TO BE A LEADER IN CHINA

Shandong Aleader Machinery Manufacturing Co., Ltd

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Aleader
Machinery Manufacturing

Aleader
Glass Railing
Specialist

Contact Us
sales@aleader-china.com

Visit Our Website
www.aleader-china.com

EXPERTS IN GLASS HARDWARE

RELIABLE PARTNER FOR ENGINEERING



PRECISION
CASTING FACTORY

- *Glass Hardware*
- *Handrail Fittings*
- *OEM Casting Parts*

CERTIFIED ISO 9001:2015 COMPANY
CERTIFIED IATF 16949:2016
TÜVRheinland CERTIFIED

Aleader
Glass Railing
Specialist

山东艾力达机械制造有限公司
Shandong Aleader Machinery Manufacturing Co., Ltd.



QUALITY FIRST, SERVICE SUPREME

SWIMMING POOL FENCE

Pair the fence with landscaping to create a cohesive outdoor retreat.

CONTENTS

07 GLASS SPIGOTS

2205/316/304 Stainless Steel,
Clear View with Easy Installation.

27 GLASS CLAMPS

For Round Post Φ38.1mm,Φ42.4mm, Φ50.8mm
Square Post 40×40mm, 50.8×50.8mm
8/10/12mm Glass Panel Connetors.

38 RAILING FITTINGS

Brackets and Joiners for Handrail 21×25mm,
40×40mm, 50×50mm, 50×25mm,50×10mm
Round Hanrail Φ38.1mm,Φ42.4mm, Φ50.8mm.

62 HANDRAIL BRACKETS

Brackets for Square and Round Handrails.

67 STANDOFFS

Made of 2205/316/304 Stainless Steel,
1½" to 2" Diameter.

72 HINGES & LATCHES

Door System for Glass Railing and Fence.

ALEADER MACHINERY MANUFACTURING

whose former name is Dongying Lostwax, was founded in May 2018 and located in Rizhao City, Shandong Province. Aleader upholds the principle of "Quality First, Service Supreme" and adheres to the idea of "Ingenuity Spirit, High Quality, Honest Service, and Continuous Innovation". Aleader is committed to providing customers with high-quality products and superior services. Your needs are our mission. Aleader welcomes you to work with us to create a better tomorrow based on win-win cooperation.

40000 ㎡
(area)

4000 tons
(output)



ALEADER
GLASS RAILING
SPECIALIST

Aleader is a modern and professional manufacturer of investment castings, simply called foundry. Our main products include construction hardware, shower door hardware, auto parts, pump & valve parts, impellers, marine hardware, and some other machinery parts. Main materials contain stainless steel, especially duplex-stainless steel 2205, and carbon steel, alloy steel, and brass, etc.

Our casting weight ranges from 5g to 100kg. Max outline dimensions are 400mmx500mmx500mm, no larger than 700mm. Products are extensively used in the fields of construction industry, chemical machinery, shipbuilding equipment, medical industry, food machinery, and water & wastewater treatment industries, etc. Aleader prides on advanced casting technology, high accuracy, fine surface, strong machining ability, competitive price, short delivery and the most intimate and thoughtful services.

With our continuous efforts, we have obtained the certificates ISO9001:2015, ISO14001, ISO45001, TUV/PED/AD2000 Pressure Vessel Certification and IATF16949.
Our products are exported to countries and regions in Europe and America as well as Australia, Japan and Taiwan and so on and have gained high praises.

Aleader constantly introduces many excellent professionals specialized in research, development, casting, finish machining, polishing, and inspection. Our company has independent research and development ability and can meet customers' special requirements. Besides, our general manager leads our engineers to keep thinking and innovating in practice. We created many new patented products, which aims at creating our own brand and writing a new chapter.

20+Years
Professional Experience

350+
Working Staffs

30+
Skilled Engineers

R&D
Professional Team

1 Hour
Distance from Airport

1 Hour
Distance from Port

Your Ideal Partner To Develop Chinese Market
PROFESSIONAL MANUFACTURER OF PRECISION CASTING



EXPLORE OUR FACILITY

Aleader covers an area of 40,000㎡ and has around 350 staff members,our output is about 4,000 tons per year.
All sets of investment casting equipment are introduced from Taiwan.

OEM & ODM Available

We Can Hlep to Build Your Own Designs, and Your Own Packages.

Start with Low MOQ

We Support a Minimum Order Quantity of 1 Pallets for the First Order.

Same Quality Less Costs

All the Products are From Our Own Factory to Make Our Costs are Less and Manageable.



MANUFACTURING FACTORY VIEW

Shandong Aleader Machinery Manufacturing Co, Ltd, founded in May 2018, is head quartered in Shandong Province, China. We are a modern manufacturing company specializing in investment casting, heat treatment, precision machining and surface treatment.



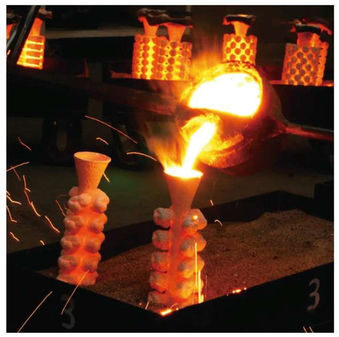
PATTERN WAREHOUSE



WAX INJECTION WORKSHOP



SHELL COATING WORKSHOP



POURING



REPAIR WORKSHOP



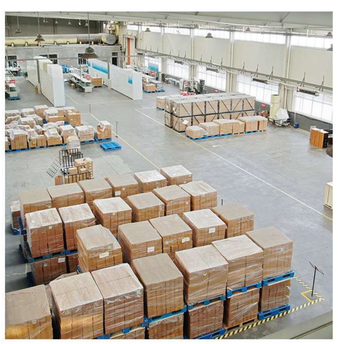
MACHINING WORKSHOP



INSPECTION



POLISHING WORKSHOP



WAREHOUSE

QUALIFICATION ACCREDITATION & QUALITY CONTROL





MEASURING PROJECTOR



METALLOGRAPHIC ANALYZER



CMM



HAND SPECTROMETER



INFRARED THERMOMETER



COATING THICKNESS GAUGE



HARDNESS TESTER



SPECTROMETER



TENSILE TESTING MACHINE



PROFILOMETER

SURFACE TREATMENT

Advanced surface preparation boosts material performance and aesthetics while prolonging product life. We provide professional surface treatment, custom solutions and strict quality control to meet rigorous industry standards.



POWDER COATING & PLATING

We provide diversified spraying and coating services to protect materials, customize appearance and meet various application demands.

GLASS HARDWARE FINISHES

Aleader offers a diverse range of surface color options, suitable for both modern residential and commercial spaces.



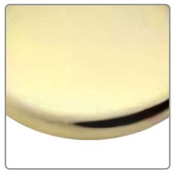
MIRROR



SATIN



MATTE BLACK



GOLD



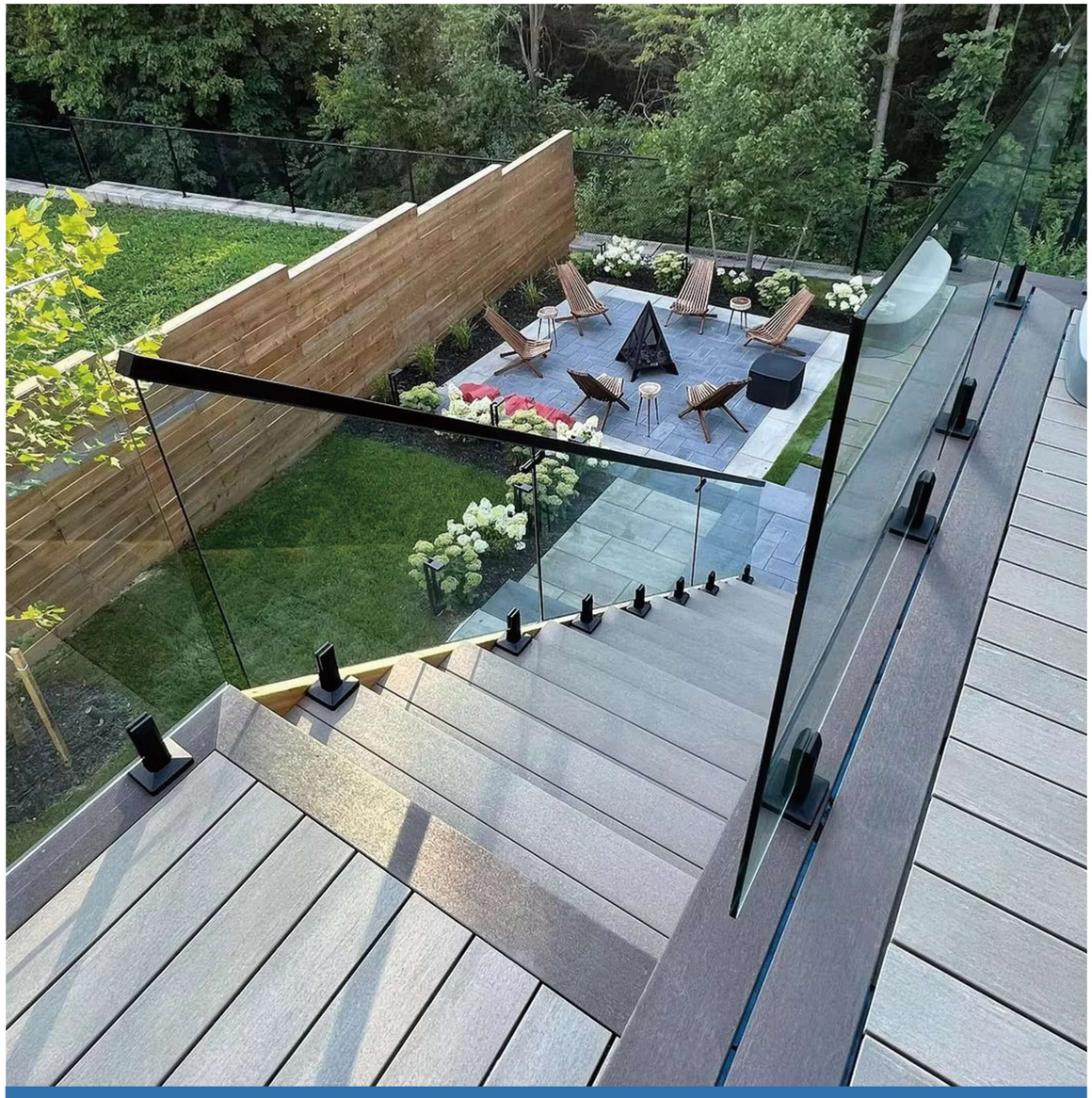
GUN METAL



ROSE GOLD



WHITE



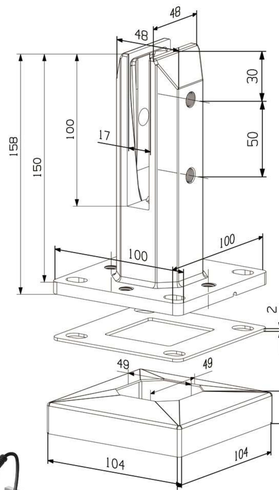
GLASS SPIGOTS



ADJUSTABLE SPIGOT WITH LED LIGHTS

- Glass Thickness: 1/2" (12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 1.89 kg
- Suitable for Swimming Pool Fencing, Glass Balustrades, Deck Railings
- Frameless Glass Spigot
- Square Deck-mounted

NEW PRODUCT
LED LIGHT SPIGOT





DESIGNED EXCLUSIVELY
FOR ASD-2-LED MODEL



ITEM NO. **ASD-2-LED**
Square Deck-mounted

- 1.5W RGB LED Deck Light Set
- Color: RGB, 16 Light Colours to Choose from
- 4 Mode Settings-flash, Strobe, Fade & Smooth
- The Speed and Brightness Adjustment of RGB Light Available
- Individual Color Can be Set Up
- Waterproof Rate: lP67
- Light Size: 17mm*15mm*26.8mm

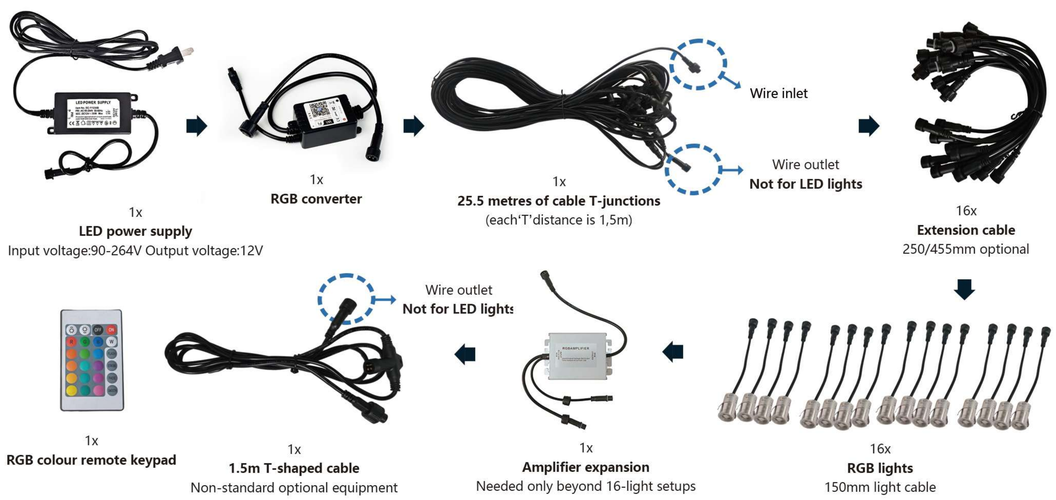
Scan QR code to watch installation video

Scan the QR code to download the app

View the product operation E-document



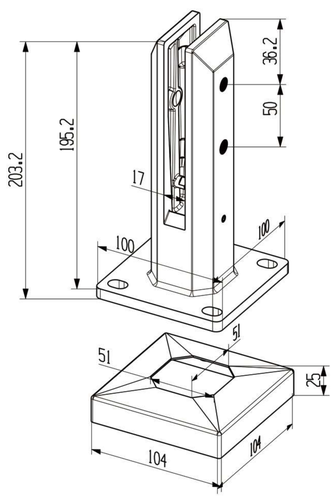
LED LIGHTING SYSTEM COMPONENTS



ADJUSTABLE GLASS SPIGOT

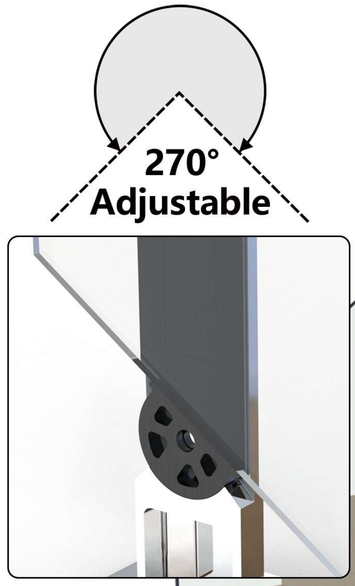
- Glass Thickness: 1/2" (12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 2.00 kg
- Suitable for Balconies, Staircases and Deck Glass Railings
- Frameless Balustrade Spigot
- Square Deck-mounted

NEW PRODUCT
STAIRCASE SPIGOT





ITEM NO. **USG-1**
Square Deck-mounted



MULTI-DIRECTIONAL

Unique swivel block design allows for 270° multi-directional fine-tuning, easily compensating for non-parallel and sloped surfaces like stairs.





Nylon + Fiberglass



Stainless Steel

SWIVEL BLOCK

Nylon + Fiberglass composite or stainless steel core for your option, offering metal-like strength with superior corrosion and aging resistance for extended lifespan.

PRECISE INSTALLATION

Flexible angle adjustment compensates for construction tolerances, ensuring a perfect fit for glass panels, saving time and effort.

IDEAL FOR STAIRCASES

Ideal for various commercial and residential applications-the perfect glass railing solution for staircases.

DIFFERENT BASE COVER OPTIONAL

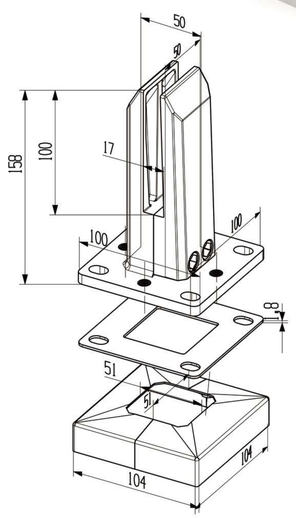
Features a default one-piece cover for a sleek look; optional split cover is available for easier future maintenance and glass replacement.

