

EXPERTS IN GLASS HARDWARE

RELIABLE PARTNER
FOR ENGINEERING



TO BE A LEADER IN CHINA

Shandong Aleader Machinery Manufacturing Co., Ltd

Plant Address: Xumeng Industrial Park, Wulian County, Rizhao City, Shandong Province, 262315, China

Sales Office-Dongying City:

Phone: +86-546-8771866, 8776377, 8772577, 8775377

Fax: +86-0546-8775377

Sales Office-Qingdao City:

Phone: +86-532-58786001, 58786002

Fax: +86-532-58786003

Email: sales@aleader-china.com

Website: www.aleader-china.com



SHANDONG ALEADER MACHINERY
MANUFACTURING CO., LTD.
www.aleader-china.com

Directory-目录

GLASS SPIGOTS



GLASS CLAMPS



HANDRAIL CONNECTORS



SLOT PIPE



GLASS STANDOFF



DOOR LATCH



—Aleader Introduction—	—01—02
—Certificates—	—03
—Factory Tour—	—04
—Quality Control System—	—05—06
—New design—	—07
—A—	—15
—B—	—17
—C—	—19
—D—	—20
—F—	—21
—H—	—23
—N—	—24
—O—	—25
—Q—	—26
—L6—	—27
—XDC—	—30
—C-S—	—30
—DCR—	—31
—S—	—61
—GH—	—64
—DL—	—65
—SB—	—67
—SHC—	—69
—SK—	—71

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.

12000 m²
(area)

2000 tons
(output)

Aleader is a modern and professional manufacturer of investment castings, simply called Foundry. Our Main Products include construction 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



200+
Working Staffs



25+
Skilled Engineers



R&D
Professional Team



1 Hour
Away from Qingdao Int'l Airport



1 Hour
Away from Qingdao Port

QUALITY FIRST, SINCERITY ORIENTED CREATE ALEADER BRAND.

Professional Manufacturer of Precision Casting

Your Ideal Partner To Develop Chinese Market

CERTIFICATES

QUALITY FIRST, SINCERITY ORIENTED CREATE ALEADER BRAND



ISO9001:2015



IATF16949



Patent Design



AD2000-DE



AD2000-EN



ISO45001:2018

Annex to Certificate No.: 01 202 CHN/Q-20 0662

Scope according to	Directive 2014/68/EU Annex I §4.3	EN 754-4	AD 2000-Merkblatt W0	PPC Regulation (EU) No. 305/2011/Annex 2
Manufacturer				
Company Name: Shandong Aleader Machinery Manufacturing Co., Ltd.				
Location: Xumeng Industrial Park, Wulian County, Rizhao City, Shandong Province, P. R. China 262300				
Material				
Material No.				
Material Specification				
Delivery Cont.				
Type of Product				
Dimensions				
Weight				
Technical Requirements				
Technical Requirements				
Remarks				
1. Materials according to harmonized European standards (hEN) and European Approval for Materials (EAM) acc. Directive 2014/68/EU				
2. The use of the materials according to Directive 2014/68/EU is bound to the publication of Harmonized European Standards or to the certification by a European material approval or to the particular material approval. With that the manufacturing reliability for equipment material grades according to other standards (e.g. BS, JPN, ASME) is present. The requirements and limits of the applicable code respectively the PED must be observed for the use of material grades listed in column 2 to 4.				
3. The welding and welding repair of castings is not permitted.				
Remarks				
+AT = solution annealed				
+AR = as rolled				
+AM = dynamic mechanical treated				
+N = normalized or normalizing formed				
+NT = normalized and tempered				
+QT = quenched and tempered				
+S = stress mechanical treated				
+SR = stress relieved				
+PRA = for the use in pressure equipment acc. Directive 2014/68/EU necessary				

AD2000-Annex



ISO14001:2015

EXPLORE OUR FACILITY

Aleader covers an area of 12,000 m² and has around 200 staff members, our output is about 2,000 tons per year. All sets of investment casting equipment are introduced from Taiwan.



Company Outdoor Scene



Pattern Warehouse



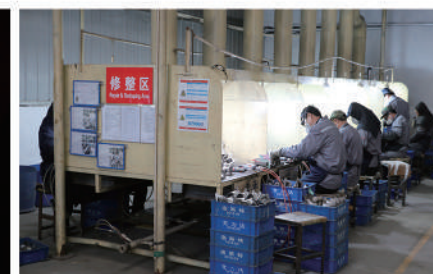
Wax Injection Workshop



Shell Coating Workshop



Pouring



Repair Workshop



Machining Workshop



Inspection



Polishing Workshop



Warehouse

QUALITY CONTROL

Aleader is well-equipped with advanced casting, machining and inspection equipments.



Spectrometer



Hand Spectrometer



Infrared Thermometer



Metallographic Analyzer



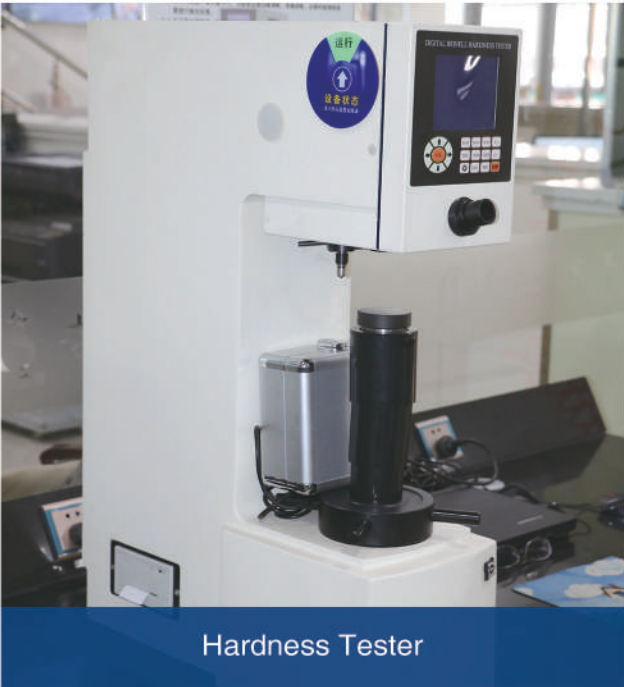
Profilometer



Measuring Projector



CMM



Hardness Tester



Coating Thickness Gauge



Tensile Testing Machine



Non-Conductive Glass Spigot Australian Standard Certified



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	Shandong Aleader Machinery Manufacturing Co.,Ltd		
Address	Wulian County,Rizhao City,Shandong,China		
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		

Clause	Requirement	P/F/NA
5.6.2.6.2 5.6.2.6.5	Conductive Pool Structures 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

P – Pass
F – Fail
NA – Not applicable

Table 1. Insulation Resistance

Test Sample	Identity	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

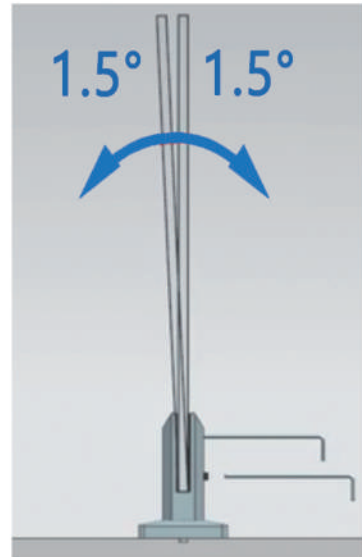
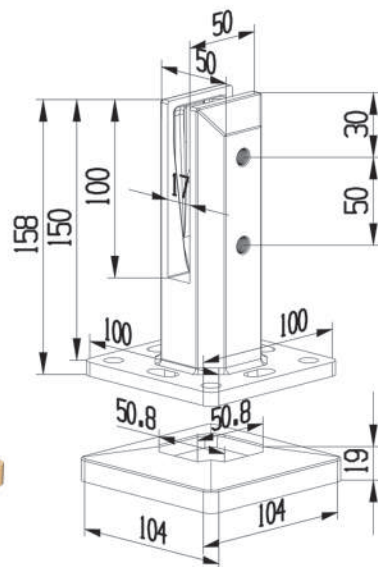
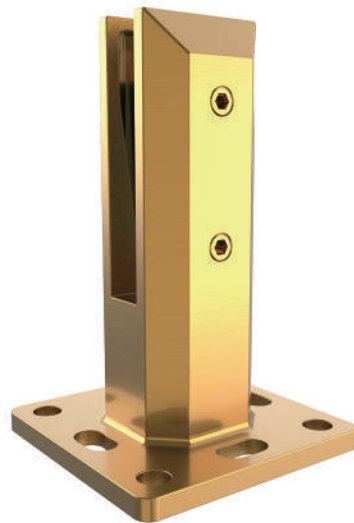
QF-07F

Report No: 29196

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

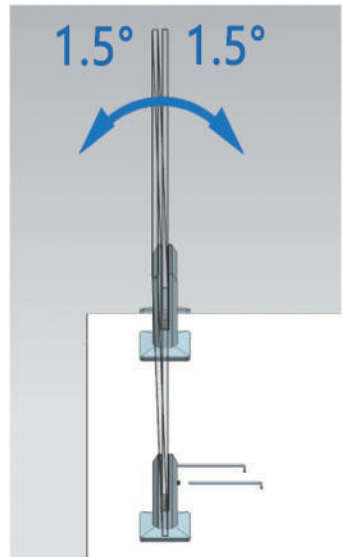
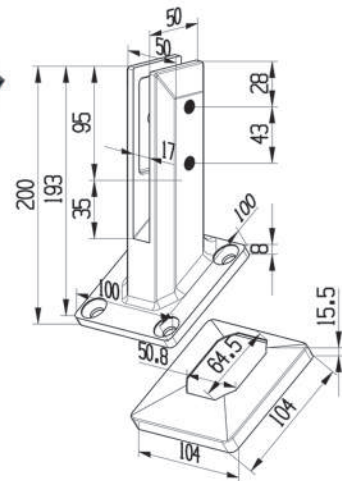


NEW PRODUCT
ADJUSTABLE SPIGOT



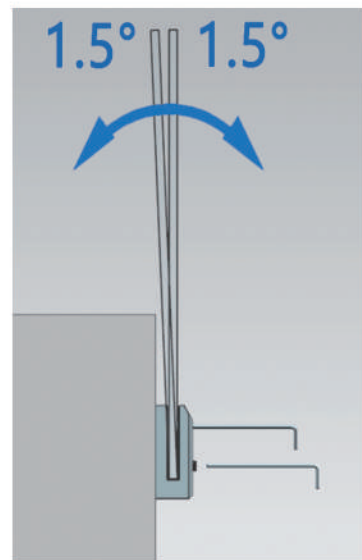
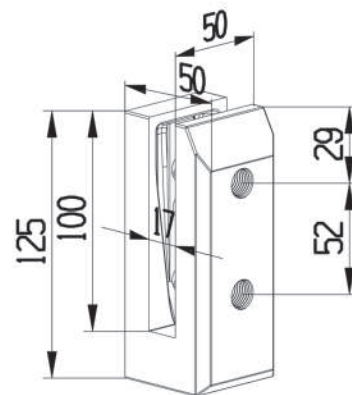
Item No.	188SD-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.92

NEW PRODUCT
ADJUSTABLE SPIGOT



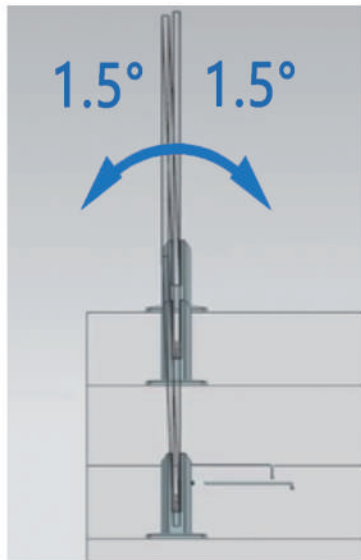
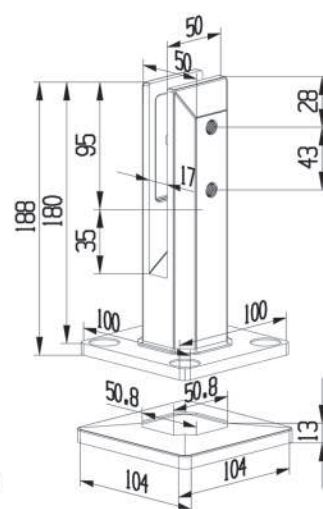
Item No.	ADJ-BVL-GS-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.23

NEW PRODUCT
ADJUSTABLE SPIGOT



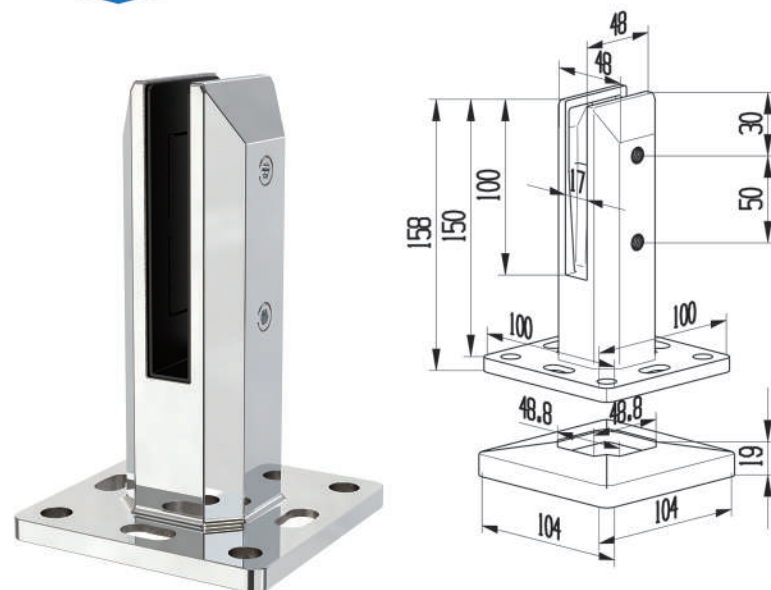
Item No.	ADJ-GW-GS-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.50

NEW PRODUCT
ADJUSTABLE SPIGOT



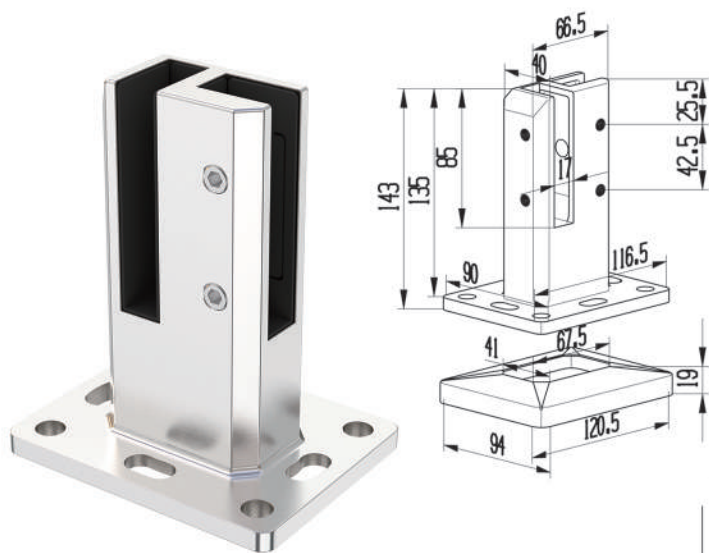
Item No.	ADJ-STR-GS-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.20

