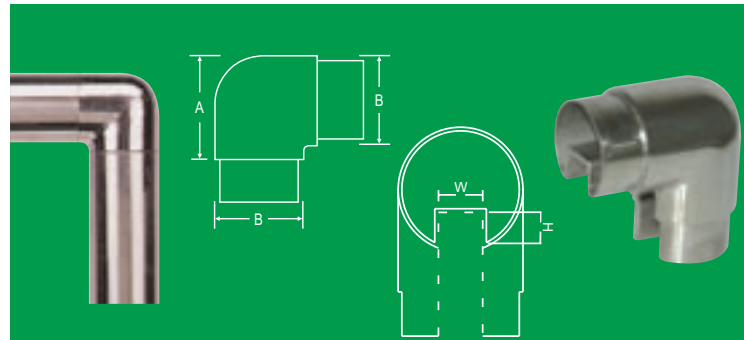




SLOTTED FITTINGS

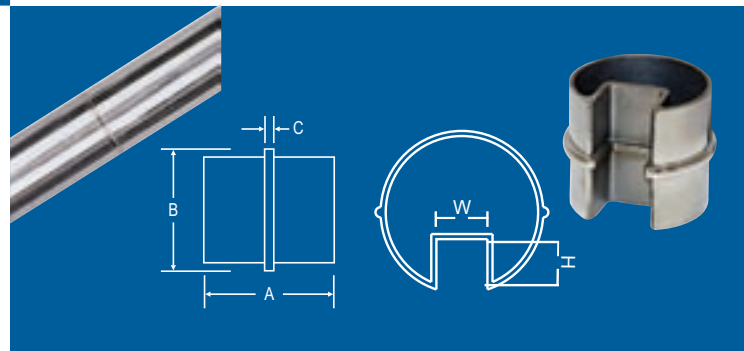
FLUSH JOINER "90°" AISI 316

Code	Tube	Wall	A	B	H	W	Wgt
RSST-2002	2" single slot	1.5mm	63	50.8	15	18	505g



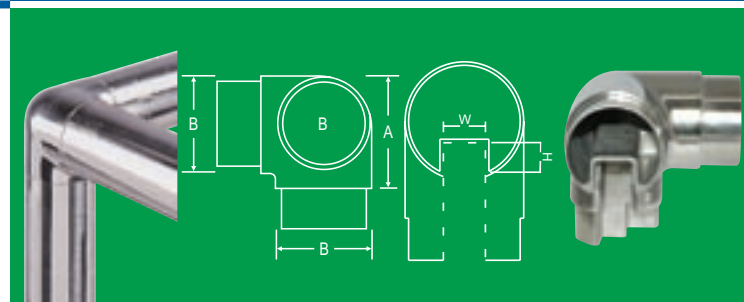
FLUSH JOINER "IN LINE" AISI 316

Code	Tube	Wall	A	B	C	H	W	Wgt
RSST-2004	2" single slot	1.5mm	43	50.8	3.0	15	18	102g



Flush Joiner "90° Tee" AISI 316

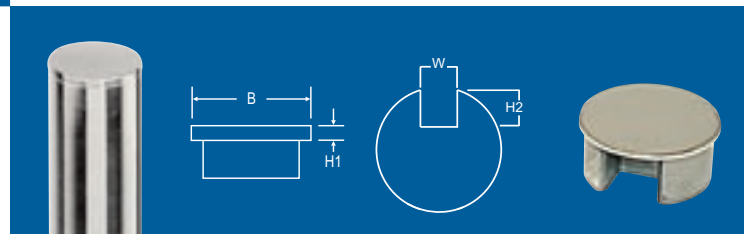
Code	Tube	Wall	A	B	H	W	Wgt
RSST-2006	2" single slot	1.5mm	66	50.8	15	18	695g



END CAP "FLAT" AISI 316

- Use for handrail ends or freestanding post tops

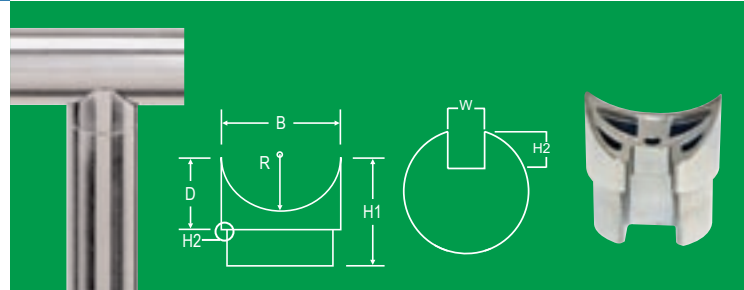
Code	Tube	Wall	B	H1	H2	W	Wgt
RSST-2019	2" single slot	1.5mm	50.8	3.0	15	18	95g

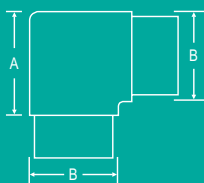
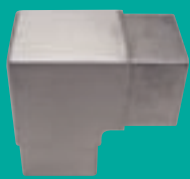


PERPENDICULAR JOINER "FLUSH FITTING" AISI 316

- Join posts to a horizontal h/rail or join horizontal h/rail to vertical posts
- Fix joiners to the top h/rail with screws or rivets through the underneath internal

Code	Tube	Wall	B	D	H1	H2	W	R	Wgt
RSST-2027	2" single slot	1.5mm	50.8	31	54	15	18	2"	151g

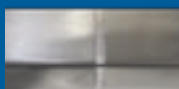
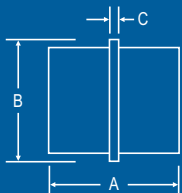
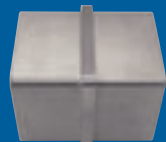




FLUSH JOINER "90°" AISI 316

- Satin (180g) finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

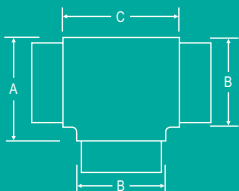
Code	Tube Ø	Wall	A	B	Wgt
ST-2002	2"	1.5mm	63	50.8	655g



FLUSH JOINER "IN-LINE" AISI 316

- Satin (180g) finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

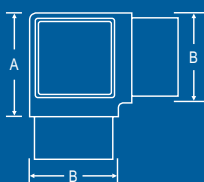
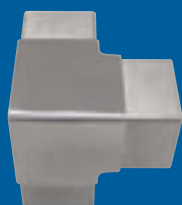
Code	Tube Ø	Wall	A	B	C	Wgt
ST-2004	2"	1.5mm	66	50.8	6.0	254g



FLUSH JOINER "TEE" AISI 316

- Satin (180g) finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

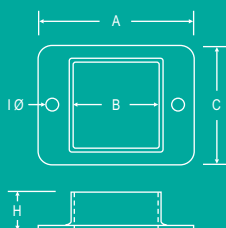
Code	Tube Ø	Wall	A	B	C	Wgt
ST-2005	2"	1.5mm	63	50.8	75	785g



FLUSH JOINER "90° TEE" AISI 316

- Satin (180g) finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

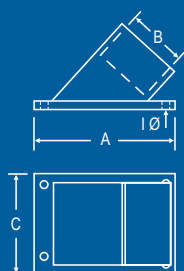
Code	Tube Ø	Wall	A	B	Wgt
ST-2006	2"	1.5mm	63	50.8	752g