SPLIT BODY GLASS SPIGOT

- Glass Thickness: 1/2" (12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 2.00 kg
- Suitable for Balconies, Staircases and Deck Glass Railings
- Frameless Balustrade Spigot
- Square Deck-mounted

NEW PRODUCT
SPLIT BODY SPIGOT





ITEM NO. **SPL-1**
Square Deck-mounted

AESTHETIC FINISH WITH SCREWS HIDDEN

The screws are completely concealed once the cover is installed. This ensures a sleek, seamless appearance.



SPLIT BASE COVER

The split cover design allows for quick and easy installation or replacement, significantly reducing on-site labor.





ZERO-GAP

The product is designed to fit the glass perfectly, creating a seamless interface with the glass. The zero gap fit enhances both stability and visual refinement.



NON-CONDUCTIVE GLASS SPIGOT

Australian Standard Certified

POOL SAFETY FIRST

Eliminates electrical leakage risks in damp environments

TRUSTED BY ENGINEERS

Australian Standard Certified for both insulation and load-bearing performance



ELECTRICAL TESTING COMPANY PTY LTD
ABN 83 417 531 869

UNIT 15, 10 VICTORIA AVENUE
CASTLE HILL NSW 2154
PHONE: (02) 8850 1380
FAX: (02) 8850 1384

Accredited for compliance with ISO/IEC 17025

TEST REPORT

Report No	29196		
Client			
Address			
Location of test	15/10 Victoria Avenue, Castle Hill, NSW, 2154		
Test item	Two [2] Insulated Spigots and Covers for frameless glass pool fencing and/or ballustrading. *The results reported herein relate only to the item under test*		
Date of receipt	6 January 2021	Date of test	25 January 2022 & 8 April 2022
Date of issue	8 April 2022	Due for re-test (if required)	N/A
Test equipment	Hioki 3455 High Voltage Insulation Resistance Tester, designated ETC1064		
Traceability statement	The results of the tests, calibrations and/or measurements included in this document are traceable to Australian/National Standards		
Standard	To determine the insulation properties of the spigot. Specifically, if it is considered conductive per AS3000 Clause 5.6.2.6		
Test method	ETC Test Method TM-10, Sub-method 1.		
Environmental conditions	Temperature: 23.1°C Humidity: 62% RH		
Statement of compliance	Refer to test results page 2 of this report.		
Uncertainty of Measurement	Resistance: 20.2% of reading >10.0Gig Ohm	Confidence level: 95% k-factor: 2.0	
Testing Officer	D. Holland		
Checked by	R. Watts		
Authorised Signatory	Director	K.L.Holland.	

Clause	Requirement	P/F/NA
5.6.2.6.2	**Conductive Pool Structures**	P
5.6.2.6.5	**Conductive Fixtures and Fittings** Test voltage: 1.0 kV dc Test duration: 1 minute Required insulation resistance > 1.0 MΩ Measured insulation resistance: See Results.	P

P – Pass
F – Fail
NA – Not applicable

Table 1. Insulation Resistance

Test Sample	Indentity	Test Voltage	Result	P/F/NA
Spigot Cast-in type	Black	1050V dc	5.61GigΩ	P
Cover Flange	Black	1050V dc	22.8GigΩ	P
Spigot Flange-mount	Black	1050V dc	3.68GigΩ	P
Cover Flange	Black	1050V dc	755MegΩ	P

NOTES: Test instrument range limit: 1,000 GΩ on 1000volt range.

P – Pass
F – Fail
NA – Not applicable

QF-07F
Report No: 29196

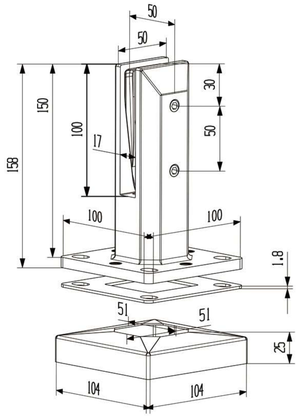
This test report shall not be reproduced except in full, without the written permission of the issuing laboratory



GLASS SPIGOT BASE MODEL

- Designed for Use with 1/2" (12mm) Tempered Glass
- 2205/316/304 Stainless Steel
- Clear View with Easy Installation
- Suitable for Swimming Pool Fencing, Glass Balustrades, Deck Railings
- Available with Square/Round Base Plates and Multiple Height Options to Meet Diverse Project Design Requirements





GLASS HEIGHT ADJUSTABLE SPIGOT

- Glass Thickness: 1/2" (12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 2.02 kg
- Suitable for Swimming Pool Fencing, Glass Balustrades, Deck Railings
- Frameless Balustrade Spigot

ITEM NO. **AHD-2**
Square Deck-mounted

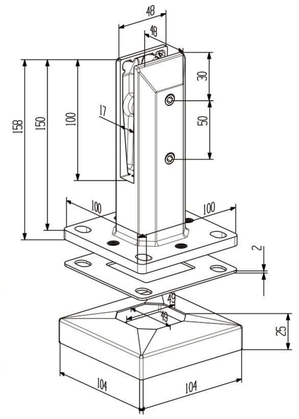
HOT-SELLING

GLASS HEIGHT ADJUSTABLE SPIGOT

- Glass Thickness: 1/2" (12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 1.27 kg
- Suitable for Swimming Pool Fencing, Glass Balustrades, Deck Railings
- Frameless Balustrade Spigot





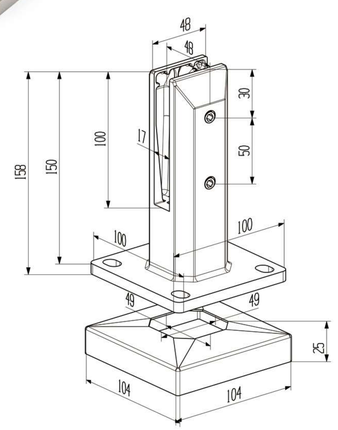


ITEM NO. **ALD-NA**
Square Deck-mounted

WINDOOREX Glass & Aluminum
Saudi Arabia

HOT-SELLING AT THE SAUDI GLASS EXHIBITION

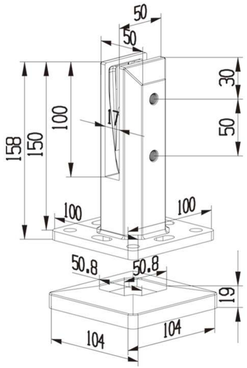
Glass Thickness:
1/2" (12 mm)
Material:
2205/316/304 Stainless Steel
Weight: 1.06 kg





ITEM NO. **ALD-ME**
Square Deck-mounted

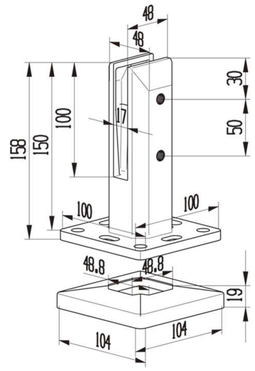




ITEM NO. **188SD**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.92 kg





ITEM NO. **188SD-SP**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.10 kg

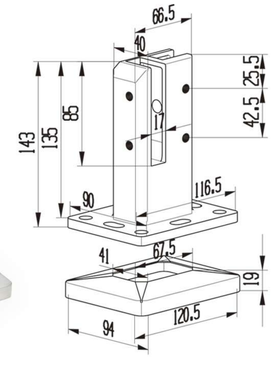


2-IN-1 SQUARE GLASS RAILING SPIGOT

- 2-in-1 Square Glass Clamps: 90° & 180°
- For 1/2" (12 mm) Glass
- Ideal for Railings, Pool Fences



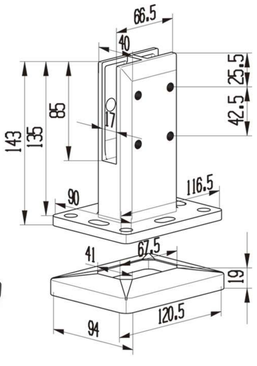




ITEM NO. **DOSD-90**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.85 kg

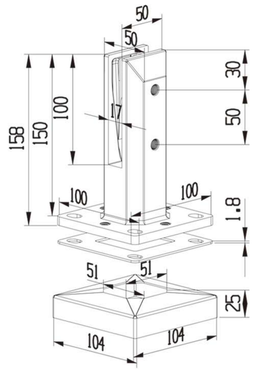




ITEM NO. **DOSD-180**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.84 kg

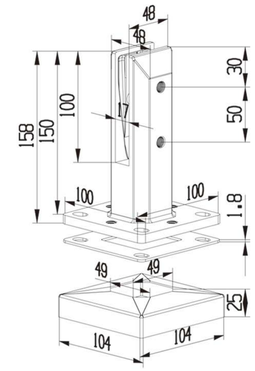




ITEM NO. **ASD-1**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.08 kg

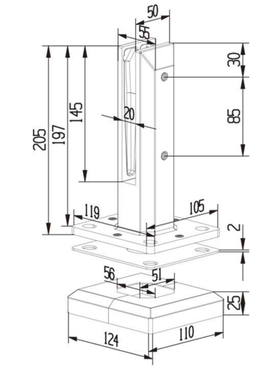




ITEM NO. **ASD-2**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.89 kg

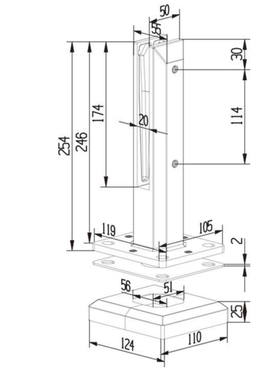




ITEM NO. **ASD-3**
Square Deck-mounted
Glass Thickness: 1/2"-19/32" (12-15 mm)
Material: 2205/316/304

Weight
2.30 kg

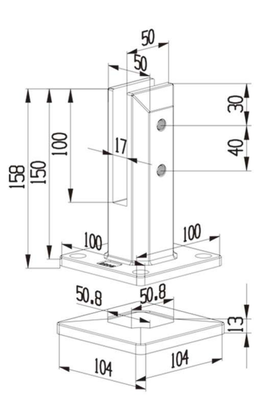




ITEM NO. **ASD-4**
Square Deck-mounted
Glass Thickness: 1/2"-19/32" (12-15 mm)
Material: 2205/316/304

Weight
2.68 kg

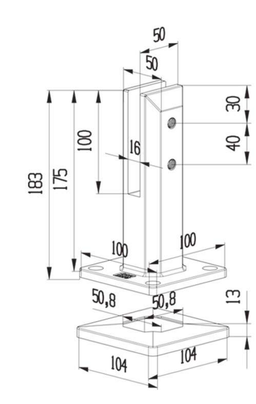




ITEM NO. **LS-ASF**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.15 kg

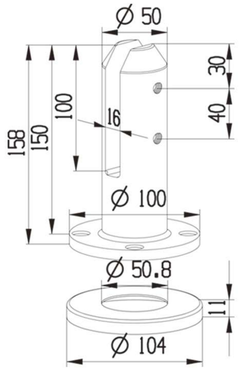




ITEM NO. **LS-ASF-L**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.38kg

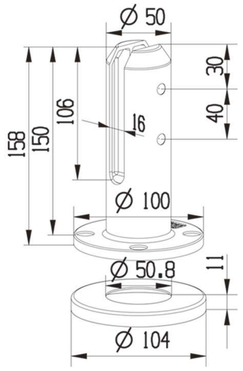




ITEM NO. **LS-ARF**
Round Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.75 kg

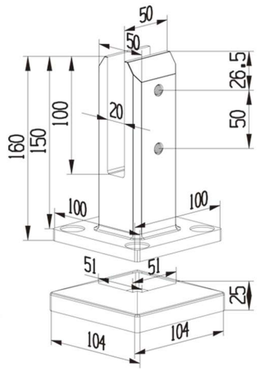




ITEM NO. **LS-BRF**
Round Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
0.98 kg

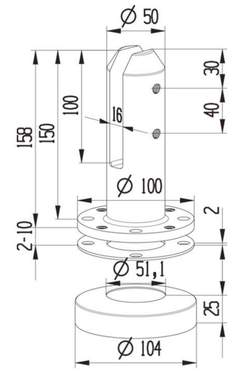




ITEM NO. **LS-DSF**
Square Deck-mounted
Glass Thickness: 1/2"-19/32" (12-15mm)
Material: 2205/316/304

Weight
2.54 kg

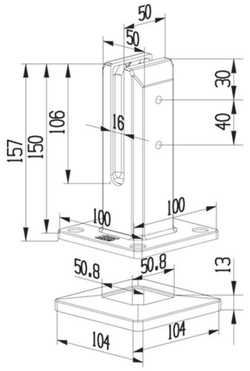




ITEM NO. **LS-FRF**
Round Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.87 kg

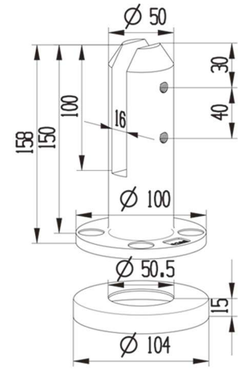




ITEM NO. **LS-BSF**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.25 kg

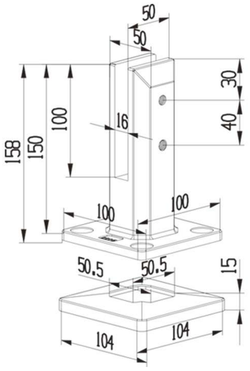




ITEM NO. **LS-CRF**
Round Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.60 kg

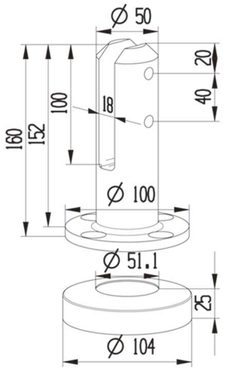




ITEM NO. **LS-CSF**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.03 kg

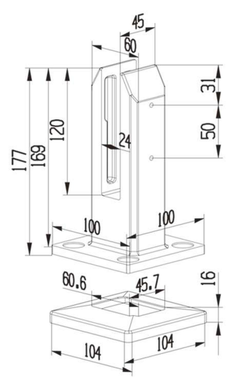




ITEM NO. **LS-DRF**
Round Deck-mounted
Glass Thickness: 1/2"-19/32" (12-15mm)
Material: 2205/316/304

Weight
1.74 kg

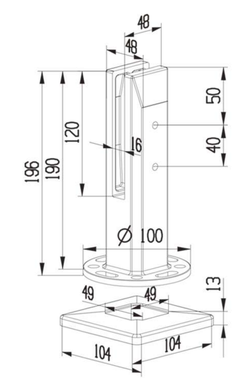




ITEM NO. **LS-FSF**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.35 kg

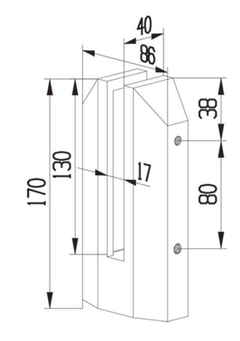




ITEM NO. **LS-OSF**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.78 kg



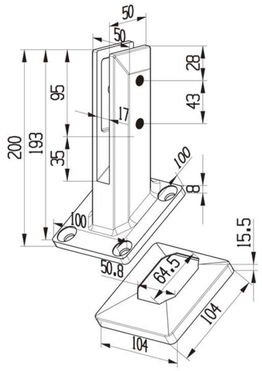


ITEM NO. **LS-QFC**
Floor Flush-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.82 kg

STAIRCASE GLASS SPIGOT





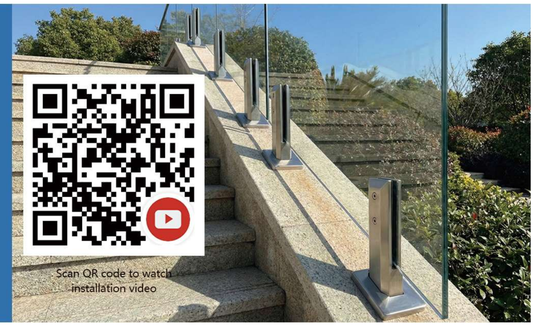


ITEM NO. **ADJ-BVL-GS**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

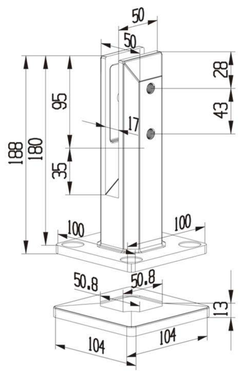
Weight
2.05 kg

ANGLED BASE FLOOR GLASS SPIGOT

- Angled Base Glass Spigot for Glass Up to 12mm
- Customizable Threaded Holes, Fits 35° (30°/40° Optional) Stairs
- Mainly Used for Stair Railings to Install Tilted Glass