NEW PRODUCT



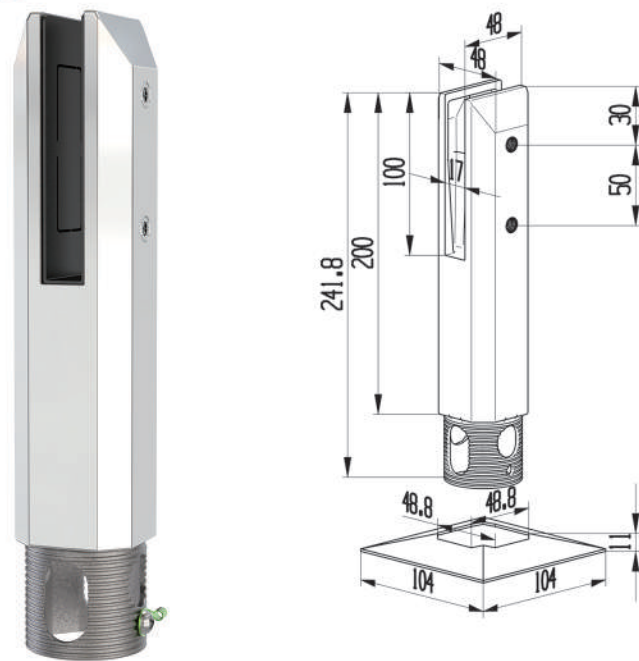
Item No.	188SD-SP-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.24

NEW PRODUCT



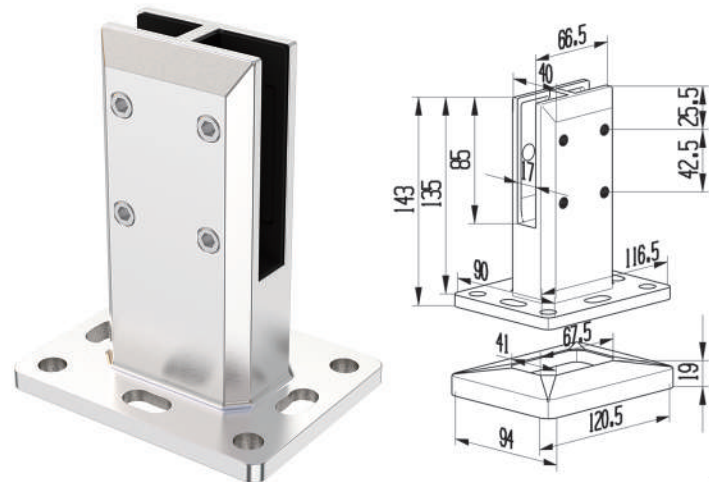
Item No.	DOSD-90-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.89

NEW PRODUCT



Item No.	188SC240-SP-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.36

NEW PRODUCT



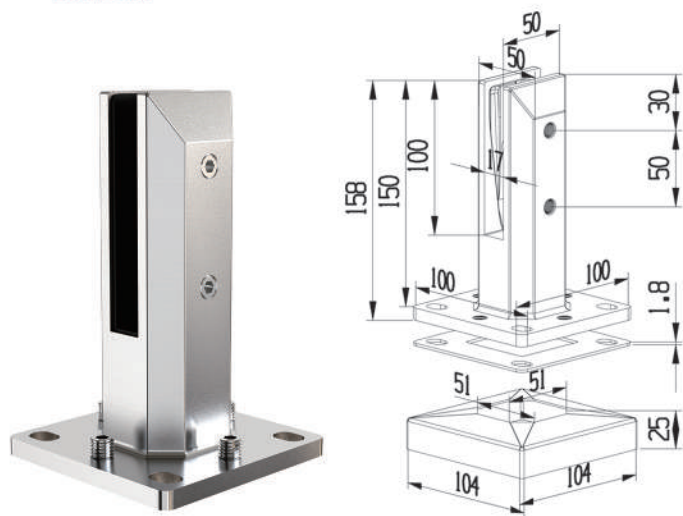
Item No.	DOSD-180-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.88

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

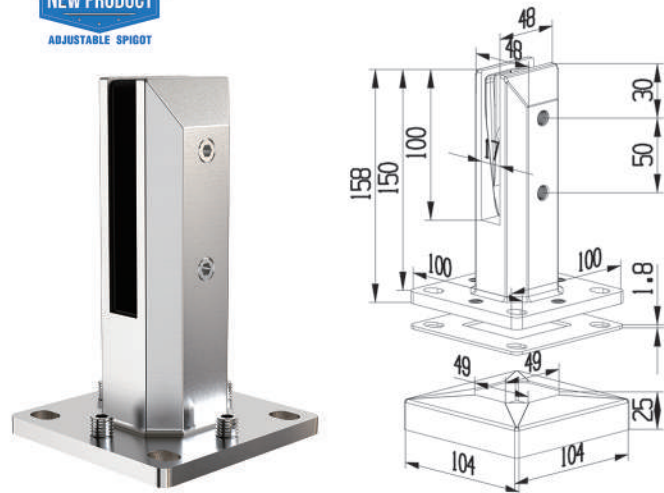


NEW PRODUCT
ADJUSTABLE SPIGOT



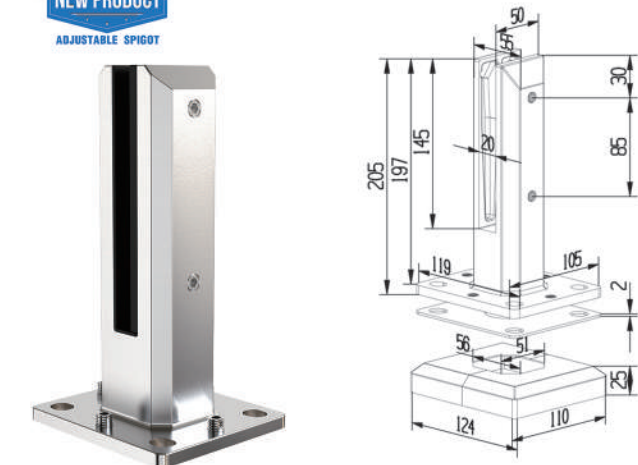
Item No.	ASD-1-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.08

NEW PRODUCT
ADJUSTABLE SPIGOT



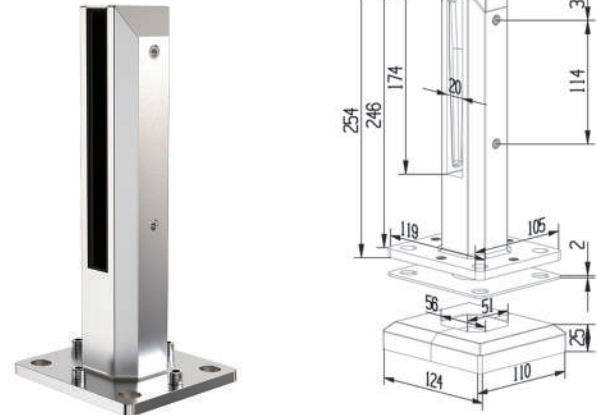
Item No.	ASD-2-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.89

NEW PRODUCT
ADJUSTABLE SPIGOT

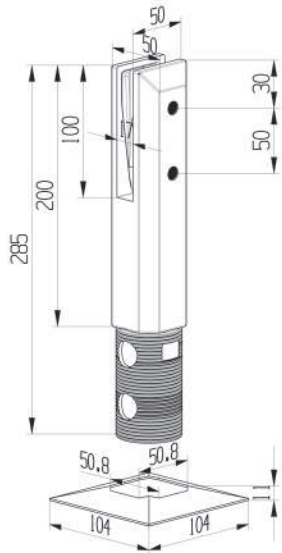


Item No.	ASD-3-M/S/B/G/W
Glass Thickness	12-15.04MM
WT(KG)	2.30

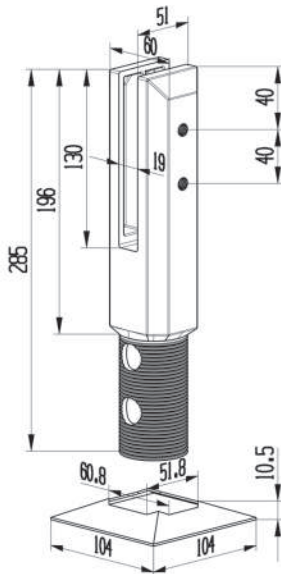
NEW PRODUCT
ADJUSTABLE SPIGOT



Item No.	ASD-4-M/S/B/G/W
Glass Thickness	12-15.04MM
WT(KG)	2.68



Item No.	188SC285-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.11



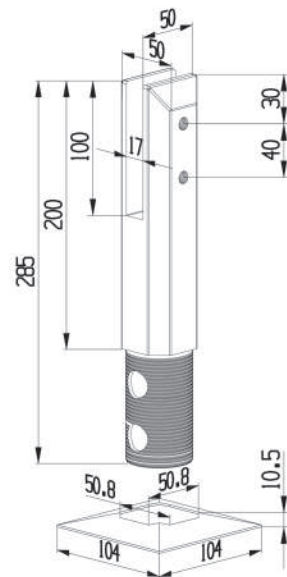
Item No.	AM-15-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.53

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

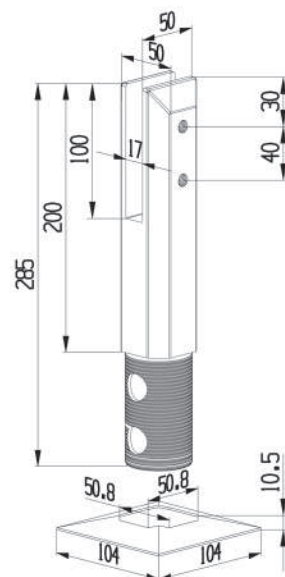
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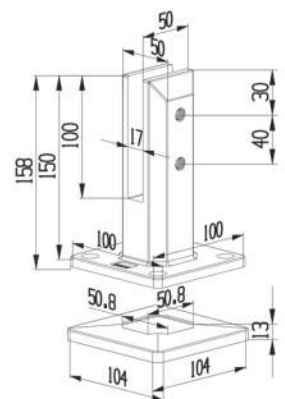
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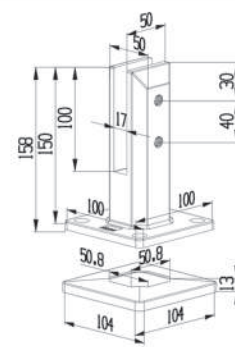
Item No.	LS-ASC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.18



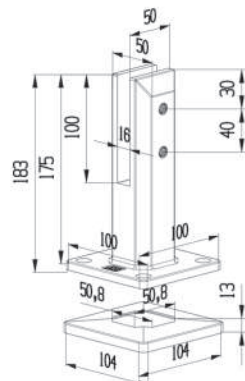
Item No.	LS-ASC-B
Glass Thickness	12MM
WT(KG)	2.18



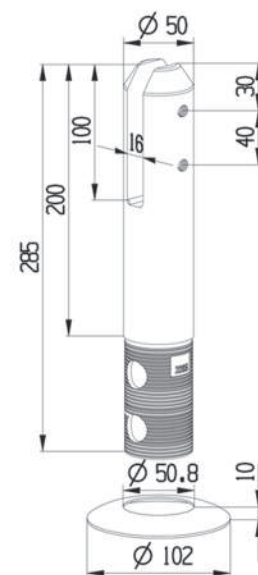
Item No.	LS-ASF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.15



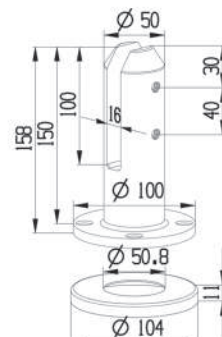
Item No.	LS-ASF-B
Glass Thickness	12MM
WT(KG)	2.15



Item No.	LS-ASF-L-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.38



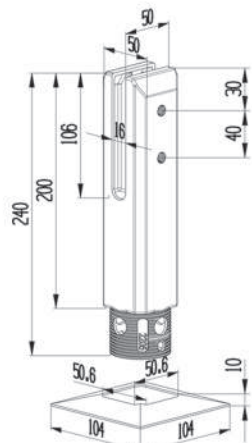
Item No.	LS-ARF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.75



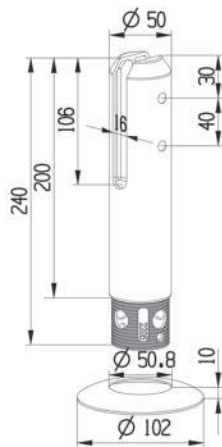
Item No.	LS-ARF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.75



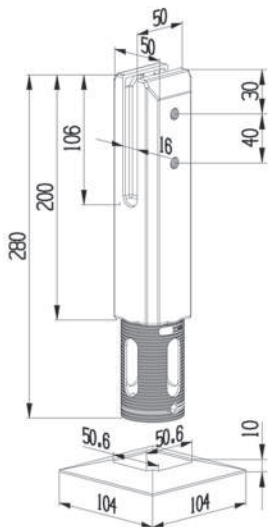
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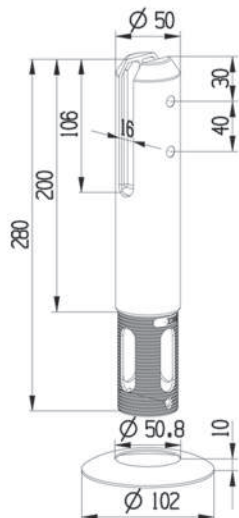
Item No.	LS-BSC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.38



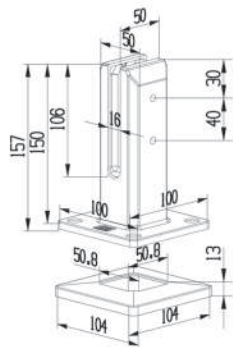
Item No.	LS-BRC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.10



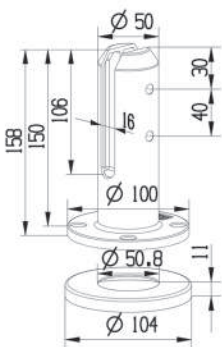
Item No.	LS-BSC-L-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.46



Item No.	LS-BRC-L-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.20



Item No.	LS-BSF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.25



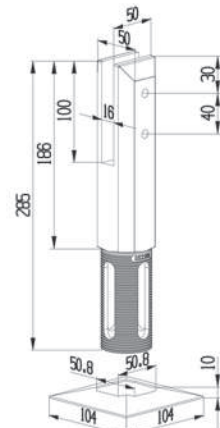
Item No.	LS-BRF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.98