OBLONG BASE PLATE/FLANGE AISI 316

- Satin (180g) finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

Code	Tube Ø	Wall	A	B	C	H	I	Wgt
ST-2014	2"	1.5mm	116	50.8	80	30	8.0	445g



WALL STOP FLANGE "37°" AISI 316

- Satin (180g) finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

Code	Tube Ø	Wall	A	B	C	I	Wgt
ST-2015	2"	1.5mm	155	51.5	80	8.0	690g

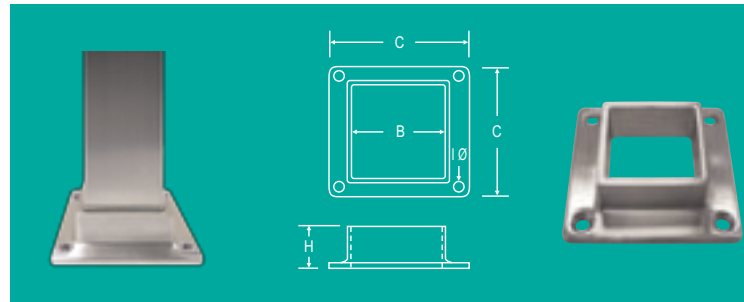


SQUARE RANGE

SQUARE BASE PLATE/FLANGE AISI 316

- Satin finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

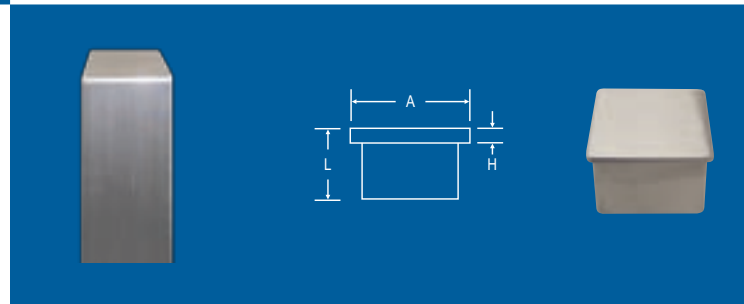
Code	Tube Ø	Wall	A	B	C	H	I	Wgt
ST-2016	2"	1.5mm	100	50.8	100	30	8.0	498g



END CAP "FLAT" AISI 316

- Satin finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

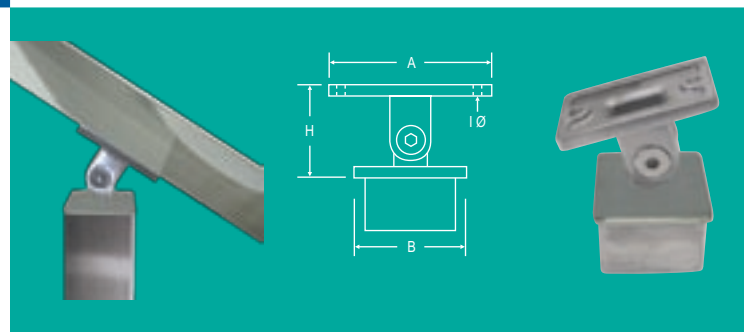
Code	Tube Ø	Wall	A	H	L	Wgt
ST-2019	2"	1.5mm	50.8	3.0	33	156g



ADJUSTABLE RAIL SUPPORT "FLAT TOP" AISI 316

- Satin finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

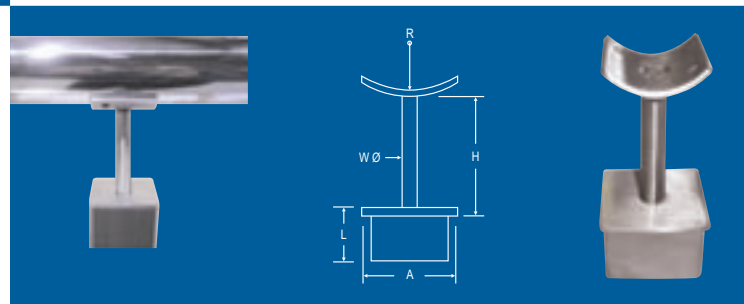
Code	Tube Ø	Wall	A	B	H	I	Wgt
ST-315AP	2"	1.5mm	66	50.8	50	6.0	375g



POST REDUCER SQUARE - ROUND "IN-LINE" AISI 316

- Reducer to allow square intermediate posts with round handrail
- Satin finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

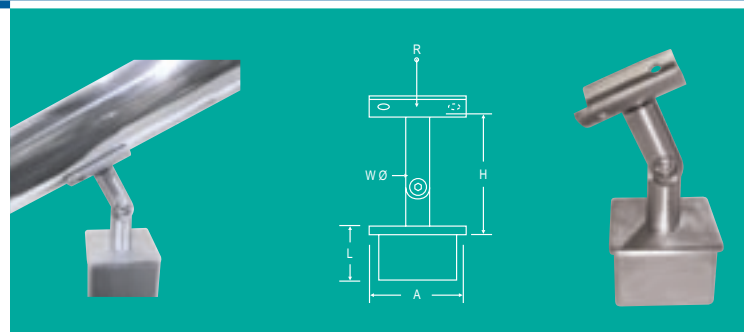
Code	Tube Ø	Wall	A	H	L	R	W	Wgt
ST-2020	2"	1.5mm	50.8	66	33	2"	12	254g



POST REDUCER SQUARE - ROUND "ADJUSTABLE" AISI 316

- Reducer to allow square posts to angled round handrail
- Satin finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

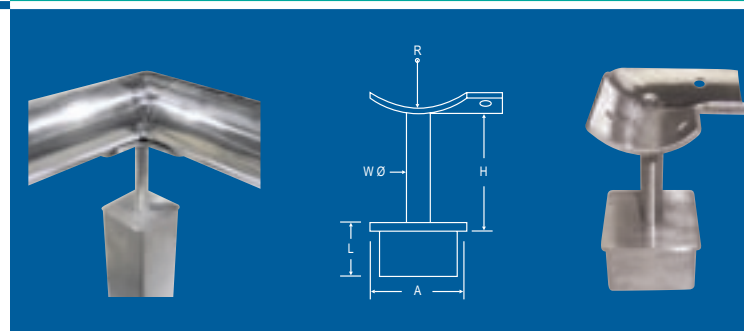
Code	Tube Ø	Wall	A	H	L	R	W	Wgt
ST-2021	2"	1.5mm	50.8	66	33	2"	16	293g

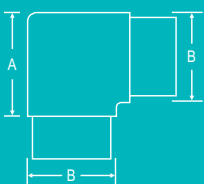
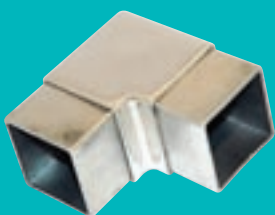


POST REDUCER SQUARE - ROUND "90° CORNER" AISI 316

- Reducer to allow square 90° corner posts to round handrail
- Satin finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

Code	Tube Ø	Wall	A	H	L	R	W	Wgt
ST-2022	2"	1.5mm	50.8	66	33	2"	12	309g

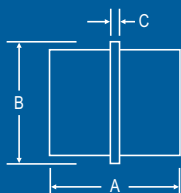
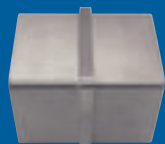




