

Glass Hardware

Decorative Hardware for Glass

Section 12A



Standoffs

Section 12B



Hinges

Section 12C



Locks and Latches

Section 12D



Mirror Supplies

Section 12E



Specialized Glazier Hardware

Section 12F

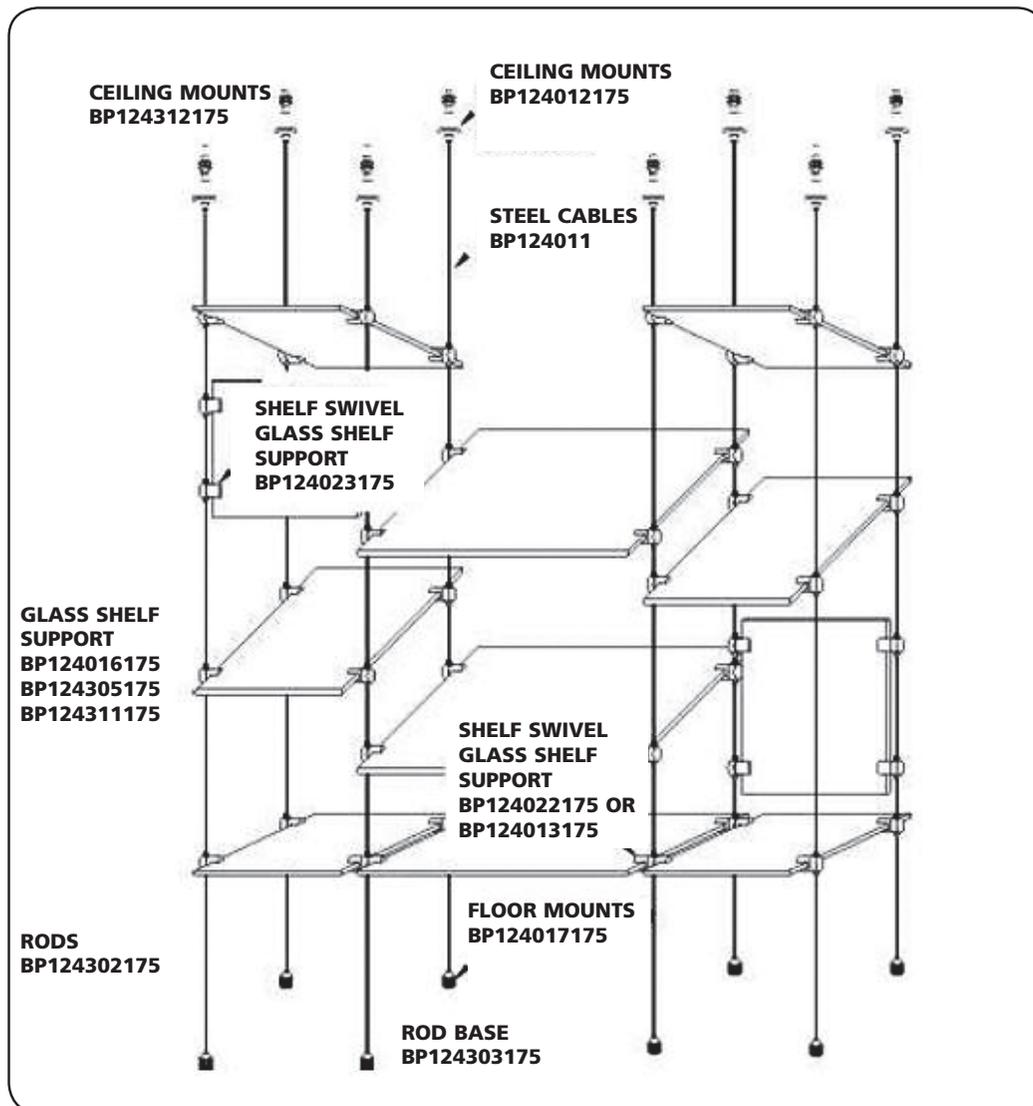


SCREWS AND FASTENERS	1
FURNITURE EQUIPMENT	2
HINGES	3
SLIDES	4
CASTERS AND LEGS	5
KITCHEN SOLUTIONS	6
CLOSET SOLUTIONS	7
LIGHTING SOLUTIONS	8
SINKS AND FAUCETS	9
OFFICE	10
SLIDING DOORS SYSTEMS	11
GLASS HARDWARE	12
PANELS AND SURFACES	13
EDGEBANDING	14
CABINET DOORS AND DRAWERS	15
MOLDINGS, CORBELS AND WINE CELLARS	16
GLUES, SILICONES, CAULK AND INSULATING	17
TOOLS AND SECURITY	18
FINISHING PRODUCTS AND ABRASIVES	19
COMMERCIAL DISPLAY AND HARDWARE	20
BUILDERS HARDWARE	21

SECTION 12

Wire Display Cable System

- Maximum capacity: 26.5 lb (12 kg) per shelf;
79.4 lb (36 kg) per column
- Suspended shelving, open frameless concept
- Easy to adjust without tools; shelves will be held at any height level along cable thanks to the built-in mechanism inside the connector
- Variety of applications such as hanging of posters, display shelving in a frameless environment
- Finish: Brushed Chrome
- Material: Zinc Alloy

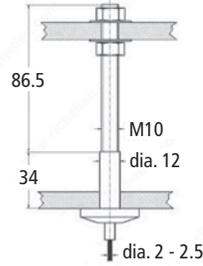


* **BORED SHELF SUPPORTS FOR GLASS (NOT SHOWN)**
BP1240115175

Decorative Hardware for Glass

Set of 4 Ceiling Mounts

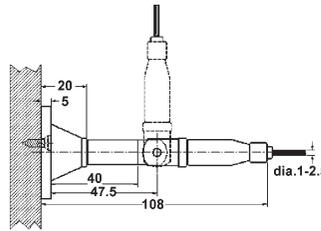
PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124012175	Brushed Chrome	Zinc Alloy	36 kg (79.4 lb)	1 set



Set of 4 Ceiling Mounts

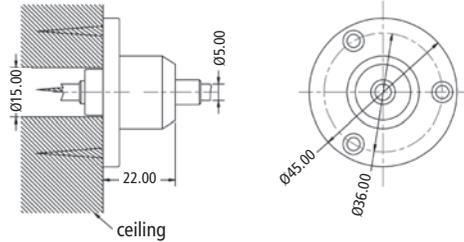
• Screws not included.

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124024175	Brushed Chrome	Brass and Zinc	12 kg (26.5 lb) per shelf	1 set



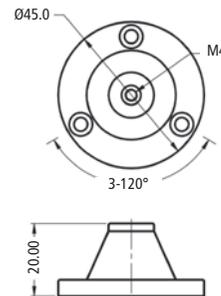
Set of 4 Ceiling Mounting Units

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124312175	Brushed Chrome	Zinc Alloy	36 kg (74.6 lb)	1 set



Set of 4 Rod Bases

PRODUCT	FINISH	MAT.	QTY/BOX
BP124303175	Brushed Chrome	Zinc Alloy	1 set



Richelieu Section 12A



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

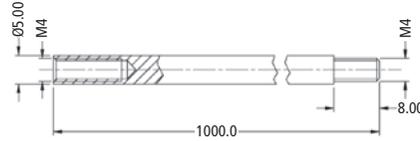
CCRM 2018

| Glass Hardware |
Decorative Hardware for Glass

**Richelieu
 Section 12A**

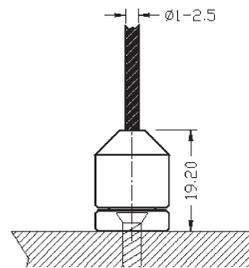
Set of 4 Stainless Steel Rods

PRODUCT	FINISH	MATERIAL	QTY/BOX
BP124302175	Brushed Chrome	Zinc Alloy	1 set



Set of 4 Floor Mounts

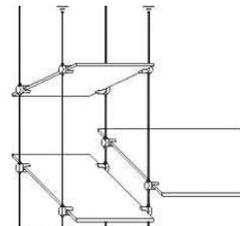
PRODUCT	FINISH	MATERIAL	QTY/BOX
BP124017175	Brushed Chrome	Zinc	1 set



Set of 4 Steel Cables

- Length: 16.4' (5 m)
- Diameter: 3/32" (2 mm)

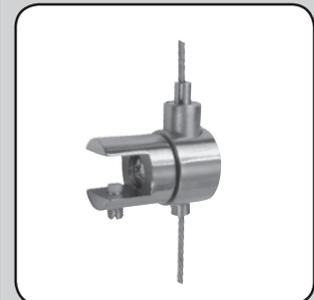
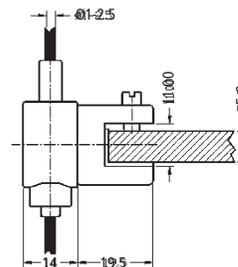
PRODUCT	FINISH	CAPACITY	QTY/BOX
BP124011	Natural Steel	36 kg (79.4 lb)	1 set



Set of 4 Swivel Glass Shelf Supports

- Thickness: 3/16 to 5/16" (5 to 8 mm)

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124023175	Brushed Chrome	Brass and Zinc	12 kg (26.5 lb)	1 set



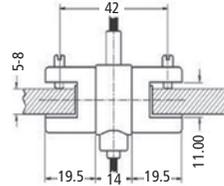
| Glass Hardware |

Decorative Hardware for Glass

Set of 4 Swivel Glass Shelf Supports

- Thickness: 3/16 to 5/16" (5 to 8 mm)

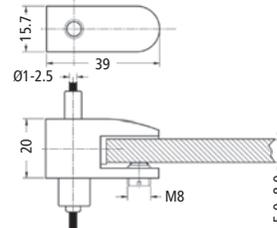
PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124022175	Brushed Chrome	Zinc Alloy	12 kg (26.5 lb)	1 set



Set of 4 Glass Shelf Supports

- Thickness: 3/16 to 5/16" (5 to 8 mm)

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124016175	Brushed Chrome	Zinc Alloy	12 kg (26.5 lb)	1 set



Set of 4 Glass Shelf Supports

- For 6 to 8 mm shelves
- Shelf Thickness: 1/4" to 5/16" (6 to 8 mm)

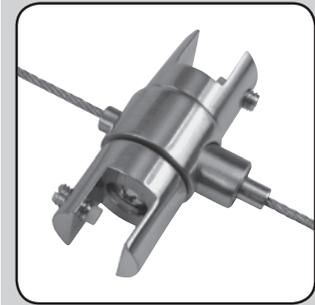
PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124305175	Brushed Chrome	Zinc alloy	12 kg (26.5 lb)	1 set

Set of 4 Glass Shelf Supports (without perforation)

- For 6 to 8 mm shelves

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY / BOX
BP124311175	Brushed Chrome	Zinc alloy	12 kg (26.5 lb)	1 set

Richelieu Section 12A



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12A5

I Glass Hardware I

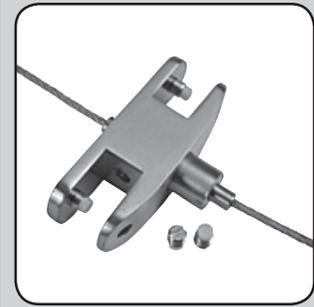
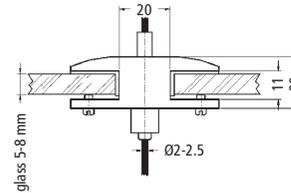
Decorative Hardware for Glass

Richelieu Section 12A

Set of 4 Middle Glass Supports

- Thickness: 3/16 to 5/16" (5 to 8 mm)

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124013175	Brushed Chrome	Zinc	12 kg (26.5 lb)	1 set

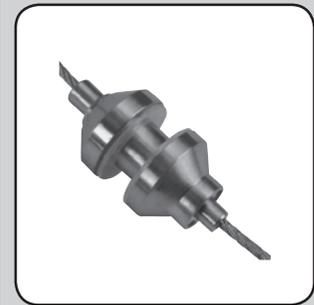
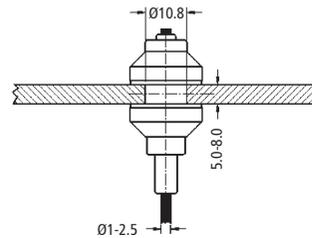


Set of 4 Bored Shelf Supports for Glass

10 mm bored hole.

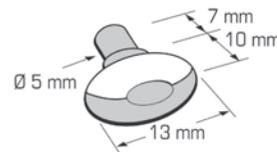
- Thickness: 3/16 to 5/16" (5 to 8 mm)

PRODUCT	FINISH	MATERIAL	CAPACITY	QTY/BOX
BP124015175	Brushed Chrome	Zinc	12 kg (26.5 lb)	1 set



Dream Glass Shelf Supports with Bumper

PRODUCT	FINISH	Ø		LENGTH		WIDTH		LOAD RATING		QTY/BOX
		in	mm	in	mm	in	mm	lb	kg	
CP1750195	Nickel	3/16	5	21/32	17	1/2	13	154	70	100
BP1750195	Nickel	3/16	5	21/32	17	1/2	13	154	70	8



CCRM 2018

| Glass Hardware |

Decorative Hardware for Glass

Pierced Glass Bracket

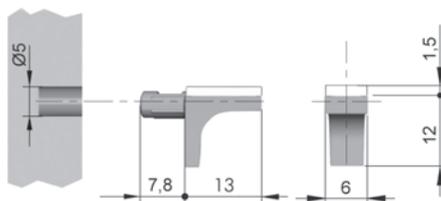
- Glass Thickness: 1/4 to 15/32" (6 to 12 mm)

PRODUCT	FINISH	Ø		LENGTH		QTY/BOX
		in	mm	in	mm	
770238140	Chrome	1/4	6	25/32	20	50

K Line Shelf Support

Essential and functional design solution that satisfies the most common shelf supports requirements.

PRODUCT	FINISH	Ø		LENGTH		THICKNESS		WIDTH		LOAD CAPACITY PER SHELF		QTY/BOX
		in	mm	in	mm	in	mm	in	mm	lb	kg	
CP328180	Nickel	3/16	5	1/2	13	15/32	12	1/4	6	154	70	100
MP328180	Nickel	3/16	5	1/2	13	15/32	12	1/4	6	154	70	1000

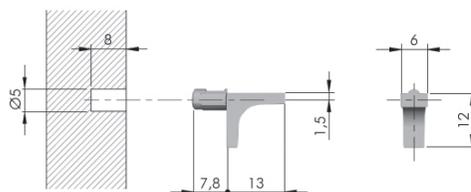


K Line Metal Shelf Pin

Pin for drop-in wood shelves.

- Gives your cabinet a clean, up-to-date look
- Model with blocking pin prevents shelf from moving when moving the cabinet
- Slightly wider model offers more stability
- Using 4 pins: Formula to calculate the load capacity for shelves of several sizes: 0.65 Kg/dm²
- Material: Metal
- Shelf thickness: min. 5/8" (16 mm)
- Width: 1/4" (6 mm)

PRODUCT	FINISH	HEIGHT		LENGTH		DRILLING Ø		LOAD CAPACITY PER SHELF		QTY/BOX
		in	mm	in	mm	in	mm	lb	kg	
MP1272G	Zinc	9/16	15	7/8	22	1/8	3	143	65	1000
CP1282G	Zinc	15/32	12	13/16	21	3/16	5	-	-	100
1282G	Zinc	15/32	12	13/16	21	3/16	5	-	-	1



Richelieu Section 12A



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12A7

Decorative Hardware for Glass

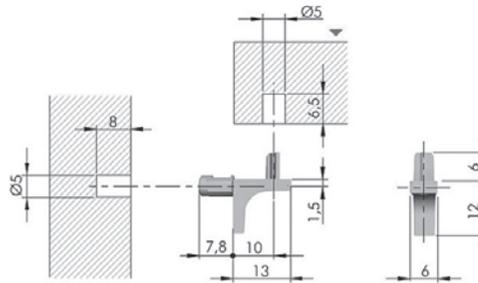
Richelieu Section 12A

K Line Metal Shelf Pins with Retainer

Pin with block pin to hold shelf in cabinet.