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

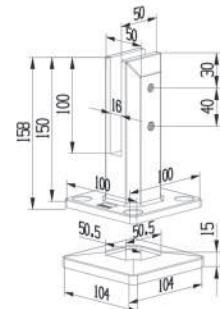
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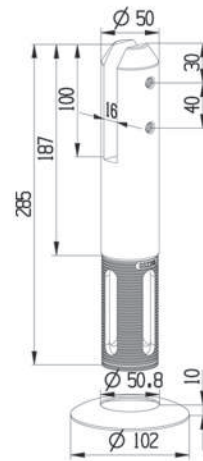
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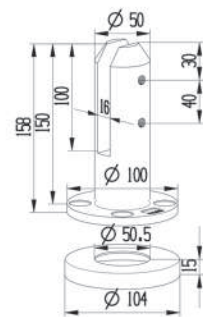
Item No.	LS-CSC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.35



Item No.	LS-CSF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.03

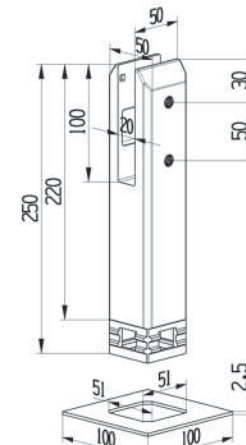


Item No.	LS-CRC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.85

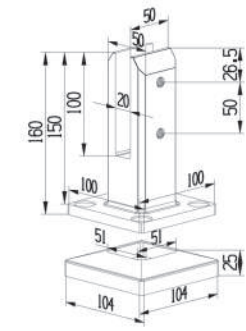


Item No.	LS-CRF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.60

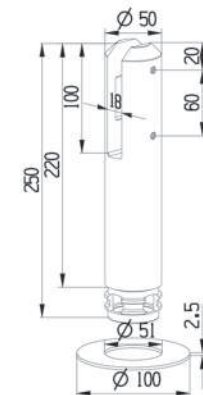
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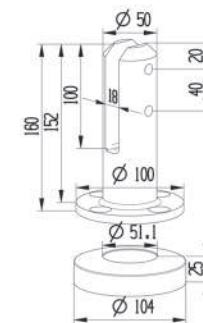
Item No.	LS-DSC-M/S/B/G/W
Glass Thickness	12-15MM
WT(KG)	2.44



Item No.	LS-DSF-M/S/B/G/W
Glass Thickness	12-15MM
WT(KG)	2.54



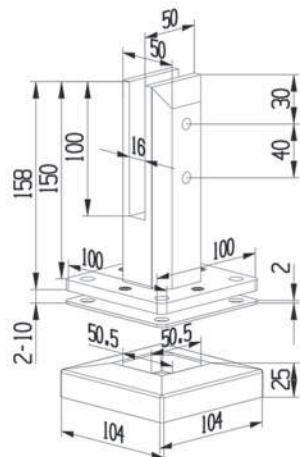
Item No.	LS-DRC-M/S/B/G/W
Glass Thickness	12-15MM
WT(KG)	1.96



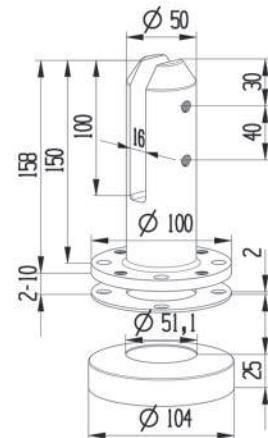
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Glass Thickness	12-15MM
WT(KG)	1.74



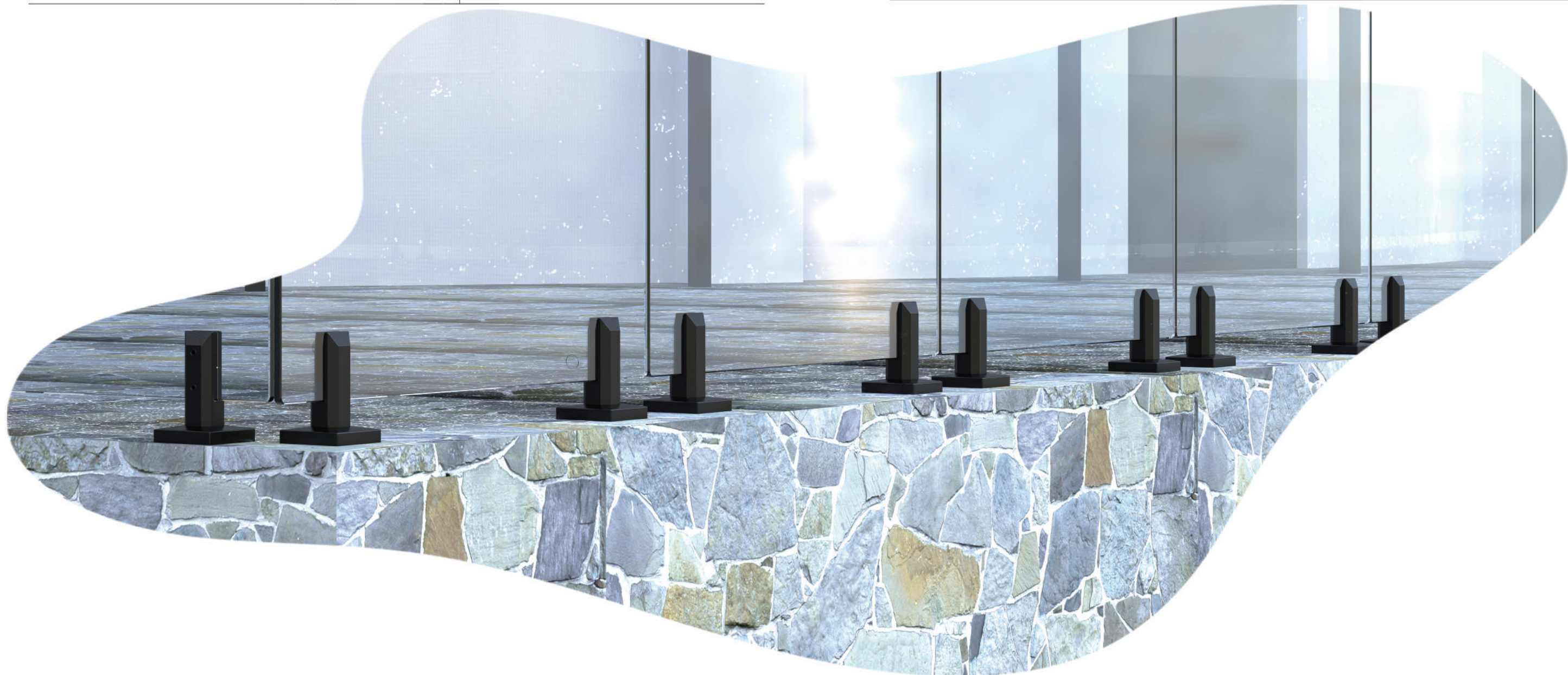
F



Item No.	LS-FSF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.35

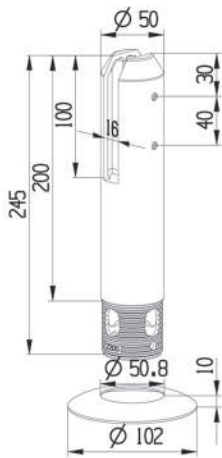


Item No.	LS-FRF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.87

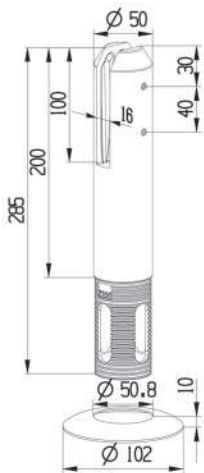




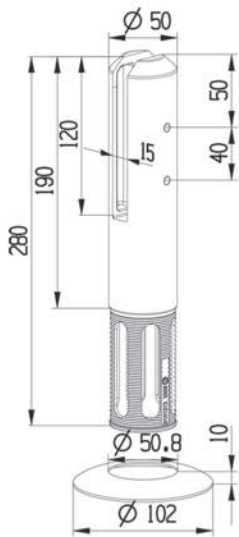
H



Item No.	LS-HRC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.25



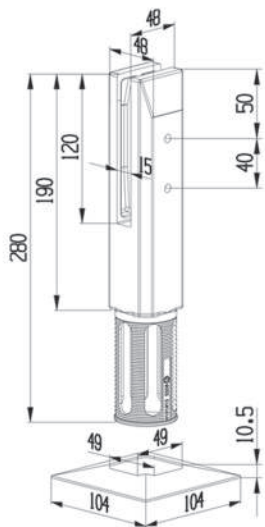
Item No.	LS-HRC-L-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.63



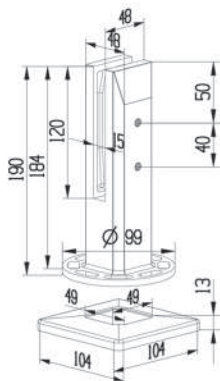
Item No.	LS-NRC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.08

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

N



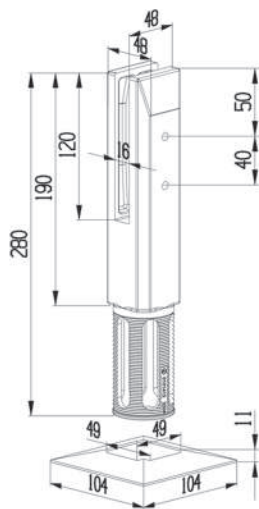
Item No.	LS-NSC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.36



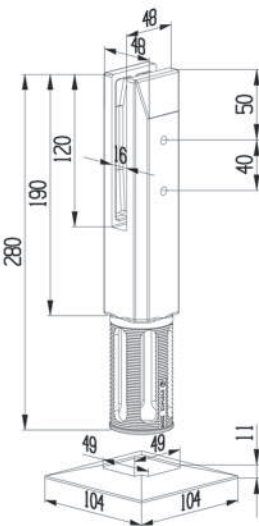
Item No.	LS-NSF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.41



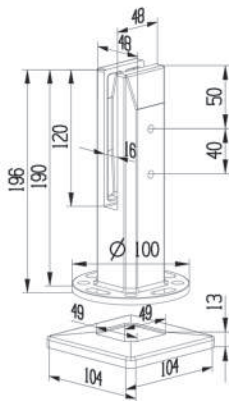
Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White



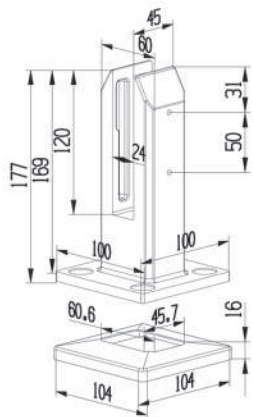
Item No.	LS-OSC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.65



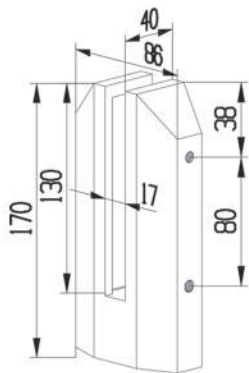
Item No.	LS-OSC-B
Glass Thickness	12MM
WT(KG)	1.65



Item No.	LS-OSF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	1.78



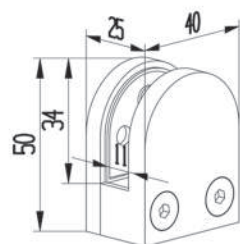
Item No.	LS-QSF-M/S/B/G/W
Glass Thickness	13.52-17.52MM
WT(KG)	2.11



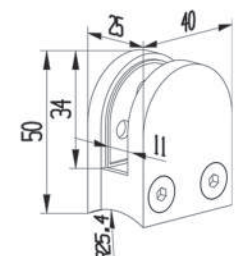
Item No.	LS-QFC-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	2.82



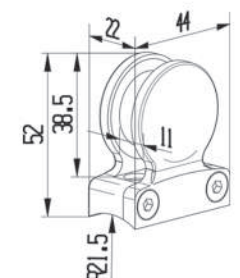
L6



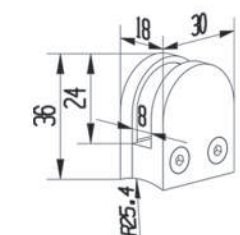
Item No.	L6001-M/S/B/G/W
Glass Thickness	8-10MM
WT(KG)	0.20



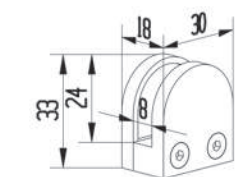
Item No.	L6003-M/S/B/G/W
Glass Thickness	8-10MM
WT(KG)	0.20



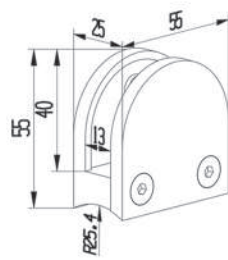
Item No.	L6007-M/S/B/G/W
Glass Thickness	8-10MM
WT(KG)	0.16



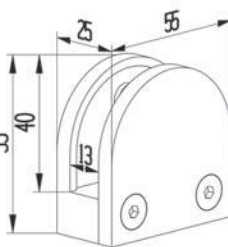
Item No.	L6013-M/S/B/G/W
Glass Thickness	6MM
WT(KG)	0.08



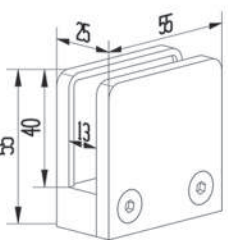
Item No.	L6014-M/S/B/G/W
Glass Thickness	6MM
WT(KG)	0.07



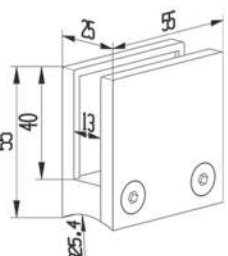
Item No.	L6015-H-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.24



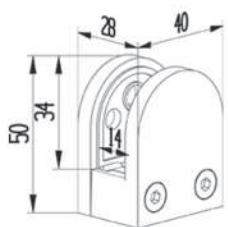
Item No.	L6015-P-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.26



Item No.	L6016-P-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.26



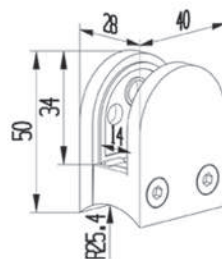
Item No.	L6016-H-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.27



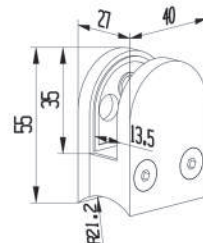
Item No.	L6021-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.22

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

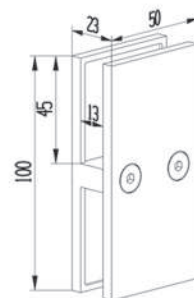
Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White



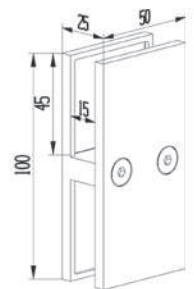
Item No.	L6023-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.21



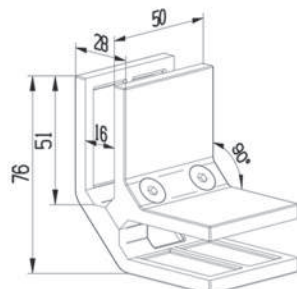
Item No.	L6024-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.18