FLUSH JOINER "90°" AISI 316

- Mirror finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

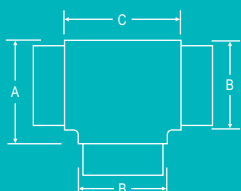
Code	Tube Ø	Wall	A	B	Wgt
MST-2002	2"	1.5mm	63	50.8	655g



FLUSH JOINER "IN-LINE" AISI 316

- Mirror finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

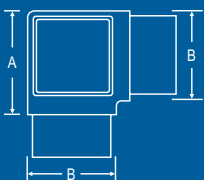
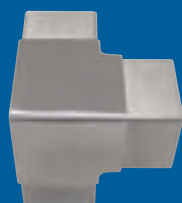
Code	Tube Ø	Wall	A	B	C	Wgt
MST-2004	2"	1.5mm	66	50.8	6.0	254g



FLUSH JOINER "TEE" AISI 316

- Mirror finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

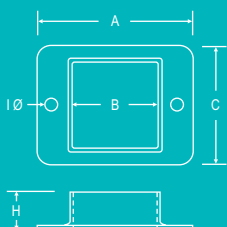
Code	Tube Ø	Wall	A	B	C	Wgt
MST-2005	2"	1.5mm	63	50.8	75	785g



FLUSH JOINER "90° TEE" AISI 316

- Mirror finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

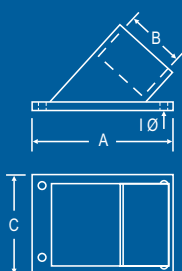
Code	Tube Ø	Wall	A	B	Wgt
MST-2006	2"	1.5mm	63	50.8	752g



OBLONG BASE PLATE/FLANGE AISI 316

- Mirror finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

Code	Tube Ø	Wall	A	B	C	H	I	Wgt
MST-2014	2"	1.5mm	116	50.8	80	30	8.0	445g



WALL STOP FLANGE "37°" AISI 316

- Mirror finish modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

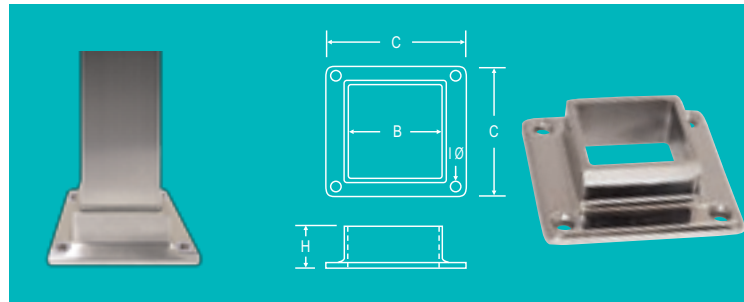
Code	Tube Ø	Wall	A	B	C	I	Wgt
MST-2015	2"	1.5mm	155	51.5	80	8.0	690g



SQUARE BASE PLATE/FLANGE AISI 316

- Mirror finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

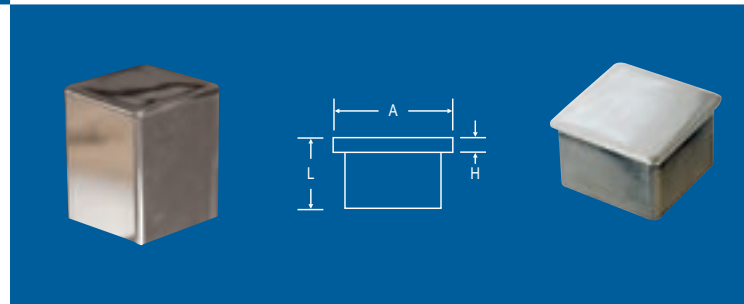
Code	Tube Ø	Wall	A	B	C	H	I	Wgt
MST-2016	2"	1.5mm	100	50.8	100	30	8.0	498g



END CAP "FLAT" AISI 316

- Mirror finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

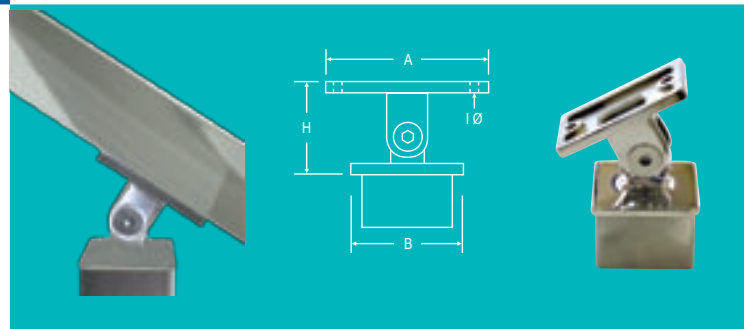
Code	Tube Ø	Wall	A	H	L	Wgt
MST-2019	2"	1.5mm	50.8	3.0	33	156g



ADJUSTABLE RAIL SUPPORT "FLAT TOP" AISI 316

- Mirror finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

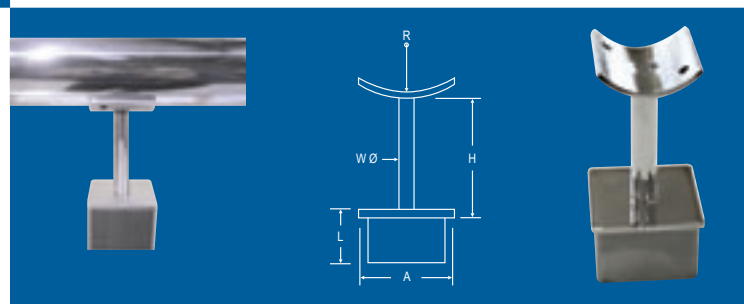
Code	Tube Ø	Wall	A	B	H	I	Wgt
MST-315AP	2"	1.5mm	66	50.8	50	6.0	375g



POST REDUCER SQUARE - ROUND "IN-LINE" AISI 316

- Reducer to allow square intermediate posts with round handrail
- Mirror finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

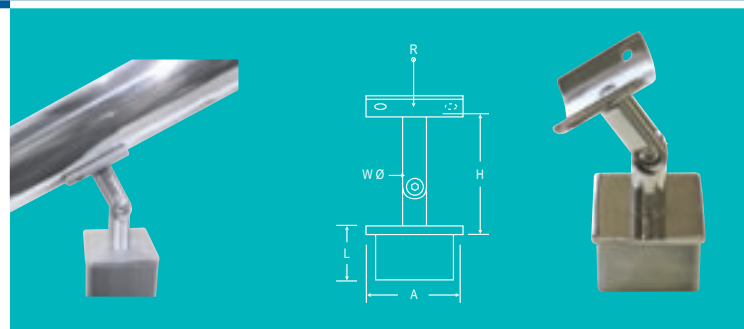
Code	Tube Ø	Wall	A	H	L	R	W	Wgt
MST-2020	2"	1.5mm	50.8	66	33	2"	12	254g



POST REDUCER SQUARE - ROUND "ADJUSTABLE" AISI 316

- Reducer to allow square posts to angled round handrail
- Mirror finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