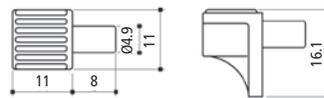
- Gives your cabinet a clean, up-to-date look
- Model with blocking pin prevents shelf from moving when the cabinet is moved
- Slightly wider model offers more stability
- Using 4 pins: Formula to calculate the load capacity for shelves of several sizes: 0.65 Kg/dm²
- Material: Metal
- Shelf thickness: 5/8" (16 mm)
- Width: 1/4" (6 mm)

PRODUCT	FINISH	HEIGHT		LENGTH		DRILLING Ø		LOAD CAPACITY PER SHELF		QTY/BOX
		in	mm	in	mm	in	mm	lb	kg	
CP2282G	Zinc	15/32	12	13/16	21	3/16	5	176	80	100
2282G	Zinc	15/32	12	13/16	21	3/16	5	176	80	1
MP2272G	Zinc	17/32	14	7/8	22	1/8	3	143	65	1000



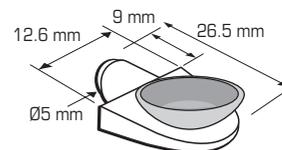
Glass Shelf Support

PRODUCT	FINISH	Ø		LENGTH		THICKNESS		WIDTH		QTY/BOX
		in	mm	in	mm	in	mm	in	mm	
CP58453140	Clear	3/16	5	3/4	19	5/8	16	7/16	11	100



Glass Shelf Support with Suction Cup

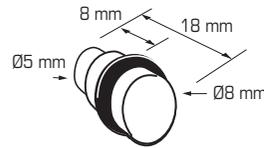
PRODUCT	FINISH	Ø		LENGTH		WIDTH		QTY/BOX
		in	mm	in	mm	in	mm	
CP58494180	Nickel	3/16	5	1-1/32	26	1/2	12	100



Decorative Hardware for Glass

Glass Shelf Support with Rubber Ring

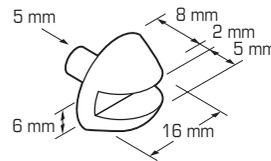
PRODUCT	FINISH	DRILLING Ø		Ø		QTY/BOX
		in	mm	in	mm	
CP58405140	Chrome	3/16	5	5/8	8	100



Glass Shelf Support

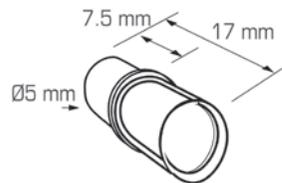
• Glass Thickness: 3/16" – 5 mm

PRODUCT	FINISH	DRILLING Ø		Ø		QTY/BOX
		in	mm	in	mm	
CP70511	Clear	3/16	5	5/8	16	100
MP70511	Clear	3/16	5	5/8	16	1000



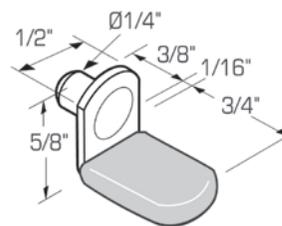
Glass Shelf Support

PRODUCT	FINISH	Ø		LENGTH		QTY/BOX
		in	mm	in	mm	
MP58372180	Nickel	3/16	5	21/32	17	1000
BP58372180	Nickel	3/16	5	21/32	17	8

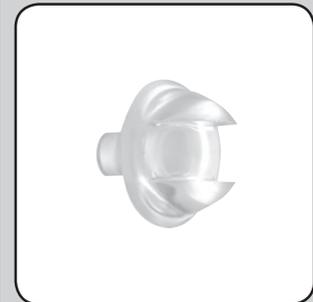


Glass Shelf Support

PRODUCT	FINISH	Ø		LENGTH		WIDTH		QTY/BOX
		in	mm	in	mm	in	mm	
58310M41	Brass	1/4	6	3/4	19	1/2	13	1



Richelieu Section 12A



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

I Glass Hardware I

Decorative Hardware for Glass

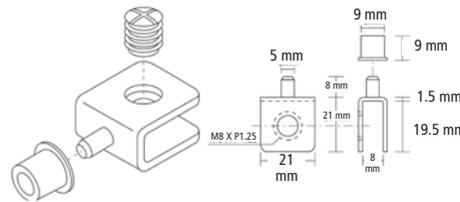
Richelieu Section 12A

Glass Shelf Supports

Includes a black 11/32" – 9 mm insert for use when product is used as a small hinge.
Holding screws for glass.

- Glass Thickness: 3/16" to 1/4" – 5 to 6 mm

PRODUCT	FINISH	Ø		LENGTH		WIDTH		QTY/ BOX
		in	mm	in	mm	in	mm	
2176180	Nickel	3/16	5	13/16	21	13/16	21	1
CP2176180	Nickel	3/16	5	13/16	21	13/16	21	100



Glass Shelf Supports – 7-7/8" – 200 mm

These polished zinc supports are designed specifically for glass shelves, and combine utility and fashion to be both strong and decorative.

- Glass Thickness: 5/8" – 8 mm

PRODUCT	FINISH	Ø		LENGTH		QTY/BOX
		in	mm	in	mm	
156200170	Stainless Steel	25/32	20	7-7/8	200	2
156200174	Stainless Steel	25/32	20	7-7/8	200	2

Glass Wall Brackets

These polished zinc brackets are designed specifically for glass shelves. Both strong and decorative, they effectively combine utility with fashion. Can also be used in front of the stovetop as a protective screen for children. In this case, be sure to use heat-resistant tempered glass.

- Glass Thickness: 5/16" – 8 mm

PRODUCT	FINISH	Ø		HEIGHT		QTY/BOX
		in	mm	in	mm	
158200170	Stainless Steel	25/32	20	7-7/8	200	2
158200174	Matte Chrome	25/32	20	7-7/8	200	2



I Glass Hardware I

Decorative Hardware for Glass

Triangular Shelf Supports

- Glass Thickness: 1/8 to 25/32" – 3 to 20 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
93920140	Chrome	1-1/2	38	1-5/32	29	2
93920170	Stainless Steel	1-1/2	38	1-5/32	29	2
93920174	Satin Chrome	1-1/2	38	1-5/32	29	2

- Glass Thickness: 1/8 to 1-1/32" – 3 to 26 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
93921140	Chrome	1-7/8	47	1-13/32	35	2
93921170	Stainless Steel	1-7/8	47	1-13/32	35	2
93921174	Satin Chrome	1-7/8	47	1-13/32	35	2

Zinc – Oval Shelf Supports

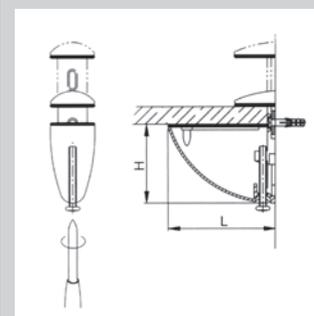
- Glass Thickness: 5/32 to 5/8" – 4 to 16 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
93930140	Chrome	1-3/4	45	2-7/32	56	2
93930170	Stainless Steel	1-3/4	45	2-5/32	55	2
93930174	Satin Chrome	1-3/4	45	2-7/32	56	2

- Glass Thickness: 5/32 to 1-1/32" – 4 to 26 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
93931140	Chrome	2-1/8	55	3	76	2
93931170	Stainless Steel	2-1/8	55	3	76	2
93931174	Satin Chrome	2-1/8	55	3	76	2

Richelieu Section 12A



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12A11

I Glass Hardware I

Decorative Hardware for Glass

Richelieu Section 12A

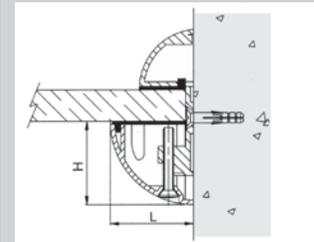
Hemispheric Shelf Support

- Glass Thickness: 5/32 to 13/32" – 4 to 10 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
93970140	Chrome	1-1/32	26	1-1/32	26	2
93970170	Stainless Steel	1-1/32	26	1-1/32	26	2
93970174	Satin Chrome	1-1/32	26	1-1/32	26	2

- Glass Thickness: 9/16 to 1-3/16" – 14 to 30 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
93971170	Stainless Steel	1-9/16	40	1-9/16	40	2

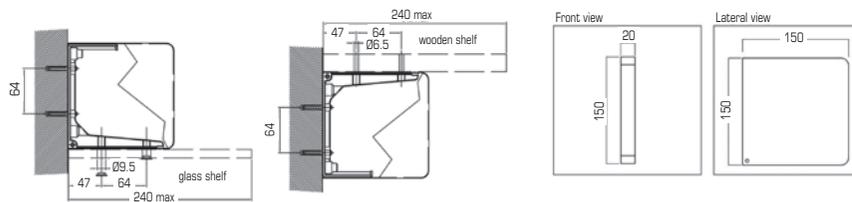
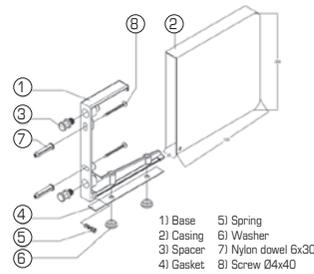


Decorative BLOCK Shelf Support - 6010

Wall designs, in the real sense of the word. Designed to support and add character to simple wall shelves, these shelf supports accentuate your plain shelves and create a contemporary environment!

- Can be installed on top or under the shelf
- Accommodates wood and glass shelves
- Shelf Maximum Length 1000 mm & Depth 240 mm
- Maximum capacity per pair 30 kg (Wood)
- Maximum capacity per pair 15 kg (Glass)

PRODUCT	FINISH	HEIGHT	LENGTH	WIDTH	QTY/BOX
6010150171	Polished Stainless Steel	150 mm (5-29/32 in)	150 mm (5-29/32 in)	20 mm (25/32 in)	4

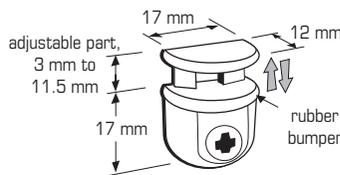


Peki Glass Shelf Support – Adjustable

Technical shelf support with a captive design to lock glass shelves 5/32"–13/32" (4 mm to 10 mm) thick.

Consists of two elements:

- The main body with the locking screw pin
- The upper bracket with grooves which are pushed down into the main body until they perfectly fit the glass thickness
- Turn the screw pin 90° clockwise to safely lock the glass



PRODUCT	FINISH	Ø		LENGTH		WIDTH		QTY/BOX
		in	mm	in	mm	in	mm	
3020180	Nickel	3/16	5	15/32	12	21/32	17	1000
BP3020180	Nickel	3/16	5	15/32	12	21/32	17	4



CCRM 2018

Decorative Hardware for Glass

Shelf Support with M8 Insert

Shelf support with M8 insert for panel installation. Made of solid brass. Suitable for all glass thicknesses. Load capacity 5.30 lb/ft³ – 85 kg/m².

PRODUCT	FINISH	Ø		WIDTH		QTY/BOX
		in	mm	in	mm	
93951195	Satin Nickel	15/32	12	7-7/8	200	2

Shelf Support with Nylon Anchor

Shelf support with nylon anchor for wall installation. Made of solid brass. Suitable for all glass thicknesses. Load capacity 85 kg/m².

PRODUCT	FINISH	Ø		WIDTH		QTY/BOX
		in	mm	in	mm	
93950174	Satin Chrome	15/32	12	7-7/8	200	2

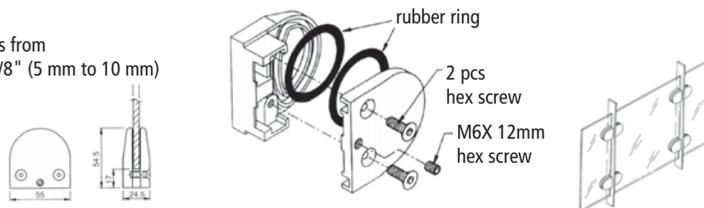
Metal Wall Connectors

Ideal for glass and acrylic.

- Thickness: 21/32" – 25 mm
- Glass Thickness: 3/16 to 13/32" – 5 to 10 mm

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
BP3100174	Satin Chrome	2-5/32	55	2-1/8	54	2
BP3100195	Satin Nickel	2-5/32	55	2-1/8	54	2

thicknesses from
3/16" to 3/8" (5 mm to 10 mm)



Richelieu Section 12A



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

I Glass Hardware I

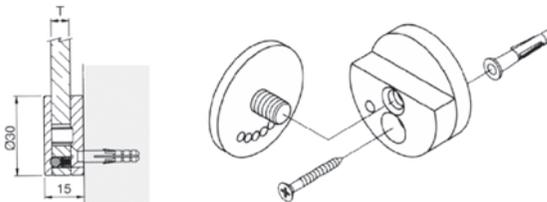
Decorative Hardware for Glass

Richelieu Section 12A

Wall-Mounted Side-Grip

Ideal spacer for beveled mirrors, glass, stained glass, acrylic and wood panels.

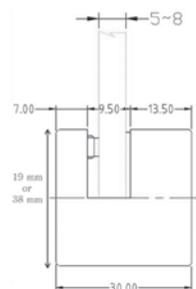
PRODUCT	FINISH	THICKNESS		Ø		SAFETY GLASS THICKNESS		QTY/ BOX
		in	mm	in	mm	in	mm	
93040140	Chrome	5/8	15	1-1/4	30	5/32 to 1/4	4 to 6	4
93040170	Stainless Steel	5/8	15	1-1/4	30	5/32 to 1/4	4 to 6	4



Side-Grip Wall-Mount Brackets

Ideal for beveled mirrors, stained glass art pieces, glass, acrylic or wood panels.

PRODUCT	FINISH	THICKNESS		Ø		SAFETY GLASS THICKNESS		QTY/ BOX
		in	mm	in	mm	in	mm	
GMEG14BN	Brushed Nickel	1	25	1	25	3/16 to 5/16	5 to 8	1
GMEG3113BN	Brushed Nickel	1	25	1	25	13/32 to 15/32	10 to 12	1
GMEG14CH	Chrome	1	25	1	25	3/16 to 5/16	5 to 8	1
GMEG3113C	Chrome	1	25	1	25	13/32 to 15/32	10 to 12	1
BP313119140	Chrome	3/4	19	1-3/16	30	3/16 to 5/16	5 to 8	4
BP313138140	Chrome	1-1/2	38	1-3/16	30	3/16 to 5/16	5 to 8	4
GMEG3113G	Gold	1	25	1	25	13/32 to 15/32	10 to 12	1



Standoffs

Bases and Caps

2" Diameter Solid Metal Standoff Base - Various Threads

Gaskets not included.

Ideal for signage, displays, railing, presentation and desk tops. Sold individually (cap shown, but sold separately). Available in several sizes with thread count 3/8" - 16 and now also available with 1/2" thread for specially requested engineering requirements. Stocked in standard finishes and lengths. Custom finishes and lengths available by request. Suggested hole size in glass - 7/8" for adjustment.