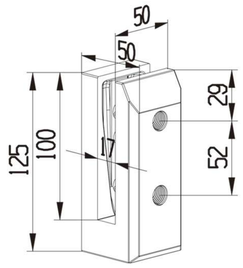


ITEM NO. **ADJ-STR-GS**
Square Deck-mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.20 kg

SIDE MOUNTED GLASS SPIGOT

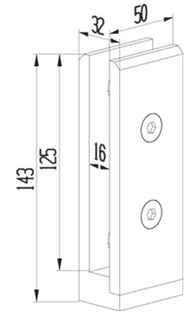




ITEM NO. **ADJ-GW-GS**
Glass to Wall Mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.50 kg



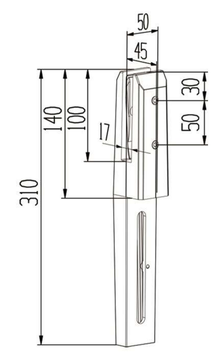


ITEM NO. **C-SF-01**
Glass to Wall Mounted
Glass Thickness: 3/8"-9/16" (10-14mm)
Material: 2205/316/304

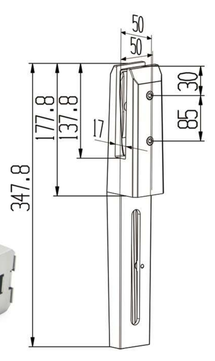
Weight
1.00 kg











ITEM NO. **ASD-10**
Fence Spigots Edge Mounted
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

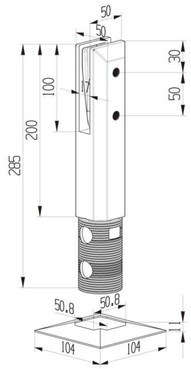
Weight
1.80 kg

ITEM NO. **ASD-11**
Fence Spigots Edge Mounted
Glass Thickness: 17/32" (13.52 mm)
Material: 2205/316/304

Weight
2.22 kg

CORE DRILL
GLASS SPIGOT





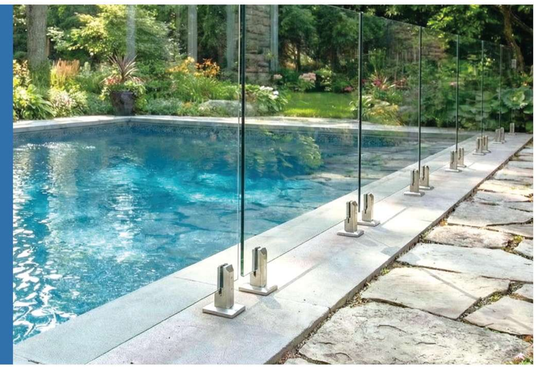


ITEM NO. **188SC285**
Square Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

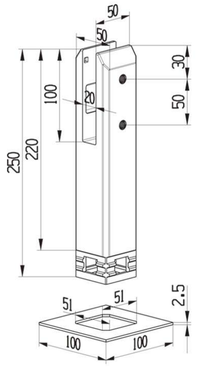
Weight
2.11 kg

CORE DRILL
GLASS SPIGOTS

- Core Drill Glass Spigot for 12-15mm Glass
- Stainless Steel, Floor-embedded, Seamless Design
- For Various Glass & Finishes, Widely Used Outdoors





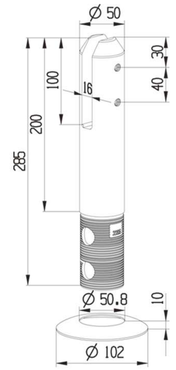




ITEM NO. **LS-DSC**
Square Core Drill
Glass Thickness: 1/2"-19/32" (12-15mm)
Material: 2205/316/304

Weight
2.44 kg

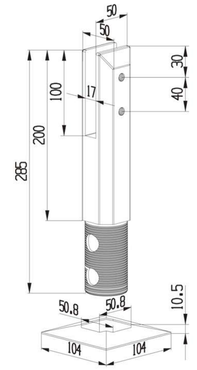




ITEM NO. **LS-ARC**
Round Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.85 kg

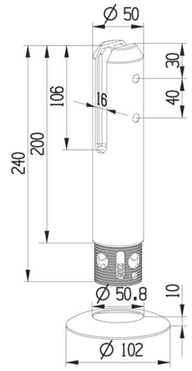




ITEM NO. **LS-ASC**
Square Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.18 kg

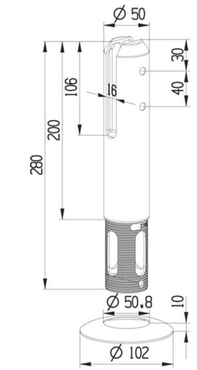




ITEM NO. **LS-BRC**
Round Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.10 kg

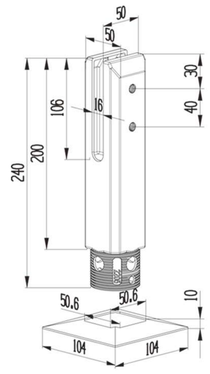




ITEM NO. **LS-BRC-L**
Round Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.20 kg

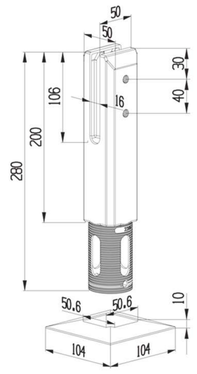




ITEM NO. **LS-BSC**
Square Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.38 kg

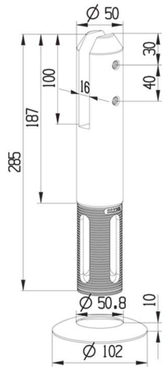




ITEM NO. **LS-BSC-L**
Square Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.46 kg

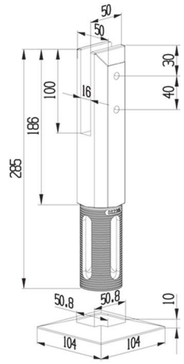




ITEM NO. **LS-CRC**
Round Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.85 kg

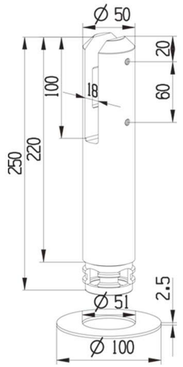




ITEM NO. **LS-CSC**
Square Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
2.35 kg

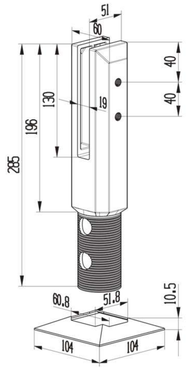




ITEM NO. **LS-DRC**
Round Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.96 kg

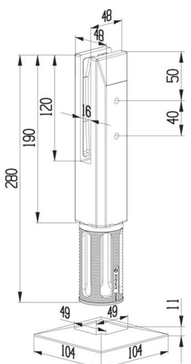




ITEM NO. **AM-15**
Square Core Drill
Glass Thickness: 1/2"-19/32" (12-15 mm)
Material: 2205/316/304

Weight
2.62 kg

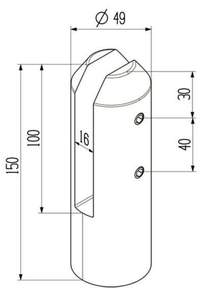




ITEM NO. **LS-OSC**
Square Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

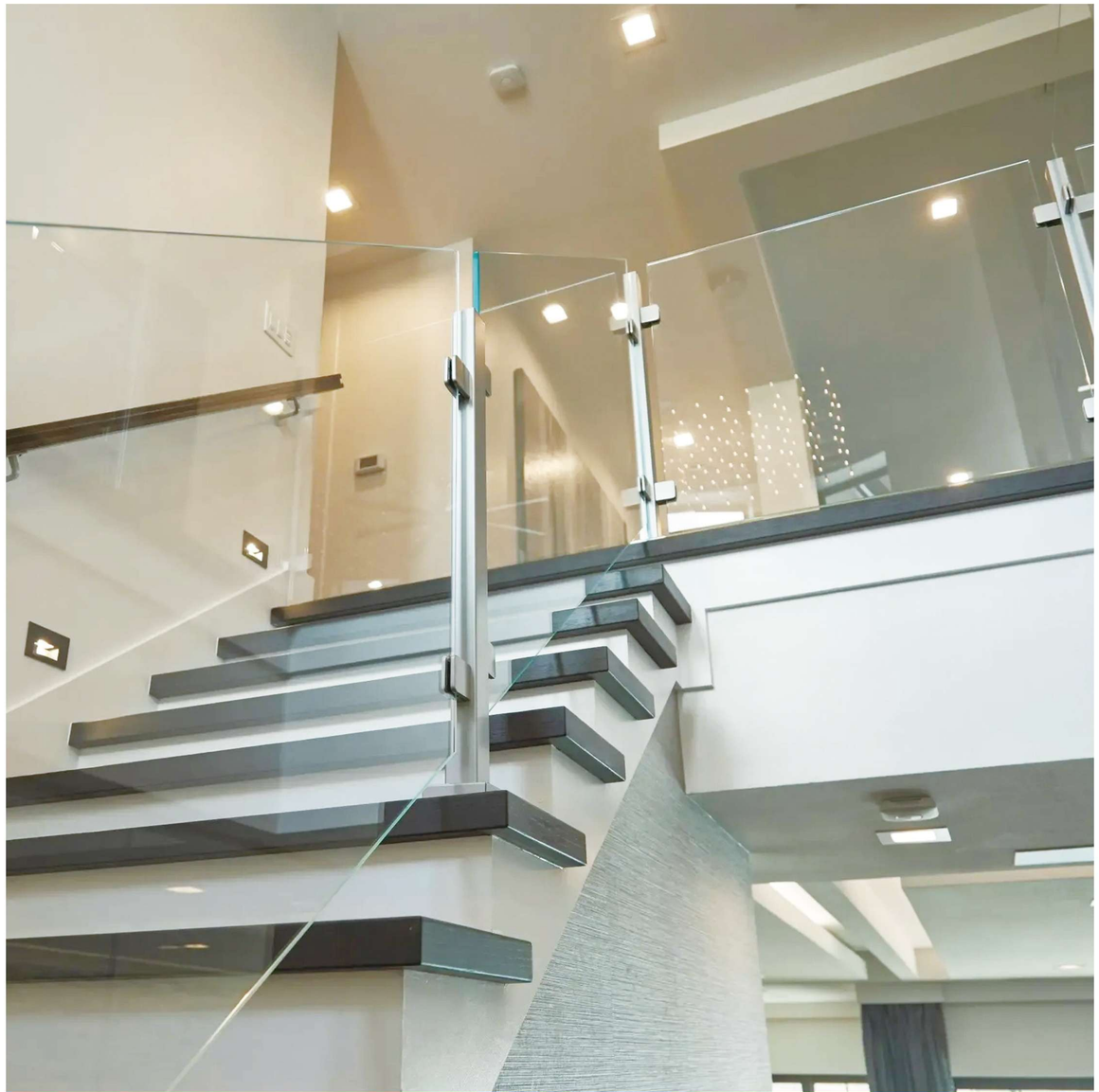
Weight
1.65 kg





ITEM NO. **DE-KRC-SPIG**
Round Core Drill
Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
1.70 kg



GLASS CLAMPS

GLASS THICKNESS
10mm 12mm

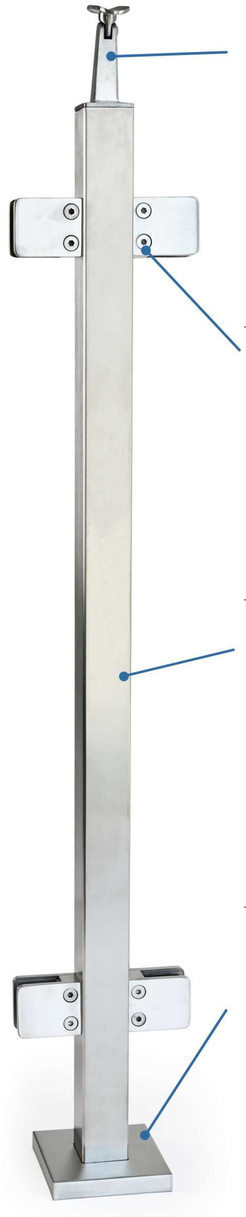


PARTITION POSTS KITS

- Designed for Use With 1/2"-19/32"(12-15mm) Tempered Glass
- Available in Satin Brushed, Mirror Polish and Matte Black Finishes
- Can be Customized



RAILING COMPONENT OPTIONS



TOP POST OPTIONS



POST CAP



ADJUSTABLE HEIGHT FIXED STEM



ADJUSTABLE HEIGHT SWIVEL STEM

GLASS FITTING OPTIONS (FOR 5/16" TO 1/2")



ROUND TYPE GLASS CLAMP



SQUARE TYPE GLASS CLAMPS



GLASS TO ROUND POST

POST PROFILE OPTIONS



1.5"-2" DIAMETER GUARDRAIL POST



2"SQUARE GUARDRAIL POST



1" X 2" NARROW RECTANGULAR GUARDRAIL POST

MOUNTING OPTIONS



ROUND TYPE COVER PLATE

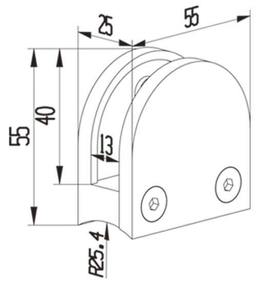


SQUARE TYPE COVER PLATE



SQUARE TYPE COVER PLATE



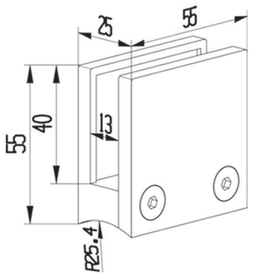


ROUND TYPE GLASS CLAMP

- Glass Thickness: 3/8"-1/2" (10-12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.24kg
- Suitable for Large Display Windows, Partition Glass, Glass Balustrades
- For Round Post

ITEM NO. **L6015-H**
Glass to Round Post



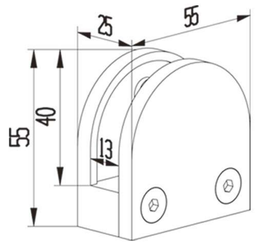


SQUARE TYPE GLASS CLAMPS

- Glass Thickness: 3/8"-1/2" (10-12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.27kg
- Suitable for Large Display Windows, Partition Glass, Glass Balustrades
- For Round Post

ITEM NO. **L6016-H**
Glass to Round Post



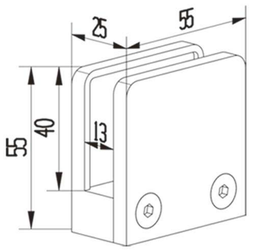


ROUND TYPE GLASS CLAMP

- Glass Thickness: 3/8"-1/2" (10-12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.26kg
- Suitable for Large Display Windows, Partition Glass, Glass Balustrades
- For Square Post

ITEM NO. **L6015-P**
Glass to Square Post/Wall





SQUARE TYPE GLASS CLAMPS

- Glass Thickness: 3/8"-1/2" (10-12 mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.26kg
- Suitable for Large Display Windows, Partition Glass, Glass Balustrades
- For Square Post