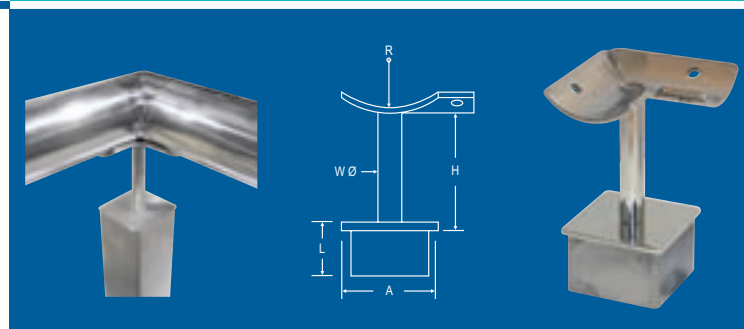
Code	Tube Ø	Wall	A	H	L	R	W	Wgt
MST-2021	2"	1.5mm	50.8	66	33	2"	16	293g



POST REDUCER SQUARE - ROUND "90° CORNER" AISI 316

- Reducer to allow square 90° corner posts to round handrail
- Mirror finished modular handrail components
- Heavy duty cast components suitable also on commercial sites
- Epoxy glue, pop rivet or weld together fittings

Code	Tube Ø	Wall	A	H	L	R	W	Wgt
MST-2022	2"	1.5mm	50.8	66	33	2"	12	309g

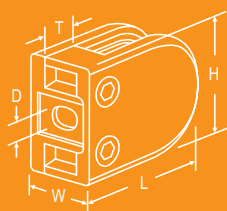




GC-300



GC-301



GLASS CLAMP - SMALL "D" TYPE AISI 316 (SATIN)

- Satin surface finish clamps to suit 6.0 & 8.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
GC-300	6.0, 8.0mm	Square/Flat	40	50	23	16	9.0	190g
GC-301	6.0, 8.0mm	2" Round	40	50	23	16	9.0	190g

*Note: "L" measurement for GC-301 is from centre of radius

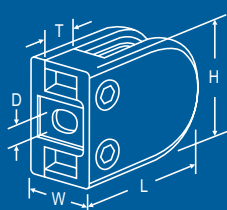
Sold-Each



MGC-300



MGC-301



GLASS CLAMP - SMALL "D" TYPE AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 6.0 & 8.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
MGC-300	6.0, 8.0mm	Square/Flat	40	50	23	16	9.0	190g
MGC-301	6.0, 8.0mm	2" Round	40	50	23	16	9.0	190g

*Note: "L" measurement for MGC-301 is from centre of radius

Sold-Each



Note:
Gaskets
are sold
separately

RUBBER GASKETS FOR GLASS CLAMPS

Code	Suit Clamp	Suit Glass	Sold
GG-300-06	GC/MGC-300,301	6.0mm	Pair
GG-300-08	GC/MGC-300,301	8.0mm	Pair

Maximise your
view with a
handrail and
glass panel setup,
ideal for pools
and balconies





GLASS CLAMP - MEDIUM "D" TYPE AISI 316 (SATIN)

- Satin surface finish clamps to suit 6.0, 8.0 & 10.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Sold
GC-310	6.0, 8.0, 10.0mm	Square/Flat	45	63	26	16	9.0	Each
GC-311	6.0, 8.0, 10.0mm	2" Round	45	63	26	16	9.0	Each

*Note: "L" measurement for GC-31 is from centre of radius

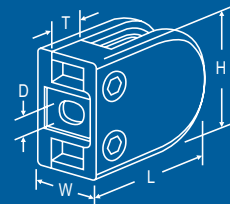
Sold-Each



GC-310



GC-311



GLASS CLAMP - MEDIUM "D" TYPE AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 6.0, 8.0 & 10.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Sold
MGC-310	6.0, 8.0, 10.0mm	Square/Flat	45	63	26	16	9.0	Each
MGC-311	6.0, 8.0, 10.0mm	2" Round	45	63	26	16	9.0	Each

*Note: "L" measurement for MGC-311 is from centre of radius

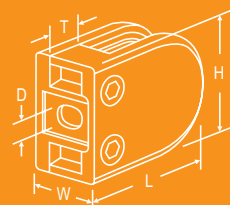
Sold-Each



MGC-310



MGC-311



RUBBER GASKETS FOR GLASS CLAMPS

Code	Suit Clamp	Suit Glass	Sold
GG-310-06	GC/MGC-310,311	6.0mm	Pair
GG-310-08	GC/MGC-310,311	8.0mm	Pair
GG-310-10	GC/MGC-310,311	10.0mm	Pair

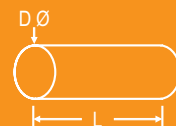


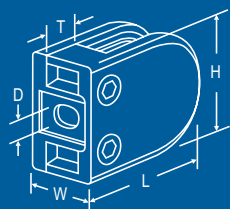
Note:
Gaskets
are sold
separately

GLASS CLAMP NYLON CENTRE PIN

- Optional nylon centre pin for heavy glass panels
- Hole drilling in glass required for pins

Code	Suit Clamp	D	L	Sold
GPN-310	GC/MGC-310,311	6.0	24	Each





GC-320



GC-321

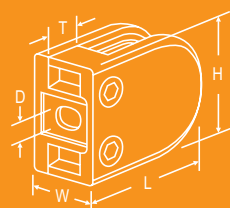
GLASS CLAMP - LARGE "D" TYPE AISI 316 (SATIN)

- Satin surface finish clamps to suit 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
GC-320	8.0, 10.0, 12.0mm	Square/Flat	55	60	32	16	9.0	405g
GC-321	8.0, 10.0, 12.0mm	2" Round	55	60	32	16	9.0	405g

*Note: "L" measurement for GC-321 is from centre of radius

Sold-Each



MGC-320



MGC-321

GLASS CLAMP - LARGE "D" TYPE AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
MGC-320	8.0, 10.0, 12.0mm	Square/Flat	55	60	32	16	9.0	405g
MGC-321	8.0, 10.0, 12.0mm	2" Round	55	60	32	16	9.0	405g

*Note: "L" measurement for MGC-321 is from centre of radius

Sold-Each

RUBBER GASKETS FOR GLASS CLAMPS

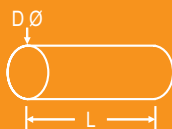
Code	Suit Clamp	Suit Glass	Sold
GG-320-08	GC/MGC-320,321	8.0mm	Pair
GG-320-10	GC/MGC-320,321	10.0mm	Pair
GG-320-12	GC/MGC-320,321	12.0mm	Pair

GLASS CLAMP NYLON CENTRE PIN

- Optional nylon centre pin for heavy glass panels
- Hole drilling in glass required for pins

Code	Suit Clamp	D	L	Sold
GPN-320	GC/MGC-320,321	6.0	26	Each

Note:
Gaskets
are sold
separately



**G/CLAMP - MEDIUM "D" TYPE, L/H SUPPORT AISI 316 (SATIN)**

- Satin surface finish clamps to suit 6.0, 8.0 & 10.0mm glass
- Please order gaskets to suit appropriate glass
- L/Hand corner glass hold for supporting glass
- Unique design to stop slippage of excessively heavy panels of glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)

Code	Suit Glass	Hold	Suit Post	H	L	W	T	D	Wgt
GC-310-L	6.0, 8.0, 10.0mm	L/H	Square/Flat	45	63	26	16	9.0	315g
GC-311-L	6.0, 8.0, 10.0mm	L/H	2" Round	45	63	26	16	9.0	315g