- Milling Diameter: 7/8"

PRODUCT	FINISH	MATERIAL	HEIGHT		THREAD	QTY/BOX
			in	mm		
GMSOB212PS	Polished Stainless Steel	Stainless Steel (316)	1/2	12	3/8" - 16	1
GMSOB21PS	Polished Stainless Steel	Stainless Steel (316)	1	25	3/8" - 16	1
GMSOB2112PS	Polished Stainless Steel	Stainless Steel (316)	1-1/2	38	3/8" - 16	1
GMSOB22PS	Polished Stainless Steel	Stainless Steel (316)	2	50	3/8" - 16	1
GMSOB214BS	Stainless Steel	Stainless Steel (316)	1/4	6	3/8" - 16	1
GMSOB212BS	Stainless Steel	Stainless Steel (316)	1/2	12	3/8" - 16	1
GMSOB234BS	Stainless Steel	Stainless Steel (316)	3/4	19	3/8" - 16	1
GMSOB21BS	Stainless Steel	Stainless Steel (316)	1	25	3/8" - 16	1
GMSOB2114BS	Stainless Steel	Stainless Steel (316)	1-1/4	32	3/8" - 16	1
GMSOB2112BS	Stainless Steel	Stainless Steel (316)	1-1/2	38	3/8" - 16	1
GMSOB2134BS	Stainless Steel	Stainless Steel (316)	1-3/4	45	3/8" - 16	1
GMSOB22BS	Stainless Steel	Stainless Steel (316)	2	50	3/8" - 16	1
GMSOB2212BS	Stainless Steel	Stainless Steel (316)	2-1/2	64	3/8" - 16	1
GMSOB23BS	Stainless Steel	Stainless Steel (316)	3	76	3/8" - 16	1
GMSOB24BS	Stainless Steel	Stainless Steel (316)	4	102	3/8" - 16	1
GMSOB212BS12	Stainless Steel	Stainless Steel (304)	1/2	12	1/2" - 13	1
GMSOB234BS12	Stainless Steel	Stainless Steel (304)	3/4	19	1/2" - 13	1
GMSOB21BS12	Stainless Steel	Stainless Steel (304)	1	25	1/2" - 13	1
GMSOB2112BS12	Stainless Steel	Stainless Steel (304)	1-1/2	38	1/2" - 13	1
GMSOB22BS12	Stainless Steel	Stainless Steel (304)	2	50	1/2" - 13	1
GMSOB2212BS12	Stainless Steel	Stainless Steel (304)	2-1/2	64	1/2" - 13	1
GMSOB23BS12	Stainless Steel	Stainless Steel (304)	3	76	1/2" - 13	1
GMSOB24BS12	Stainless Steel	Stainless Steel (304)	4	102	1/2" - 13	1

Required Product(s):

GMSOCAP2BS, GMSOCAP2BSS303 – 2" Diameter Standoff Cap
 GMSOHBXXXX – Hanger Bolt for Standoff Post

1-3/4" Diameter Solid Metal Standoff Base - 5/16" - 18 thread

Gaskets not included.

These bases (and caps) are drilled and tapped for a 5/16" hangerbolt, ready rod or stud.

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB1341BS	Stainless Steel	Stainless Steel (316)	1	25	1
GMSOB134112BS	Stainless Steel	Stainless Steel (316)	1-1/2	38	1
GMSOB1342BS	Stainless Steel	Stainless Steel (316)	2	50	1

Required Product(s):

GMSOCAP134BS – 1-3/4" Diameter Standoff Cap
 GMSOHB516212Z, GMSOHB5163Z, GMSOHB516212S – Hanger Bolt for Standoff Post

Richelieu Section 12B



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

Standoffs

Bases and Caps

Richelieu Section 12B

1-1/2" Diameter Solid Metal Standoff Base - 3/8" - 16 thread

Gaskets not included.

These bases (and caps) are drilled and tapped for a 5/16" hangerbolt, ready rod or stud.

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB11212BS	Stainless Steel	Stainless Steel (316)	1/2	12	1
GMSOB11234BS	Stainless Steel	Stainless Steel (304)	3/4	19	1
GMSOB1121BS	Stainless Steel	Stainless Steel (316)	1	25	1
GMSOB112112BS	Stainless Steel	Stainless Steel (316)	1-1/2	38	1
GMSOB1122BS	Stainless Steel	Stainless Steel	2	50	1
GMSOB1124BS	Stainless Steel	Stainless Steel (316)	4	102	1

Required Product(s):

GMSOCAP112BS – 1-1/2" Diameter Standoff Cap

GMSOHBXXXX – Hanger Bolt for Standoff Post

1-1/4" Diameter Solid Metal Standoff Base - 5/16" - 18 thread

Gaskets not included.

Ideal for signage, displays, presentation and desk tops. Stocked in standard finishes and lengths. Custom finishes and lengths available by request. Requires 5/8" hole in glass or panel.

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB11414GM	Black nickel	Solid Brass	1/4	6	1
GMSOB11412GM	Black nickel	Solid Brass	1/2	12	1
GMSOB11434GM	Black nickel	Solid Brass	3/4	19	1
GMSOB1141GM	Black nickel	Solid Brass	1	25	1
GMSOB114112GM	Black nickel	Solid Brass	1-1/2	38	1
GMSOB1142GM	Black nickel	Solid Brass	2	50	1
GMSOB11414CH	Chrome	Solid Brass	1/4	6	1
GMSOB11412CH	Chrome	Solid Brass	1/2	12	1
GMSOB11434CH	Chrome	Solid Brass	3/4	19	1
GMSOB1141CH	Chrome	Solid Brass	1	25	1
GMSOB114112CH	Chrome	Solid Brass	1-1/2	38	1
GMSOB1142CH	Chrome	Solid Brass	2	50	1
GMSOB1143CH	Chrome	Solid Brass	3	76	1
GMSOB1144CH	Chrome	Solid Brass	4	102	1
GMSOB1146CH	Chrome	Solid Brass	6	152	1
GMSOB11414BR	Polished Brass	Solid Brass	1/4	6	1
GMSOB11434BR	Polished Brass	Solid Brass	3/4	19	1
GMSOB1141BR	Polished Brass	Solid Brass	1	25	1
GMSOB114112BR	Polished Brass	Solid Brass	1-1/2	38	1
GMSOB1142BR	Polished Brass	Solid Brass	2	50	1



Standoffs

Bases and Caps

1-1/4" Diameter Solid Metal Standoff Base - 5/16" - 18 thread

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB11412SC	Satin chrome	Solid Brass	1/2	12	1
GMSOB11434SC	Satin chrome	Solid Brass	3/4	19	1
GMSOB1141SC	Satin chrome	Solid Brass	1	25	1
GMSOB114112SC	Satin chrome	Solid Brass	1-1/2	38	1
GMSOB1142SC	Satin chrome	Solid Brass	2	50	1
GMSOB1143SC	Satin chrome	Solid Brass	3	76	1
GMSOB1144SC	Satin chrome	Solid Brass	4	102	1
GMSOB1146SC	Satin chrome	Solid Brass	6	152	1
GMSOB11414BS	Stainless steel	Stainless steel (316)	1/4	6	1
GMSOB11412BS	Stainless steel	Stainless steel (316)	1/2	12	1
GMSOB11434BS	Stainless steel	Stainless steel (316)	3/4	19	1
GMSOB1141BS	Stainless steel	Stainless steel (316)	1	25	1
GMSOB114112BS	Stainless steel	Stainless steel (316)	1-1/2	38	1
GMSOB1142BS	Stainless steel	Stainless steel (316)	2	50	1
GMSOB1143BS	Stainless steel	Stainless steel (304)	3	76	1
GMSOB1144BS	Stainless steel	Stainless steel (316)	4	102	1
GMSOB1146BS	Stainless steel	Stainless steel (316)	6	152	1

Required Product(s):

- GMSOCAP114BS – 1-1/4" Diameter Standoff Cap
- GMSOLPC114BS – 1-1/4" Diameter Low Profile Standoff Cap
- GMSOHB516212Z, GMSOHB5163Z, GMSOHB516212S – Hanger Bolt for Standoff Post

1" Diameter Solid Metal Standoff Base - 1/4" - 21 thread

Gaskets not included.

1" Diameter Standoffs are high-tech in both design and appearance and provide the user with unlimited design potential for retail displays, exhibit buildings, restaurant or commercial applications.

- Can be used indoors or outdoors
- Threaded completely through

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB1014BS	Stainless Steel	Stainless Steel (316)	1/4	6	1
GMSOB1012BS	Stainless Steel	Stainless Steel (316)	1/2	12	1
GMSOB1034BS	Stainless Steel	Stainless Steel (316)	3/4	19	1
GMSOB101BS	Stainless Steel	Stainless Steel (316)	1	25	1

Required Product(s):

- GMSOCAP1BS – 1" Diameter Standoff Cap
- GMSOHB14112S – Hanger Bolt for Standoff Post

Richelieu Section 12B



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

Standoffs

Bases and Caps

Richelieu Section 12B

3/4" Diameter Solid Metal Standoff Base - 1/4" - 20 thread

Gaskets not included.

Ideal for signage, displays, presentation and desk tops.

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB3412CH	Chrome	Solid Brass	1/2	12	1
GMSOB3434CH	Chrome	Solid Brass	3/4	19	1
GMSOB341CH	Chrome	Solid Brass	1	25	1
GMSOB34112CH	Chrome	Solid Brass	1-1/2	38	1
GMSOB342CH	Chrome	Solid Brass	2	50	1
GMSOB344CH	Chrome	Solid Brass	4	102	1
GMSOB346CH	Chrome	Solid Brass	6	152	1
GMSOB3412SC	Satin Chrome	Solid Brass	1/2	12	1
GMSOB3434SC	Satin Chrome	Solid Brass	3/4	19	1
GMSOB341SC	Satin Chrome	Solid Brass	1	25	1
GMSOB34112SC	Satin Chrome	Solid Brass	1-1/2	38	1
GMSOB342SC	Satin Chrome	Solid Brass	2	50	1
GMSOB344SC	Satin Chrome	Solid Brass	4	102	1
GMSOB346SC	Satin Chrome	Solid Brass	6	152	1
GMSOB3412BS	Stainless Steel	Stainless Steel (304)	1/2	12	
GMSOB3434BS	Stainless Steel	Stainless Steel (304)	3/4	19	1
GMSOB341BS	Stainless Steel	Stainless Steel (304)	1	25	1
GMSOB34112BS	Stainless Steel	Stainless Steel (316)	1-1/2	38	1
GMSOB342BS	Stainless Steel	Stainless Steel (304)	2	50	1
GMSOB344BS	Stainless Steel	Stainless Steel (304)	4	102	1
GMSOB346BS	Stainless Steel	Stainless Steel (304)	6	152	1

Required Product(s):

- GMSOCAP34BS – 1" 3/4" Diameter Standoff Cap
- GMSOLPC34BS – 3/4" Diameter Low Profile Standoff Cap
- GMSOHB14112S – Hanger Bolt for Standoff Post

1/2" Diameter Solid Metal Standoff Base - Non-Threaded

Gaskets not included.

The 1/2" Standoff Bases do not have internal threads. Use the hanger bolts or the threaded rod directly to secure the cap assembly for anchoring to substrate. 5/16" hole required for fabrication.

PRODUCT	FINISH	MATERIAL	HEIGHT		QTY/BOX
			in	mm	
GMSOB1212CH	Chrome	Stainless Steel (304)	1/2	12	1
GMSOB1234CH	Chrome	Stainless Steel (304)	3/4	19	1
GMSOB121CH	Chrome	Stainless Steel (304)	1	25	1
GMSOB1212BS	Stainless Steel	Stainless Steel (304)	1/2	12	1
GMSOB1234BS	Stainless Steel	Stainless Steel (304)	3/4	19	1
GMSOB121BS	Stainless Steel	Stainless Steel (304)	1	25	1

Required Product(s):

- GMSOCAP12BS – 1/2" Diameter Standoff Cap

CCRM 2018



Standoffs

Bases and Caps

Standoff Caps for Standard Bases – 1/4" (6 mm) Thick

PRODUCT	FINISH	MATERIAL	Ø		MILLING Ø		QTY/ BOX
			in	mm	in	mm	
GMSOCAP114GM	Black Nickel	Stainless Steel (304)	1-1/4	32	5/8	16	1
GMSOCAP12CH	Chrome	Stainless Steel (316)	1/2	12	5/16	8	1
GMSOCAP34CH	Chrome	Stainless Steel (316)	3/4	19	7/16	11	1
GMSOCAP114CH	Chrome	Stainless Steel (304)	1-1/4	32	5/8	16	1
GMSOCAP114BR	Polished Brass	Stainless Steel (304)	1-1/4	32	5/8	16	1
GMSOCAP2PS	Polished Stainless Steel	Stainless Steel (316)	2	50	5/8	16	1
GMSOCAP34SC	Satin Chrome	Stainless Steel (316)	3/4	19	7/16	11	1
GMSOCAP114SC	Satin Chrome	Stainless Steel (304)	1-1/4	32	5/8	16	1
GMSOCAP12BS	Stainless Steel	Stainless Steel (316)	1/2	12	5/16	8	1
GMSOCAP34BS	Stainless Steel	Stainless Steel (316)	3/4	19	7/16	11	1
GMSOCAP1BS	Stainless Steel	Stainless Steel (316)	1	25	1/2	12	1
GMSOCAP114BS	Stainless Steel	Stainless Steel (304)	1-1/4	32	5/8	16	1
GMSOCAP112BS	Stainless Steel	Stainless Steel (316)	1-1/2	38	5/8	16	1
GMSOCAP134BS	Stainless Steel	Stainless Steel (316)	1-3/4	45	1/2	12	1
GMSOCAP2BSS303	Stainless Steel	Stainless Steel (304)	2	50	5/8	16	1
GMSOCAP2BS	Stainless Steel	Stainless Steel (316)	2	50	5/8	16	1
GMSOCAP2BS12	Stainless Steel	Stainless Steel (316)	2	50	7/8	22	1

Low-Profile Caps for Standoffs – 1/8" (3 mm) Thick

PRODUCT	FINISH	MATERIAL	Ø		MILLING Ø		QTY/ BOX
			in	mm	in	mm	
GMSOLPC34CH	Chrome	Solid Brass	3/4	19	1/2	12	1
GMSOLPC114CH	Chrome	Solid Brass	1-1/4	32	5/8	16	1
GMSOLPC34BS	Stainless Steel	Stainless Steel (316)	3/4	19	1/2	12	1
GMSOLPC114BS	Stainless Steel	Stainless Steel (316)	1-1/4	32	5/8	16	1
GMSOLPC2BS	Stainless Steel	Stainless Steel (316)	2	50	5/8	16	1

Richelieu Section 12B



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

Standoffs

Bases and Caps

Richelieu Section 12B

Hanger Bolt for Standoff Post

Hanger bolts have wood screw threads at one end, and machine threads at the other. Screw one end into wood, and the exposed end provides a machine threaded stud. Zinc bolts not for outdoor use. Stainless steel bolts are recommended for wet or outdoor applications.

- 3/8" bolts are used on 2" diameter standoff bases
- 5/16" bolts are used on 1-1/4" diameter standoff bases
- 1/4" bolts are used on 3/4" diameter standoff bases
- 10-24 bolts are used on 1/2" diameter standoff bases

PRODUCT	FINISH	MATERIAL	THREADED	LENGHT		QTY/BOX
				in	mm	
GMSOHB14112S	Stainless Steel	Stainless Steel	1/4"-20	1-1/2	38	1
GMSOHB124S	Stainless Steel	Stainless Steel	1/2"- 13	4	102	1
GMSOHB125S	Stainless Steel	Stainless Steel	1/2"- 13	5	127	1
GMSOHB126S	Stainless Steel	Stainless Steel	1/2"- 13	6	152	1
GMSOHB128S	Stainless Steel	Stainless Steel	1/2"- 13	8	203	1
GMSOHB516212S	Stainless Steel	Stainless Steel	5/16"- 18	2-1/2	64	1
GMSOHB38212SS	Stainless Steel	Stainless Steel	3/8"- 16	2-1/2	64	1
GMSOHB383SS	Stainless Steel	Stainless Steel	3/8"- 16	5	762	1
GMSOHB38312SS	Stainless Steel	Stainless Steel	3/8"- 16	3-1/2	89	1
GMSOHB384S	Stainless Steel	Stainless Steel	3/8"- 16	4	102	1
GMSOHB385S	Stainless Steel	Stainless Steel	3/8"- 16	5	127	1
GMSOHB386S	Stainless Steel	Stainless Steel	3/8"- 16	6	152	1
GMSOHB388S	Stainless Steel	Stainless Steel	3/8"- 16	7	203	1
GMSOHB124Z	Zinc	Steel	1/2"- 13	4	102	1
GMSOHB125Z	Zinc	Steel	1/2"- 13	5	127	1
GMSOHB126Z	Zinc	Steel	1/2"- 13	6	152	1
GMSOHB128Z	Zinc	Steel	1/2"- 13	8	203	1
GMSOHB516212Z	Zinc	Steel	5/16"- 18	2-1/2	64	1
GMSOHB5163Z	Zinc	Steel	5/16"- 18	3	76	1
GMSOHB38212Z	Zinc	Steel	3/8"- 16	2-1/2	64	1
GMSOHB383Z	Zinc	Steel	3/8"- 16	3	76	1
GMSOHB38312Z	Zinc	Steel	3/8"- 16	3-1/2	89	1
GMSOHB384Z	Zinc	Steel	3/8"- 16	4	102	1
GMSOHB385Z	Zinc	Steel	3/8"- 16	5	127	1
GMSOHB38512Z	Zinc	Steel	3/8"- 16	5-1/2	140	1
GMSOHB386Z	Zinc	Steel	3/8"- 16	6	152	1
GMSOHB388Z	Zinc	Steel	3/8"- 16	8	203	1

Required Product(s):
Standoff Base



Standoffs

Bases and Caps

Standoff without Ring - 1/4" - 20 Thread

Cap Included. For glass thickness 8 mm to 12 mm.