ITEM NO. **L6016-P**
Glass to Square Post/Wall

RADIUS BASE



Front View



Rear View

FLAT BASE



Front View



Rear View

RADIUS BASE



Front View



Rear View

FLAT BASE

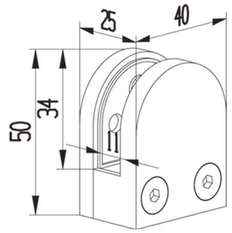


Front View



Rear View





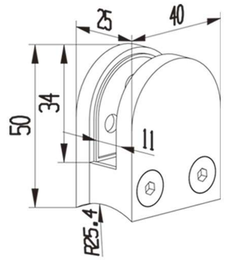
ITEM NO. **L6001**

Glass to Square Post/Wall

Glass Thickness: 5/16"-3/8"(8-10 mm)
Material: 2205/316/304

Weight
0.20 kg





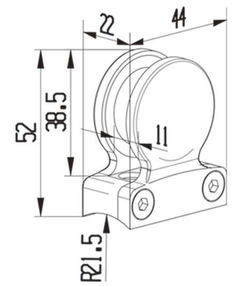
ITEM NO. **L6003**

Glass to Round Post

Glass Thickness: 5/16"-3/8" (8-10 mm)
Material: 2205/316/304

Weight
0.20 kg





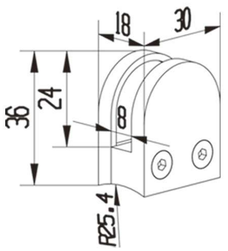
ITEM NO. **L6007**

Glass to Round Post

Glass Thickness: 5/16"-3/8" (8-10 mm)
Material: 2205/316/304

Weight
0.16 kg





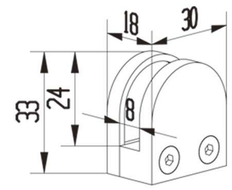
ITEM NO. **L6013**

Glass to Round Post

Glass Thickness: 5/32" (6 mm)
Material: 2205/316/304

Weight
0.08 kg





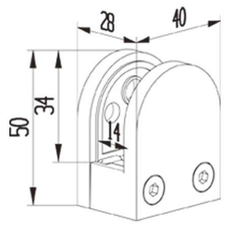
ITEM NO. **L6014**

Glass to Square Post/Wall

Glass Thickness: 5/32" (6 mm)
Material: 2205/316/304

Weight
0.08 kg





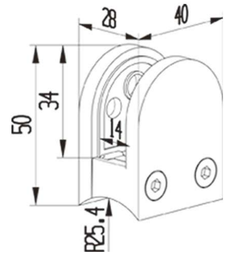
ITEM NO. **L6021**

Glass to Square Post/Wall

Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

Weight
0.22 kg





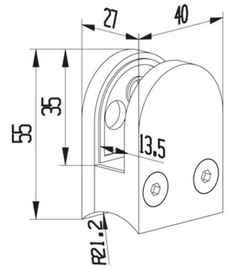
ITEM NO. **L6023**

Glass to Round Post

Glass Thickness: 1/2" (12 mm)
Material: 2205/316/304

Weight
0.21 kg





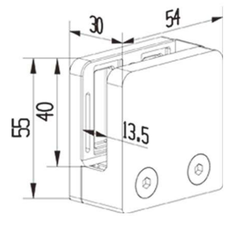
ITEM NO. **L6024**

Glass to Round Post

Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

Weight
0.22 kg





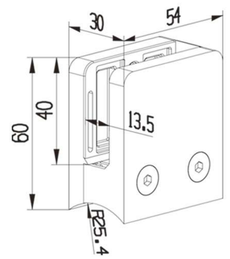
ITEM NO. **XDCS200**

Glass to Square Post/Wall

Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

Weight
0.32 kg





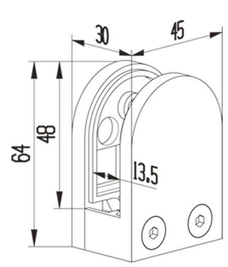
ITEM NO. **XDCS200R**

Glass to Round Post

Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

Weight
0.34 kg





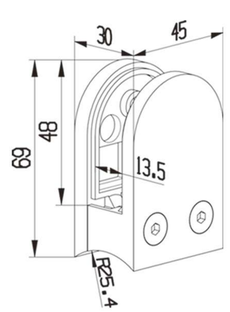
ITEM NO. **XDCR200**

Glass to Square Post/Wall

Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

Weight
0.24 kg





ITEM NO. **XDCR200R**

Glass to Round Post

Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

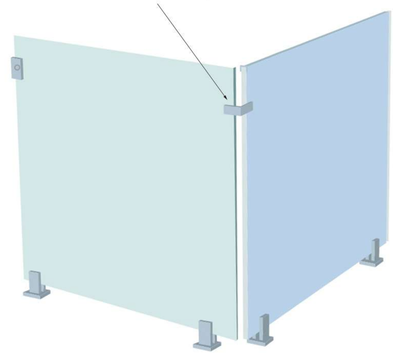
Weight
0.27 kg

GLASS RAILING SOLUTIONS

- Designed for Use With 3/8"-1/2" (10-12 mm) Tempered Glass
- Available in Satin Brushed, Mirror Polish and Matte Black Finishes
- Can be Customized

STAINLESS STEEL TOP RAIL COMPONENTS

- The Guardrails are Continuously Installed Along the Posts, Clamps and Glass Panels, with Clean and Uniform Lines That Fit all Curves of the Terrace or Staircase
- They are Equipped with a Variety of Elbows to Adapt to Any Directional Changes
- The Top Rails are Available in Three Shapes: Round, Square and Rectangular
- Most Styles Can be Matched with Different Posts to Achieve a Customized Post & Rail Combination



LS-WB-S25SL
See Page 53
for Fittings



LS-2509
See Page 49
for Fittings



LS-L-TR2520-LR
See Page 50
for Fittings



LS-S22
See Page 48
for Tubes



ASD-3
See Pages 08-21
for Spigots



C-S180A
See Pages 36-37
for Fittings



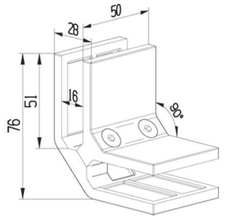
C-180F
See Pages 36-37
for Fittings



C-WF
See Pages 36-37
for Fittings







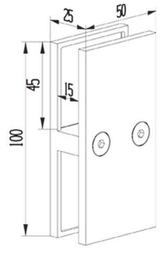
ITEM NO. **L6017**

90° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.58 kg





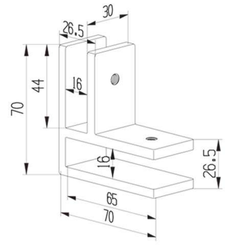
ITEM NO. **L6018-L**

180° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.41 kg





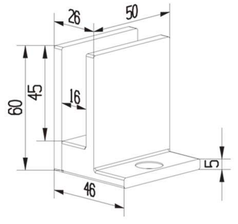
ITEM NO. **C-S90F**

90° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.30kg





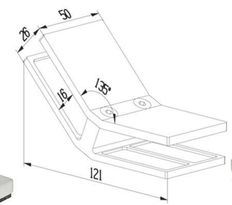
ITEM NO. **C-S90W**

90° Glass to Wall

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.38 kg





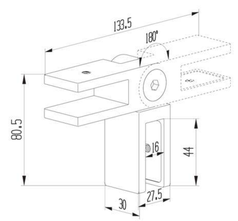
ITEM NO. **C-S135**

135° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.59 kg





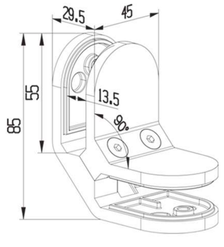
ITEM NO. **C-S180A**

180° Adjustable Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.46 kg





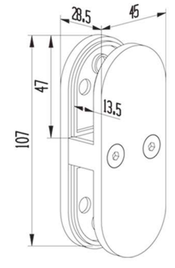
ITEM NO. **DCR90**

90° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.58 kg





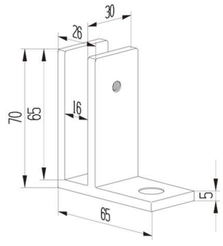
ITEM NO. **DCR180**

180° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.42 kg





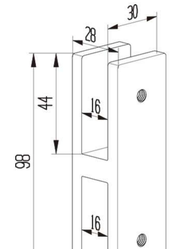
ITEM NO. **C-WF**

90° Glass to Wall

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.22 kg





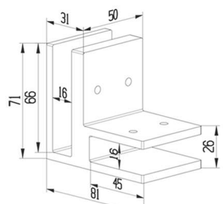
ITEM NO. **C-180F**

180° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.33 kg





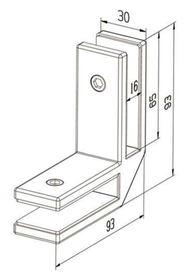
ITEM NO. **GC90**

90° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.74 kg





ITEM NO. **L0149-ECC**

90° Glass to Glass

Glass Thickness: 3/8"-1/2" (10-12 mm)
Material: 2205/316/304

Weight
0.27 kg

RAILING FITTINGS

GLASS THICKNESS
10mm 12mm

GLASS RAILING HANDRAILS & ACCESSORIES

-Round, Square, and Rectangular Profiles
-Made of 2205/316/304 Stainless Steel
-Full Line of Accessory Items
-Design and Installation Assistance
-Stock and Custom Sizes or Shapes Available

NTR-R42.4-8
See Pages 44-45
for Fittings



LS-S42
See Page 43
for Tubes



LS-SHB-4
See Page 65
for Brackets



HR-42180
See Page 46
for Fittings



LS-R9042
See Page 44
for Fittings



NTR-R42.4-16
See Page 46
for Fittings



L6016-H
See Pages 30-33
for Clamps



LS-BP50







ROUND SLOTTED HANDRAIL

Material: 2205/304/316 Stainless Steel

Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

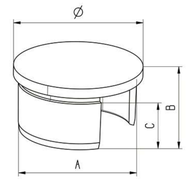


Item No.	Diameter (mm)	U Size (mm)	Thickness (mm)
LS-S01	25.4	14*14	1.2
LS-S02	38.1	15*15	1.2
LS-S03	42.4	24*24	1.2
LS-S04	48.3	27*30	1.2
LS-S05	50.8	15*15	1.2
LS-S07	38.1	15*15	1.5
LS-S08	42.4	24*24	1.35
LS-S09	48.3	30*27	1.2
LS-S10	50.8	20*20	1.2
LS-S11	63.5	18.5*21	1.2
LS-S12	60.3	34*34	1.35
LS-S14	76.2	26*25	1.35

PIPE FITTINGS

- Material: 2205/316/304 Stainless Steel
- Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

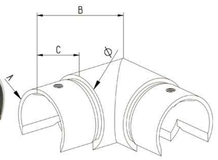




END CAP

Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
38-CAP	38.1	35.1	25	30
42-CAP	42.4	38.4	30	35
50-CAP	50.8	47.8	35	40

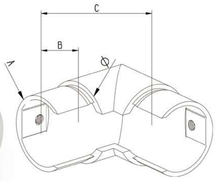




HORIZONTAL 90° CORNER

Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-3890P	38.1	35.1	68.1	23.5
HR-4290P	42.4	38.4	61	30
HR-5090P	50.8	47.8	83.5	24

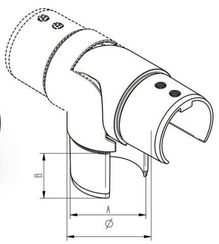




VERTICAL 90° CORNER

Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-3890VS	38.1	35.1	63.8	21.5
HR-4290VS	42.4	38.4	65	23.5
HR-5090VS	50.8	47.8	81	25





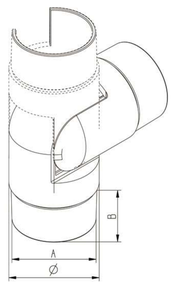
VERTICAL ADJUSTABLE JOINER

Item No.	Ø (mm)	A (mm)	B (mm)
LS-AD38T	38.1	35.1	25
LS-AD42T	42.4	38	30
LS-AD50T	50.8	48.4	30

PIPE FITTINGS

- Material: 2205/316/304 Stainless Steel
- Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

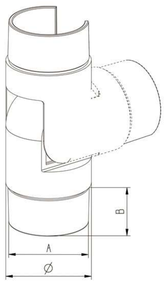




HORIZONTAL ADJUSTABLE JOINER

Item No.	Ø (mm)	A (mm)	B (mm)
AF-R38-H	38.1	35.6	25
AF-R42-H	42.4	38.4	25
AF-R50-H	50.8	48.4	25

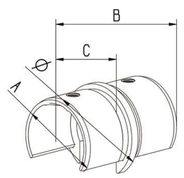




VERTICAL ADJUSTABLE JOINER

Item No.	Ø (mm)	A (mm)	B (mm)
AF-R38-V	38.1	35.6	25
AF-R42-V	42.4	38.4	25
AF-R50-V	50.8	48.4	25

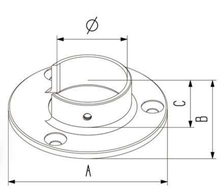




STRAIGHT JOINER

Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-38SJ	38.1	35.1	51	23.8
NTR-R42.4-4	42.4	39.4	66.5	30
HR-50SJ	50.8	48.4	74	35





WALL MOUNT FLANGE

Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-38BP-C	38.1	90	30.5	26
NTR-R42.4-16	42.4	90	30	23.5
HR-50BP-C	50.8	102.5	29.6	25





ROUND HANDRAIL

Material: 2205/316/304 Stainless Steel

Handrail Diameter: 1½" (38.1 mm) and 2" (50.8 mm)

Item No.	Diameter (mm)	Thickness
LS-S17	38.1	1.2
LS-S42	42.4	1.2
LS-S18	48.3	1.2
LS-S19	50.8	1.2
LS-S20	50.8	1.2

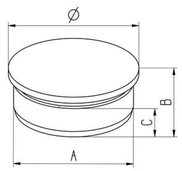


PIPE FITTINGS

- Material: 2205/316/304 Stainless Steel
- Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

END CAP

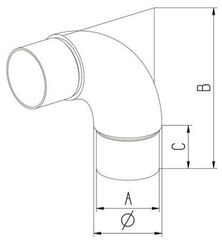




Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
RAJ-38–CAP	38.1	35.1	25	30
RAJ-42–CAP	42.4	38.4	30	35
RAJ-50–CAP	50.8	47.8	35	40

ELBOW JOINER 90° RADIUSED

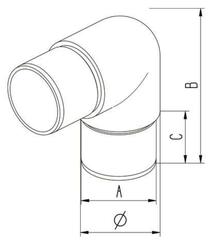




Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-3890VR	38.1	35.1	76	25
HR-4290VR	42.4	38.4	80	25
HR-5090VR	50.8	47.8	89.5	24.5

ELBOW JOINER 90° STRAIGHT

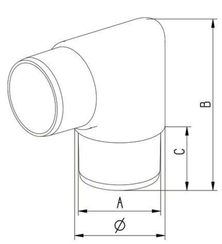




Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-3890	38.1	35.1	76	25
HR-4290	42.4	38.4	80	25
HR-5090	50.8	47.8	83.5	25

ELBOW JOINER 90° STRAIGHT





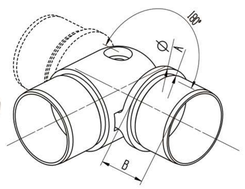
Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
LS-R9038	38.1	35.1	76	25
LS-R9042	42.4	38.4	82	30
LS-R9050	50.8	47.8	82	30

PIPE FITTINGS

- Material: 2205/316/304 Stainless Steel
- Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

ADJUSTABLE JOINER

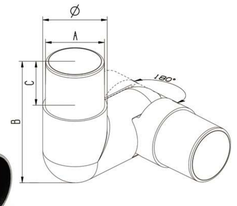




Item No.	Ø (mm)	A (mm)	B (mm)
TJR3890180	38.1	35.6	25
NTR-R42.4-1	42.4	38.4	25
TJR5090180	50.8	47.8	25

VERTICAL 90˚ CORNER

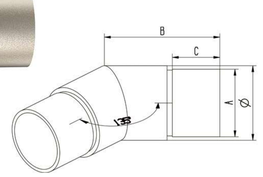




Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
LS -AJ9038V	38.1	35.1	80	30
LS -AJ9042V	42.4	38.4	85	30
LS -AJ9050V	50.8	47.8	102	40

HORIZONTAL 135˚ CORNER

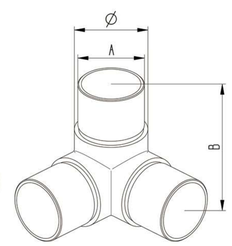




Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
LS-13538	38.1	35.1	61	30
NTR-R42.4-8	42.4	38.4	61	30
LS-13550	50.8	47.8	66	30

TEE



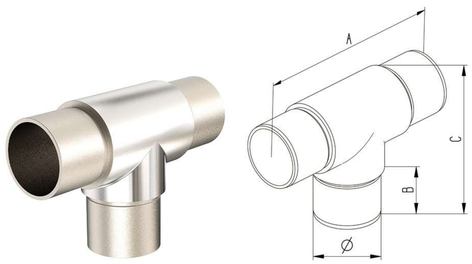


Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
SR-38	38.1	35.1	76	25
NTR-R42.4-9	42.4	38.4	81	30
SR-50	50.8	47.8	86	30