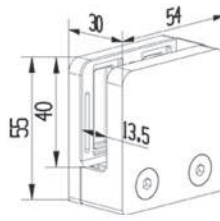
Item No.	L6018-M/S/B/G/W
Glass Thickness	10MM
WT(KG)	0.39



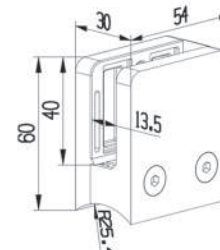
Item No.	L6018-L-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.41



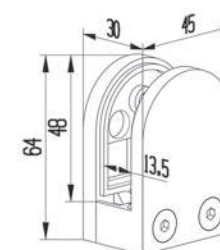
Item No.	L6017-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.58



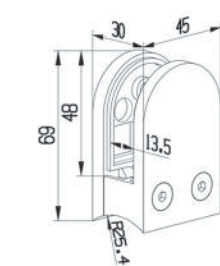
Item No.	XDCS200-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.32



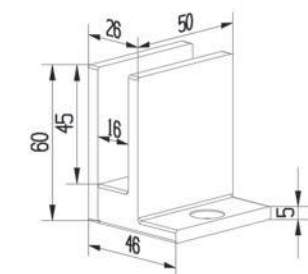
Item No.	XDCS200R-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.34



Item No.	XDCR200-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.24



Item No.	XDCR200R-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.27



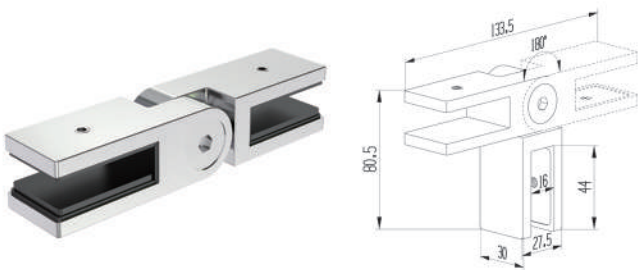
Item No.	C-S90W-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.38

XDC

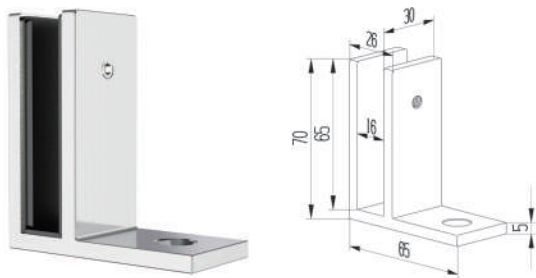


C-S

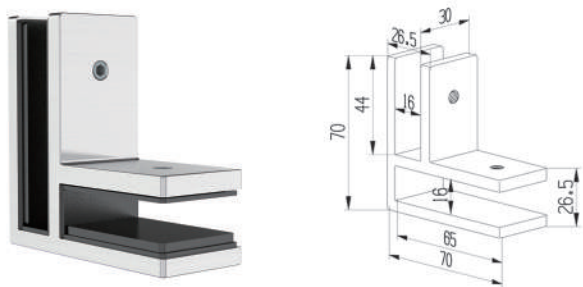




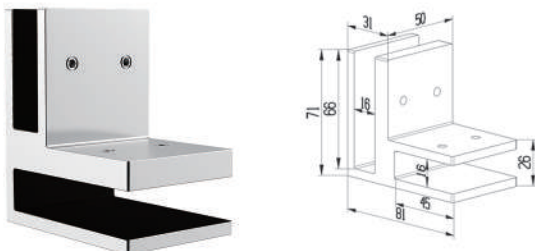
Item No.	C-S180A-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.46



Item No.	C-WF-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.22



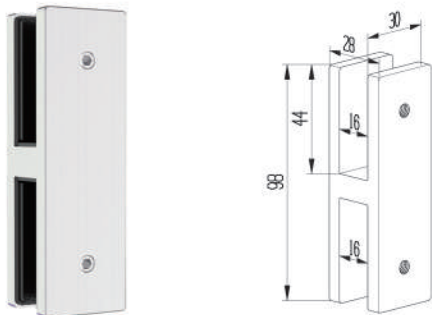
Item No.	C-S90F-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.59



Item No.	GC90-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.74

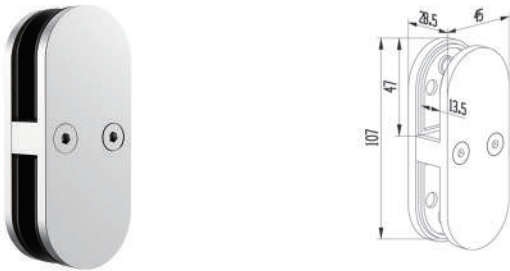


Item No.	C-S135-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.59

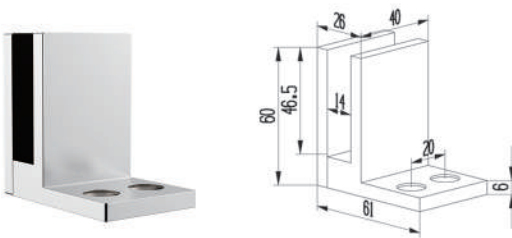


Item No.	C-180F-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.33

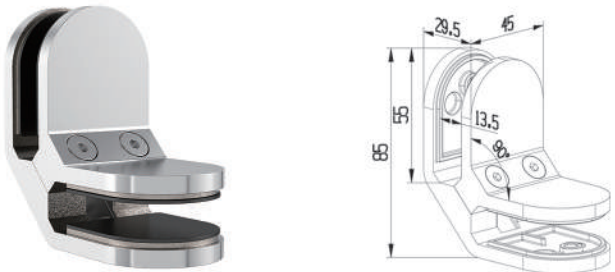
DCR



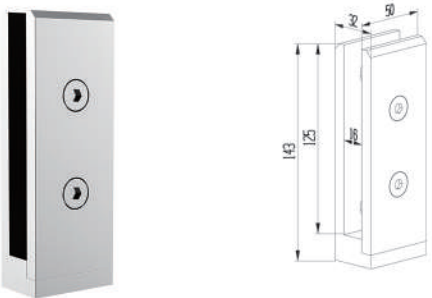
Item No.	DCR180-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.42



Item No.	0151400-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.34



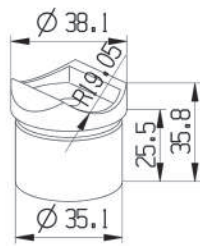
Item No.	DCR90-M/S/B/G/W
Glass Thickness	12MM
WT(KG)	0.58



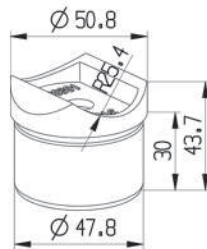
Item No.	C-SF-01-M/S/B/G/W
Glass Thickness	10-14MM
WT(KG)	1.00

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

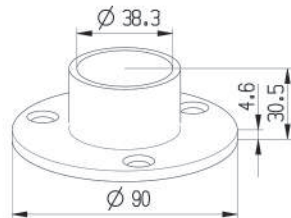
Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White



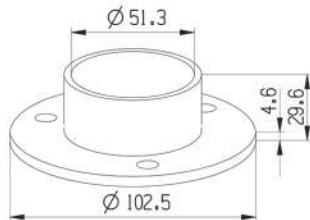
Item No.	HR-38AD-M/S/B/G/W
Coupling(MM)	38.1
WT(KG)	0.07



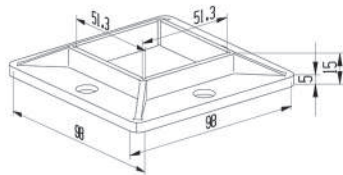
Item No.	HR-50AD-M/S/B/G/W
Coupling(MM)	50.8*1.5
WT(KG)	0.14



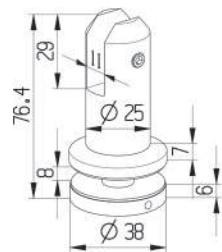
Item No.	HR-38BP-M/S/B/G/W
Coupling(MM)	φ38.1
WT(KG)	0.20



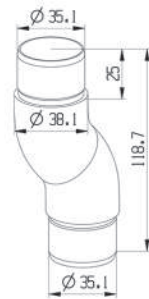
Item No.	HR-50BP-M/S/B/G/W
Coupling(MM)	φ50.8
WT(KG)	0.235



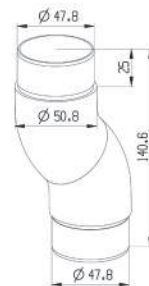
Item No.	SP-FP
Coupling(MM)	50*50
WT(KG)	0.215



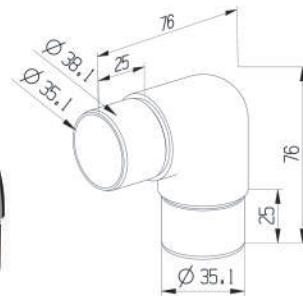
Item No.	HB-G5010-M/S/B/G/W
Coupling(MM)	
WT(KG)	0.26



Item No.	HR-38SA-M/S/B/G/W
Coupling(MM)	38.1*1.5
WT(KG)	0.31

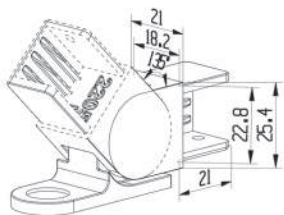


Item No.	HR-50SA-M/S/B/G/W
Coupling(MM)	50.8*1.5
WT(KG)	0.59

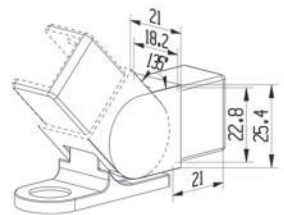


Item No.	HR-3890VR-B
Coupling(MM)	38.1*1.5
WT(KG)	0.20

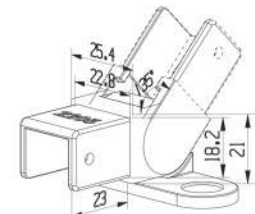




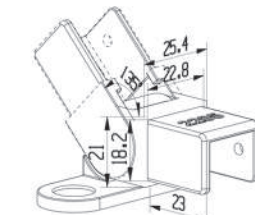
Item No.	WBHA-S25X-HL-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.15



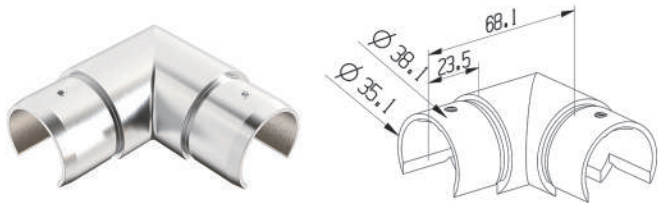
Item No.	WBHA-S25X-HR-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.15



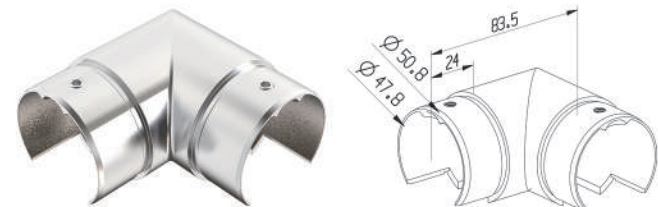
Item No.	WBA-S25X-VR-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.11



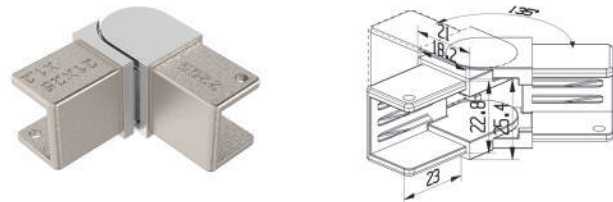
Item No.	WBA-S25X-VL-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.11



Item No.	HR-3890P-M/S/B/G/W
Coupling(MM)	38.1*1.5
WT(KG)	0.19



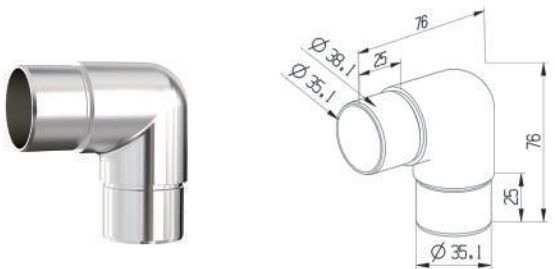
Item No.	HR-5090P-M/S/B/G/W
Coupling(MM)	50.8*1.5
WT(KG)	0.303



Item No.	TR-SUDM2-S-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.11



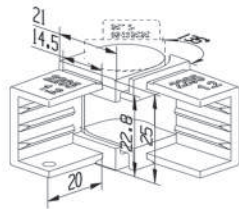
Item No.	HR-38SJ-M/S/B/G/W
Coupling(MM)	φ38.1
WT(KG)	0.08



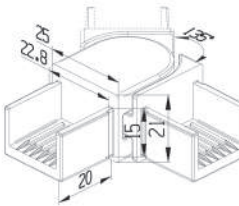
Item No.	HR-3890-M/S/B/G/W
Coupling(MM)	38.1*1.5
WT(KG)	0.22



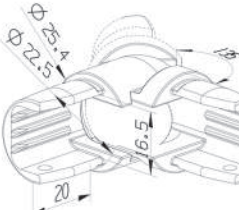
Item No.	HR-5090-M/S/B/G/W
Coupling(MM)	50.8*1.5
WT(KG)	0.31



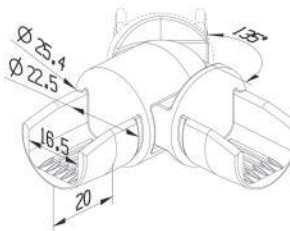
Item No.	LS-L-TR2520-UP-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.14



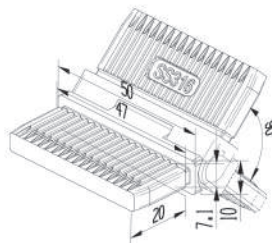
Item No.	LS-L-TR2520-LR-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.16



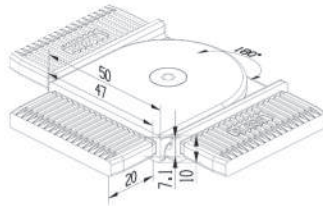
Item No.	LS-TR25-UD-M/S/B/G/W
Coupling(MM)	Ø25.4
WT(KG)	0.17



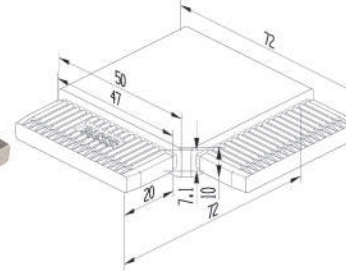
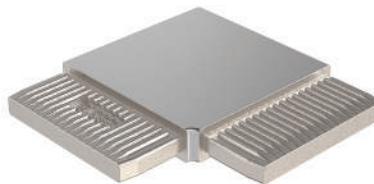
Item No.	LS-TR25-LR-M/S/B/G/W
Coupling(MM)	Ø25.4
WT(KG)	0.17