PRODUCT	FINISH	MATERIAL	MILLING Ø		HEIGHT		Ø		QTY/BOX
			in	mm	in	mm	in	mm	
BP31319140*	Chrome	Steel	9/32	7	3/4	19	3/4	19	4
BP31338140*	Chrome	Steel	9/32	7	1-1/2	38	3/4	19	4
BP31319175	Satin Nickel	Steel	9/32	7	3/4	19	3/4	19	4
BP31338175	Satin Nickel	Steel	9/32	7	1-1/2	38	3/4	19	4

*Includes 2 Washers and 1 Pin

1-1/4" Square Standoff Base - 5/16" - 18 Thread

Ideal for desks and wall-mounting art objects.

PRODUCT	FINISH	MATERIAL	MILLING Ø		HEIGHT		QTY/BOX
			in	mm	in	mm	
GMSQ12575CH	Chrome	Solid Brass	5/8	16	3/4	19	4
GMSQ1251CH	Chrome	Solid Brass	5/8	16	1	25	4
GMSQ125112CH	Chrome	Solid Brass	5/8	16	1-1/2	38	4
GMSQ1252CH	Chrome	Solid Brass	5/8	16	2	50	4
GMSQ12575SC	Satin Chrome	Solid Brass	5/8	16	3/4	19	4
GMSQ1251SC	Satin Chrome	Solid Brass	5/8	16	1	25	4
GMSQ125112SC	Satin Chrome	Solid Brass	5/8	16	1-1/2	38	4

Required Product(s):

GMSQCAP125CH, GMSQCAP125SC – Square Standoff Cap

Square Standoff Cap - 5/16" - 18 Thread

The secondary cap, with removable Allen screw, has two flat sides which are used to secure the cap to the panel material. When firmly in place, the top cap is paced over the secondary cap, then aligned with the square base and held in position with undetectable double-sided tape. With this design there is no "adjustment" or "trial-and-error" required to line up the cap with the base. Requires a 5/8" hole for assembly.

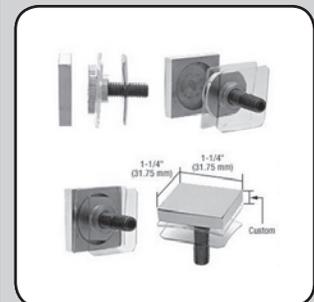
PRODUCT	FINISH	MATERIAL	WIDTH		THICKNESS		MILLING Ø		QTY/BOX
			in	mm	in	mm	in	mm	
GMSQCAP34CH	Chrome	Solid Brass	3/4	19	1/4	6	5/8	16	1
GMSQCAP125CH	Chrome	Solid Brass	1-1/4	32	1/4	6	5/8	16	1
GMSQCAP125SC	Satin Chrome	Solid Brass	1-1/4	32	1/4	6	5/8	16	1

Included Product(s):

The complete assembly consists of:

- 1 square cap with double sided tape
- 1 secondary cap
- 1 5/16" - 18 x 1" Allen screw
- 1 clear plastic washer with sleeve
- 1 clear plastic washer

Richelieu Section 12B



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Standoffs

Bases and Caps

Richelieu Section 12B

UV Standoff Adaptor Plates

Threaded UV adapters allow you to install products - such as knobs, towel bars and handles on glass-door cabinets, glass panels, shower panels and signage - without having to drill holes. Quickly and easily mount hardware in existing installations and new construction. They fit standard 2" diameter standoff bases with 3/8"-16 thread size. Once fully tightened, the adapter is flat against other product's base. Thickness 1/16".

PRODUCT	FINISH	MATERIAL	THREADED	Ø		QTY/ BOX
				in	mm	
UVUV114ADP	Stainless Steel	Stainless (Steel 316)	5/16" - 18	1-1/4	32	1
UVUV2ADP	Stainless Steel	Stainless (Steel 316)	3/8" - 16	2	50	1



Slot Mount Standoff Posts for 3/8" Material

Ideal for signage, displays, partition, shelves and presentation.

PRODUCT	FINISH	MATERIAL	Ø		SAFETY GLASS THICKNESS		QTY/ BOX
			in	mm	in	mm	
GMSOSM14CH	Chrome	Solid Brass	1-1/4	32	1/4	6	1
GMSOSM38CH	Chrome	Solid Brass	1-1/4	32	3/8	10	1
GMSOSM12CH	Chrome	Solid Brass	1-1/4	32	1/2	12	1
GMSOSM14SC	Satin Chrome	Solid Brass	1-1/4	32	1/4	6	1
GMSOSM38SC	Satin Chrome	Solid Brass	1-1/4	32	3/8	10	1
GMSOSM12SC	Satin Chrome	Solid Brass	1-1/4	32	1/2	12	1
GMSOSM14BS	Stainless Steel	Stainless Steel (170)	1-1/4	32	1/4	6	1
GMSOSM38BS	Stainless Steel	Stainless Steel (170)	1-1/4	32	3/8	10	1
GMSOSM12BS	Stainless Steel	Stainless Steel (170)	1-1/4	32	1/2	12	1



Included Product(s):

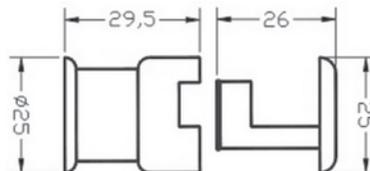
Nylon screws maintain the glass or panel in position

Single or Multi-Panel Display Posts

The special edge grip firmly holds single or multi-panel signs.

Comes with 2 plastic washers. Wall anchors and screws not included.

PRODUCT	FINISH	LENGTH		Ø		SAFETY GLASS THICKNESS		QTY/ BOX
		in	mm	in	mm	in	mm	
GMSO3125	Chrome	1	25	1	25	3/16 to 1/4	4 to 6	1
GMSO3125BN	Brushed Nickel	1	25	1	25	3/16 to 1/4	4 to 6	1

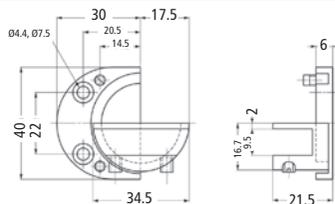


| Glass Hardware | Hinges

Shelf Support for 1/4"

Shelf supports provide a quick and simple way to mount shelves.

- Attached set screw locks shelf in place
- Equipped with bushing for use with swinging glass doors
- Drill a 3/16" – 5 mm diameter hole when using for shelving
- Drill a 3/8" – 9 mm diameter hole when using the bushing
- Glass Thickness: 1/4" – 6 mm

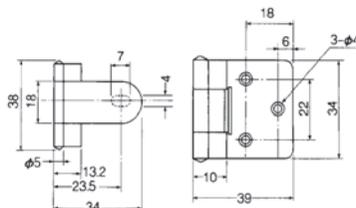


PRODUCT	FINISH	Ø		LOAD CAPACITY		QTY/BOX
		in	mm	lb	kg	
75040170	Satin Nickel	3/16	5	8.8	4	1

Half Overlay Glass Door Hinges – Surface Mounted

- Glass Thickness: 5/32" to 1/4" – 4 to 6 mm

PRODUCT	FINISH	HEIGHT		WIDTH		CAPACITY		QTY/BOX
		in	mm	in	mm	lb	kg	
BP75348170	Stainless Steel	27-1/2	700	17-3/4	450	4.85	2.2	1
75348140	Chrome	27-1/2	700	17-3/4	450	4.85	2.2	50



Single Swivel Hinge for 3/16" – 5 mm Glass

PRODUCT	FINISH	QTY/BOX
93106140	Chrome	1

Connectors for 3/16" – 5 mm Glass

- Glass Thickness: 3/16" – 5 mm

PRODUCT	FINISH	SIDES	QTY/BOX
93100140	Chrome	2	1
93101140	Chrome	3	1
93102140	Chrome	4	1



Richelieu Section 12C



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

I Glass Hardware I

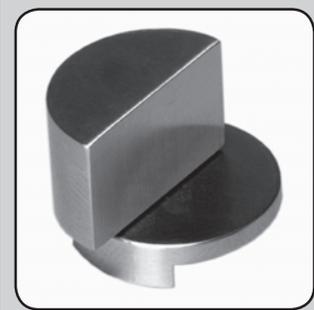
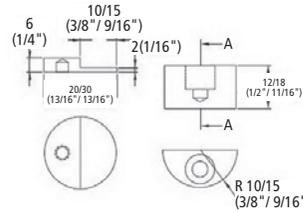
Hinges

Richelieu Section 12C

Swivel Hinge for Cabinet Glass Door

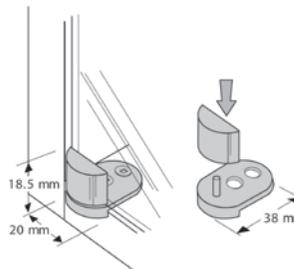
- Glass Thickness: 1/2" – 12 mm

PRODUCT	FINISH	HEIGHT		WIDTH		CAPACITY		QTY/ BOX
		in	mm	in	mm	lb	kg	
D032009	Stainless Steel	25/32	20	25/32	20	22	10	2



Flush Mount Glass Swing Hinges

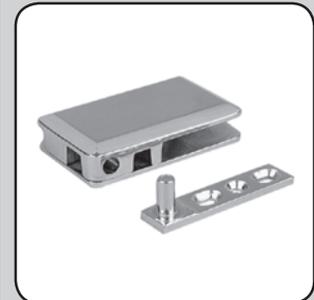
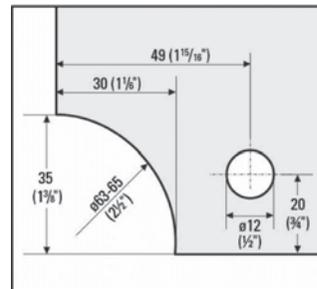
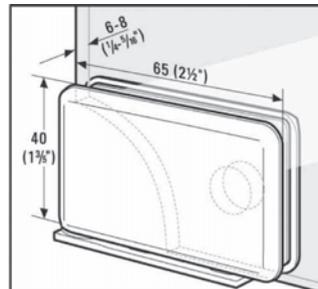
PRODUCT	FINISH	HEIGHT		WIDTH		CAPACITY		QTY/ BOX
		in	mm	in	mm	lb	kg	
D032025	Stainless Steel	25/32	20	25/32	20	22	10	2
D032026	Stainless Steel	15/16	24	1-3/16	30	44	20	2



Flush Mount Glass Door Hinges

- Glass Thickness: 5/8" – 6 to 8 mm

PRODUCT	FINISH	HEIGHT		WIDTH		CAPACITY		QTY/ BOX
		in	mm	in	mm	lb	kg	
D032032	Chrome	1-9/16	40	2-9/16	65	35	16	2
D032033	Chrome	1-21/32	42	2-29/32	74	55	25	2

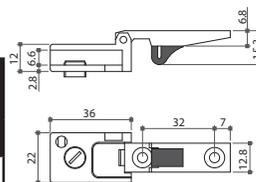


Hinge

Glass door hinge with plastic lock, plastic screw, and PVC tip. For inset doors.

- Glass Thickness: 5/32 to 13/32" – 4 to 6 mm

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		LOAD CAPACITY		QTY/ BOX
		in	mm	in	mm	in	mm	lb	kg	
2182145	Chrome	7/8	22	1-1/4	32	1-13/32	36	11	5	2



CCRM 2018

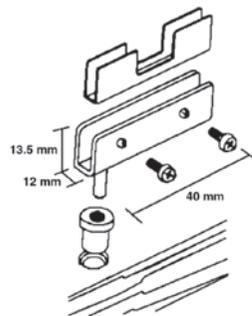
| Glass Hardware |

Hinges

Glass Door Hinges Series 2001

Metal screw and self-adhesive plate.

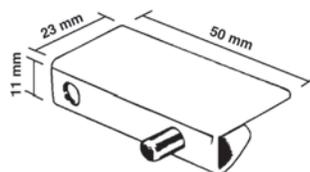
PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		LOAD CAPACITY		QTY/BOX
		in	mm	in	mm	in	mm	lb	kg	
BP200190	Black	17/32	13	15/32	12	1-9/16	40	5.5	2.5	2
2001140	Chrome	17/32	13	15/32	12	1-9/16	40	5.5	2.5	100
BP2001140	Chrome	17/32	13	15/32	12	1-9/16	40	5.5	2.5	2



Glass Door Hinges Series 2172

Series 2172 includes plastic screws, self-adhesive plate, and stop notch.

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		QTY/BOX
		in	mm	in	mm	in	mm	
BP217290	Black	29/32	23	7/16	11	1-31/32	50	2
217290	Black	29/32	23	7/16	11	1-31/32	50	100
BP2172140	Chrome	29/32	23	7/16	11	1-31/32	50	2
2172140	Chrome	29/32	23	7/16	11	1-31/32	50	100



Richelieu Section 12C



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

| Glass Hardware | Hinges

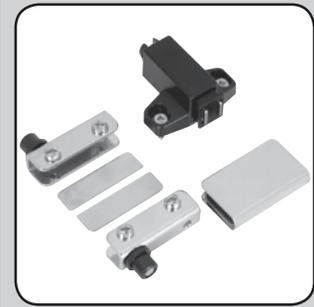
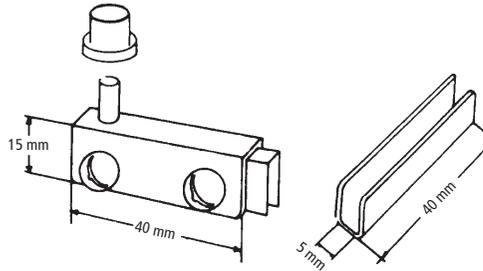
Richelieu Section 12C

Glass Door Hinge Kit

Glass door hinge kit including two 2001-series pivot hinges, one 5002-series latch plate, and one 5096-90 magnetic push latch (black).

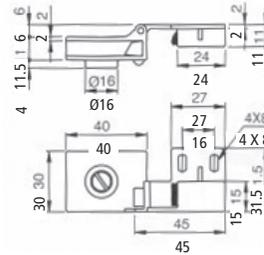
Sold by unit

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		LOAD CAPACITY		QTY/ BOX
		in	mm	in	mm	in	mm	lb	kg	
BP86140	Chrome	15/16	24	3/8	9	1-9/16	40	5.5	2.5	10
BP8630	White	15/16	24	3/8	9	1-9/16	40	5.5	2.5	10
BP8690	Black	15/16	24	3/8	9	1-9/16	40	5.5	2.5	10
BP86130	Brass	15/16	24	3/8	9	1-9/16	40	5.5	2.5	10



Glass Door Hinge – Inset

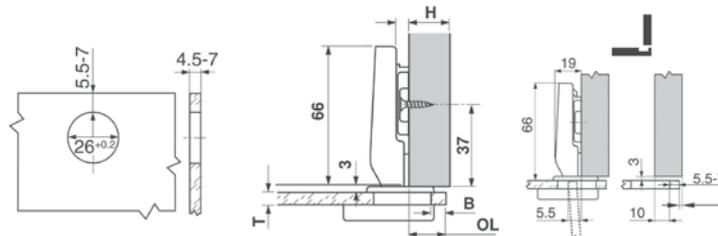
PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		LOAD CAPACITY		QTY/BOX
		in	mm	in	mm	in	mm	lb	kg	
2183180	Nickel	1-3/16	30	1-9/16	40	1-25/32	45	16.5	7.5	2



94° Screw-On Glass Door Hinge – Overlay Door

Clip glass door hinge with 94° opening angle. Overlay door. Screw-on plastic case, self-closing. Adjustable in 3 dimensions. Straight Arm. For door thickness 4.5 to 7 mm.