PIPE FITTINGS

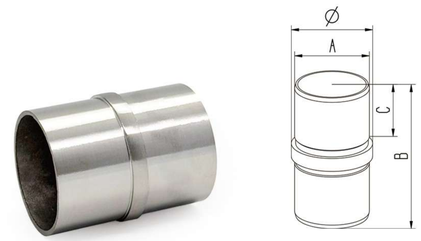
- Material: 2205/316/304 Stainless Steel
- Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

TEE



Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
TR-38	38.1	108	25	76
NTR-R42.4-10	42.4	121	30	82
TR-50	50.8	130	30	90

180° JOINER



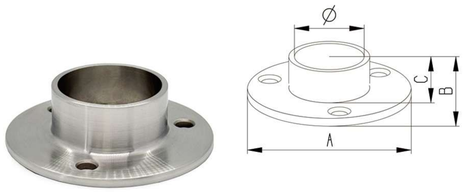
Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-38180	38.1	35.1	56	25
HR-42180	42.4	38.4	56	25
LS-9019	50.8	47.8	66	30

ADJUSTABLE JOINER



Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-38SA	38.1	35.1	118.7	25
NTR-42.4-11	42.4	38.4	125.5	25
HR-50SA	50.8	47.8	140.6	30

WALL MOUNT FLANGE

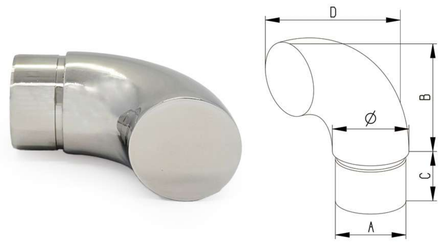


Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)
HR-38BP	38.3	90	30.5	26
NTR-42.4-17	42.4	80	25	20
HR-50BP	51.3	102.5	29.6	25

PIPE FITTINGS

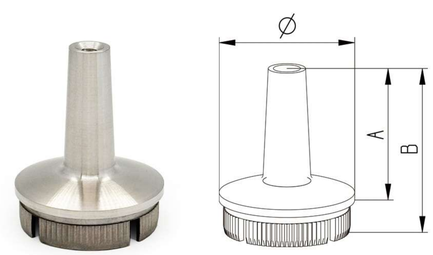
- Material: 2205/316/304 Stainless Steel
- Handrail Diameter: 1½" (38.1mm) - 2" (50.8mm)

90° ELBOW



Item No.	Ø (mm)	A (mm)	B (mm)	C (mm)	D (mm)
HR-38EE	38.1	35.1	71	26.5	71
HR-42EE	42.4	38.4	76.5	25.5	76
HR-50EE	50.8	47.8	81	25.5	81

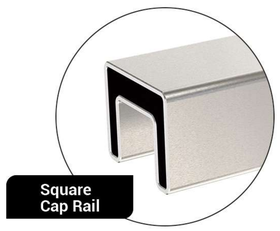
END CAP



Item No.	Ø (mm)	A (mm)	B (mm)
LS-5090338	38.1	39	51
LS-5090342	42.4	46	57
LS-5090350	50.8	51	63





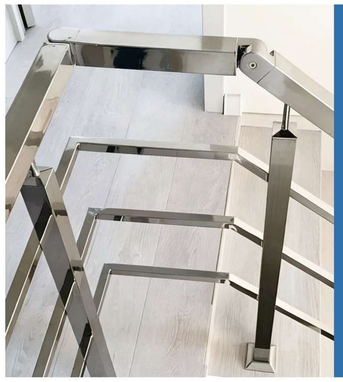


SQUARE SLOTTED HANDRAIL

Material: 2205/316/304 Stainless Steel

Item No.	External Size (mm)	U Size (mm)	Thickness (mm)
LS-S22	21*25	14*14	1.2
LS-S23	25*25	15*15	1.2
LS-S24	30*30	15*15	1.2
LS-S25	50.8*50.8	20*20	1.2
LS-S06	60*40	24*24	1.2

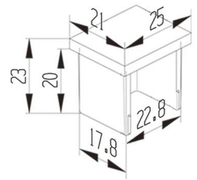




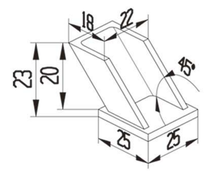
FITTINGS FOR 21MM × 25MM SQUARE HANDRAIL CONNECTORS

Rectangular Tubing: 13/16" (21mm)x1" (25mm)
Material: 2205/316/304 Stainless Steel
Suitable for Pool Fencing, Glass Balustrades, Deck Railings





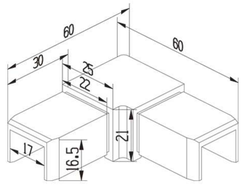




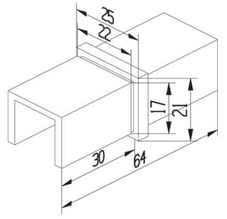
ITEM NO. **LS-NTR-SE**
End Cap
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.04 kg

ITEM NO. **LS-NTR-S45**
45° End Cap
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.04 kg



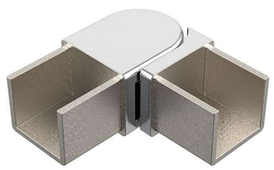


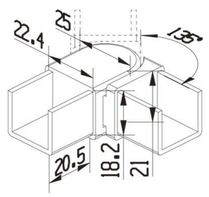




ITEM NO. **LS-2508**
90° Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.15 kg

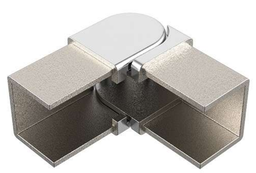
ITEM NO. **LS-2509**
180° Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.08 kg

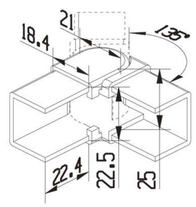




ITEM NO. **LS-AJ-S25-H**
Horizontal Adjustable Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.15 kg

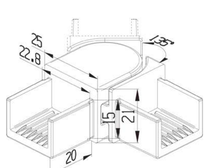




ITEM NO. **LS-AJ-S25-V**
Vertical Adjustable Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.10 kg

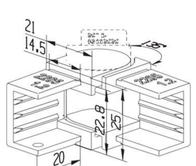




ITEM NO. **LS-L-TR2520-LR**
Left & Right Adjustable Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.16 kg

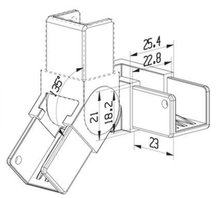




ITEM NO. **LS-L-TR2520-UP**
Up & Down Adjustable Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.14 kg

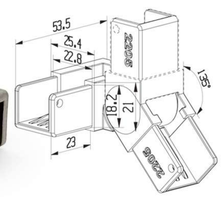




ITEM NO. **TR-HCVAJ-L**
Adjustable Joiner-Left
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.18 kg

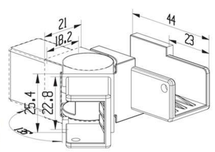




ITEM NO. **TR-HCVAJ-R**
Adjustable Joiner-Right
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.18 kg

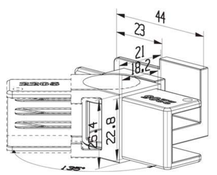




ITEM NO. **TR-VCVAJ-L**
Adjustable Joiner-Left
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.15 kg

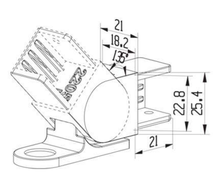




ITEM NO. **TR-VCVAJ-R**
Adjustable Joiner-Right
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.15 kg

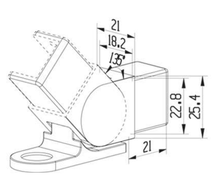




ITEM NO. **WBHA-S25X-HL**
Wall Bracket Adjustable-Left
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.11 kg

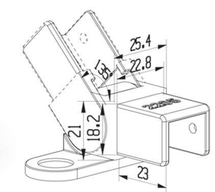




ITEM NO. **WBHA-S25X-HR**
Wall Bracket Adjustable-Right
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.11 kg

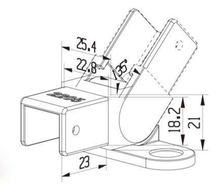




ITEM NO. **WBA-S25X-VL**
Wall Bracket Adjustable-Left
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.11 kg



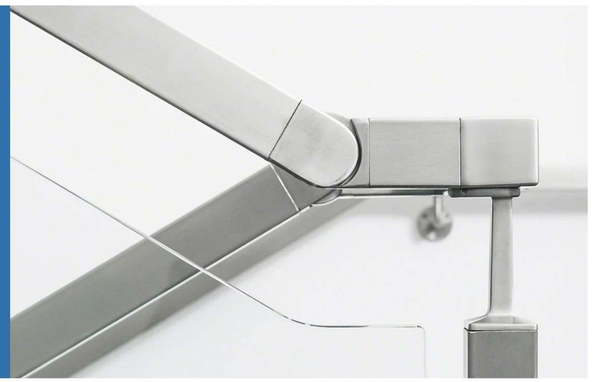


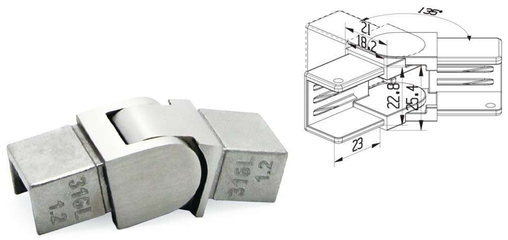
ITEM NO. **WBA-S25X-VR**
Wall Bracket Adjustable-Right
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304

Weight
0.11 kg

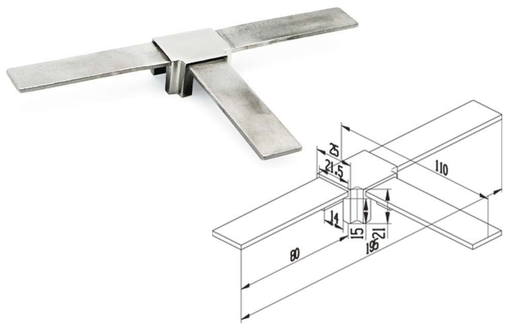
SWIVEL VERTICAL JOINER

Rectangular Handrail: 13/16"x1"(21x25mm)
Material: 2205/316/304 Stainless Steel

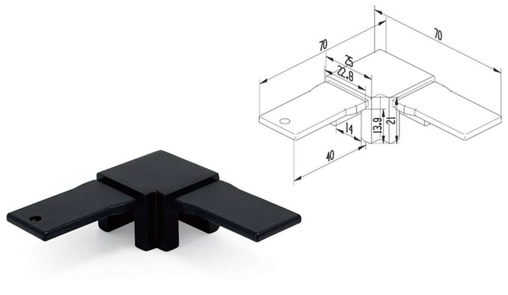




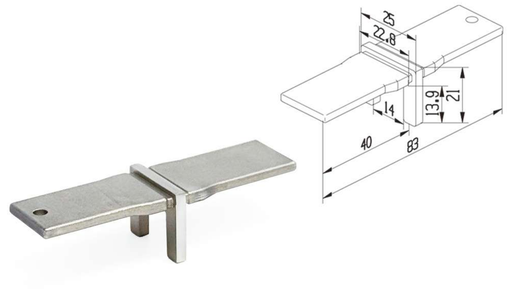
ITEM NO. **TR-SUDM2**
Vertical Adjustable Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.11 kg



ITEM NO. **LS-NTR-ST**
Tee
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.20 kg

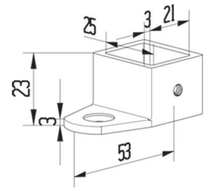


ITEM NO. **LS-NTR-S90**
90° Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.14 kg



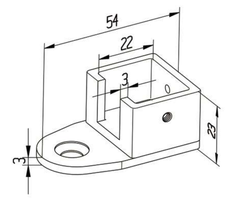
ITEM NO. **LS-NTR-S180**
180° Joiner
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.06 kg





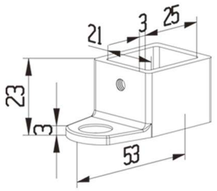
ITEM NO. **LS-NTR-SW**
Wall Bracket
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.09 kg





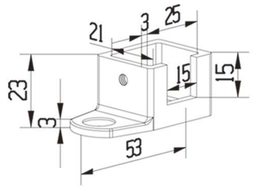
ITEM NO. **LS-NTR-SW-N**
Wall Bracket
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.09 kg





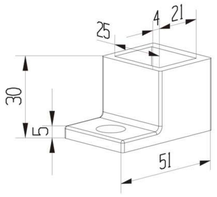
ITEM NO. **LS-WB-S25S**
Wall Bracket
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.09 kg



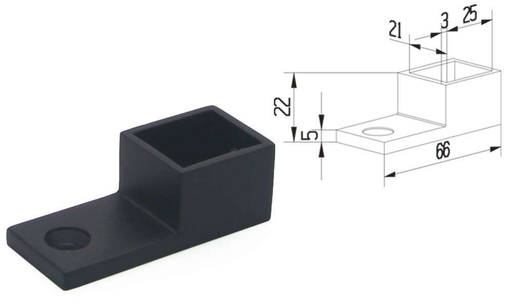


ITEM NO. **LS-WB-S25SL**
Wall Bracket
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.08 kg





ITEM NO. **LS-2502**
Wall Bracket
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.12 kg



ITEM NO. **LS-2503**
Wall Bracket
Rectangular Tubing: 13/16"x1" (21x25mm)
Material: 2205/316/304
Weight 0.10 kg

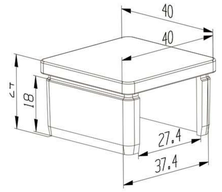
FITTINGS FOR 40MM × 40MM SQUARE HANDRAIL CONNECTORS

Rectangular Tubing: 1 19/32" (40mm)x1 19/32" (40mm)
Material: 2205/316/304 Stainless Steel
Suitable for Pool Fencing, Glass Balustrades, Deck Railings



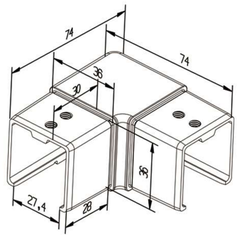


ITEM NO. **LS-EC4040T**
End Cap
Rectangular Tubing: 1 19/32"x1 19/32" (40x40mm)
Material: 2205/316/304
Weight 0.09 kg

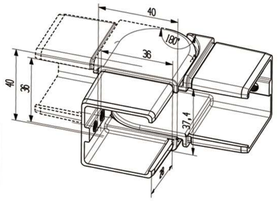


ITEM NO. **LS-S9040T**
90° Joiner
Rectangular Tubing: 1 19/32"x1 19/32" (40x40mm)
Material: 2205/316/304
Weight 0.29 kg



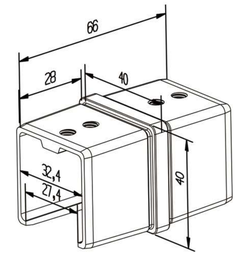






ITEM NO. **LS-AD4040T**
Adjustable Joiner
Rectangular Tubing: 1 19/32"x1 19/32" (40x40mm)
Material: 2205/316/304
Weight 0.36 kg

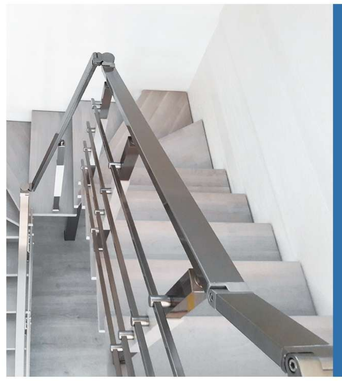




ITEM NO. **LS-S18040T**
180° Joiner
Rectangular Tubing: 1 19/32"x1 19/32" (40x40mm)
Material: 2205/316/304
Weight 0.14 kg

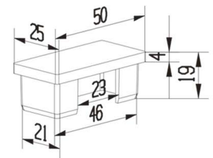
FITTINGS FOR 50MM × 25MM SQUARE HANDRAIL CONNECTORS

Rectangular Tubing: 2" (50mm)x1" (25mm)
Material: 2205/316/304 Stainless Steel
Suitable for Pool Fencing, Glass Balustrades, Deck Railings



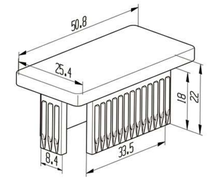


ITEM NO. **LS-8141350**
End Cap
Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304
Weight 0.06 kg

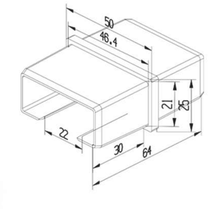


ITEM NO. **AL-REC508254**
End Cap
Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304
Weight 0.07 kg