*Note: "L" measurement for GC-311L is from centre of radius

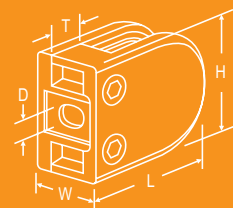
Sold-Each



GC-310-L



GC-311-L

**G/CLAMP - MEDIUM "D" TYPE, L/H SUPPORT AISI 316 (MIRROR)**

- Mirror surface finish clamps to suit 6.0, 8.0 & 10.0mm glass
- Please order gaskets to suit appropriate glass
- L/Hand corner glass hold for supporting glass
- Unique design to stop slippage of excessively heavy panels of glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)

Code	Suit Glass	Hold	Suit Post	H	L	W	T	D	Wgt
MGC-310-L	6.0, 8.0, 10.0mm	L/H	Square/Flat	45	63	26	16	9.0	315g
MGC-311-L	6.0, 8.0, 10.0mm	L/H	2" Round	45	63	26	16	9.0	315g

*Note: "L" measurement for MGC-311L is from centre of radius

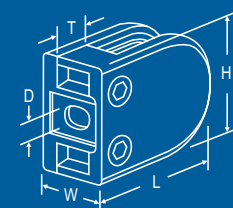
Sold-Each



MGC-310-L



MGC-311-L

**RUBBER GASKETS FOR GLASS CLAMPS**

Code	Suit Clamp	Suit Glass	Sold
GG-310-06	GC/MGC-310,311-L	6.0mm	Pair
GG-310-08	GC/MGC-310,311-L	8.0mm	Pair
GG-310-10	GC/MGC-310,311-L	10.0mm	Pair



Note:
Gaskets
are sold
separately

G/CLAMP - MEDIUM "D" TYPE, R/H SUPPORT AISI 316 (SATIN)

- Satin surface finish clamps to suit 6.0, 8.0 & 10.0mm glass
- Please order gaskets to suit appropriate glass
- R/Hand corner glass hold for supporting glass
- Unique design to stop slippage of excessively heavy panels of glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)

Code	Suit Glass	Hold	Suit Post	H	L	W	T	D	Wgt
GC-310-R	6.0, 8.0, 10.0mm	R/H	Square/Flat	45	63	26	16	9.0	315g
GC-311-R	6.0, 8.0, 10.0mm	R/H	2" Round	45	63	26	16	9.0	315g

*Note: "L" measurement for GC-311R is from centre of radius

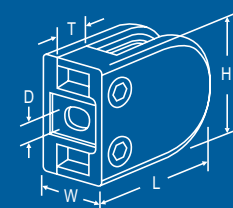
Sold-Each



GC-310-R



GC-311-R

**G/CLAMP - MEDIUM "D" TYPE, R/H SUPPORT AISI 316 (MIRROR)**

- Mirror surface finish clamps to suit 6.0, 8.0 & 10.0mm glass
- Please order gaskets to suit appropriate glass
- R/Hand corner glass hold for supporting glass
- Unique design to stop slippage of excessively heavy panels of glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)

Code	Suit Glass	Hold	Suit Post	H	L	W	T	D	Wgt
MGC-310-R	6.0, 8.0, 10.0mm	R/H	Square/Flat	45	63	26	16	9.0	315g
MGC-311-R	6.0, 8.0, 10.0mm	R/H	2" Round	45	63	26	16	9.0	315g

*Note: "L" measurement for MGC-311R is from centre of radius

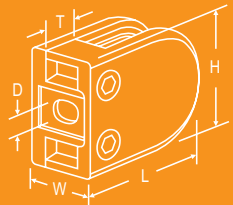
Sold-Each



MGC-310-R



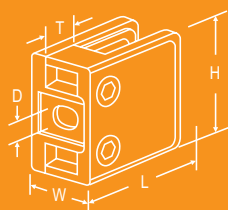
MGC-311-R

**RUBBER GASKETS FOR GLASS CLAMPS**

Code	Suit Clamp	Suit Glass	Sold
GG-310-06	GC/MGC-310,311-R	6.0mm	Pair
GG-310-08	GC/MGC-310,311-R	8.0mm	Pair
GG-310-10	GC/MGC-310,311-R	10.0mm	Pair



Note:
Gaskets
are sold
separately



GC-210



GC-211

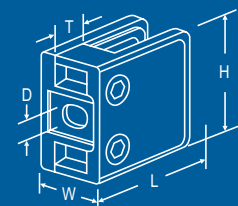
GLASS CLAMP - SMALL SQUARE TYPE AISI 316 (SATIN)

- Satin surface finish clamps to suit 6.0 & 8.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
GC-210	6.0, 8.0mm	Square/Flat	45	45	28	16	9.0	215g
GC-211	6.0, 8.0mm	2" Round	45	45	28	16	9.0	215g

*Note: "L" measurement for GC-211 is from centre of radius

Sold-Each



MGC-210



MGC-211

GLASS CLAMP - SMALL SQUARE TYPE AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 6.0 & 8.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
MGC-210	6.0, 8.0mm	Square/Flat	45	45	28	16	9.0	215g
MGC-211	6.0, 8.0mm	2" Round	45	45	28	16	9.0	215g

*Note: "L" measurement for MGC-211 is from centre of radius

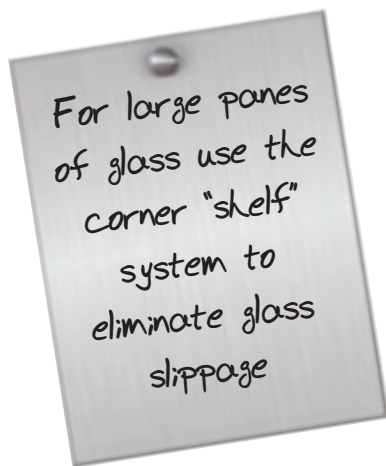
Sold-Each

Note:
Gaskets
are sold
separately



RUBBER GASKETS FOR GLASS CLAMPS

Code	Suit Clamp	Suit Glass	Sold
GG-210-06	GC/MGC-200,201	6.0mm	Pair
GG-210-08	GC/MGC-200,201	8.0mm	Pair



GC-311-R

GC-311-L

GC-311-L

GC-311-R



GLASS CLAMP - LARGE SQUARE TYPE AISI 316 (SATIN)

- Satin surface finish clamps to suit 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
GC-200	8.0, 10.0, 12.0mm	Square/Flat	55	55	32	16	9.0	440g
GC-201	8.0, 10.0, 12.0mm	2" Round	55	55	32	16	9.0	440g

*Note: "L" measurement for GC-201 is from centre of radius

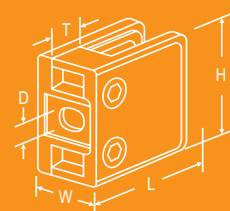
Sold-Each



GC-200



GC-201



GLASS CLAMP - LARGE SQUARE TYPE AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 60-80kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	H	L	W	T	D	Wgt
MGC-200	8.0, 10.0, 12.0mm	Square/Flat	55	55	32	16	9.0	440g
MGC-201	8.0, 10.0, 12.0mm	2" Round	55	55	32	16	9.0	440g