PRODUCT	FINISH	QTY/BOX
75M41090	Black	1



CCRM 2018

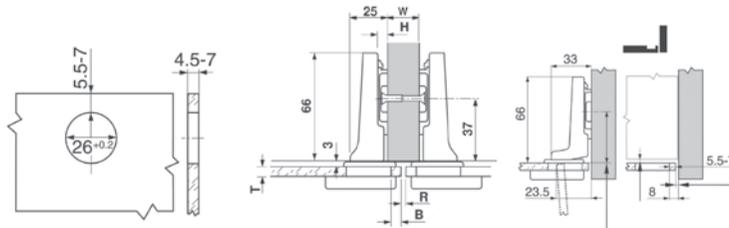
| Glass Hardware |

Hinges

94° Screw-On Glass Door Hinge – Inset Door

Clip glass door hinge with 94° opening angle. Inset door. Screw-on plastic case, self-closing. Adjustable in 3 dimensions. Full-Cranked Arm. For door thickness 4.5 to 7 mm.

PRODUCT	FINISH	QTY/BOX
75M43090	Black	1



D-Shape Plastic Cover Caps for Glass Door

PRODUCT	FINISH	HEIGHT		WIDTH		QTY/BOX
		in	mm	in	mm	
844120130	Brass	1-5/8	41	1-7/32	31	1
844120140	Chrome	1-5/8	41	1-7/32	31	1

Round Plastic Cover Caps for Glass Door

PRODUCT	FINISH	Ø		QTY/BOX
		in	mm	
844140130	Brass	1-7/32	31	1
844140140	Chrome	1-7/32	31	1
84414090	Black	1-7/32	31	1

Richelieu Section 12C



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

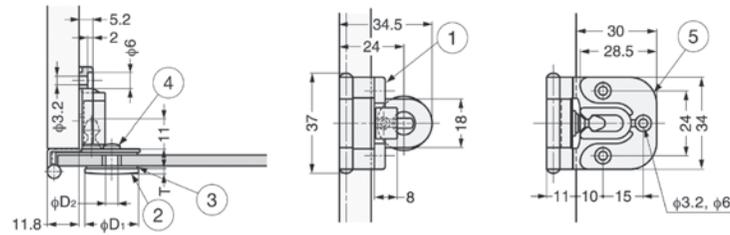
I Glass Hardware I

Hinges

Richelieu Section 12C

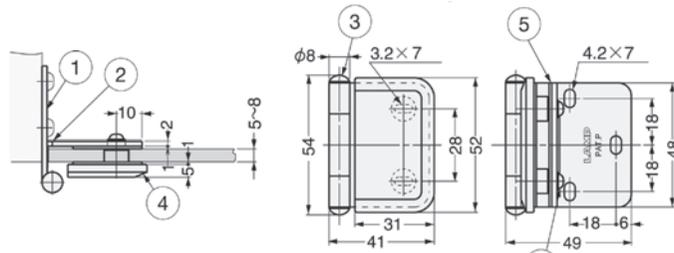
Glass Door Hinge

PRODUCT	FINISH	APPLICATION TYPE	QTY/BOX
75349140	Chrome	Twin Overlay Doors	1



Inset Glass Door Hinges

PRODUCT	FINISH	APPLICATION TYPE	QTY/BOX
75480170	Stainless Steel	Inset Door	2
75488170	Stainless Steel	Twin Overlay Doors	2

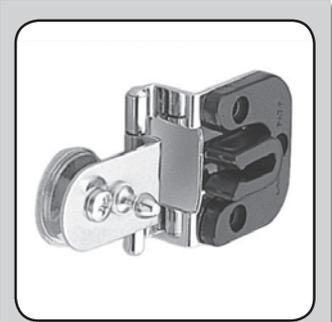
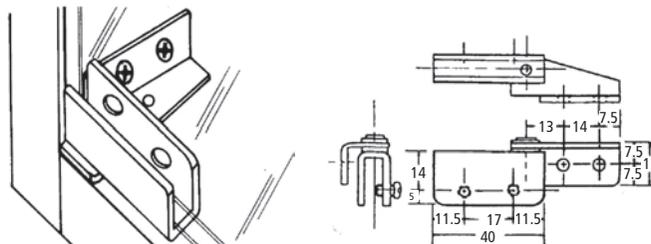


Inset Glass Cabinet Hinges

Inset, free-swinging hinge for glass cabinet door. Sold as a pair.

Included Product(s): Complete with two hinges, screws, and pressure plates.

PRODUCT	FINISH	QTY/BOX
HIN651226	Chrome	2
HIN65123	Brass	2



| Glass Hardware |

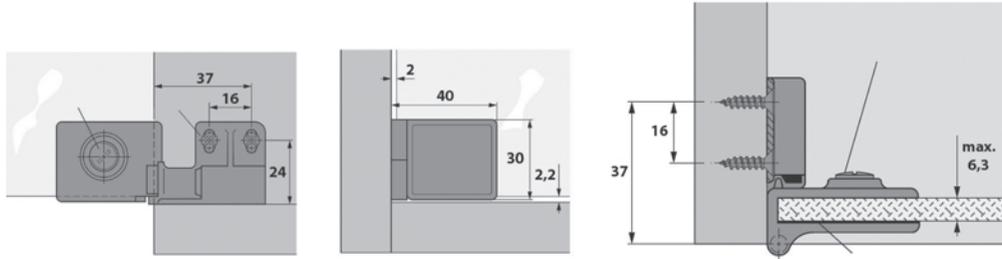
Hinges

Glass Cabinet Hinges – Inset/Snap Close

Glass door cabinet hinge with a built-in snap that keeps the door closed when shut and requires a handle or pull to open. Finished in a pebbled-grain style. Sold as a pair.

Included Product(s): Complete with two hinges and mounting screws.

PRODUCT	FINISH	QTY/BOX
HIN652126	Chrome	2
HIN65213	Brass	2

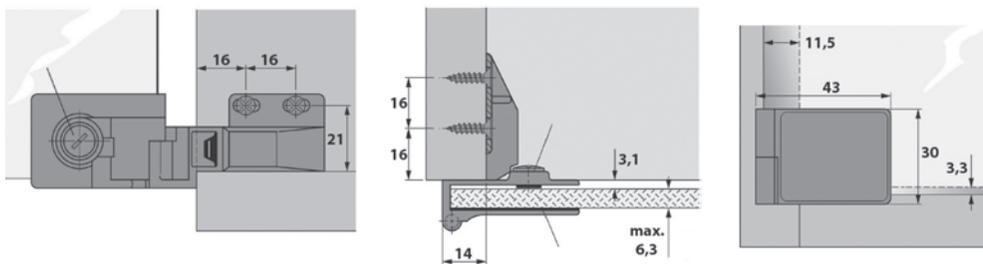


Glass Cabinet Hinges – Overlay/Snap Close

Glass cabinet door hinge with a built-in snap that keeps the door closed when shut and requires a handle/pull to open. Hinge overlays the cabinet frame 5/8" – 5 to 8 mm on the side, and 3/16" – 5 mm on the top and bottom. Finished in a pebbled-grain style. Sold as a pair.

Included Product(s): Complete with two hinges and mounting screws.

PRODUCT	FINISH	QTY/BOX
HIN654026	Chrome	2
HIN65403	Brass	2



Richelieu Section 12C



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12C7

I Glass Hardware I

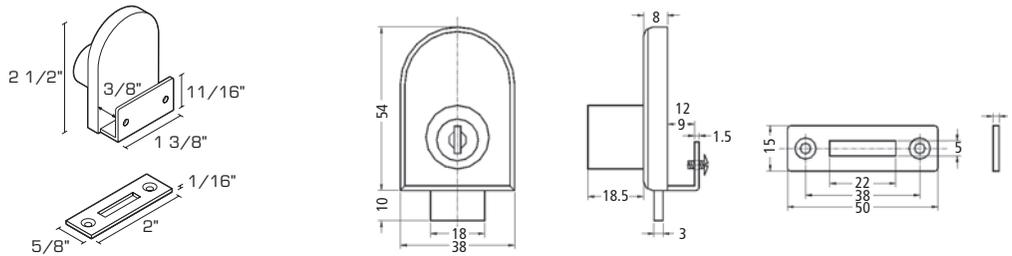
Locks and Latches

No-Drill Glass Door Locks

Identical keys (keyed alike) #110.

- Glass Thickness: 3/16" to 1/4" – 5 to 6 mm

PRODUCT	FINISH	HEIGHT		QTY/BOX
		in	mm	
BP640851130	Gold	2-1/8	54	1
BP640851140	Chrome	2-1/8	54	1
BP64085190	Black	2-1/8	54	1



Single Glass Locks

Identical keys (K.A.) #110.

- Glass Thickness: 3/16" to 9/32" – 5 to 7 mm

PRODUCT	FINISH	HAND	DRILLING Ø		QTY/BOX
			in	mm	
BP64101130	Brass	Left	25/32	20	1
BP64101140	Chrome	Left	25/32	20	1
BP641112130	Brass	Right	25/32	20	1
BP641112140	Chrome	Right	25/32	20	1



Richelieu Section 12D



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

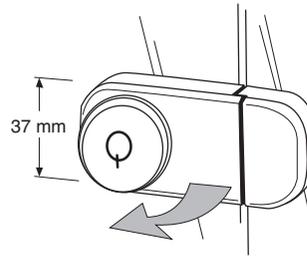
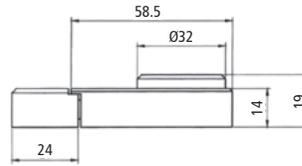
20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

Locks and Latches

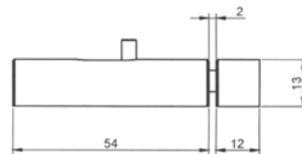
Double Glass Door Lock with Universal Key

PRODUCT	FINISH	LENGTH		HEIGHT		QTY/BOX
		in	mm	in	mm	
D032017	Stainless Steel	2-5/16	58	1-15/32	37	1



Bolt Lock Mechanism

PRODUCT	FINISH	LENGTH		HEIGHT		QTY/BOX
		in	mm	in	mm	
D032018	Stainless Steel	2-1/2	63	1/2	12	1

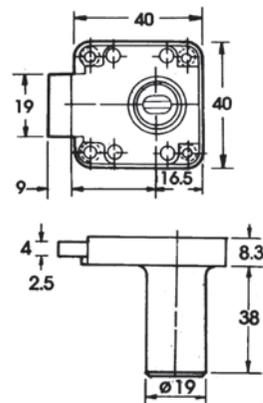


Deluxe Swinging Glass Door Lock

Deluxe lock designed for glass doors (up to 5/16" – 8 mm thick) that swing/pivot on hinges. To lock, turn the key which turns the cam down into the strikeplate (located on inside floor of cabinet). The cylinder features finger indents that can be used as a pull handle. Material: Zinc Die Cast.

Included Product(s): Two keys and a strikeplate.

PRODUCT	FINISH	QTY/BOX
LOC504083	Brass	1



Richelieu Section 12D



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

| Glass Hardware |

Mirror Supplies

90° Quarter-Dome Mirror

Made of moulded acrylic film 0.125" – 3 mm thick for superior durability. Designed for two-way intersections. Can be mounted on wall or ceiling to provide a 90° field of vision.

- Virtually unbreakable and very light
- Projects a clear image that doesn't fade over time
- Richelieu mirrors are pre-perforated for easy and fast installation

PRODUCT	Ø		QTY/BOX
	in	cm	
0901811	18	45.8	1

180° Half-Dome Mirror

Made of moulded acrylic film 0.125" – 3 mm thick for superior durability. Designed for three-way intersections. Can be mounted on wall or ceiling to provide a 180° view.

- Virtually unbreakable and very light
- Projects a clear image that doesn't fade over time
- Richelieu mirrors are pre-perforated for easy and fast installation

PRODUCT	Ø		QTY/BOX
	in	cm	
1801811	18	45.8	1
1802411	24	61	1
1804811	48	122	1

360° Hemispheric Mirror

Made of moulded acrylic film 0.125" – 3 mm thick for superior durability. Can be mounted on or suspended from ceiling to provide a 360° view. Mounting kit for elevated ceilings not included.

- Virtually unbreakable and very light
- Projects a clear image that doesn't fade over time
- Richelieu's mirrors are pre-perforated for easy and fast installation
- Provides a view from many angles, covering unguarded sections that cannot be closely observed
- Curvature specifically designed to maximize peripheral vision

PRODUCT	Ø		QTY/BOX
	in	cm	
3602411	24	61	1
3604811	48	122	1

Polished Stainless Steel Mirror

Unbreakable stainless steel surface.

Included Product(s):

- Anti-theft screws

PRODUCT	MATERIAL	HEIGHT		WIDTH		QTY/BOX
		in	cm	in	cm	
133001824	Non-Tempered Glass	24	61	18	45.7	1

Richelieu Section 12E



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12E1

I Glass Hardware I

Mirror Supplies

Richelieu Section 12E

Anti-Theft Mirror

Mirror 3/16" (5 mm) thick. Welded 5/8" x 5/8" (16 mm x 16 mm) stainless steel frame. Welded and polished seams.

PRODUCT	MATERIAL	HEIGHT		WIDTH		QTY/BOX
		in	cm	in	cm	
1320012436	Tempered Glass	36	91.4	24	61	1
1320001824	Non-Tempered Glass	24	61	18	45.7	1
1320002436	Non-Tempered Glass	36	91.4	24	61	1

Inclined Anti-Theft Mirror

25° incline. Mirror 3/16" (5 mm) thick. Welded 5/8" x 5/8" (16 mm x 16 mm) stainless steel frame. Welded and polished seams.

PRODUCT	MATERIAL	HEIGHT		WIDTH		QTY/BOX
		in	cm	in	cm	
13200201630	Non-Tempered Glass	30	76.2	16	40.6	1

Anti-Theft Mirror

Mirror 3/16" (5 mm) thick. Chrome-plated frame. Folded seams. Vertical or horizontal installation.

PRODUCT	MATERIAL	HEIGHT		WIDTH		QTY/BOX
		in	cm	in	cm	
185001824	Non-Tempered Glass	18	45.7	24	61	1
185011824	Tempered Glass	18	45.7	24	61	1

Indoor/Outdoor Convex Mirror

Made of acrylic for indoor or outdoor use. Provides a wide viewing angle from the ceiling. Designed for industrial, retail, or institutional use.

PRODUCT	Ø		QTY/BOX
	in	cm	
D010086	12	30.5	1
D010087	18	45.7	1
D010091	24	61	1
D010088	26	66	1
D010089	30	76.2	1
D010090	36	91.4	1



| Glass Hardware | Mirror Supplies

Stainless Steel Shelf

Stainless steel shelf for mounting under mirror. Gives a contemporary designer look to mirrors of the same size.

PRODUCT	WIDTH		HEIGHT		DEPTH		QTY/BOX
	in	cm	in	cm	in	cm	
185518170	18	45.7	2-1/2	6.3	5	12.7	1

L-Shaped Finishing Moldings

Finishing molding for mirrors.