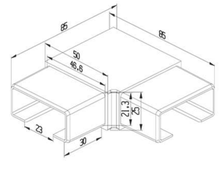






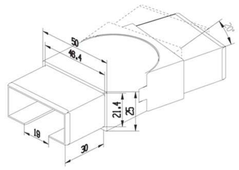
ITEM NO. **LS-8141250**
180° Joiner
Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304
Weight 0.13 kg





ITEM NO. **LS-8141450**
90° Joiner
Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304
Weight 0.31 kg





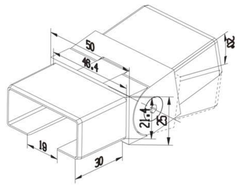
ITEM NO. **LS-8141750**

Horizontal Adjustable Joiner

Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304

Weight
0.61 kg





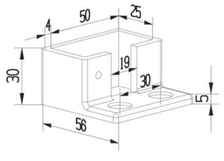
ITEM NO. **LS-8141850**

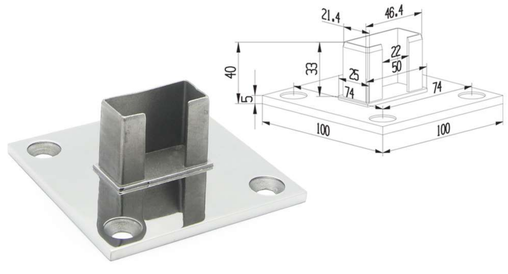
Vertical Adjustable Joiner

Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304

Weight
0.61 kg







ITEM NO. **LS-8041650**

Wall Bracket

Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304

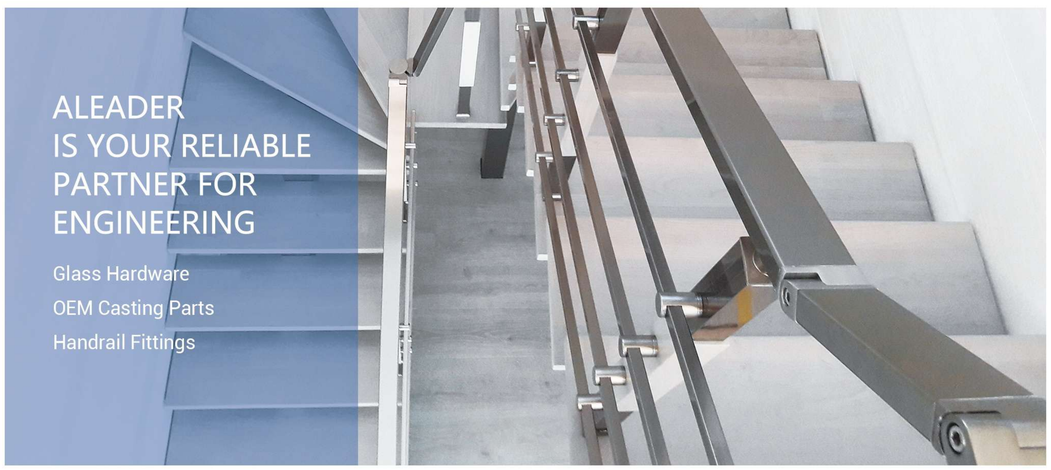
Weight
0.17 kg

ITEM NO. **LS-8141650**

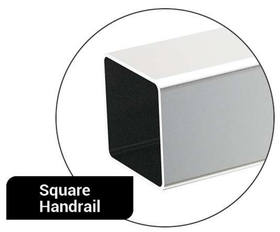
Wall Bracket

Rectangular Tubing: 2"x1" (50x25mm)
Material: 2205/316/304

Weight
0.45 kg









SQUARE HANDRAIL TUBE

Material: 2205/316/304 Stainless Steel

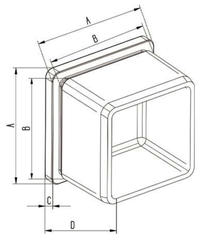
Item No.	External Size (mm)	Internal Size (mm)	Thickness (mm)
LS-S26	38.1*38.1	35.1*35.1	1.5
LS-S27	50*50	44*44	3.0
LS-S28	50*50	48*48	1.0
LS-S29	38.1*38.1	36.1*36.1	1.0
LS-S30	50*10	47*7	1.5
LS-S31	30*15	27*12	1.5
LS-S32	40*15	38*13	1.0
LS-S33	50*25	47*22	1.5
LS-S34	75.5*45	74*43.5	1.0
LS-S35	100*44	96*40	2.0

PIPE FITTINGS

- Material: 2205/316/304 Stainless Steel
- Handrail Size: 38.1x38.1mm，42.4x42.4mm，50.8x50.8mm

END CAP

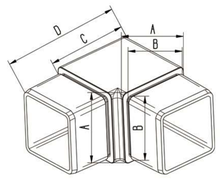




Item No.	A (mm)	B (mm)	C (mm)	D (mm)
LS-EC3838	38.1	35.1	4	35
LS-EC4040	40	36	4	35

90° JOINER

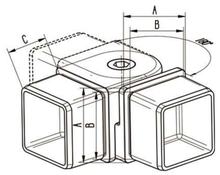




Item No.	A (mm)	B (mm)	C (mm)	D (mm)
LS-S9038	38.1	35.1	46	76
LS-S9040	40	36	46	76

ADJUSTABLE JOINER

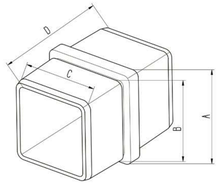




Item No.	A (mm)	B (mm)	C (mm)
LS-AD3838	38.1	35.1	38.1
LS-AD4040	40	36	48.3

180° JOINER





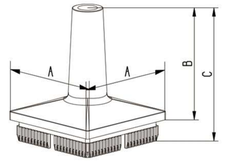
Item No.	A (mm)	B (mm)	C (mm)	D (mm)
LS-S18038	38.1	35.1	30	66
LS-S18040	40	36	30	66

PIPE FITTINGS

- Material: 2205/316/304 Stainless Steel
- Handrail Size: 38.1x38.1mm，42.4x42.4mm，50.8x50.8mm

END CAP

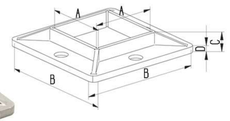




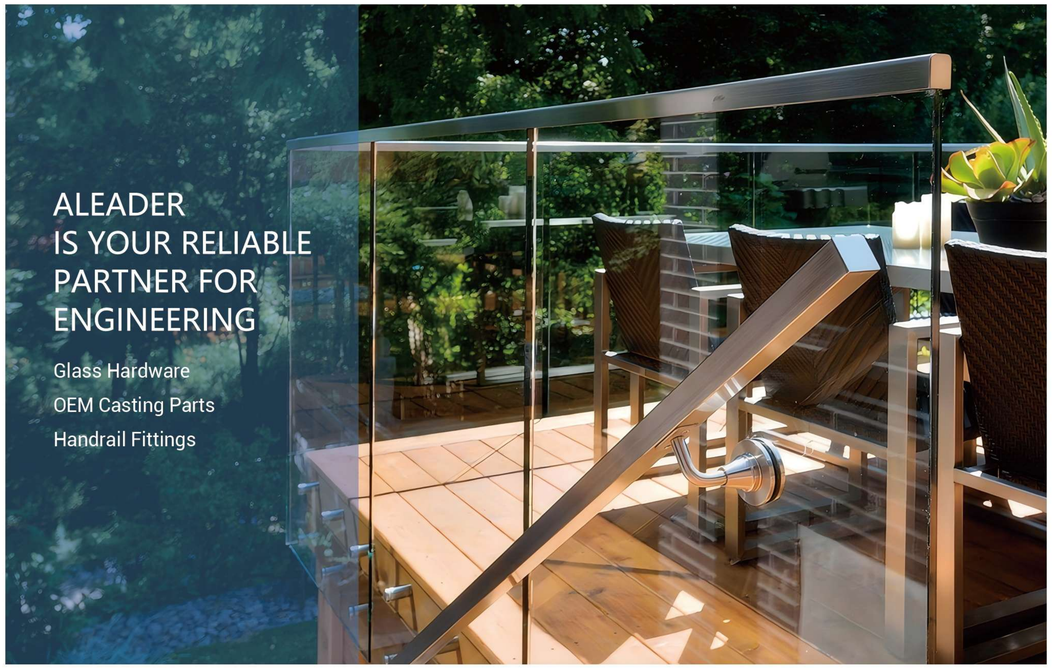
Item No.	A (mm)	B (mm)	C (mm)
LS-8020438	38.1	51	61
LS-8020450	50.8	54	64

BASE PLATE





Item No.	A (mm)	B (mm)	C (mm)	D (mm)
SP-FP	51.3	98	15	5

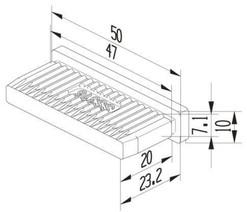


FITTINGS FOR 50MM × 10MM SQUARE HANDRAIL

- Material: 2205/316/304 Stainless Steel
- Suitable for Glass Balustrades, Deck Railings



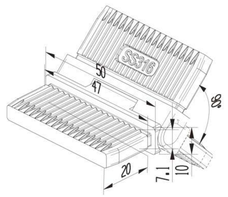




ITEM NO. **LS-5010-EC**
End Cap
Rectangular Tubing: 2"x3/8" (50x10mm)
Material: 2205/316/304

Weight
0.06 kg

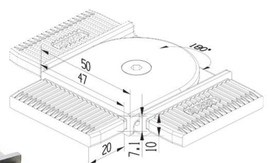




ITEM NO. **LS-5010-UD**
Vertical Adjustable Joiner
Rectangular Tubing: 2"x3/8" (50x10mm)
Material: 2205/316/304

Weight
0.11 kg

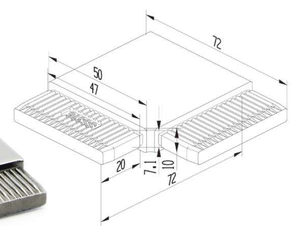




ITEM NO. **LS-5010-LR**
Horizontal Adjustable Joiner
Rectangular Tubing: 2"x3/8" (50x10mm)
Material: 2205/316/304

Weight
0.28 kg

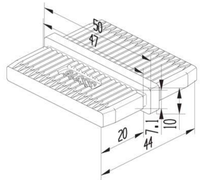




ITEM NO. **LS-5010-90**
90° Joiner
Rectangular Tubing: 2"x3/8" (50x10mm)
Material: 2205/316/304

Weight
0.32 kg

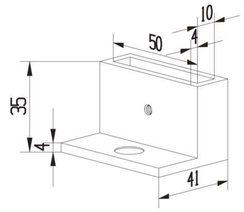




ITEM NO. **LS-5010-180**
180° Joiner
Rectangular Tubing: 2"x3/8" (50x10mm)
Material: 2205/316/304

Weight
0.11 kg

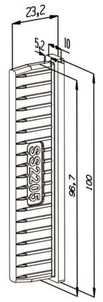




ITEM NO. **LS-5010-WB**
Wall Bracket
Rectangular Tubing: 2"x3/8" (50x10mm)
Material: 2205/316/304

Weight
0.19 kg





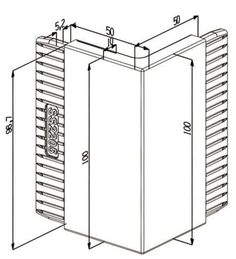
FITTINGS FOR 100MM × 10MM SQUARE TUBING

- Material: 2205/316/304 Stainless Steel
- Suitable for Glass Balustrades, Deck Railings

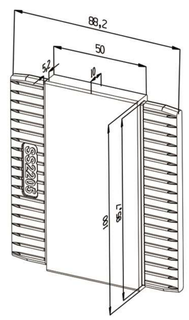
ITEM NO. **LS-10010-EC**
End Cap
Rectangular Tubing: 4"x3/8" (100x10mm)
Material: 2205/316/304

Weight
0.25 kg







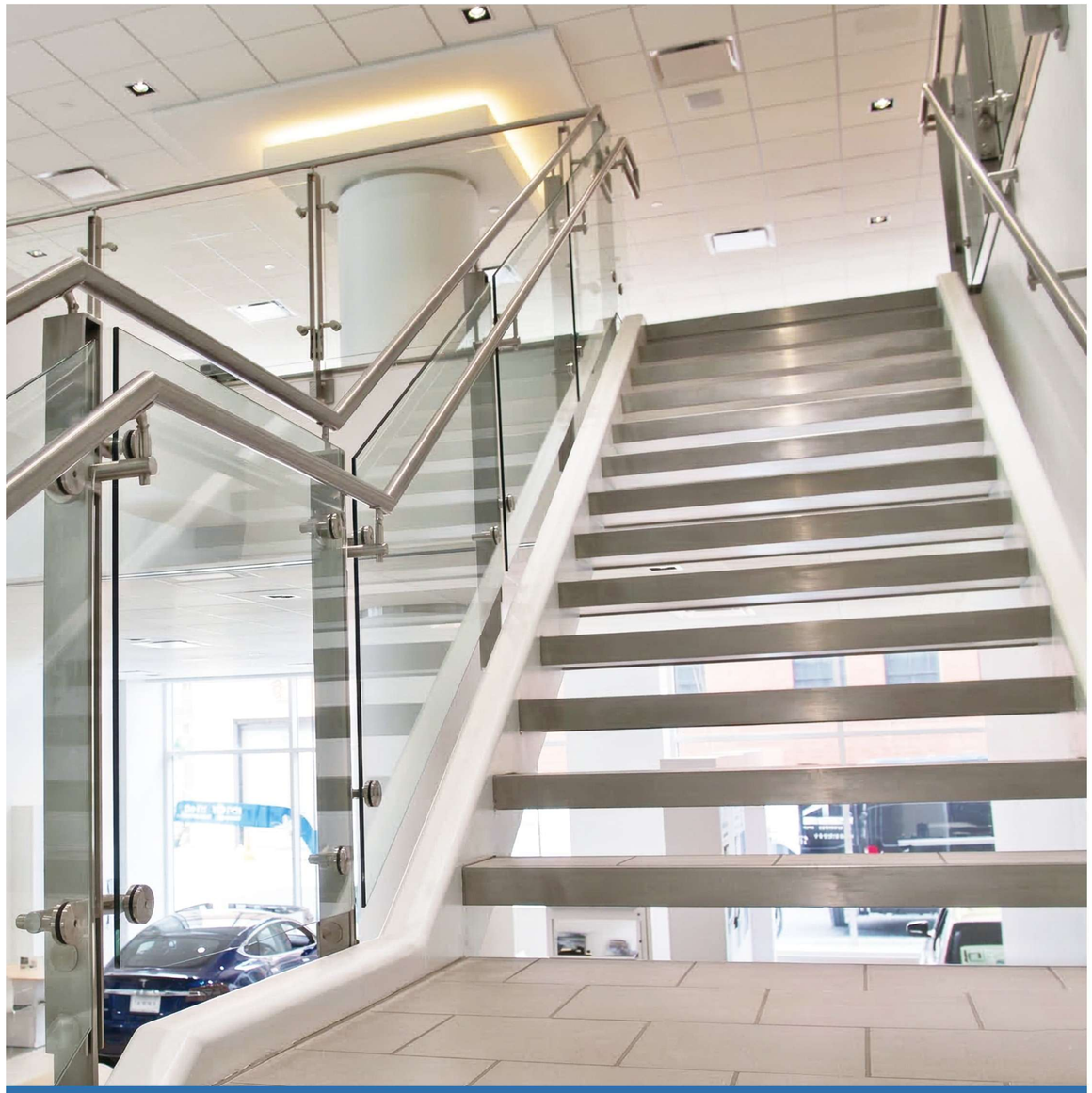


ITEM NO. **LS-10010-90**
90° Joiner
Rectangular Tubing: 4"x3/8" (100x10mm)
Material: 2205/316/304

Weight
0.25 kg

ITEM NO. **LS-10010-180**
180° Joiner
Rectangular Tubing: 4"x3/8" (100x10mm)
Material: 2205/316/304