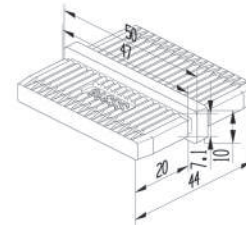
Item No.	LS-5010-UD-M/S/B/G/W
Coupling(MM)	50*10
WT(KG)	0.14



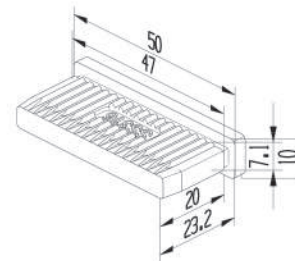
Item No.	LS-5010-LR-M/S/B/G/W
Coupling(MM)	50*10
WT(KG)	0.28



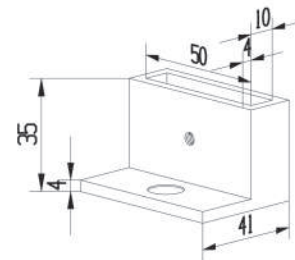
Item No.	LS-5010-90-M/S/B/G/W
Coupling(MM)	50*10
WT(KG)	0.32



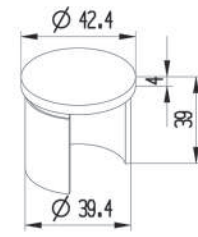
Item No.	LS-5010-180-M/S/B/G/W
Coupling(MM)	50*10
WT(KG)	0.11



Item No.	LS-5010-EC-M/S/B/G/W
Coupling(MM)	50*10
WT(KG)	0.06



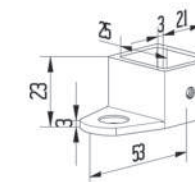
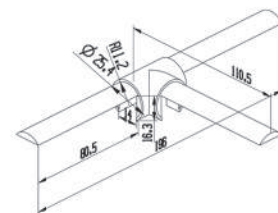
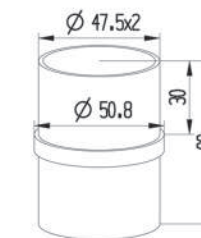
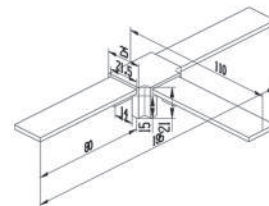
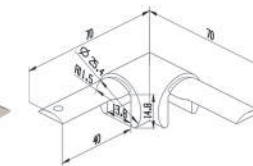
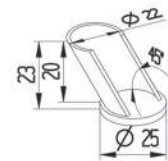
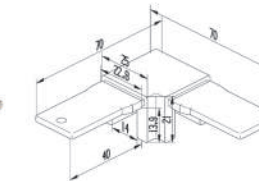
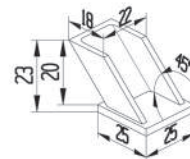
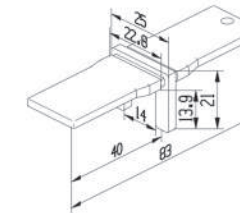
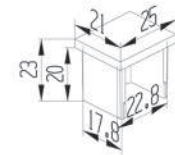
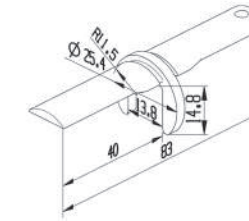
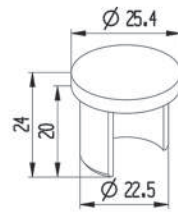
Item No.	LS-5010-WB-M/S/B/G/W
Coupling(MM)	50*10
WT(KG)	0.19

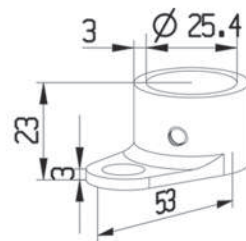


Item No.	LS-NTR-REK-M/S/B/G/W
Coupling(MM)	Ø42.4
WT(KG)	0.09

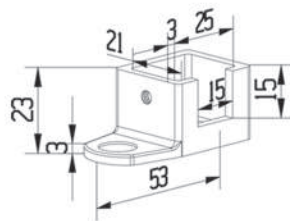


HANDRAIL CONNECTORS

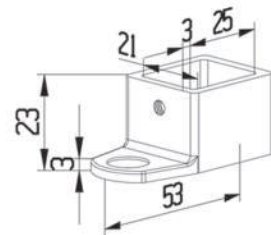
42 | Shandong Aleader Machinery
Manufacturing Co., Ltd.



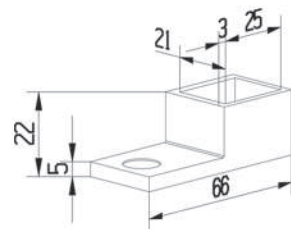
Item No.	LS-NTR-RW-M/S/B/G/W
Coupling(MM)	Φ25.4
WT(KG)	0.08



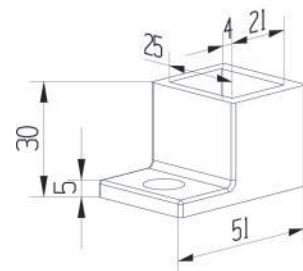
Item No.	LS-WB-S25SL-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.08



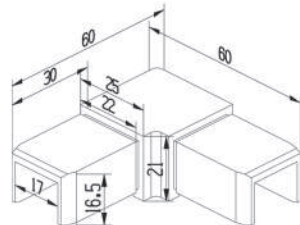
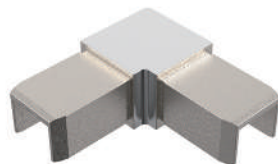
Item No.	LS-WB-S25S-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.09



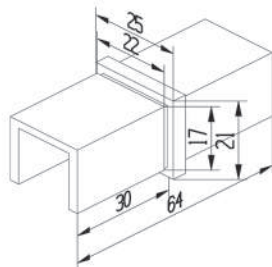
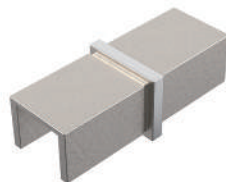
Item No.	LS-2503-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.10



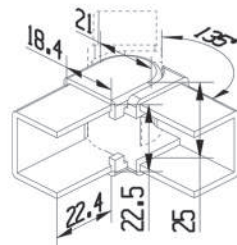
Item No.	LS-2502-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.12



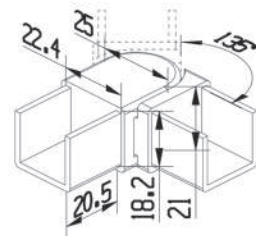
Item No.	LS-2508-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.15



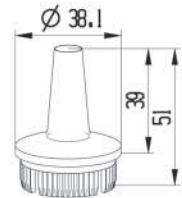
Item No.	LS-2509-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.08



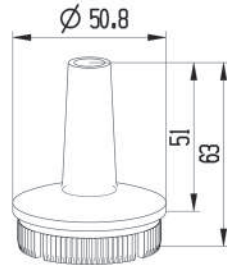
Item No.	LS-AJ-S25-V-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.13



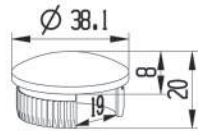
Item No.	LS-AJ-S25-H-M/S/B/G/W
Coupling(MM)	21*25
WT(KG)	0.16



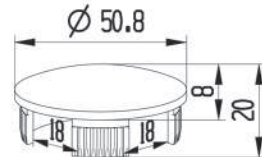
Item No.	LS-5090338-M/S/B/G/W
Coupling(MM)	Ø38.1
WT(KG)	0.07



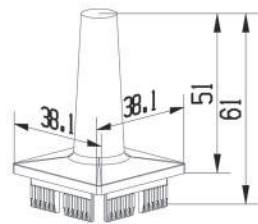
Item No.	LS-5090350-M/S/B/G/W
Coupling(MM)	Ø50.8
WT(KG)	0.12



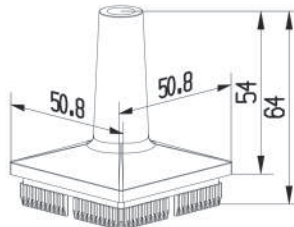
Item No.	LS-8010338-M/S/B/G/W
Coupling(MM)	Ø38.1
WT(KG)	0.05



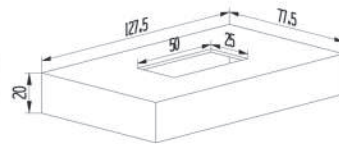
Item No.	LS-8010350-M/S/B/G/W
Coupling(MM)	Ø50.8
WT(KG)	0.07



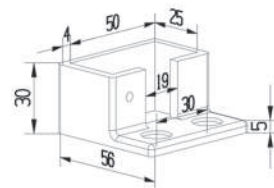
Item No.	LS-8020438-M/S/B/G/W
Coupling(MM)	38.1*38.1
WT(KG)	0.08



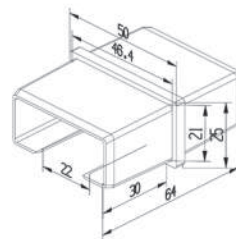
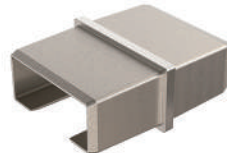
Item No.	LS-8020450-M/S/B/G/W
Coupling(MM)	50.8*50.8
WT(KG)	0.13



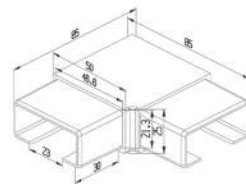
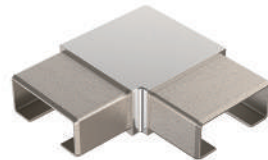
Item No.	LS-8041250-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.18



Item No.	LS-8041650-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.17

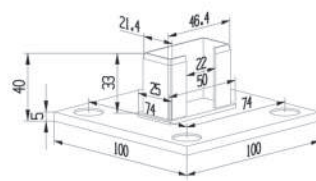


Item No.	LS-8141250-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.13

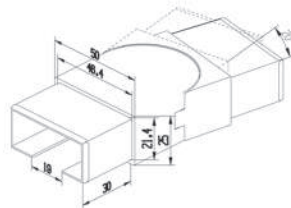
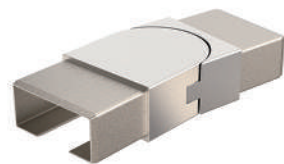


Item No.	LS-8141450-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.31

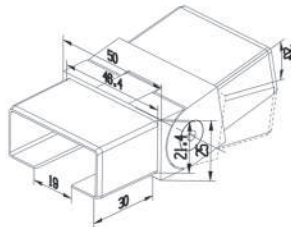
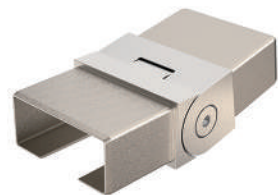




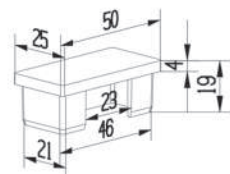
Item No.	LS-8141650-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.45



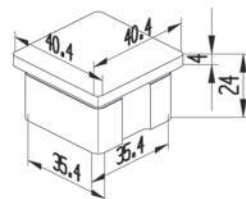
Item No.	LS-8141750-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.68



Item No.	LS-8141850-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.36



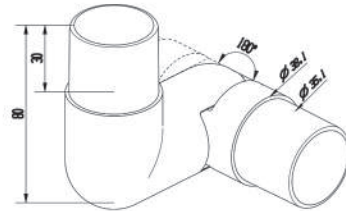
Item No.	LS-8141350-M/S/B/G/W
Coupling(MM)	50*25
WT(KG)	0.06



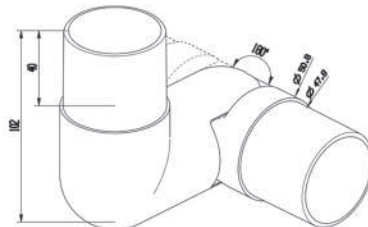
Item No.	LS-8141400-M/S/B/G/W
Coupling(MM)	40.4*40.4
WT(KG)	0.09



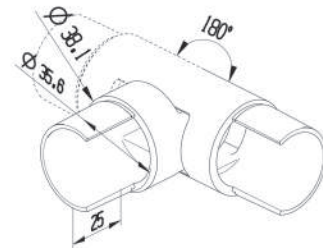
Aleader
Machinery Manufacturing



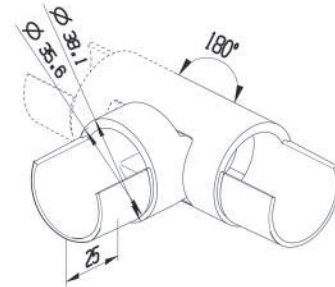
Item No.	LS-AJ9038V-M/S/B/G/W
Coupling(MM)	Φ38.1
WT(KG)	0.45



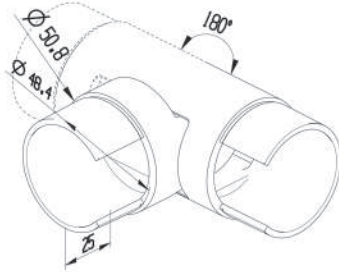
Item No.	LS-AJ9050V-M/S/B/G/W
Coupling(MM)	Φ50.8
WT(KG)	0.92



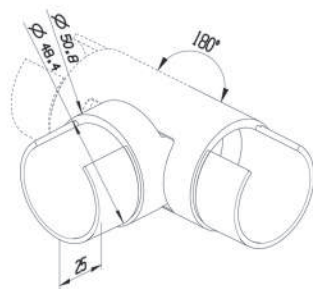
Item No.	LS-AF-R38-V-M/S/B/G/W
Coupling(MM)	Φ38.1
WT(KG)	0.38



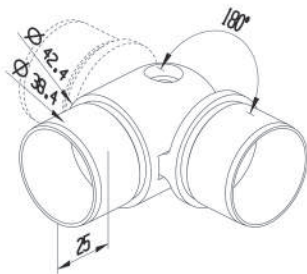
Item No.	LS-AF-R38-H-M/S/B/G/W
Coupling(MM)	Φ38.1
WT(KG)	0.38



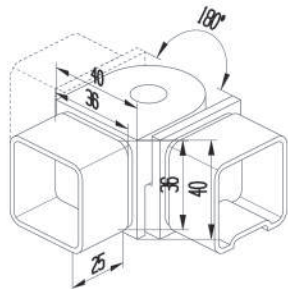
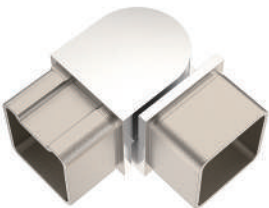
Item No.	LS-AF-R50-V-M/S/B/G/W
Coupling(MM)	Φ50.8
WT(KG)	0.50



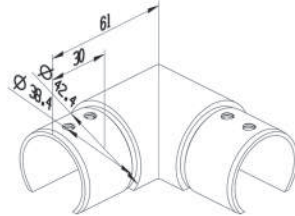
Item No.	LS-AF-R50-H-M/S/B/G/W
Coupling(MM)	Φ50.8
WT(KG)	0.50