*Note: "L" measurement for MGC-201 is from centre of radius

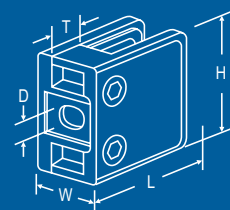
Sold-Each



MGC-200



MGC-201



RUBBER GASKETS FOR GLASS CLAMPS

Code	Suit Clamp	Suit Glass	Sold
GG-200-08	GC/MGC-200,201	8.0mm	Pair
GG-200-10	GC/MGC-200,201	10.0mm	Pair
GG-200-12	GC/MGC-200,201	12.0mm	Pair

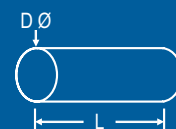


Note:
Gaskets
are sold
separately

GLASS CLAMP NYLON CENTRE PIN

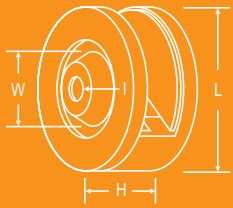
- Optional nylon centre pin for heavy glass panels
- Hole drilling in glass required for pins

Code	Suit Clamp	D	L	Sold
GPN-200	GC/MGC-200,201	6.0	21	Each



Add variety
to your next
project with a
square handrail
and glass
clamp setup

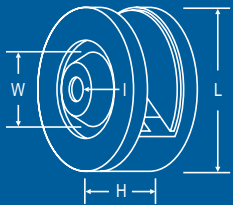




GLASS CLAMP - ROUND (1) SIDE HOLD AISI 316 (SATIN)

- Satin surface finish clamps to suit 6.0, 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 50-65kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	L	H	W	I	Wgt
GC-400	6.0, 8.0, 10.0, 12.0mm	Square/Flat	60	27	18	8.5	320g
Sold-Each							



GLASS CLAMP - ROUND (1) SIDE HOLD AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 6.0, 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 50-65kgs per 2 clamps vertically positioned

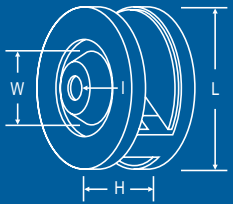
Code	Suit Glass	Suit Post	L	H	W	I	Wgt
MGC-400	6.0, 8.0, 10.0, 12.0mm	Square/Flat	60	27	18	8.5	320g
Sold-Each							

Note:
Gaskets
are sold
separately



RUBBER GASKETS FOR GLASS CLAMPS

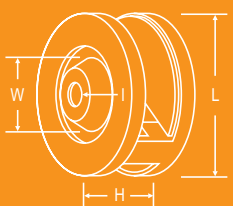
Code	Suit Clamp	Suit Glass	Sold
GG-400-06	GC/MGC-400,410	6.0mm	Pair
GG-400-08	GC/MGC-400,410	8.0mm	Pair
GG-400-10	GC/MGC-400,410	10.0mm	Pair
GG-400-12	GC/MGC-400,410	12.0mm	Pair



GLASS CLAMP - ROUND (2) SIDE HOLD AISI 316 (SATIN)

- Satin surface finish clamps to suit 6.0, 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 50-65kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	L	H	W	I	Wgt
GC-410	6.0, 8.0, 10.0, 12.0mm	Square/Flat	60	27	18	8.5	320g
Sold-Each							



GLASS CLAMP - ROUND (2) SIDE HOLD AISI 316 (MIRROR)

- Mirror surface finish clamps to suit 6.0, 8.0, 10.0 & 12.0mm glass
- Please order gaskets to suit appropriate glass
- Fix to posts with blind rivet nuts and cap screws (see page 42)
- Clamps can support approx. 50-65kgs per 2 clamps vertically positioned

Code	Suit Glass	Suit Post	L	H	W	I	Wgt
MGC-410	6.0, 8.0, 10.0, 12.0mm	Square/Flat	60	27	18	8.5	320g
Sold-Each							

Note:
Gaskets
are sold
separately



RUBBER GASKETS FOR GLASS CLAMPS

- Please order 2 x pairs of gaskets per glass clamp

Code	Suit Clamp	Suit Glass	Sold
GG-400-06	GC/MGC-400,410	6.0mm	Pair
GG-400-08	GC/MGC-400,410	8.0mm	Pair
GG-400-10	GC/MGC-400,410	10.0mm	Pair
GG-400-12	GC/MGC-400,410	12.0mm	Pair



GLASS CLAMP SCREW COVER CAP

- Finish off glass balustrade with these screw caps
- Available in grey only

Code	Suit Clamp	Sold
GC-CAP	All	Pair

GLASS CLAMP INSTALLATION



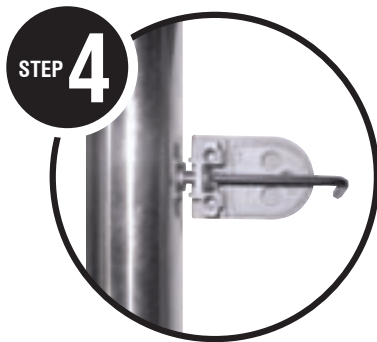
Drill hole to suit outside diameter of blind rivet nut



Insert blind rivet nut to post with hand tool



Installed blind rivet nut ready for use



Screw button head cap screw into blind rivet nut through glass clamp to fix half of glass clamp to post



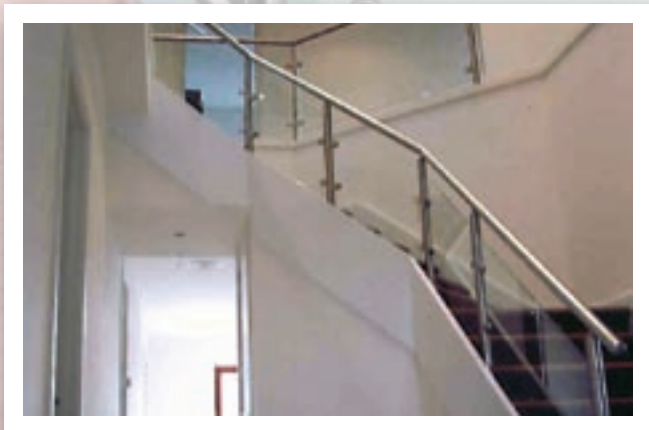
Install appropriate rubber gaskets to both halves of glass clamp



Fit glass into place, and screw second half of glass clamp to hold glass



GLASS CLAMP APPLICATIONS



Glass Clamp Applications

Limited only by your imagination, our range of glass clamp assemblies offer the perfect solution for functional and aesthetic handrail setups. With an attractive surface finish they are the perfect compliment to a stainless steel handrail and glass panel combination.





Poligrat Surface Finishing Products

The unique Polinox range of surface finishing products employs the latest in German technology to bring our customers a range of surface cleaners and stain removers for stainless steel. To aid in product selection for your particular job, please read the following information. For chemical composition and MSDS please contact us for more information.

1. Polinox-US Rust & Stain Remover

Rust and stain remover for efficient treatment of contaminated stainless steel. Discolouration is removed and full corrosion resistance is restored. Original surface polish is not compromised.

Application

- Do not apply in direct sunlight
- Apply undiluted by spray, brush or roller
- Leave for 30 mins to 1 hour depending on severity
- Rinse off with water
- This paste is corrosive, gloves, protective clothing and goggles must be worn

Uses

Commercial & domestic balustrading, architectural features, yacht bowrails & fittings, handrails.