Weight
0.25 kg



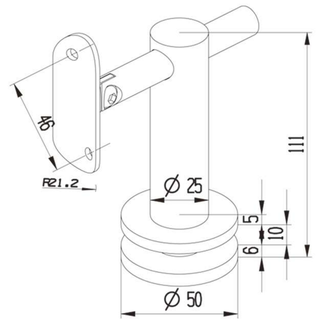
HANDRAIL BRACKETS

GLASS THICKNESS

10mm 12mm





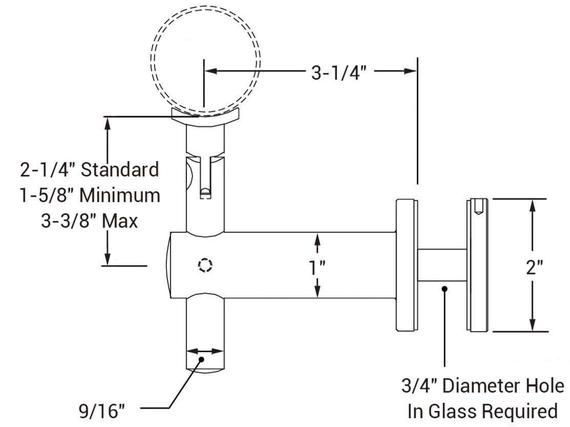


ITEM NO. **LS-WBT06**

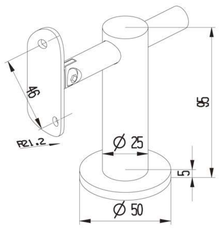
Glass Mounted Handrail Bracket

GLASS MOUNTED HANDRAIL BRACKET

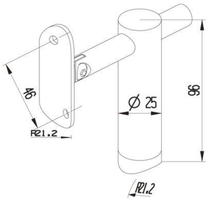
- Glass Thickness: 3/8" (10mm)
- Material: 2205/316/304 Stainless Steel
- Couping: 1¹¹⁄₁₆" (42.4mm)
- Weight: 0.62 kg
- Adjustable Stem Height
- Swivel Saddle Ideal for Stair and Ramp Installations











ITEM NO. **LS-WBT05**

Wall Mounted Handrail Bracket

Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight 0.50 kg

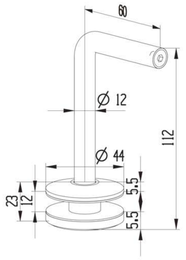
ITEM NO. **LS-WBT07**

Round Post Mounted Handrail Bracket

Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight 0.37 kg



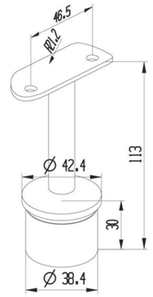


GLASS MOUNTED HANDRAIL BRACKET

- Glass Thickness: 3/8''(10mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.24kg
- Suitable for Glass Balustrades

ITEM NO. **LS-GB01**
Glass Mounted Handrail Bracket



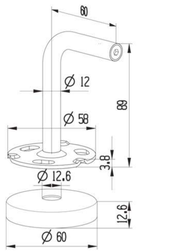


ROUND FIXED PIPE SUPPORT BRACKET

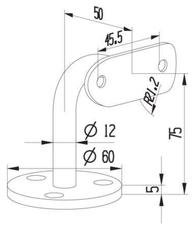
- For 1¹¹⁄₁₆" (42.4mm) Handrail
- Material: 2205/316/304 Stainless Steel
- Weight: 0.20kg
- Suitable for Glass Balustrades

ITEM NO. **LS-SHB-4**
Round Fixed Tube Support









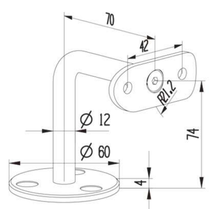
ITEM NO. **LS-WBT01**
Wall Mounted Handrail Bracket
Couping: 1½"- 2" (38.1-50.8mm)
Material: 2205/316/304

Weight
0.19 kg

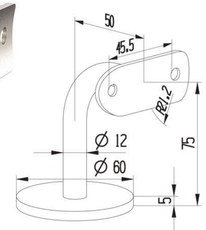
ITEM NO. **LS-WBT02**
Wall Mounted Handrail Bracket
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.19 kg









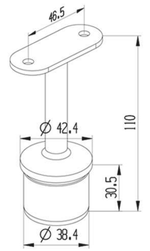
ITEM NO. **LS-WBT03**
Wall Mounted Handrail Bracket
Couping: 1½"- 2" (38.1-50.8mm)
Material: 2205/316/304

Weight
0.23 kg

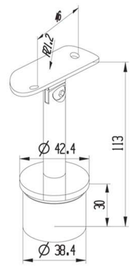
ITEM NO. **LS-WBT04**
Wall Mounted Handrail Bracket
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.25 kg









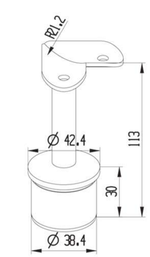
ITEM NO. **LS-SHB-3**
Round Fixed Tube Support
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.18 kg

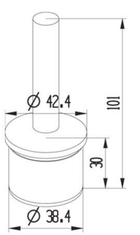
ITEM NO. **LS-SHB-5**
Round Swivel Tube Support
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.25 kg









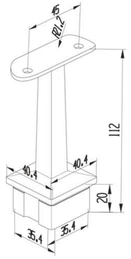
ITEM NO. **LS-SHB-6**
Round Fixed Tube Support
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.24 kg

ITEM NO. **LS-SHC-1**
Round Fixed Tube Support Without Saddle
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.18 kg

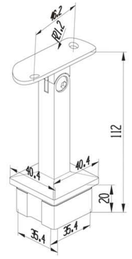




ITEM NO. **LS-SHB-1**
Square Fixed Tube Support
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.25 kg

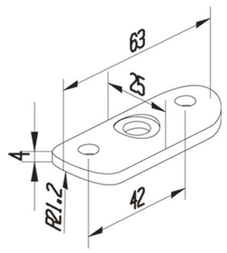




ITEM NO. **LS-SHB-2**
Square Swivel Tube Support
Couping: 1¹¹⁄₁₆" (42.4mm)
Material: 2205/316/304

Weight
0.24 kg



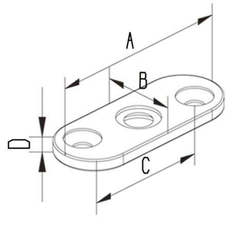


ITEM NO. **LS-CRADLE42**
Replacement Curved Saddle

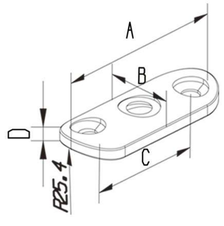
REPLACEMENT CURVED SADDLE

- Replacement Saddle for Handrail Brackets
- For 1½" - 2" Diameter Round Handrail
- Material: 2205/316/304 Stainless Steel
- Weight: 0.02-0.04kg
- Factory Finished Smooth Rounded Corners, No Sharp Edges







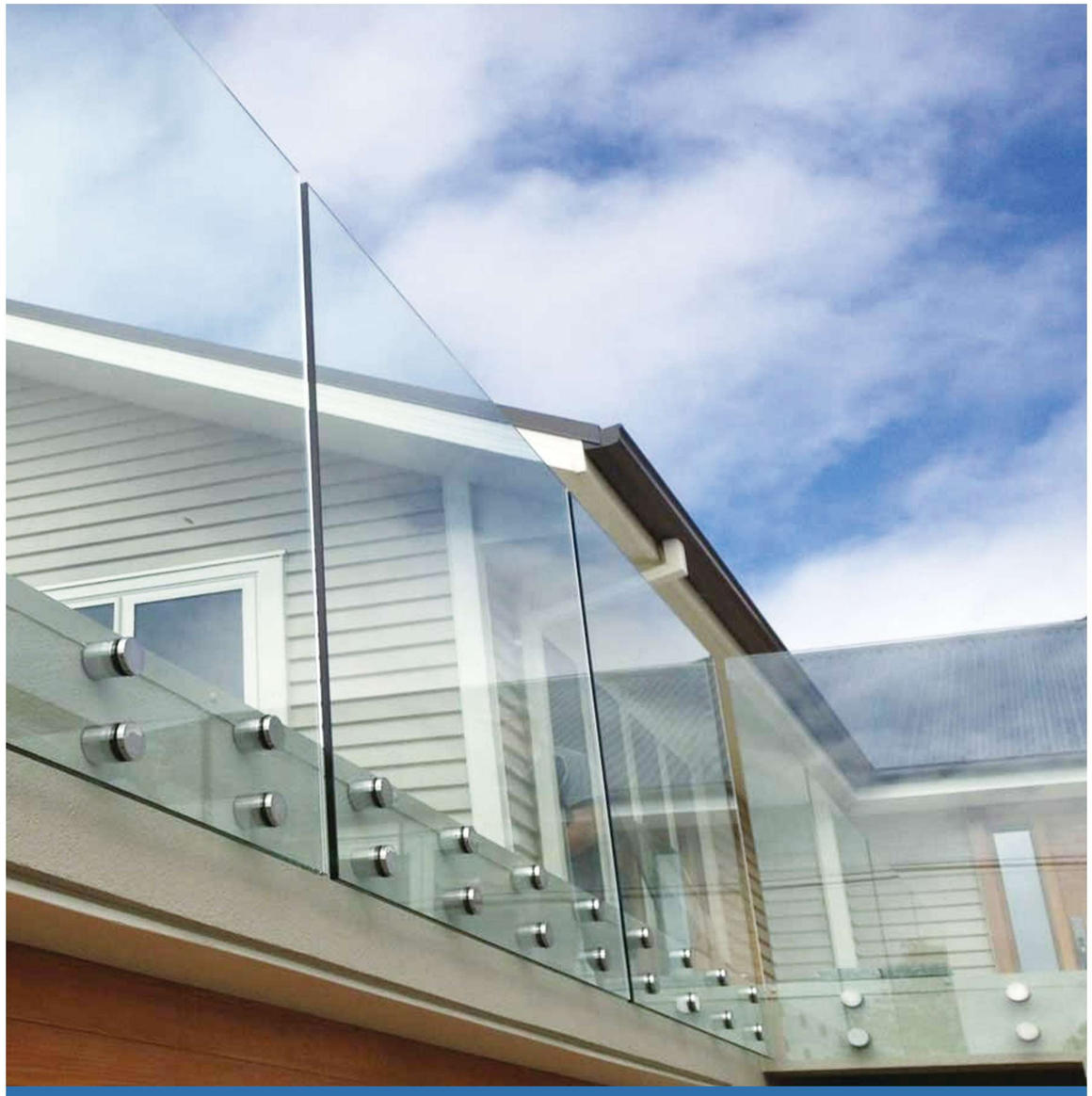


FLAT SADDLE

Item No.	A (mm)	B (mm)	C (mm)	D (mm)
LS-CRADLE-1	63	25	42	4
LS-CRADLE-2	60	24.5	40	2.8

CURVED SADDLE

Item No.	A (mm)	B (mm)	C (mm)	D (mm)
LS-CRADLE50-1	63	25	42	4
LS-CRADLE50-2	63.5	24	42.8	3.8



GLASS STANDOFFS

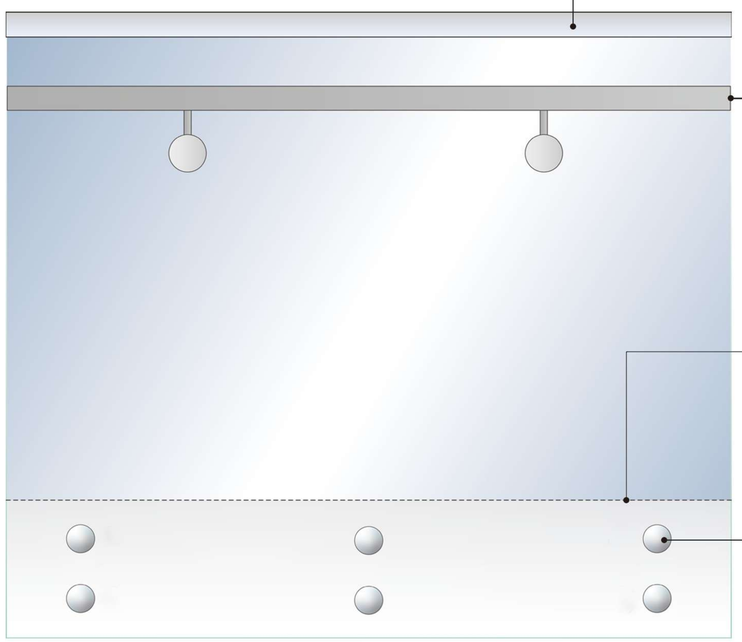


FRAMELESS POINT SUPPORTED RAILING STANDOFF SYSTEMS

- 1½" - 2" (38-50mm) Diameter or Square Standoff Designs
- 2205/316/304 Stainless Steel for Interior and Exterior Applications
- Available in Satin Brushed, Mirror Polish and Matte Black Finishes
- Can be Customized



STANDOFF GLASS RAILING



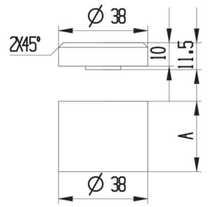
See Pages 38-61
for Railing Fittings

See Pages 62-66
for Handrail Bracket

Line of Finished Floor

See Pages 68-71
for Glass Standoff





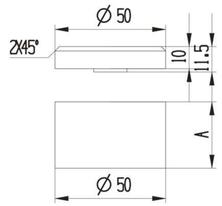
STANDOFF Φ38

Glass Thickness: 5/16"-1/2" (8-12 mm)

Material: 2205/316/304

Item No.	A Size	WT(KG)	Matching Screw Rod
Φ38-5	5mm	0.17	M12*60
Φ38-10	10mm	0.21	M12*60
Φ38-20	20mm	0.29	M12*60
Φ38-30	30mm	0.44	M12*30 M12*120
Φ38-40	40mm	0.52	M12*30 M12*120
Φ38-50	50mm	0.60	M12*30 M12*120





STANDOFF Φ50

Glass Thickness: 5/16"-1/2" (8-12 mm)

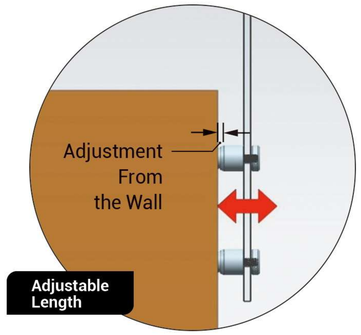
Material: 2205/316/304

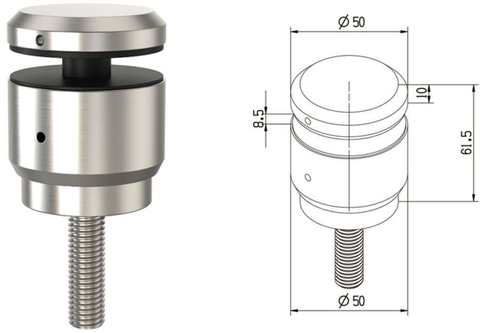
Item No.	A Size	WT(KG)	Matching Screw Rod
Φ50-5	5mm	0.28	M12*60
Φ50-10	10mm	0.35	M12*60
Φ50-20	20mm	0.55	M12*60
Φ50-30	30mm	0.77	M12*30 M12*120
Φ50-40	40mm	0.92	M12*30 M12*120
Φ50-50	50mm	1.10	M12*30 M12*120



ADJUSTABLE LENGTH RAILING STANDOFF

- Innovative Design Allows for Adjustment Without Having to Remove Glass
- Includes Standoff, Cap and Gaskets
- Available in Two Standard Lengths
- Up to 3/8" Adjustment
- For 5/16"-1/2" (8-12 mm) Thick Glass



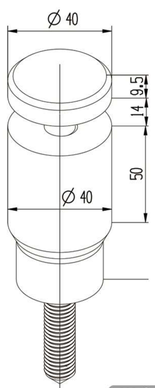


ITEM NO. **STDC-1**
Round Surface-mounted

ROUND STANDOFF BASE WITH CAP

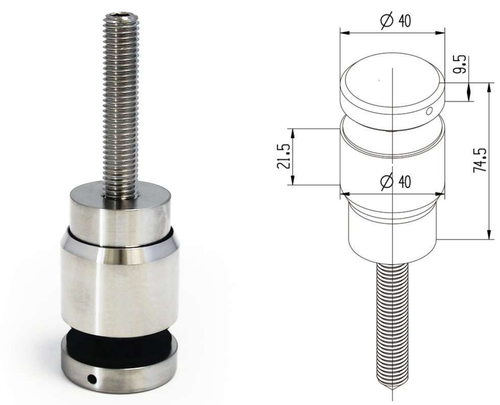
- Glass Thickness: 5/16" (8mm)-1/2" (12mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.61 kg
- Three Architectural Finishes Available
- Can be Customized