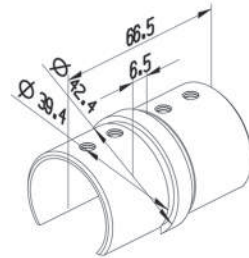
Item No.	LS-NTR-R42.4-1-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.41



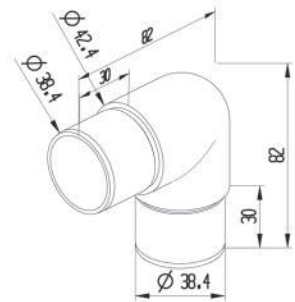
Item No.	LS-NTR-S40-2-M/S/B/G/W
Coupling(MM)	40*40
WT(KG)	0.47



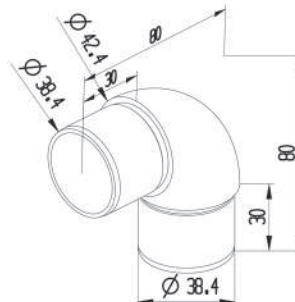
Item No.	LS-NTR-R42.4-3-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.29



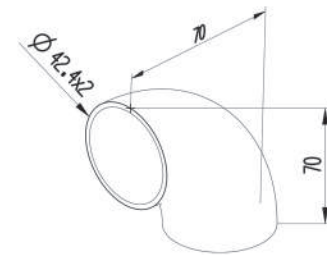
Item No.	LS-NTR-R42.4-4-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.11



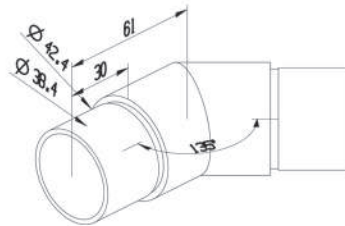
Item No.	LS-NTR-R42.4-5-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.22



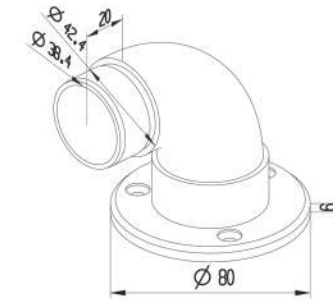
Item No.	LS-NTR-R42.4-6-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.22



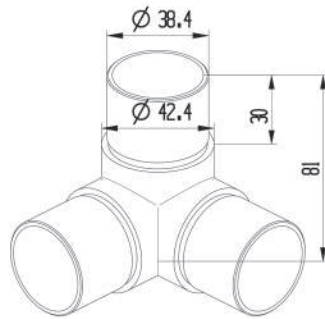
Item No.	LS-NTR-R42.4-7-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.14



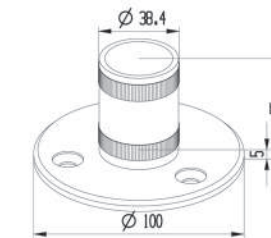
Item No.	LS-NTR-R42.4-8-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.23



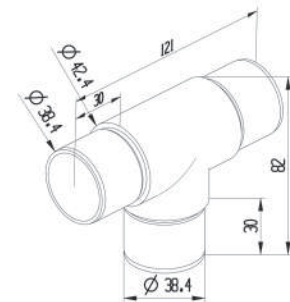
Item No.	LS-NTR-R42.4-13-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.40



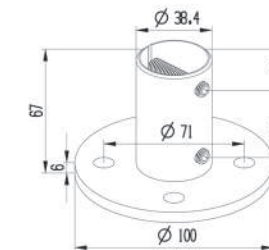
Item No.	LS-NTR-R42.4-9-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.38



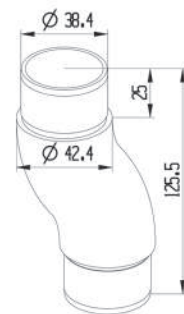
Item No.	LS-NTR-R38.4-14-M/S/B/G/W
Coupling(MM)	38.4
WT(KG)	0.30



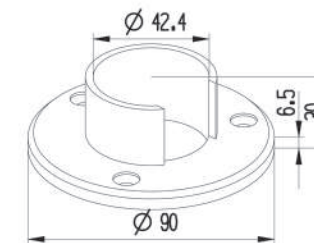
Item No.	LS-NTR-R42.4-10-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.30



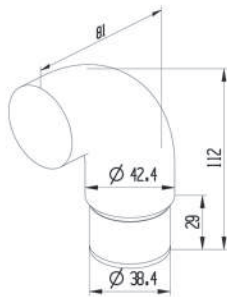
Item No.	LS-NTR-R38.4-15-M/S/B/G/W
Coupling(MM)	38.4
WT(KG)	0.43



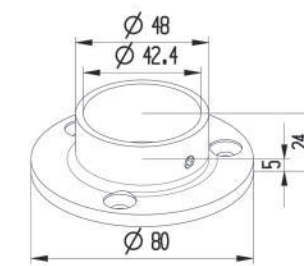
Item No.	LS-NTR-R42.4-11-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.35



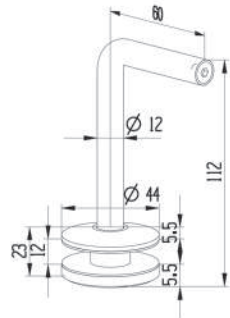
Item No.	LS-NTR-R42.4-16-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.24



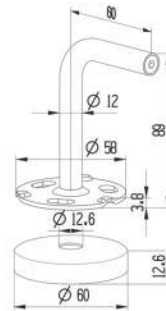
Item No.	LS-NTR-R42.4-12-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.32



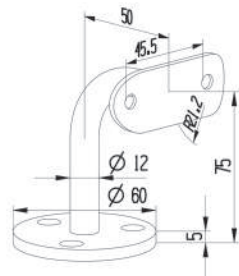
Item No.	LS-NTR-R42.4-17-M/S/B/G/W
Coupling(MM)	42.4
WT(KG)	0.15



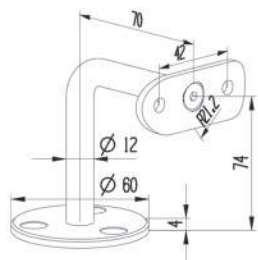
Item No.	LS-GB01-M/S/B/G/W
Glass Thickness	10MM
WT(KG)	0.24



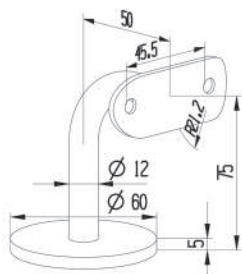
Item No.	LS-WBT01-M/S/B/G/W
Coupling(MM)	
WT(KG)	0.19



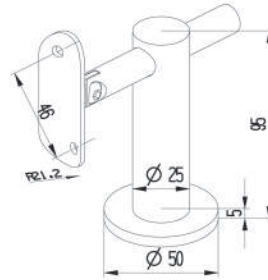
Item No.	LS-WBT02-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.19



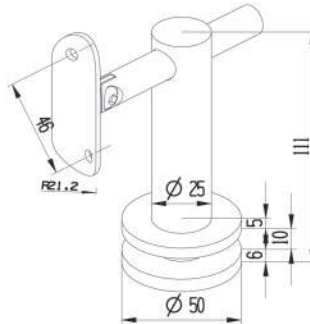
Item No.	LS-WBT03-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.23



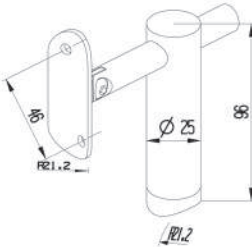
Item No.	LS-WBT04-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.25



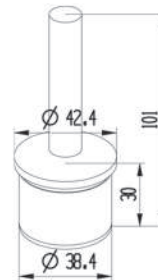
Item No.	LS-WBT05-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.50



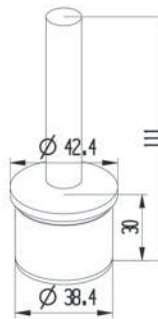
Item No.	LS-WBT06-M/S/B/G/W
Glass Thickness	10MM
WT(KG)	0.62



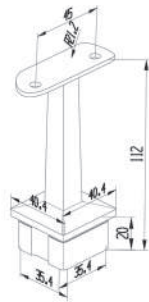
Item No.	LS-WBT07-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.37



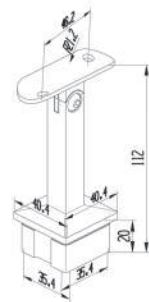
Item No.	LS-SHC-1-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.18



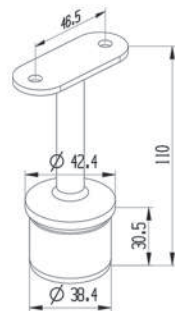
Item No.	LS-SHC-2-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.20



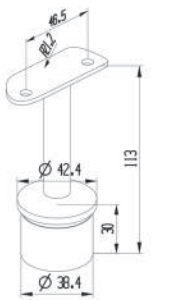
Item No.	LS-SHB-1-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.25



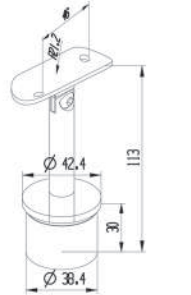
Item No.	LS-SHB-2-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.24



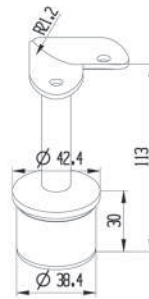
Item No.	LS-SHB-3-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.18



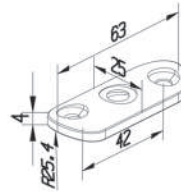
Item No.	LS-SHB-4-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.20



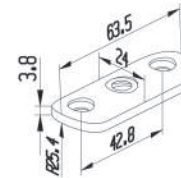
Item No.	LS-SHB-5-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.25



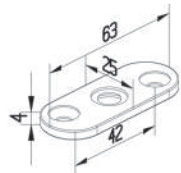
Item No.	LS-SHB-6-M/S/B/G/W
Coupling(MM)	Φ42.4
WT(KG)	0.24



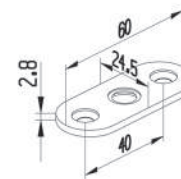
Item No.	LS-CRADLE50-1-M/S/B/G/W
Coupling(MM)	42*4
WT(KG)	0.04



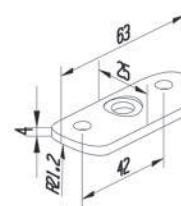
Item No.	LS-CRADLE50-2-M/S/B/G/W
Coupling(MM)	42.8*3.8
WT(KG)	0.03



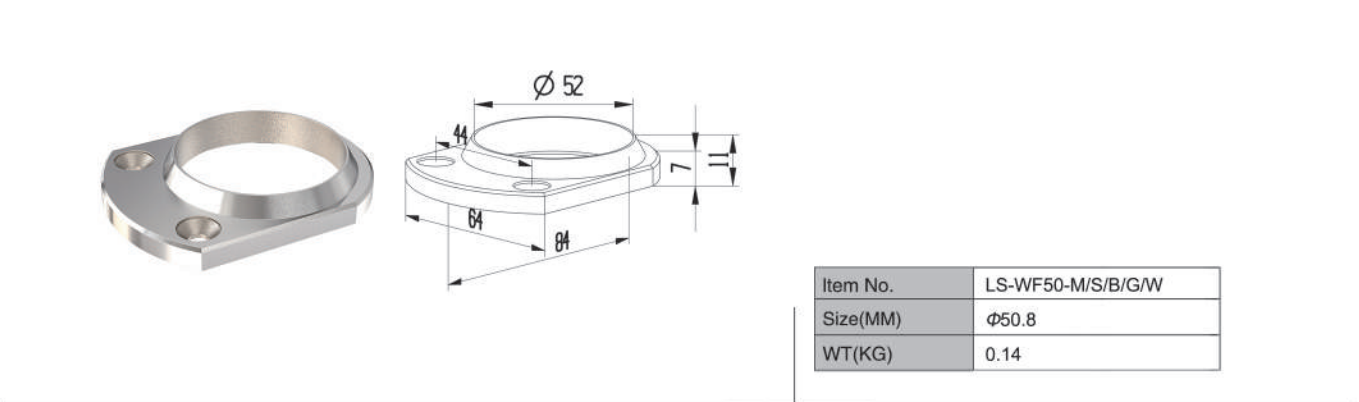
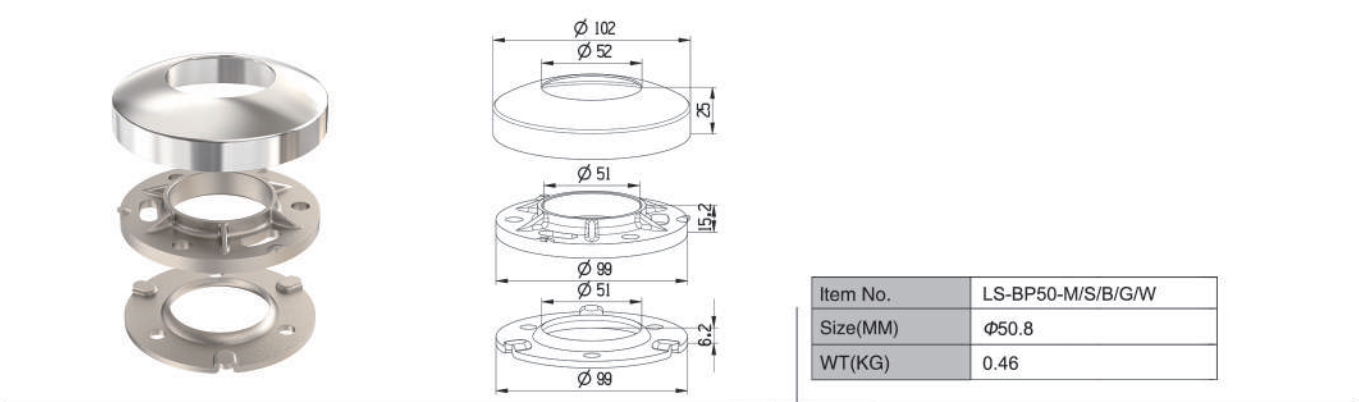
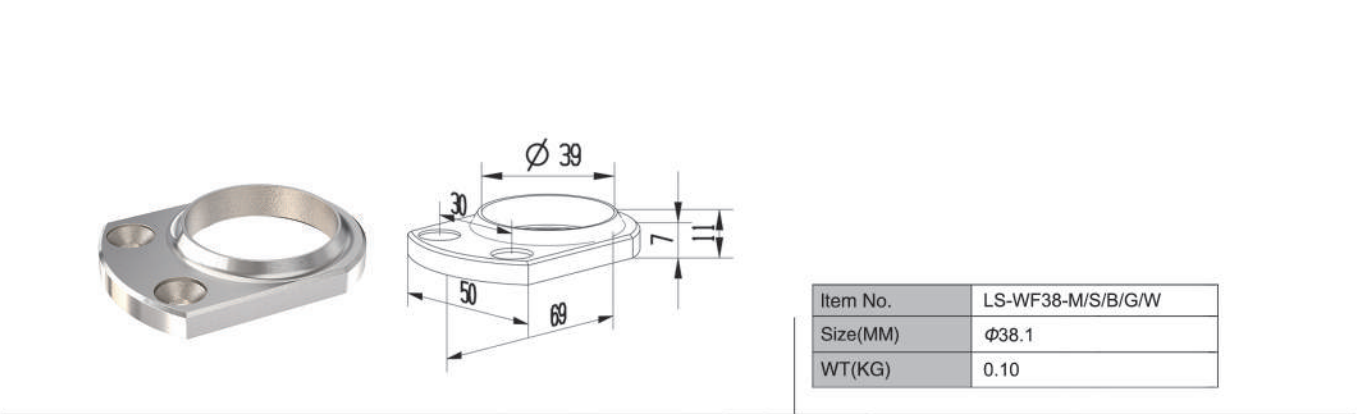
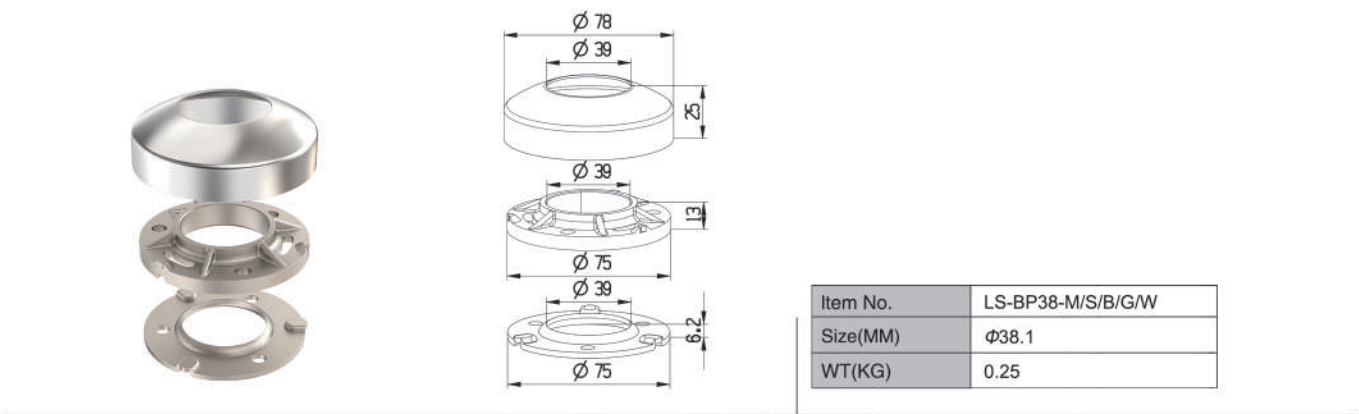
Item No.	LS-CRADLE-1-M/S/B/G/W
Coupling(MM)	42*4
WT(KG)	0.04