2. Polinox-C Cleaner & Restorer

Acidic cleaner to degrease, clean and remove surface rust. Especially effective at removing water marks. Passivates the surface thereby increasing corrosion resistance. Original surface polish is not compromised.

Application

- Apply undiluted by brush, roller, cloth or spray unit
- Temperature of surface should be 5 to 30 degrees
- Leave for 15 to 45mins
- Water rinse off
- This liquid is poison, protective clothing and gloves must be worn.

Uses

Handrails, tanks & pipework for food/wine/dairy industry etc, transportation vehicles such as trucks & trains.

3. Polinox-CSG Cleanox

Cleans and preserves surfaces which have been polished ground or glass bead treated. Makes surface less susceptible to fingerprints and prevents fingerprints reappearing. Minimises cleaning and care of decorative stainless, especially around handles. Provides uniform surface finish on all metals.

Application

- Apply undiluted by immersion, spraying or wiping
- After drying CLEANOX leaves a thin protective coating preventing soiling
- No need to rinse or wash off

Uses

Benchtops and splashbacks, kitchen appliances, handrails, door handles, display areas.



Poligrat
Stainless Steel
Protectants &
Cleaners



POLINOX PROTECTIVE PRODUCTS



Removes
tea staining

POLINOX-US STAINLESS STEEL STAIN REMOVER

- Cleans and removes rust and stains, such as tea staining
- Surface retains original polish after application
- Please contact us for more information and MSDS
- Alternate sizes available on request

Code	Size
P-157-0020	200ml
P-157-0100	2 Kg



Cleans
stainless
steel

POLINOX-C STAINLESS STEEL CLEANER & RESTORER

- Cleans grime, salt deposits & surface contamination from s/steel
- Gives a metallic finish to s/steel
- Please contact us for more information and MSDS
- Alternate sizes available on request

Code	Size
P-158-0010	1 Litre
P-158-0011	5 Litre



Prevents
finger marks

POLINOX-CSG CLEANOX STAINLESS STEEL CLEANER AND PRESERVER

- Cleans & prevents finger prints and provides extra protection against staining on s/steel
- Provides a uniform surface finish to handrails etc
- Leaves a thin protective layer to prevent further soiling
- Please contact us for more information and MSDS
- Alternate sizes available on request

Code	Size
P-162-200	200ml
P-162-1000	1 Litre
P-162-5000	5 Litre

WORK-PRACTICE DATA SHEET - THIS IS A SUMMARY ONLY - FULL REPORT AVAILABLE

CSG CLEANOX
HAZARDOUS ACCORDING TO WORKSAFE CRITERIA
Company Contact No: (+61 3) 9775 1620

ChemWatch 4918-24 CAS No Various % >60 4 2 TWA

INGREDIENTS
Liquid hydrocarbons
barium compound
glycol derivatives

NOT REGULATED UNDER UN CODE FOR TRANSPORT OF DANGEROUS GOODS

PROPERTIES
Liquid
Does not mix with water.
Floats on water.

HEALTH HAZARD INFORMATION
Acute Health Effects:
HARMFUL - May cause lung damage if swallowed.
Vapours may cause dizziness or suffocation.
Inhalation and/or ingestion may produce health damage.
May produce discomfort of the eyes, respiratory tract and skin.
Vapours potentially cause drowsiness and dizziness.
Chronic Health Effects:
Cumulative effects may result following exposure.
(limited evidence)

FIRST AID
Swallowed:
Contact doctor or Poisons Centre.
Give glass of water.
Eyes:
Wash with running water (15 mins). Medical attention.
Skin:
Remove contaminated clothing. Wash with water and soap.
Inhaled:
Fresh air. Rest, keep warm. If breathing shallow, give oxygen. Medical attention.

PRECAUTIONS FOR USE
Engineering Controls:
General Exhaust Ventilation adequate.
Gloves:
Chemical goggles.
Goggles:
None.
Respirator:
Type A, P Filter of sufficient capacity.
Flammability:
Combustible.

SAFE HANDLING INFORMATION
Storage & Transport:
Keep container tightly closed.
Keep container in a well ventilated place.
Keep away from food, drink and animal feeding stuffs.
Store in cool, dry, protected area.
Slosh in cool, dry, protected area.
Spills & Disposal:
Absorb with dry agent.
Slop leak, if safe to do so.
Take off immediately all contaminated clothing.
To clean the floor and all objects contaminated by this material, use water and detergent.
Fire/Explosion Hazard:
Toxic smoke/fumes in a fire.
Fire Fighting:
Flood.

ADVICE TO DOCTOR
Exacerbate respiratory distress. Consider lavage with cooled tube. No adrenaline.

Issue Date: 8/8/2002 Print Date: 9/12/2003 Copyright ChemWatch +613 9572 4700

Please obtain
and read MSDS
before using
poligrat products

WORK-PRACTICE DATA SHEET - THIS IS A SUMMARY ONLY - FULL REPORT AVAILABLE

POLINOX US
HAZARDOUS ACCORDING TO WORKSAFE CRITERIA
Company Contact No: (+61 3) 9775 1620

ChemWatch 4918-25 CAS No 7864-38-2 1-15 1 mg/m3 7564-26-3 5-10 58-70

INGREDIENTS
phosphoric acid

UN No: 1805
Hazardous Code: 2X
DG Class: 8
Subsidiary Risk: NONE, NONE
Poisons Schedule: None

PROPERTIES
Liquid
Mixes with water.
Corrosive.
Acid.

HEALTH HAZARD INFORMATION
Acute Health Effects:
Causes burns.
Risk of serious damage to eyes.
Harmful by inhalation. In contact with skin and if swallowed.
Can be absorbed through skin.
First Aid:
Swallowed:
Contact doctor or Poisons Centre.
Give glass of water.
Rinse mouth with plenty of water.
Eyes:
Wash with running water (15 mins). Medical attention.
Skin:
Remove contaminated clothing. Flood with water.
Rinse immediately all contaminated clothing.
To clean the floor and all objects contaminated by this material, use water.
Fire/Explosion Hazard:
Toxic smoke/fumes in a fire.
Fire Fighting:
Flood.

PRECAUTIONS FOR USE
Engineering Controls:
General Exhaust Ventilation adequate.
Gloves:
Safety Goggles.
Goggles:
Chemical goggles.
Full face shield.
Respirator:
Type B, P Filter of sufficient capacity.
Does not burn.

SAFE HANDLING INFORMATION
Storage & Transport:
Keep locked up.
Keep container in a well ventilated place.
Keep away from food, drink and animal feeding stuffs.
Store in cool, dry, protected area.
Restrictions on Storage apply. Refer to Full Report.
Spills & Disposal:
Prevent from entering drains.
Control spillage by dry means.
Absorb with dry agent.
Neutralise with soda ash.
Slop leak, if safe to do so.
Take off immediately all contaminated clothing.
To clean the floor and all objects contaminated by this material, use water.
Fire/Explosion Hazard:
Toxic smoke/fumes in a fire.
Fire Fighting:
Keep surrounding area cool. Water spraying.