- Interior Measurement: 5/8" – 16 mm

Sold by length of 12 linear foot

PRODUCT	FINISH	THICKNESS		HEIGHT		WIDTH	
		in	mm	in	mm	in	mm
010048170	Stainless Steel (170)	1/16	1	1/4	6	5/8	15
D010048	Gold (130)	1/16	1	1/4	6	5/8	15
D010049 *	Chrome (140)	1/16	1	1/4	6	5/8	15
D010050	Chrome (140)	1/16	1	1/4	6	5/8	15
D01005010	Satin (10)	1/16	1	1/4	6	5/8	15

*Sold by length of 8 linear foot

J-Shaped Bottom Finishing Moldings

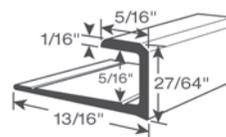
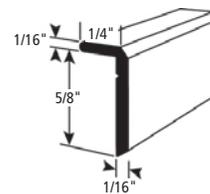
For mirrors.

- Interior Measurement: 5/16" – 8 mm
- Front Facing Height: 5/16" – 8 mm

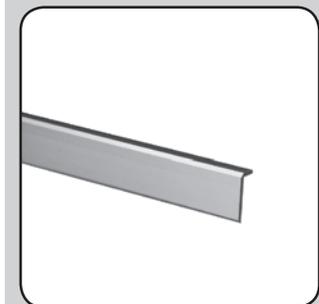
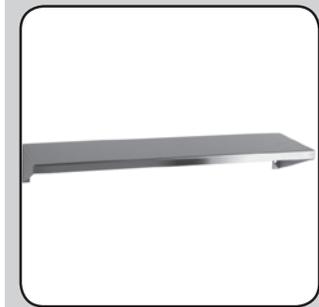
Sold by length of 12 linear foot

PRODUCT	FINISH	THICKNESS		HEIGHT		WIDTH	
		in	mm	in	mm	in	mm
010033170	Stainless Steel (170)	1/16	1	13/16	21	7/16	11
D010032 *	Chrome (140)	1/16	1	13/16	21	7/16	11
D010033	Chrome (140)	1/16	1	13/16	21	7/16	11
D01003310	Satin (10)	1/16	1	13/16	21	7/16	11
D010029	Bronze (164)	1/16	1	13/16	21	7/16	11
D010027	Black (90)	1/16	1	13/16	21	7/16	11

*Sold by length of 8 linear foot



Richelieu Section 12E



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12E3

I Glass Hardware I

Mirror Supplies

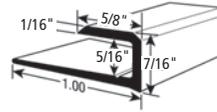
Richelieu Section 12E

J-Shaped Top Finishing Moldings

For mirrors.

- Interior Measurement: 5/16" – 8 mm
- Front Facing Height: 5/16" – 8 mm

Sold by length of 12 linear foot



PRODUCT	FINISH	THICKNESS		HEIGHT		WIDTH	
		in	mm	in	mm	in	mm
010041170	Stainless Steel (170)	1/16	1	1	25	7/16	11
D010040 *	Chrome (140)	1/16	1	1	25	7/16	11
D010039	Gold (130)	1/16	1	1	25	7/16	11
D010041	Chrome (140)	1/16	1	1	25	7/16	11
D01004110	Satin (10)	1/16	1	1	25	7/16	11
D010035	Black (90)	1/16	1	1	25	7/16	11

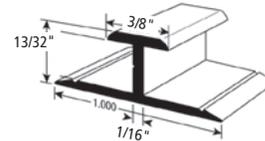
*Sold by length of 8 linear foot

H-Finishing Moldings

Easy-to-install, 180° finishing molding for joining two pieces.

- Interior Measurement: 9/32" – 7 mm
- Material: Anodized Aluminum

Sold by length of 12 linear foot



PRODUCT	FINISH	THICKNESS		HEIGHT		WIDTH		FRONT FACING HEIGHT	
		in	mm	in	mm	in	mm	in	mm
D010026 *	Chrome (140)	1/16	1	13/32	10	1	25	3/8	9
MRB850P	Chrome (140)	1/16	1	1/2	13	1-1/4	31	1/2	12

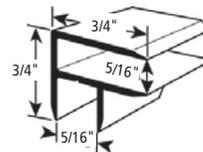
*Sold by length of 8 linear foot

90° Corner Finishing Molding

For mirrors.

- Interior Measurement: 21/64" – 8.33 mm
- Front Facing Height: 3/4" – 19 mm

Sold by length of 12 linear foot



PRODUCT	FINISH	THICKNESS		HEIGHT		WIDTH	
		in	mm	in	mm	in	mm
D051401210	Satin (10)	1/16	1	3/4	19	3/4	19

CCRM 2018

| Glass Hardware | Mirror Supplies

Metal Mirror Clips

PRODUCT	LENGTH		WIDTH		QTY/BOX
	in	mm	in	mm	
318143	1-1/4	31	9/16	14	1
SHO605	1-1/4	31	9/16	14	1
SHO608	1-1/4	31	9/16	14	1

Zinc Mirror Clips

PRODUCT	DIMENSIONS		QTY/BOX
	in	mm	
6203162G	3/16	5	1000
CP620142G	1/4	6	100

Plastic Mirror Retainers

PRODUCT	FINISH	THICKNESS		LENGTH		WIDTH		QTY/BOX
		in	mm	in	mm	in	mm	
BP10411	Clear	5/32	4	1-1/16	27	15/32	12	8
CP10411	Clear	5/32	4	1-1/16	27	15/32	12	100
MP10411	Clear	5/32	4	1-1/16	27	15/32	12	1000

Metal Glass Support

PRODUCT	FINISH	THICKNESS		WIDTH		QTY/BOX
		in	mm	in	mm	
CP58510M41	Antique Copper	9/32	7	5/8 – 1-3/32	28	100

Richelieu Section 12E

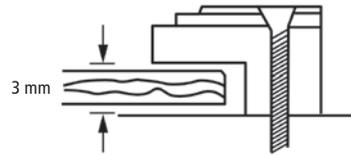


- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

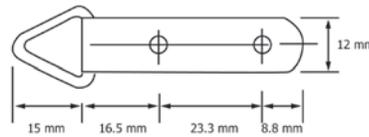
Plastic Mirror Supports

PRODUCT	FINISH	DIMENSIONS		QTY/BOX
		in	mm	
CP5852111	Clear	1/8	3	100
CP5852211	Clear	1/4	6	100
CP5852311	Clear	3/16	4	100
MP5852111	Clear	1/8	3	1000
MP5852211	Clear	1/4	6	1000
MP5852311	Clear	3/16	4	1000



Picture Hook

PRODUCT	LENGTH		WIDTH		QTY/BOX
	in	mm	in	mm	
CP58540M41	1-29/32	48	15/32	12	100



| Glass Hardware |

Specialized Glazier Hardware

Spring-Activated Sash Lock

This glass edge coating provides great protection for the glass while securing it into the moulding. U-gasket for 1/8" – 3 mm glass.

PRODUCT	FINISH	QTY/BOX
CON70453	Brass	1

Sash Lock

- Vertical and horizontal camming action provides snug fit
- Heavy-gauge spring for long wear

PRODUCT	FINISH	QTY/BOX
07B3	Brass	1

Casement Fasteners

PRODUCT	FINISH	TYPE	QTY/BOX
066MSA3	Satin brass	Mortise and rim strike	1
066SSA3	Satin brass	Surface strike	1

Heavy-Duty Crash Stop with Vinyl Cover

Solid brass attachment plates. Rugged, double compression springs absorb wind shock. Tear resistant. Gives protection from wind damage to full-size exterior wood and metal doors, hinges and glass. Vinyl cover.

PRODUCT	FINISH	QTY/BOX
115B26D	Satin Chrome	1

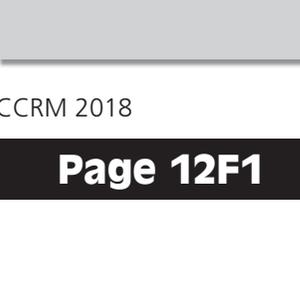
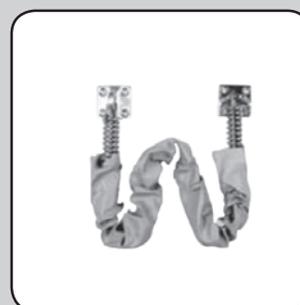
UV Glues

This UV-curing adhesive is translucent but not completely clear. It is medium-viscosity and must therefore be applied to the bonding surface prior to assembling the parts. Glass/metal bonds work especially well this product is ideal for bonding metal hinges to glass doors. Forward speed from 8 to 20 m/min.

Application: Suitable bonding materials: Glass to metal, Glass to glass, Glass to wood, Glass to stone, Tempered glass to tempered glass, Glass to thermoplastics

PRODUCT	SIZE		QTY/BOX
	oz	g	
D030142	3.53	100	1
D030143	0.70	20	1
D030144	8.82	250	1

Richelieu Section 12F



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Page 12F1

Specialized Glazier Hardware

Richelieu Section 12F

Bathroom and Kitchen 100% Silicone Sealant – 10.1 oz – 300 ml

Richelieu® bathroom and kitchen 100% silicone sealant is a medium modulus, single-component, non-fag, acetoxy-cure caulking material. Specifically designed to resist mould and mildew when fully cured. Features excellent resistance to weathering, vibration, moisture, ozone, and extreme temperatures. This sealant may be applied in sub-zero weather without loss of extrusion or physical characteristics, and is effective to -46 °C (-50 °F).

- NSF (National Sanitation Foundation) approved
- Mildew-resistant
- 100% RTV
- Excellent performance in extreme temperatures

Application: Caulking and sealing around bathtubs, shower stalls, bathroom vanities, kitchen counters and sinks. Replacing ceramic tiles and making new gaskets for dishwasher doors

Sold by unit

PRODUCT	FINISH	COLOR ON APPLICATION	DRIED FILM	QTY/BOX
94160011	Clear	Clear	Translucent	12
94160030	White	White	White	12

Painter's Ultra Siliconized Acrylic Latex – 10.1 oz – 300 ml

Richelieu® painter's ultra-siliconized acrylic latex is a moderately priced caulking material with added silicone for superior adhesion and strength.

- An excellent all-purpose sealant for cracks and joints
- Cures to rubbery seal that withstands joint movement of 50%, 18% compression, 18% extension
- Ready to use: No mixing required
- Long-lasting: Life expectancy of cured sealant in place is approximately 20 years
- Paintable within 30 to 60 minutes after application
- Will not sag or run when applied on vertical joints, if applied according to directions
- Non-staining: Resists chemical and solvent damage
- Solvent free: Cleans up with water. Beads may be tooled with soapy water
- Dirt: Resists dirt pick-up once cured

Application: Good adhesion to the full range of construction substrates including wood, concrete, metal, glass, stone, brick, stucco and marble. This sealant is also recommended for sealing interior joints between walls and panels, around door frames and baseboards, and joints between bathroom fixtures and walls.

Sold by unit

PRODUCT	FINISH	DRIED FILM	QTY/BOX
94150111	Clear	Translucent	12
94150130	White	White	12



| Glass Hardware |

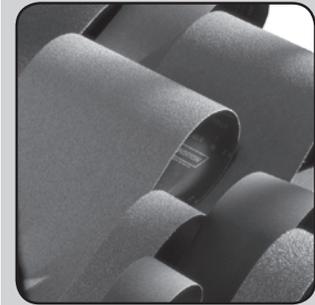
Specialized Glazier Hardware

Glass Sanding Belts

- Backing: Polyester

PRODUCT	WIDTH		LENGTH		GRIT	QTY/BOX
	in	mm	in	mm		
1300321060	3	76	21	533	60	1
1300321080	3	76	21	533	80	1
1300321100	3	76	21	533	100	1
1300321120	3	76	21	533	120	1
1300321180	3	76	21	533	180	1
1300321220	3	76	21	533	220	1
1300321400	3	76	21	533	400	1
1300321800	3	76	21	533	800	1
1300424060	4	101	24	609	60	1
1300424080	4	101	24	609	80	1
1300424100	4	101	24	609	100	1
1300424120	4	101	24	609	120	1
1300424150	4	101	24	609	150	1
1300424180	4	101	24	609	180	1
1300424220	4	101	24	609	220	1
1300424320	4	101	24	609	320	1
1300424400	4	101	24	609	400	1
1300424800	4	101	24	609	800	1
1304106060	4	101	106	2692	60	1

Richelieu Section 12F



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

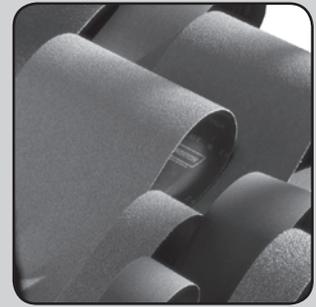
21
BUILDERS
HARDWARE

| Glass Hardware |
Specialized Glazier Hardware

**Richelieu
Section 12F**

Glass Sanding Belts

PRODUCT	WIDTH		LENGTH		GRIT	QTY/BOX
	in	mm	in	mm		
1304106080	4	101	106	2692	80	1
1304106100	4	101	106	2692	100	1
1304106120	4	101	106	2692	120	1
1304106180	4	101	106	2692	180	1
1304106220	4	101	106	2692	220	1
1304106320	4	101	106	2692	320	1
1304106800	4	101	106	2692	800	1
1311821060	1-1/8	28	21	533	60	1
1311821080	1-1/8	28	21	533	80	1
1311821100	1-1/8	28	21	533	100	1
1311821120	1-1/8	28	21	533	120	1
1311821150	1-1/8	28	21	533	150	1
1311821180	1-1/8	28	21	533	180	1
1311821220	1-1/8	28	21	533	220	1
1311821400	1-1/8	28	21	533	400	1
1311821500	1-1/8	28	21	533	500	1
1311821600	1-1/8	28	21	533	600	1
1311821800	1-1/8	28	21	533	800	1



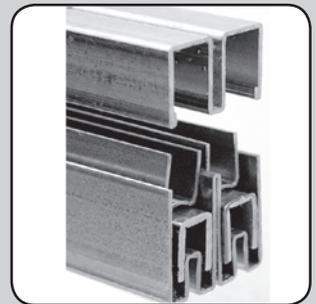
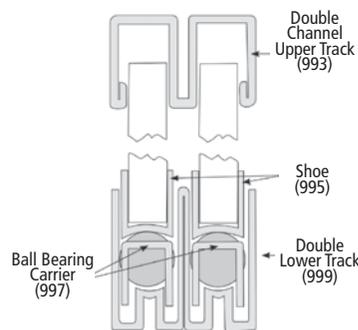
Sliding System for Showcase

Roll-Ezy Ball Bearing Track

Provides smooth, ball bearing track system for sliding 1/4" – 6 mm glass doors to move back and forth with ease.

- Installs quickly and easily with nails or glue
- Allows heavy doors to slide easily
- Can be mounted on surface or recessed
- Ball bearing carrier has free-rolling balls on 3" (76 mm) centers
- Wide divider on upper channel maintains door position
- Components can be easily cut to fit any opening up to 12 feet – 3.66 m
- Available in prepackaged assemblies (P992) for 36" (0.9 m), 48" (1.2 m), 60" (1.5 m) and 72" (1.8 m) openings
- Glass to Use: 1/4" – 6 mm

Application: Ideal for larger glass door installations used in retail display cases, trophy cases, locking visible storage units, and more.



PRODUCT	TRACK LENGTH		QTY/BOX
	ft	m	
992ZC36	3	0.91	1
992ZC48	4	1.22	1
992ZC60	5	1.52	1
992ZC72	6	1.83	1

CCRM 2018

Specialized Glazier Hardware

Sliding System for Showcase

Hardware Set for Showcase Display

This set includes one each of BP157 – Metal Ball Bearing Roller with Silent Nylon Wheel, BP68681140 – Push Lock for Sliding Glass Door, BP12911 – Silencers, 125 – Glass Gasket, and BP148140 – End Cap for Sliding Door. For 6 mm glass door.

PRODUCT	QTY/BOX
BP15510	Set

Track Sets for Glass Sliding Door Display

Extruded aluminum track set for mounting a display with glass sliding doors. Set includes: 1 length of #145, 1 length of #146, and 1 length of #149.