Item No.	LS-CRADLE-2-M/S/B/G/W
Coupling(MM)	40*2.8
WT(KG)	0.02



Item No.	LS-CRADLE42-M/S/B/G/W
Coupling(MM)	42*4
WT(KG)	0.04





Parameter

Item Number	Diameter(mm)	U Size(mm)	Thickness(mm)
LS-S01-M/S/B/G/W	25.4	14*14	1.2
LS-S02-M/S/B/G/W	38.1	15*15	1.2
LS-S03-M/S/B/G/W	42.4	24*24	1.2
LS-S04-M/S/B/G/W	48.3	27*30	1.2
LS-S05-M/S/B/G/W	50.8	15*15	1.2
LS-S07-M/S/B/G/W	38.1	15*15	1.5
LS-S08-M/S/B/G/W	42.4	24*24	1.35
LS-S09-M/S/B/G/W	48.3	30*27	1.2
LS-S10-M/S/B/G/W	50.8	20*20	1.2
LS-S11-M/S/B/G/W	63.5	18.5*21	1.2
LS-S12-M/S/B/G/W	60.3	34*34	1.35
LS-S14-M/S/B/G/W	76.2	26*25	1.35



Parameter

Item Number	Diameter(mm)	Thickness(mm)
LS-S17-M/S/B/G/W	38.1	1.2
LS-S18-M/S/B/G/W	48.3	1.2
LS-S19-M/S/B/G/W	50.8	1.2
LS-S20-M/S/B/G/W	50.8	1.0



Parameter

Item Number	External size(mm)	Internal U Size(mm)	Thickness(mm)
LS-S22-M/S/B/G/W	21*25	14*14	1.2
LS-S23-M/S/B/G/W	25*25	15*15	1.2
LS-S24-M/S/B/G/W	30*30	15*15	1.2
LS-S25-M/S/B/G/W	50.8*50.8	20*20	1.2
LS-S06-M/S/B/G/W	60*40	24*24	1.2

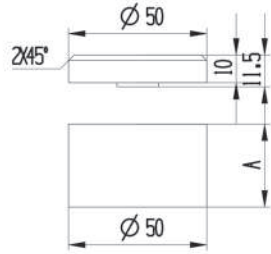


Parameter

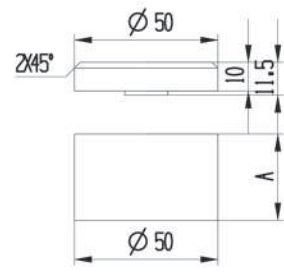
Item Number	External size(mm)	Internal Size(mm)	Thickness(mm)
LS-S26-M/S/B/G/W	38.1*38.1	35.1*35.1	1.5
LS-S27-M/S/B/G/W	50*50	44*44	3.0
LS-S28-M/S/B/G/W	50*50	48*48	1.0
LS-S29-M/S/B/G/W	38.1*38.1	36.1*36.1	1.0
LS-S30-M/S/B/G/W	50*10	47*7	1.5
LS-S31-M/S/B/G/W	30*15	27*12	1.5
LS-S32-M/S/B/G/W	40*15	38*13	1.0
LS-S33-M/S/B/G/W	50*25	47*22	1.5
LS-S34-M/S/B/G/W	75.5*45	74*43.5	1.0
LS-S35-M/S/B/G/W	100*44	96*40	2.0



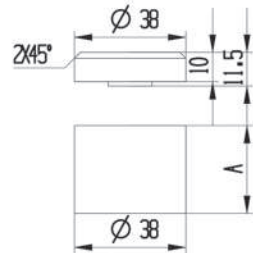
S



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



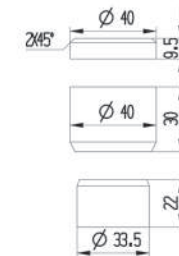
Item No.	A size	WT(KG)	Matching screw rod
Φ50-5	5MM	0.28	M12*60
Φ50-10	10MM	0.35	M12*60
Φ50-20	20MM	0.55	M12*60
Φ50-30	30MM	0.77	M12*30 M12*120
Φ50-40	40MM	0.92	M12*30 M12*120
Φ50-50	50MM	1.10	M12*30 M12*120



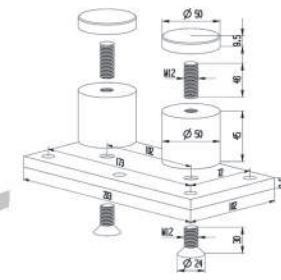
Item No.	A size	WT(KG)	Matching screw rod
Φ38-5	5MM	0.17	M12*60
Φ38-10	10MM	0.21	M12*60
Φ38-20	20MM	0.29	M12*60
Φ38-30	30MM	0.44	M12*30 M12*120
Φ38-40	40MM	0.52	M12*30 M12*120
Φ38-50	50MM	0.60	M12*30 M12*120



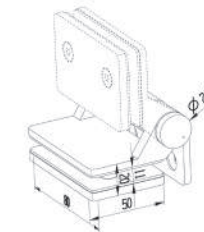
Item No.	STDC-4
Glass Thickness	8MM
WT(KG)	0.51



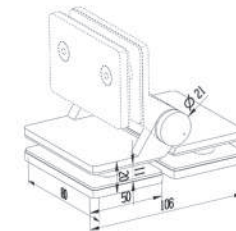
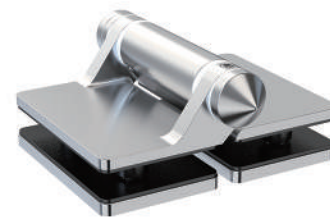
Item No.	STDC-5
Glass Thickness	8MM
WT(KG)	0.41



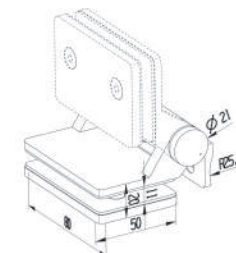
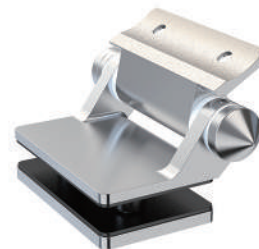
Item No.	50-45
Glass Thickness	8MM
WT(KG)	3.25



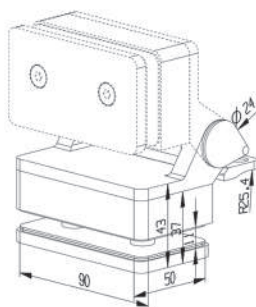
Item No.	LS-GW-2
Glass Thickness	8-12MM
WT(KG)	0.61



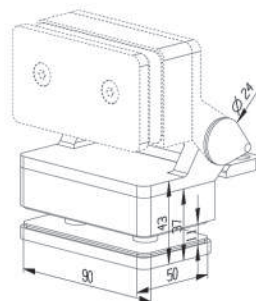
Item No.	LS-GG-2
Glass Thickness	8-12MM
WT(KG)	0.84



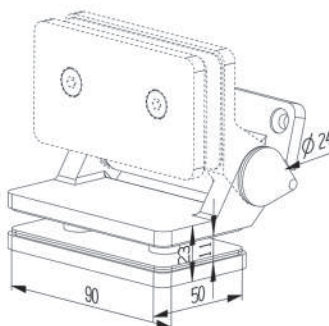
Item No.	LS-GP-2
Glass Thickness	8-12MM
WT(KG)	0.66



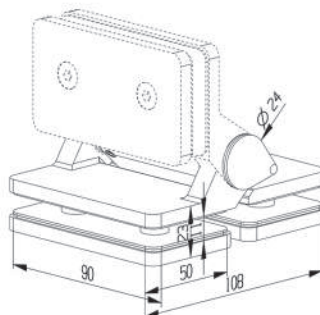
Item No.	PGH-RA-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.19KG



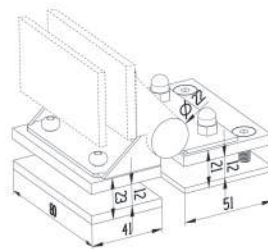
Item No.	PGH-SA-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.19KG



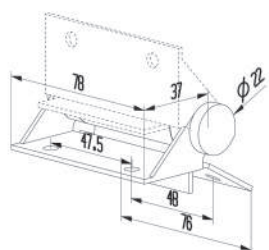
Item No.	PGH-W90A-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.93KG



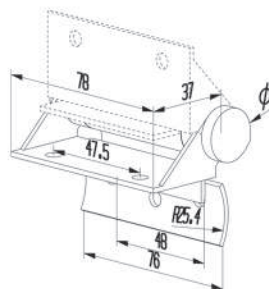
Item No.	PGH-180A-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.26KG



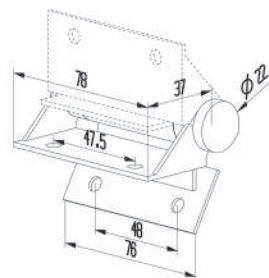
Item No.	LS-GH-40-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.86



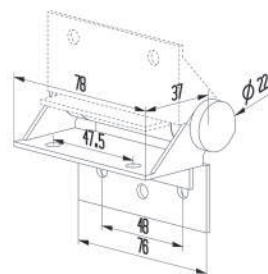
Item No.	LS-GH-41-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.25



Item No.	LS-GH-42-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.25



Item No.	LS-GH-43-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.25



Item No.	LS-GH-44-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.25



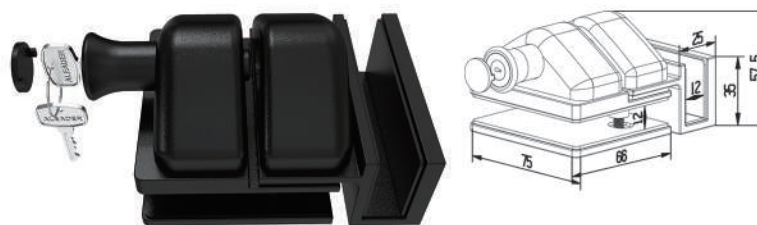
DL



Item No.	LS-DL-310-B
Glass Thickness	8-12MM
WT(KG)	0.86kg



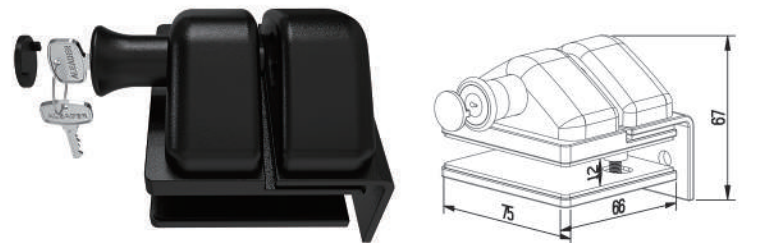
Item No.	LS-DL-311-B
Glass Thickness	8-12MM
WT(KG)	0.91kg



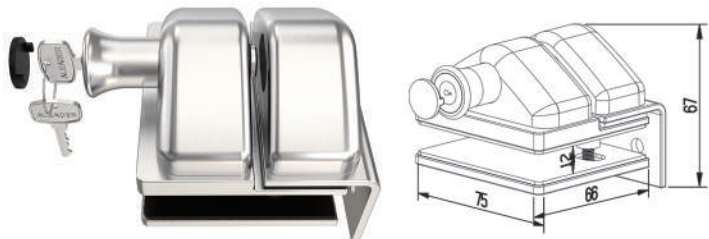
Item No.	LS-DL-321-B
Glass Thickness	8-12MM
WT(KG)	0.84kg



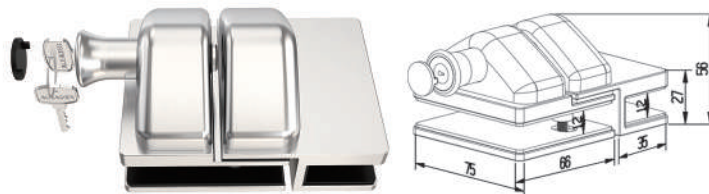
Item No.	LS-DL-323-B
Glass Thickness	8-12MM
WT(KG)	0.86kg



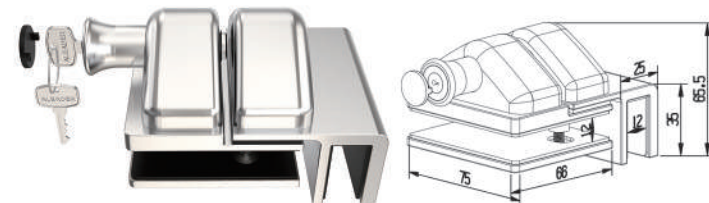
Item No.	LS-DL-331-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.64kg