Issue Date: 28/7/2002 Print Date: 9/12/2003 Copyright ChemWatch +613 9572 4700

INOX PROTECTIVE PRODUCTS

Inox Protective Products

J & G Trading are proud providers of Inox quality products. Inox is a quality product designed for heavy industrial use and where extreme climatic conditions prevail. Inox contains no silicon, acid, dieselene or kerosene. Inox will not harm metal points, surfaces, plastics, paints, enamels or finishes, fibreglass, formica or neoprene seals. Inox does not dry out, gum up, become gooey or sticky or **wash off with water!**

Inox is non-conductive, non-static, non-toxic, non-corrosive and non-staining.

Lanolin is a natural wax found in animal wool, especially the wool from sheep, commonly referred to as 'wool fat' or 'wool grease', it has wide spread uses. Lanolin adheres tenaciously to most surfaces providing a defensive shield that protects the treated surface from corrosion or oxidation.

LANOX HEAVY DUTY MX4 ANTI-CORROSION LANOLIN LUBRICANT

- Heavy duty anti-moisture, anti-corrosion lubricant made with a high grade lubricating oil and lanolin base with specialised chemical compounds
- Contains no silicon, kerosene, acids or dieselene
- Does not become sticky, gooey or gum up. Does not dry out or wash off with water
- Non-conductive, non-static, non-corrosive and has low flammability (non-aerosol)

Code	Size
INOX-300	300g Aerosol
INOX-5000	5L
INOX-20000	20L



INOX MX5 PLUS EXTREME PRESSURE LIQUID LUBRICANT WITH PTFE

PTFE is a premium grade extreme pressure anti-friction medium which provides increased lubrication ability between the surfaces

- Will not become tacky, alter surface tolerances, dry out or wash off with water
- Non-toxic, non-conductive, non-corrosive and non-staining
- May affect some natural rubber products with continual long term use

Code	Size
INOX-P-300	300g Aerosol



LANOX MX4 SUPERIOR ANTI-CORROSION LANOLIN GREASE

- Non-toxic, food grade approved lanolin grease
- Can be used as an anti-seize for bolts, nuts and threaded rod
- Prevents electrolysis between dissimilar metals
- Non-carcinogenic, bio-degradable, highly resistant to salt and acid corrosion and provides lasting protection
- Environmentally and user friendly

Code	Size
INOX-G-500	500g Tub
INOX-G-2500	2.5kg Tub



INOX MX7 EXTREME PRESSURE PTFE PASTE

- Specifically formulated for ultra extreme pressure lubrication and where tough thread anti-seize applications are required
- Contains anti-corrosion additives

Code	Size
INOX-L-125	125g Tube





**EASY
TO USE**

PROFESSIONAL HEAVY DUTY LEVER TYPE POP RIVET TOOL

- Easy to use tool for insertion of pop rivets
- Includes full range of nose piece sizes

Code	Range
LR-11	2.4, 3.0/3.2, 4.0, 4.8/5.0mm



HAND POP RIVET TOOL "FIXED HEAD"

- Quality pop rivet tool for fixing pop rivets

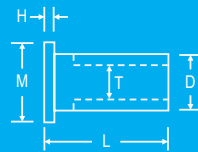
Code	Range
HR-1	2.4 - 4.8mm



HAND POP RIVET TOOL "360°" SWIVEL HEAD

- Quality 360° swivel head pop rivet tool for those hard to reach areas

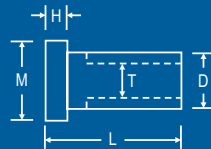
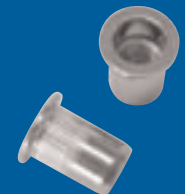
Code	Range
RHR-360	2.4 - 4.8mm



BLIND RIVET NUT SMALL FLANGE AISI 304

- Blind rivet nut with small flange to allow fittings to be joined to handrail
- Install with LN-2 or LN-3 (see page 42)

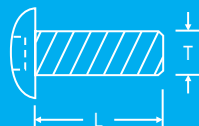
Code	T	Drill	D	L	H	M	Sold
SBRN-6	M6	9.0	9	14	0.5	10	each
SBRN-8	M8	11.0	11	16	0.7	12	each



BLIND RIVET NUT - LARGE FLANGE AISI 304

- Blind rivet nut with large flange to allow glass clamps to be joined to handrail
- Install with LN-2 or LN-3 (see page 43)

Code	T	D	H	L	M	Sold
BRN-5	M5	7	1.1	13	9.5	each
BRN-6	M6	9	1.5	16	12	each
BRN-8	M8	11	1.6	18	15	each
BRN-10	M10	12.5	2.0	21	16.5	each



BUTTON HEAD CAP SCREW AISI 304

- Use with blind rivet nut to fasten fittings/glass clamps to handrail

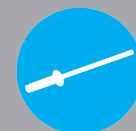
Code	Size	Lgth	Sold
BHTS-0530	M5	30.0	each
BHTS-0550	M5	52.7	each
BHTS-0620	M6	23.5	each
BHTS-0640	M6	40.0	each
BHTS-0820	M8	24.4	each
BHTS-0850	M8	54.5	each



POP RIVETS ALL S/STEEL AISI 304

- S/Steel Shaft and Head

Code	Ø	Lgth	Sold
POP-53	4.0	8.5	each
POP-54	4.0	10.0	each
POP-64	4.8	11.0	each
POP-68	4.8	16.5	each



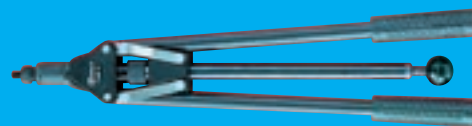
BLIND RIVET NUT HAND TOOL - FAST INSERTION

- For fast insertion of *stainless steel* rivet nuts
- Complete with quick threading unit and steel carry case
- Includes full range of nose piece sizes

Code Range

LN-2 M5 - M10

SEE
KIT ON
P37

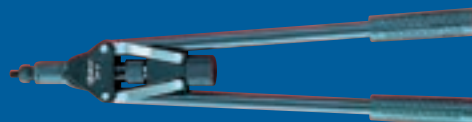


BLIND RIVET NUT HAND TOOL - STANDARD

- For insertion of *stainless steel* rivet nuts
- For operating in place-limited areas
- Complete with steel carry case & full range of nose piece sizes

Code Range

LN-3 M5 - M10



REPLACEMENT MANDRELS FOR LN-2 & LN-3 BLIND RIVET NUT TOOLS

- Replacement mandrel nose pieces for LN-2, LN-3

Code Size

LN-M-5 M5

LN-M-6 M6

LN-M-8 M8

LN-M-10 M10



MANDREL REPLACEMENT SETS FOR LN-2 & LN-3 BLIND RIVET NUT TOOL

Code Range Measurement

LN-M-SET M5-M10 Metric

LN-I-SET M5-M10 Imperial



TWO PART EPOXY GLUE SETS

- Epoxy glue sets for fast and easy assembly of handrail components to tube
- Heat resistant

Code Size Total

EP906-TUBE 30gram/Piece 60gram

EP906-300 300gram/Piece 600gram

FOR EASY
ASSEMBLY



Epoxy Glue Sets

We now offer a range of stainless steel two part epoxy glue sets for fixing our modular handrail components to tube. This simple yet effective fixing method eliminates welding & pop riveting of fittings and cures within an hour. Contact your supplier for more information.

CONTACT US FOR MORE...



... General
product
catalogue
also available
on request

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