ITEM NO. **STDC-4**
Round Surface-mounted
Min Glass Thickness: 5/32" (6 mm)
Material: 2205/316/304

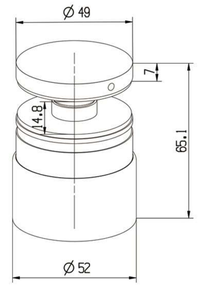
Weight
0.51 kg



ITEM NO. **STDC-5**
Round Surface-mounted
Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

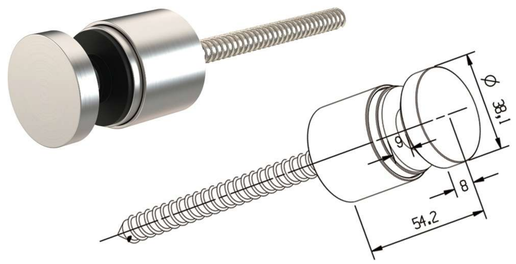
Weight
0.41 kg





ITEM NO. **STDC-9**
Round Surface-mounted
Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

Weight
0.54 kg



ITEM NO. **STDC-10**
Round Surface-mounted
Glass Thickness: 5/16"-1/2" (8-12 mm)
Material: 2205/316/304

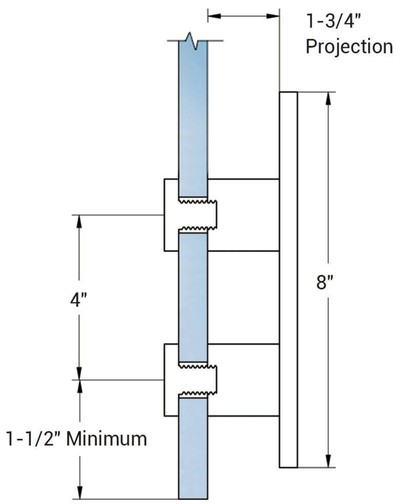
Weight
0.45 kg

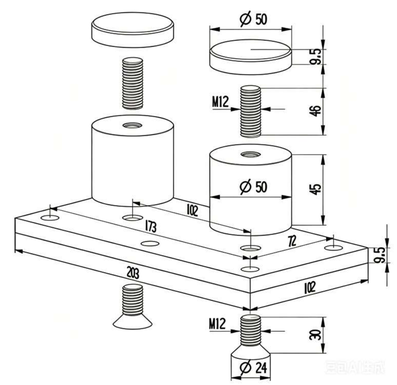
ROUND STANDOFFS WITH MOUNTING PLATE

- Glass Thickness: 5/16" (8mm)-1/2" (12mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 3.25 kg
- Includes Caps, Rigid Vinyl Gaskets and Grommets
- Can be Customized



ITEM NO. **50-45**
Double-mounted



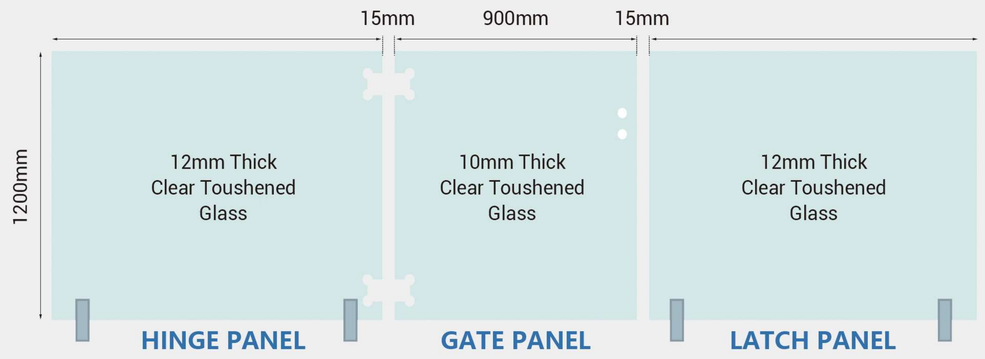


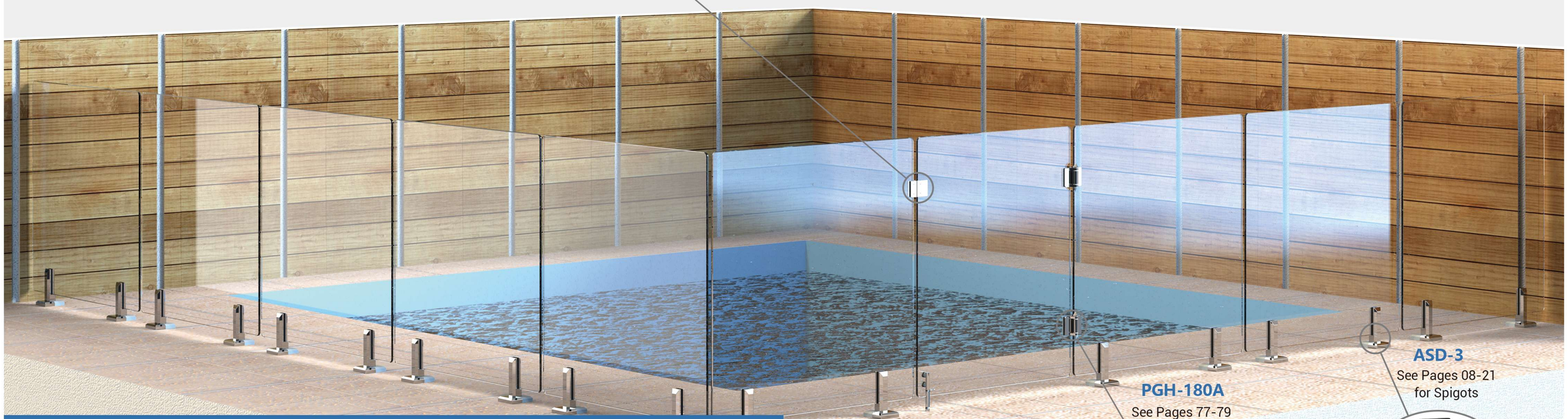
GATE HARDWARE LATCHES & HINGES

- Designed for Use with 5/16" to 1/2" (8-12mm) Tempered Glass
- Hinge Panel Available Widths: 900/1100/1300/1450/1600mm
- Use a Friction Latch
- Any Size Panel Can be Used as a Latch Panel
- Available in Satin Brushed, Mirror Polish and Matte Black Finishes
- Can be Customized

LS-DL-346
See Pages 74-76 for Latches







HINGES LATCHES

GLASS THICKNESS
10mm 12mm

PGH-180A
See Pages 77-79 for Hinges



ASD-3
See Pages 08-21 for Spigots



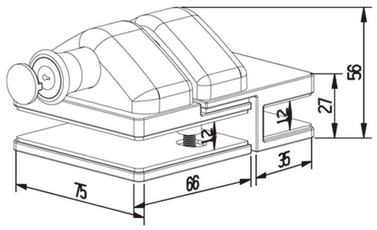
GLASS FENCING
MAGNETIC DOOR LATCH

- Full Stainless Steel Side Pull Latch; 2205/316/304 Stainless Steel
- Door Latch 90° and 180° for Glass to Glass and Glass to Wall
- Suits 5/16" to 1/2" (8-12mm) Glass Gates
- Suitable for Swimming Pool Fencing, Glass Balustrades
- Available in Satin Brushed, Mirror Polish and Matte Black Finishes





ITEM NO. **LS-DL-310**
180° Glass to Glass



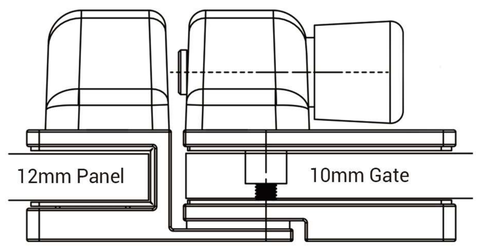
GLASS TO GLASS LATCH KIT

- Glass Thickness: 5/16" (8mm)-1/2" (12mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.86 kg
- Suitable for Pools, Glass Enclosures
- 180° Opening Angle
- Safety Locking Mechanism + Convenient Access



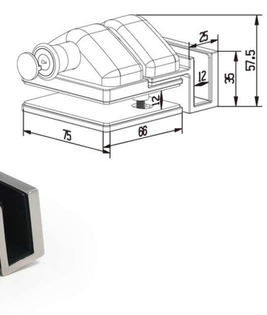
TOP VIEW

Magnetic Latch Assembly Included

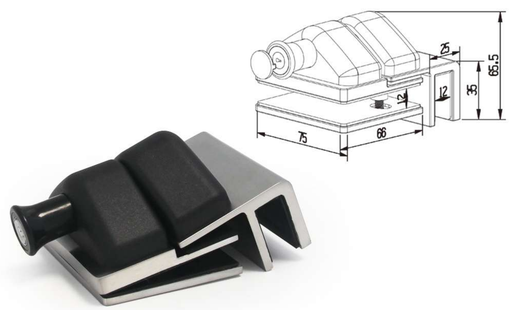




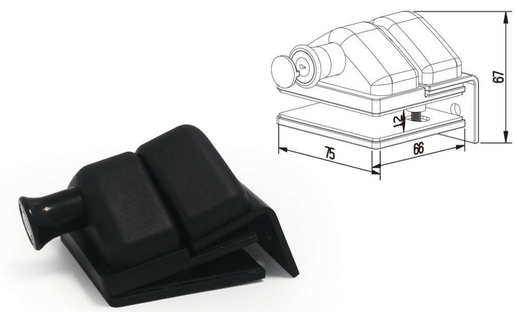
ITEM NO. **LS-DL-311**
180° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.91 kg



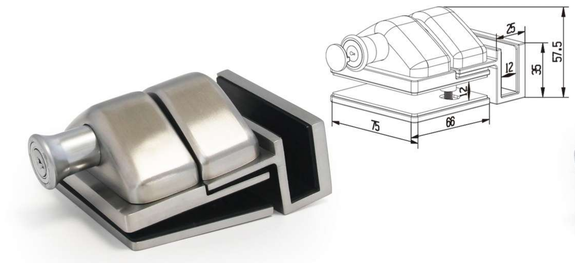
ITEM NO. **LS-DL-321**
90° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.84 kg



ITEM NO. **LS-DL-323**
90° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.86 kg

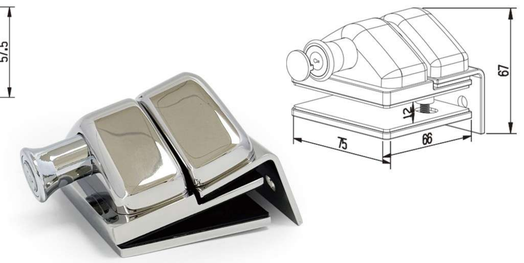


ITEM NO. **LS-DL-331**
90° Glass to Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.64 kg



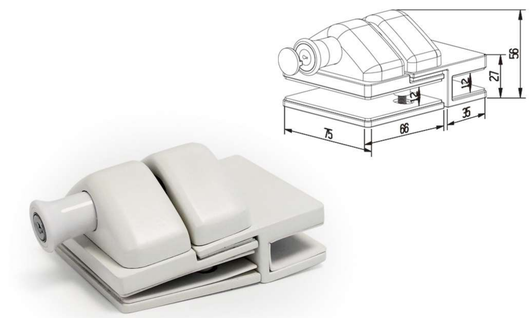
ITEM NO. **LS-DL-343**
90° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304

Weight
1.02 kg



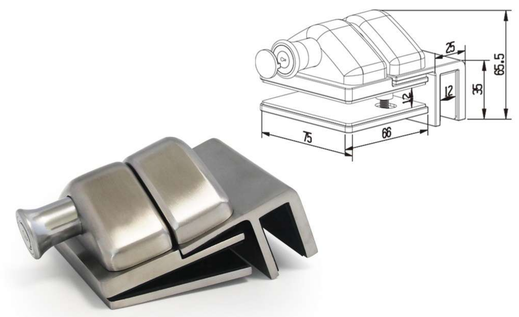
ITEM NO. **LS-DL-344**
90° Glass to Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304

Weight
0.84 kg



ITEM NO. **LS-DL-346**
180° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304

Weight
1.05 kg



ITEM NO. **LS-DL-348**
90° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304

Weight
1.01 kg



ITEM NO. **LS-DL-349**
180° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304

Weight
1.12 kg



ITEM NO. **LS-DL-510**
180° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304

Weight
0.90 kg

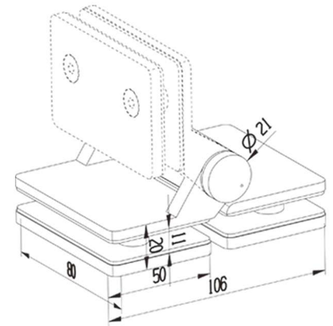
GLASS FENCING SPRING LOADED HINGES

- Designed for Self-closing Gates or Doors
- For 5/16" (8mm) or 1/2" (12mm) Tempered Glass
- Suits 8mm and 10mm Glass Gates
- Including 180° Glass to Glass and 90° Glass to Wall or Balustrade
- The Built-in Spring Enables the Gate to Close Automatically





ITEM NO. **GG-2**
180° Glass to Glass

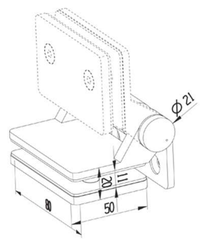


GLASS GATE TO GLASS SPRING HINGES

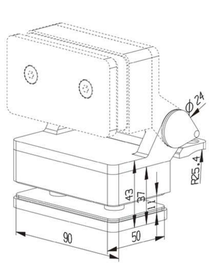
- Glass Thickness: 5/16" (8mm)-1/2" (12mm)
- Material: 2205/316/304 Stainless Steel
- Weight: 0.84 kg
- Suitable for Swimming Pool Fencing, Glass Balustrades



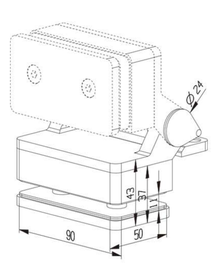
ITEM NO. **LS-GP-2**
Glass to Round Post
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.66 kg

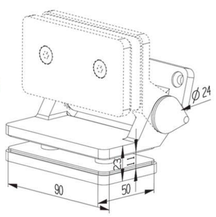
ITEM NO. **LS-GW-2**
Glass to Square Post/Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.61 kg

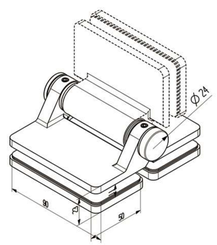
ITEM NO. **PGH-RA**
Glass to Round Post
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 1.19 kg

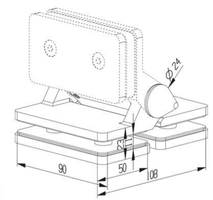
ITEM NO. **PGH-SA**
Glass to Square Post/Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 1.19 kg

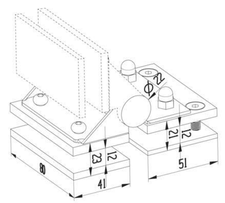
ITEM NO. **PGH-W90A**
Glass to Square Post/Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.93 kg

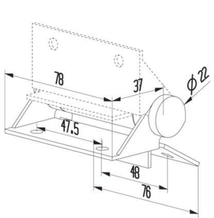
ITEM NO. **PGH-90A**
90° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.22 kg

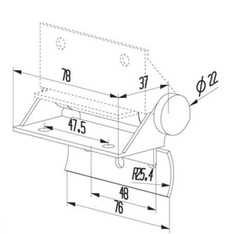
ITEM NO. **PGH-180A**
180° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 1.26 kg

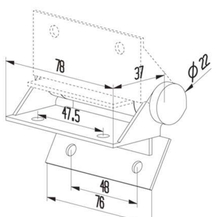
ITEM NO. **LS-GH-40**
180° Glass to Glass
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.86 kg

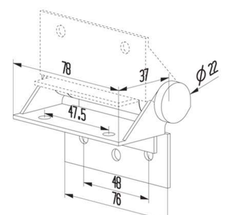
ITEM NO. **LS-GH-41**
Glass to Square Post/Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.25 kg

ITEM NO. **LS-GH-42**
Glass to Round Post
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.25 kg

ITEM NO. **LS-GH-43**
Glass to Square Post/Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.25 kg

ITEM NO. **LS-GH-44**
Glass to Square Post/Wall
Glass Thickness: 5/16" (8mm)-1/2" (12mm)
Material: 2205/316/304
Weight 0.25 kg