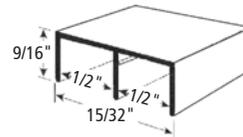
PRODUCT	FINISH	TRACK LENGTH		QTY/BOX
		ft	m	
1551210	Satin Aluminum	12	3.66	Set
1550610	Satin Aluminum	6	1.83	Length

Double U Moldings

This double U molding serves as a guide at the top of a display case. It also prevents theft from the bottom when combined with product 1501210 – Single Bottom Track.

Sold by length

PRODUCT	FINISH	THICKNESS		HEIGHT		WIDTH		LENGTH	
		in	mm	in	mm	in	mm	ft	m
1451210	Satin Aluminum	1/16	2	9/16	14	1-5/32	29	12	3.66
145610	Satin Aluminum	1/16	2	9/16	14	1-5/32	29	6	1.83



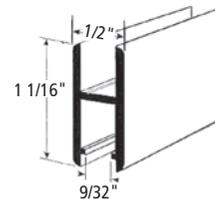
Bottom Tracks Series 146

Lower track for glass showcase.

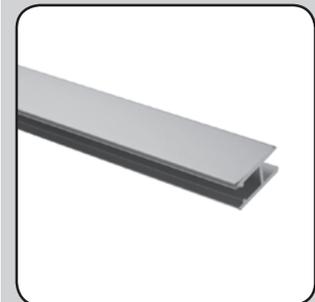
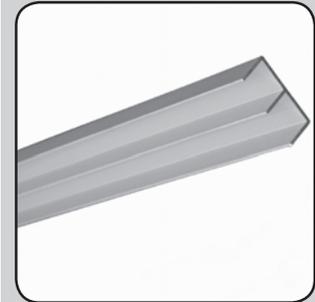
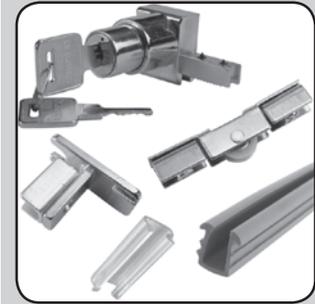
Sold by length

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH	
		in	mm	in	mm	ft	m
146610	Satin Aluminum	1-1/16	27	1/2	13	6	1.83
1461210	Satin Aluminum	1-1/16	27	1/2	13	12	3.66

Required the following products



Richelieu Section 12F



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

Specialized Glazier Hardware

Sliding System for Showcase

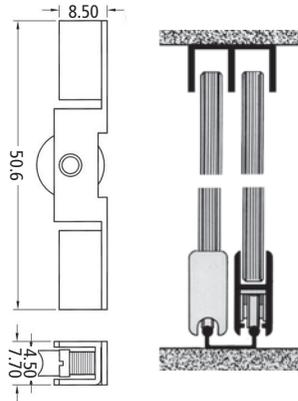
Richelieu Section 12F

Nylon Wheels 147 for Showcase Track Series 146

Heavy-duty ball-bearing roller for frequently used doors. For heavy doors.

PRODUCT	CAPACITY		QTY/BOX
	lb	kg	
BP147	30	14	4
CP147	30	14	100
BP157	50	23	4
CP157	50	23	100
BP137	70	32	4

Required Product(s): TRA110012 – 146210 – 146610

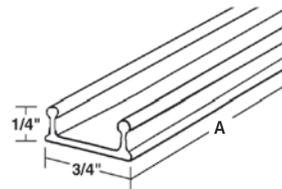


Bottom Rails

Molding for use as bottom rail. Can accommodate 2 sliding panels.

Sold by length

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH (A)	
		in	mm	in	mm	ft	m
1491210	Satin Aluminum	1/4	7	3/4	5	12	3.66
149610	Satin Aluminum	1/4	7	3/4	5	6	1.83

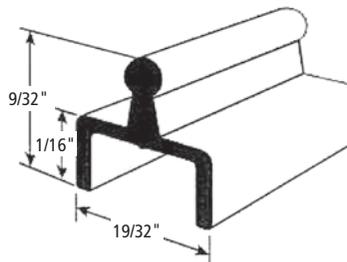


Single Bottom Track

Molding for use as bottom track. Can help prevent theft.

Sold by length

PRODUCT	THICKNESS		HEIGHT		WIDTH		LENGTH	
	in	mm	in	mm	in	mm	ft	m
1501210	1/16	2	9/32	7	19/32	5	12	3.66



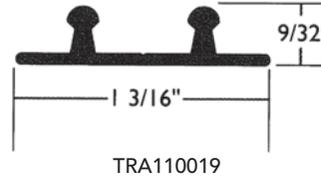
Specialized Glazier Hardware Sliding System for Showcase

Double Tracks for 1/4" (6.4 mm) Glass Sliding Door

For glass or plexiglass doors. Corrosion-free aluminum is ideal for lightweight doors, especially in mildly corrosive environments where track assembly may be exposed to weathering.

Sold by length

PRODUCT	HEIGHT		WIDTH		LENGTH	
	in	mm	in	mm	ft	m
TRA110019	9/32	7	1-3/16	30	1	0.30
TRA110078	1/2	13	1-3/16	30	1	0.30
TRA110079	25	1	7/16	11	1	0.30

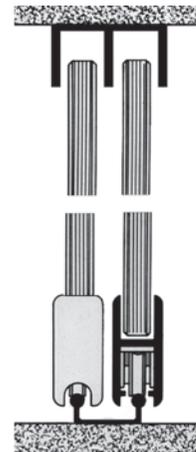
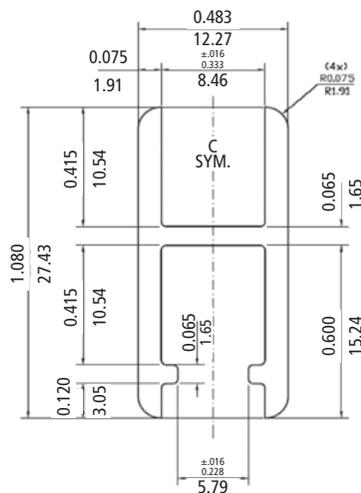


Shoe for Aluminum Channel

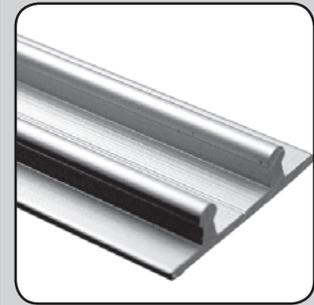
For glass or plexiglass doors. Corrosion-free aluminum is ideal for lightweight doors, especially in mildly corrosive environments where track assembly may be exposed to weathering.

Sold by length

PRODUCT	THICKNESS		WIDTH		LENGTH	
	in	mm	in	mm	ft	m
TRA110012	1	25	7/16	11	12	3.66



Richelieu Section 12F



1
SCREWS
AND
FASTENERS

2
FURNITURE
EQUIPMENT

3
HINGES

4
SLIDES

5
CASTERS
AND LEGS

6
KITCHEN
SOLUTIONS

7
CLOSET
SOLUTIONS

8
LIGHTING
SOLUTIONS

9
SINKS
AND
FAUCETS

10
OFFICE

11
SLIDING
DOORS
SYSTEMS

12
GLASS
HARDWARE

13
PANELS
AND
SURFACES

14
EDGE-
BANDING

15
CABINET
DOORS
AND
DRAWERS

16
MOLDINGS,
CORBELS
AND WINE
CELLARS

17
GLUES,
SILICONES,
CAULK AND
INSULATING

18
TOOLS
AND
SECURITY

19
FINISHING
PRODUCTS
AND
ABRASIVES

20
COMMERCIAL
DISPLAY AND
HARDWARE

21
BUILDERS
HARDWARE

CCRM 2018

Specialized Glazier Hardware

Sliding System for Showcase

Richelieu Section 12F

Nylon Caster

PRODUCT	CAPACITY		QTY/BOX
	lb	kg	
1097NYLON	20	9	1

Roller Wheel for Sliding Door

For glass or plexiglass doors. Corrosion-free aluminum wheels are ideal for lightweight doors, especially in mildly corrosive environments where track assembly may be exposed to weathering. Silencing guide reduces noise from wheel when door is slid open or closed.

PRODUCT	CAPACITY		QTY/BOX
	lb	kg	
TRA510001	50	22	1

Nylon Roller

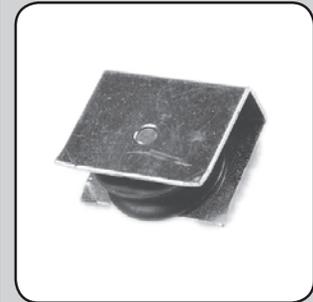
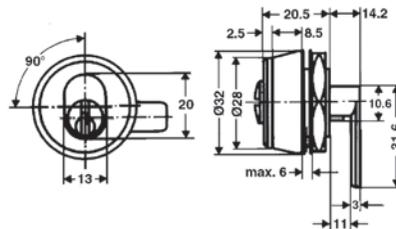
PRODUCT	CAPACITY		QTY/BOX
	lb	kg	
EP00752	80	36	1

Sliding Glass Door Locks

Model 2C brass sliding glass door lock, pin tumbler.
Double function: Push and cam. Material: Solid Brass

- Glass thickness: 1/4" – 6 mm

PRODUCT	FINISH	KEY	Ø		QTY/BOX
			in	mm	
369670195	Matte Nickel	Different	15/16	24	1
369671195	Matte Nickel	Identical #1	15/16	24	1



Specialized Glazier Hardware

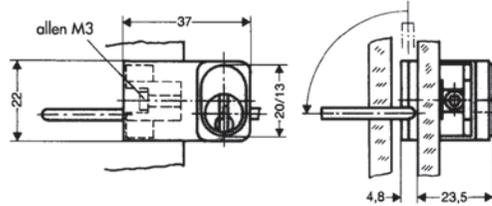
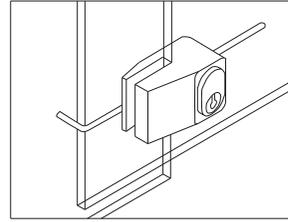
Sliding System for Showcase

Sliding Glass Door Locks

Sliding glass door lock with #1 or #2 identical keys. Pin tumbler.
Material: Solid Brass

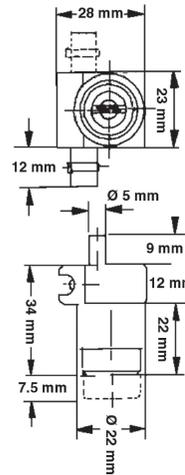
- Glass thickness: 3/16" to 9/32" – 5 mm to 7 mm

PRODUCT	FINISH	LOCK #	QTY/BOX
404031195	Matte Nickel	Identical #1	1
404032195	Matte Nickel	Identical #2	1



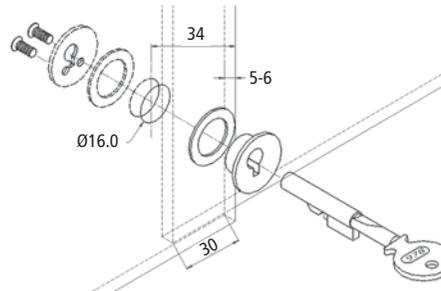
Showcase Locks

PRODUCT	FINISH	KEY	INSTALLATION	QTY/BOX
68104175	Satin Chrome	Identical #4	Reversible	1
BP68680140	Chrome	Different	Left only	1
BP68681140	Chrome	Identical #1	Left only	1
68101175	Satin Chrome	Identical #1	Reversible	1
68102175	Satin Chrome	Identical #2	Reversible	1
68103175	Satin Chrome	Identical #3	Reversible	1
68100175	Satin Chrome	Different	Reversible	1
23211140	Chrome	Different	Left only	1
23211140MK	Chrome	Identical #1	Left only	1

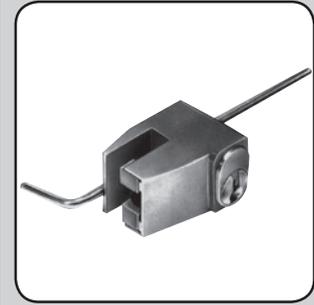


Sliding Door Lock

PRODUCT	FINISH	Ø		QTY/BOX
		in	mm	
BP64091140	Chrome	5/8 to 23/32	16 to 18	1



Richelieu Section 12F



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

Specialized Glazier Hardware

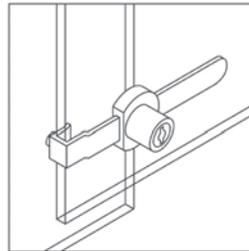
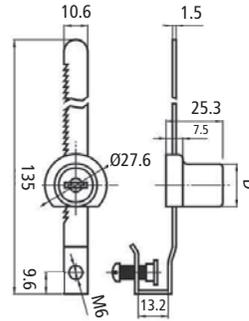
Sliding System for Showcase

Richelieu Section 12F

Sliding Glass Door Lock

- Installation: Reversible
- Two keys included

PRODUCT	FINISH	KEY	QTY/BOX
BP64700140	Chrome	Different	1
BP64701140	Chrome	Identical #1	1
BP140500140	Chrome	Different	1
BP140501140	Chrome	Identical #1	1



Silencers

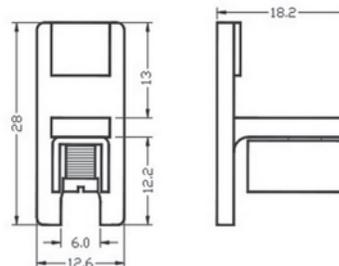
Silencers to prevent friction between glass and track.

PRODUCT	PANEL THICKNESS		QTY/BOX
	in	mm	
BP12911	3/16 to 1/4	5 to 6	20
CP12911	3/16 to 1/4	5 to 6	100
TRA419007	3/16 to 1/4	5 to 6	1
1085VINYL	1	25	1



End Cap for Sliding Door

PRODUCT	QTY/BOX
BP148140	4
CP148140	100



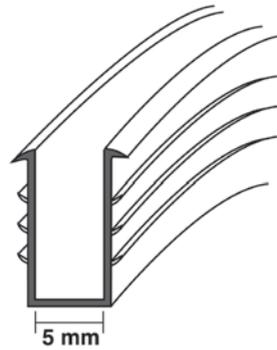
Specialized Glazier Hardware

Sliding System for Showcase

Protective Gaskets for Glass

Gray gasket for showcase sliding glass doors.

PRODUCT	LENGTH		GLASS THICKNESS		QTY/BOX
	ft	m	in	mm	
124	12	3.66	3/16	5	Length
125	12	3.66	1/4	6	Length
D146511	750	229	3/16	5	Length



Threaded Finger Pulls

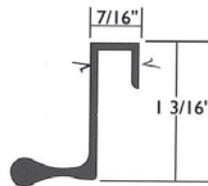
For glass 3/16" to 5/16" – 5 to 8 mm thick.

PRODUCT	FINISH	DRILLING Ø		OVERALL Ø		QTY/BOX
		in	mm	in	mm	
D010127	Satin Chrome	13/16	21	1-1/16	27	1
D010128	Brass	13/16	21	1-1/16	27	1

Edge Pulls

Extruded aluminum edge pull for 1/4" – 6 mm glass or panel doors.

PRODUCT	FINISH	LENGTH		QTY/BOX
		in	mm	
GP15LA	Aluminum	72	1830	1
GP15A	Satin Aluminum (10)	2-3/4	70	1
GP15BL	Black (90)	2-3/4	70	1



Richelieu Section 12F



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

ALUMINUM «ROTON» CONTINUOUS HINGES



As the name implies, continuous hinge extends the full length of the door and frame. Instead of a pin, typical of traditional hinges, it uses two centers to form a rotating joint. Since the two centers roll when they come in contact, lateral wear is minimized. The unique gear profile extends from top to bottom inside a high-strength cover channel. The door weight is supported and cushioned by bearings evenly spaced along the entire length of the interlocking leaves.