Item No.	LS-DL-344-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	0.84KG



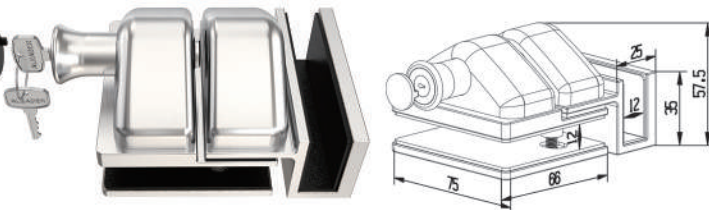
Item No.	LS-DL-346-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.05KG



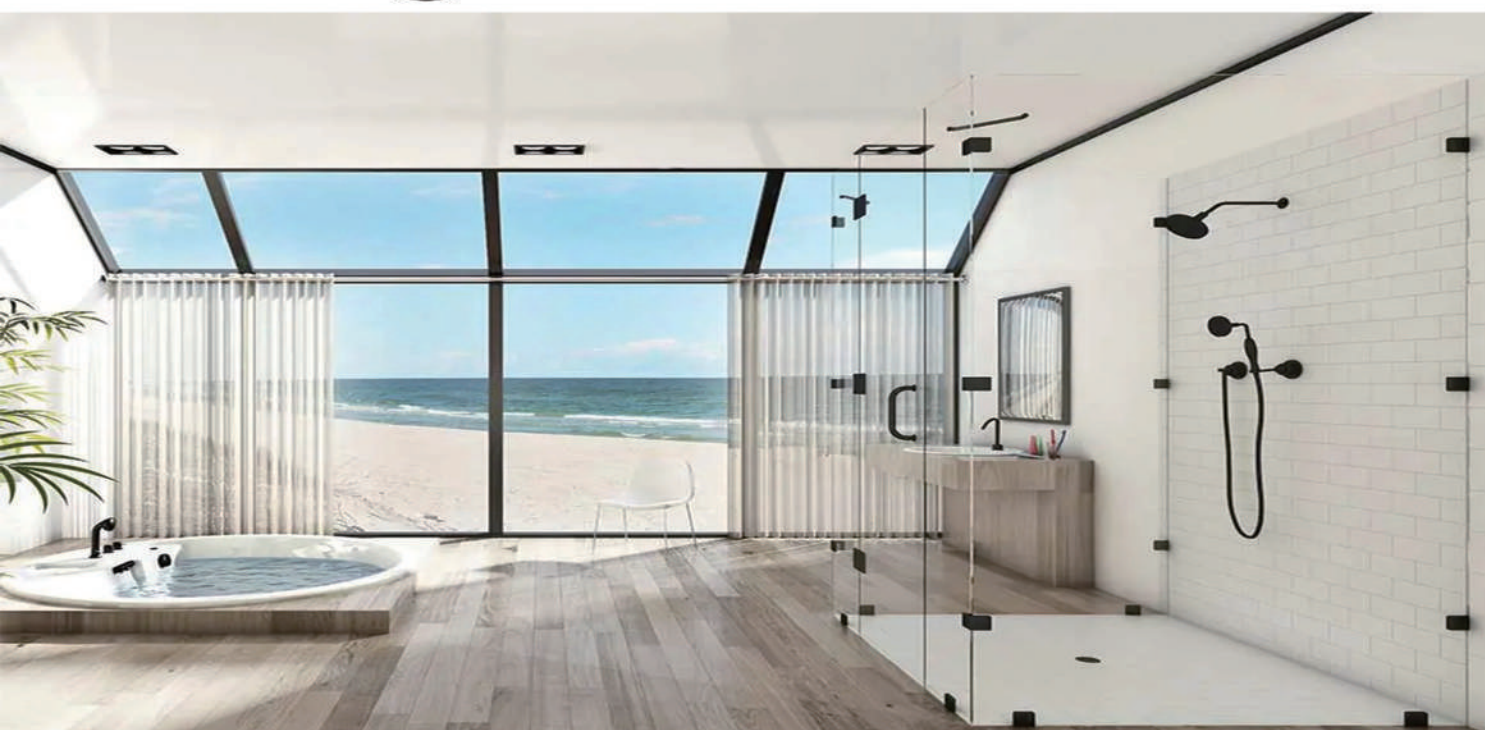
Item No.	LS-DL-348-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.01KG



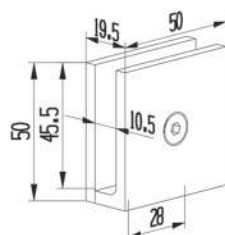
Item No.	LS-DL-349-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.12KG



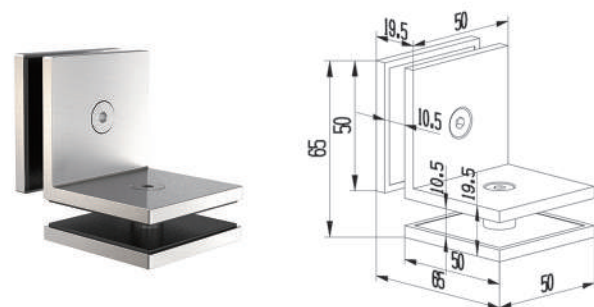
Item No.	LS-DL-343-M/S/B/G/W
Glass Thickness	8-12MM
WT(KG)	1.02KG



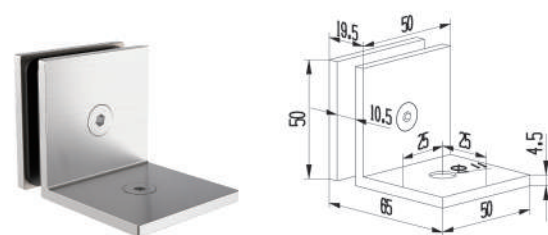
SB



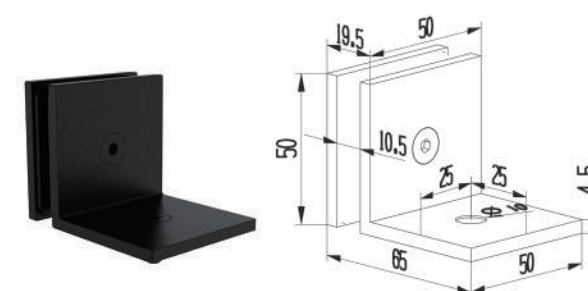
Item No.	SB-S90C10
Glass Thickness	8-10MM
WT(KG)	0.25



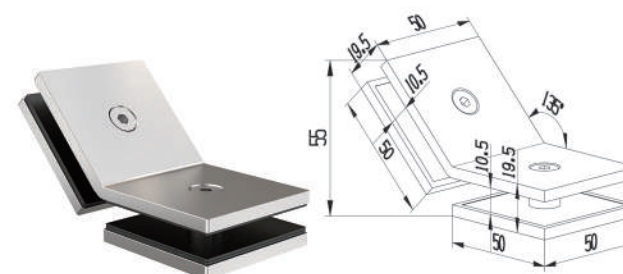
Item No.	SB-S90G10
Glass Thickness	8-10MM
WT(KG)	0.40



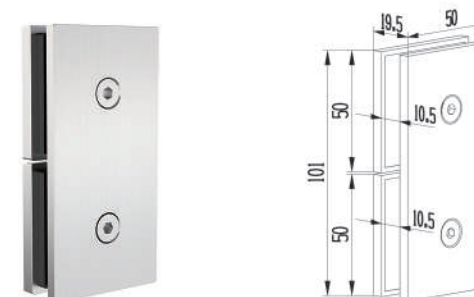
Item No.	SB-S90W10
Glass Thickness	8-10MM
WT(KG)	0.30



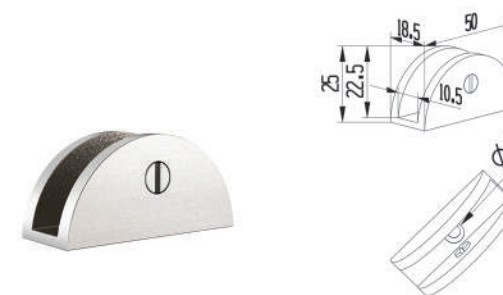
Item No.	SB-S90W10B
Glass Thickness	8-10MM
WT(KG)	0.30



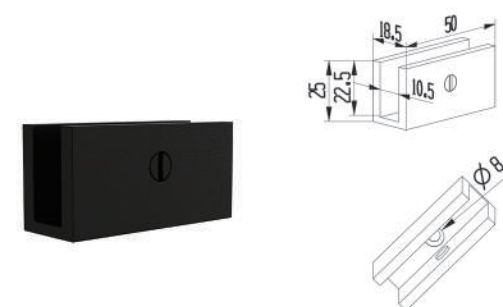
Item No.	SB-S135G10
Glass Thickness	8-10MM
WT(KG)	0.44



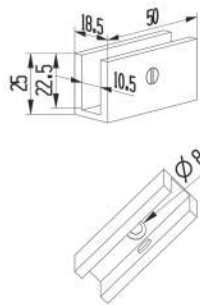
Item No.	SB-S180G10
Glass Thickness	8-10MM
WT(KG)	0.51



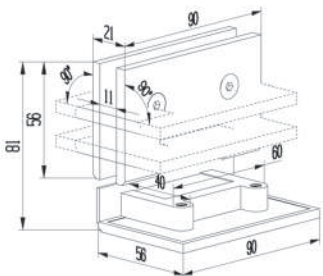
Item No.	SB-SRW10
Glass Thickness	8-10MM
WT(KG)	0.08



Item No.	SB-SSW10
Glass Thickness	8-10MM
WT(KG)	0.09

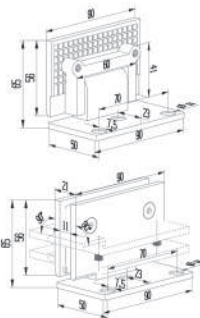


Item No.	SB-SSW10B
Glass Thickness	8-10MM
WT(KG)	0.09

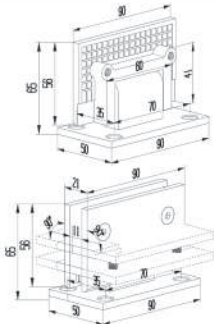


Item No.	SHC-90S
Glass Thickness	8-10MM
WT(KG)	1.23

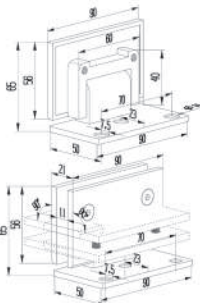
SHC



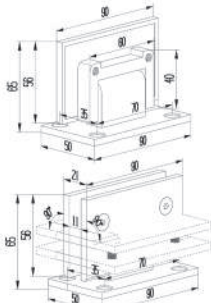
Item No.	SHC-90LM
Glass Thickness	8-10MM
WT(KG)	0.70



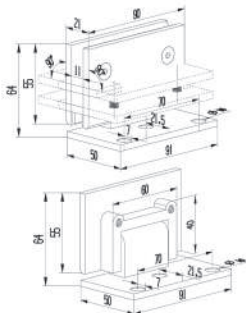
Item No.	SHC-90TM
Glass Thickness	8-10MM
WT(KG)	0.70



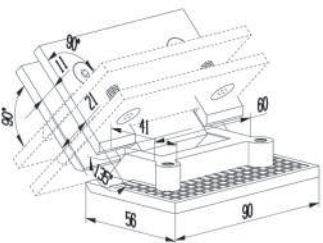
Item No.	SHC-90LS
Glass Thickness	8-10MM
WT(KG)	0.72



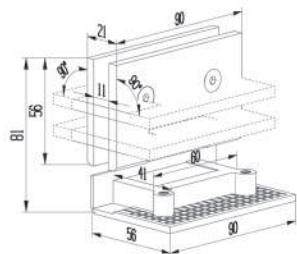
Item No.	SHC-90TS
Glass Thickness	8-10MM
WT(KG)	0.71



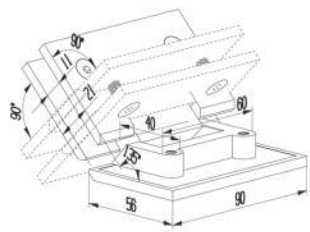
Item No.	SHC-90LSB
Glass Thickness	8-10MM
WT(KG)	0.65



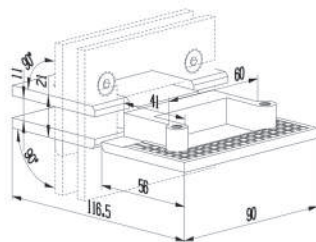
Item No.	SHC-135M
Glass Thickness	8-10MM
WT(KG)	1.15



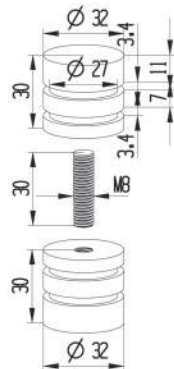
Item No.	SHC-90M
Glass Thickness	8-10MM
WT(KG)	1.20



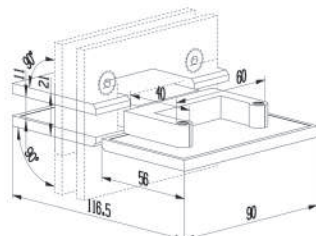
Item No.	SHC-135S
Glass Thickness	8-10MM
WT(KG)	1.15



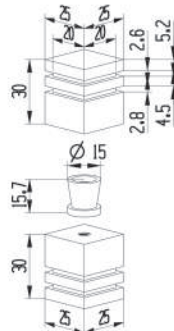
Item No.	SHC-180M
Glass Thickness	8-10MM
WT(KG)	1.13



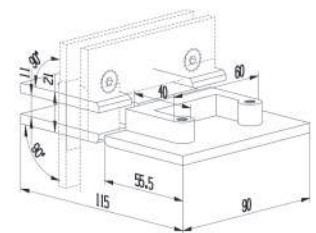
Item No.	SK-R32
Glass Thickness	8-10MM
WT(KG)	0.36



Item No.	SHC-180S
Glass Thickness	8-10MM
WT(KG)	1.16

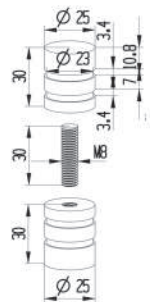


Item No.	SK-S25
Glass Thickness	8-10MM
WT(KG)	0.27

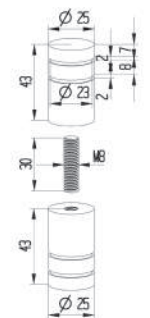


Item No.	SHC-180SB
Glass Thickness	8-10MM
WT(KG)	1.02

SK



Item No.	SK-R25
Glass Thickness	8-10MM
WT(KG)	0.21



Item No.	SK-R25LB
Glass Thickness	8-10MM
WT(KG)	0.35



Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White

Part number suffix specification: M=Mirror,S=Satin,B=Matt black, G=Golden,W=White