Choosing the Correct «ROTON» Hinges

780 SERIES STANDARD DUTY - COMMERCIAL GRADE

All 780 standard duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 5-1/8" centers. A typical 780 series 83" Roton hinge carries the door weight on sixteen bearings. The cover channel, the bearing spacings and screws fastener locations are designed for heavier loads.

780 «HD» SERIES HEAVY DUTY - COMMERCIAL GRADE

All 780 «HD» heavy duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 2-9/16" centers. A typical 780 «HD» series 83" Roton hinge carries the door weight on thirty-two bearings. These hinges are supplied with staggered screw holes to suit heavy-duty applications such as high traffic entrance ways, classroom doors, stairwell doors, etc.

Available Models

CONCEALED LEAF

Leaves are concealed between the rabbet of the frame and the hinge edge of the door.

FULL SURFACE

The frame leaf is mounted to the face of the frame. The door leaf is mounted to the face of the door with bolts.

Process for Choosing the Correct ROTON Models

FREQUENCY DETERMINATION

Many Roton equipped openings have estimated annual usages of over five million cycles per year in large schools, airports, shopping centers and government buildings.

DOOR WEIGHT

Weight as much as frequency plays an important role in hinge performance. Equal consideration should be given to the design of the door itself.

CHECKING THE LOAD

To assist in the selection of an appropriate Roton hinge series, divide the door weight (including the weight of the hardware) by the number of bearings in the Roton hinge under consideration, then use the following guidelines:

- Low frequency INTERIOR doors 20 lb per bearings
- Medium frequency INTERIOR doors 15 lb per bearings

- Medium frequency EXTERIOR doors 10 lb per bearings
- High frequency EXTERIOR doors 7.5 lb per bearings

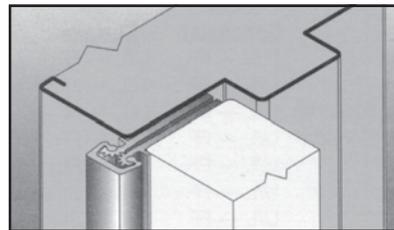
For best performance at very high frequency, 5 lb per bearing will provide maximum life. Low frequency, very heavy doors should not exceed approximately 30 lb per bearing, with double rows of fasteners.

CCRM 2018

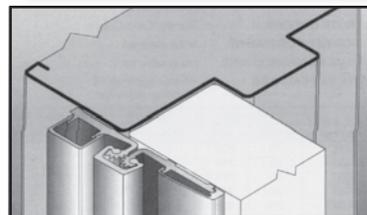
CONTINUOUS HINGE BENEFITS

Long life :	Typical problems such as door bind and sag are eliminated.
Ease of motion :	Reduces friction.
Security :	Eliminates the gap between the door and the frame so doors can't be pried open or removed.
Energy savings :	Provides a continuous and permanent weather barrier.
Privacy :	Conceals gaps typically left when the doors are open.
Warp resistant :	Roton hinges may help eliminate the warping of wood or laminate door.
Sound retardation :	Roton helps reduce noise transmission by eliminating the gap between the hinge and the door.
Safety :	Various models of Roton hinge will help prevent pinched fingers. These models are specifically designed for use with stopless frames.
Appearance :	Roton helps reduce noise transmission.

EXAMPLE



An example of a fully concealed application



An example of a full surface application

I Glass Hardware I

Specialized Glazier Hardware



Richelieu Section 12F

Aluminum Roton Concealed Leaf Hinges - for Kawneer and Prevost Door

- Leaves are concealed between the rabbet of the frame and the hinge edge of the door
- To replace conventional hinges that fail
- All rotating parts are chemically lubricated
- Can be field cut to exact door measurements
- No special machining or reinforcement is required
- Suits door of any material
- Includes fasteners

CLEARANCE	5/16" (8 mm) hinge side plus standard lockside clearance
DOOR REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
FRAME REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
DOOR THICKNESS	1-3/4" (45 mm)
SPECIAL FEATURES	Frame and door leaf alignment ribs for proper hinge and door location

Standard Duty

780 series standard duty - commercial grade 780 standard duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 5-1/8" centers. A typical 780 series 83" Roton hinge carries the door weight on **sixteen bearings**. The cover channel, the bearing spacings and screws fastener locations are designed for heavier loads.

- For medium frequency doors up to 200 lb

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78011208310	Anodized satin aluminum	83" (2107 mm)	1
78011208313	Anodized bronze	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST

Heavy Duty

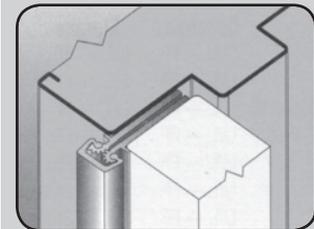
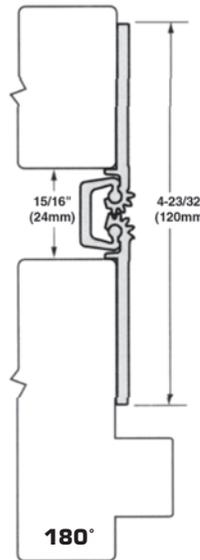
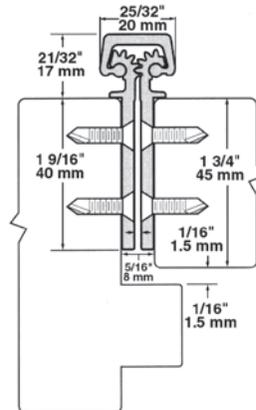
780 series heavy duty - commercial grade 780 «HD» heavy duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 2-9/16" centers. A typical 780 «HD» series 83" Roton hinge carries the door weight on **thirty-two bearings**. These hinges are supplied with staggered screw holes to suit heavy-duty applications such as high traffic entrance ways, classroom doors, stairwell doors, etc.

- For high or heavy frequency doors

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78011218310	Anodized satin aluminum	83" (2107 mm)	1
78011218313	Anodized bronze	83" (2107 mm)	1
78011219510	Anodized satin aluminum	95" (2413 mm)	1
78011219513	Anodized bronze	95" (2413 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST

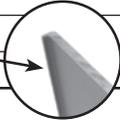


- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

**Aluminum Roton Concealed Leaf Hinges -
 with Door Edge Protection Lip**

- Leaves are concealed between the rabbet of the frame and the hinge edge of the door
- To replace conventional hinges that fail
- All rotating parts are chemically lubricated
- Can be field cut to exact door measurements
- No special machining or reinforcement is required
- Suits door of any material
- Includes fasteners

CLEARANCE	5/16" (8 mm) hinge side plus standard lockside clearance
DOOR REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
FRAME REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
DOOR THICKNESS	1-3/4" (45 mm)
SPECIAL FEATURES	Door edge protection lip 

Standard Duty

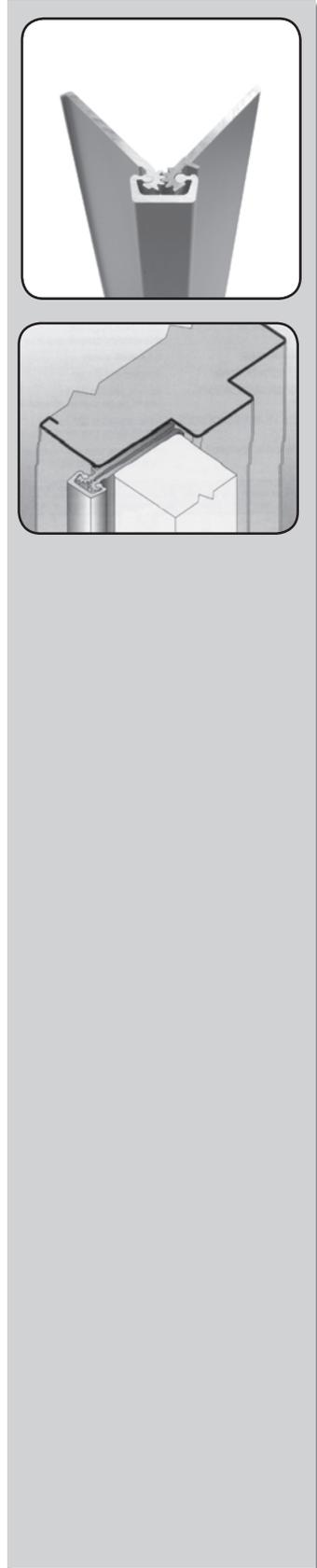
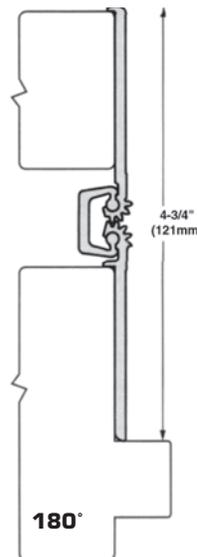
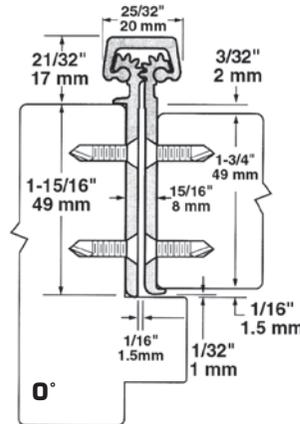
780 series standard duty - commercial grade
 780 standard duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 5-1/8" centers. A typical 780 series 83" Roton hinge carries the door weight on **sixteen bearings**. The cover channel, the bearing spacings and screws fastener locations are designed for heavier loads.

- For medium frequency doors up to 200 lb

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78022408310	Anodized satin aluminum	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST



I Glass Hardware I
Specialized Glazier Hardware



**Richelieu
 Section 12F**

**Aluminum Roton Concealed Leaf Hinges -
 With Door Leaf Alignment Ribs**

- Leaves are concealed between the rabbet of the frame and the hinge edge of the door
- To replace conventional hinges that fail
- All rotating parts are chemically lubricated
- Can be field cut to exact door measurements
- No special machining or reinforcement is required
- Suits door of any material
- Includes fasteners

CLEARANCE	5/16" (8 mm) hinge side plus standard lockside clearance
DOOR REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
FRAME REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
DOOR THICKNESS	2" (51 mm)

Heavy Duty

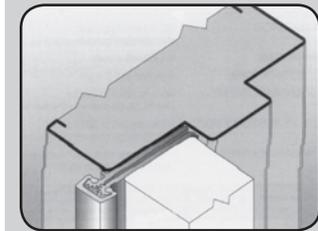
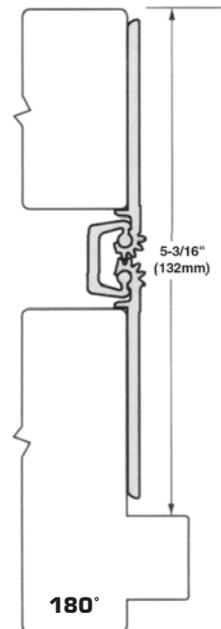
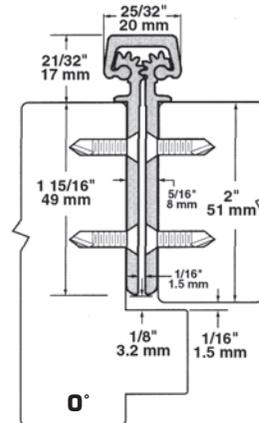
780 series heavy duty - commercial grade
 780 «HD» heavy duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 2-9/16" centers. A typical 780 «HD» series 83" Roton hinge carries the door weight on **thirty-two bearings**. These hinges are supplied with staggered screw holes to suit heavy-duty applications such as high traffic entrance ways, classroom doors, stairwell doors, etc.

- For high or heavy frequency doors

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78022618310	Anodized satin aluminum	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

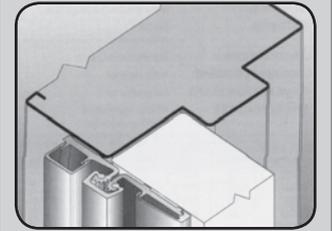
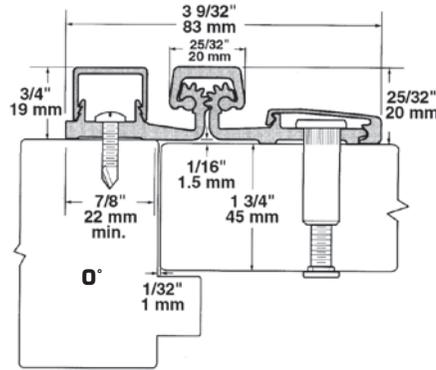
CCRM 2018



Aluminum Roton Full Surface Hinges - for Narrow Frame

- Leaves are concealed between the rabbet of the frame and the hinge edge of the door
- To replace conventional hinges that fail
- All rotating parts are chemically lubricated
- Can be field cut to exact door measurements
- No special machining or reinforcement is required
- Suits door of any material
- Includes fasteners

CLEARANCE	None required for hinge side
DOOR REINFORCEMENT	None required
FRAME REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
DOOR THICKNESS	1-3/4" (45 mm)
SPECIAL FEATURES	<ul style="list-style-type: none"> - For surface applications where frame face dimension is limited - Security moldings - For narrow or inset frames with minimum 7/8" face width for retrofit application



Standard Duty

780 series standard duty - commercial grade

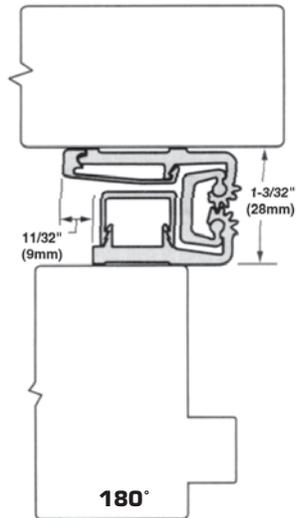
780 standard duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 5-1/8" centers. A typical 780 series 83" Roton hinge carries the door weight on **sixteen bearings**. The cover channel, the bearing spacings and screws fastener locations are designed for heavier loads.

- For medium frequency doors up to 200 lb

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78015708310	Anodized satin aluminum	83" (2107 mm)	1
78015708313	Anodized bronze	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST



Heavy Duty

780 series heavy duty - commercial grade

780 «HD» heavy duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 2-9/16" centers. A typical 780 «HD» series 83" Roton hinge carries the door weight on **thirty-two bearings**. These hinges are supplied with staggered screw holes to suit heavy-duty applications such as high traffic entrance ways, classroom doors, stairwell doors, etc.

- For high or heavy frequency doors

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78015718310	Anodized satin aluminum	83" (2107 mm)	1
78015718313	Anodized bronze	83" (2107 mm)	1
78015719510	Anodized satin aluminum	95" (2413 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST

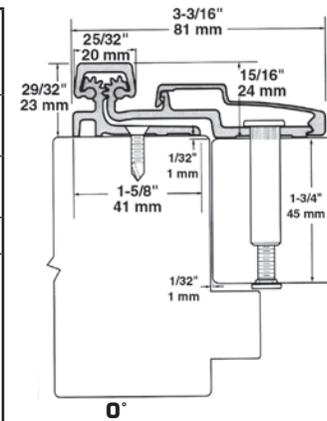
CCRM 2018



Aluminum Roton Full Surface Hinges - for Full Clearance Application

- Leaves are concealed between the rabbet of the frame and the hinge edge of the door
- To replace conventional hinges that fail
- All rotating parts are chemically lubricated
- Can be field cut to exact door measurements
- No special machining or reinforcement is required
- Suits door of any material
- Includes fasteners

CLEARANCE	None required for hinge side 1-5/8" (41 mm) min. frame face required plus 3/16" (5 mm) rotational clearance
DOOR REINFORCEMENT	None required
FRAME REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
DOOR THICKNESS	1-3/4" (45 mm)
SPECIAL FEATURES	<ul style="list-style-type: none"> - For doors that must swing completely out of frame - Security moldings - For narrow or inset frames with minimum 7/8" face width for retrofit application - For surface applications where frame face dimension is limited



Standard Duty

780 series standard duty - commercial grade

780 standard duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 5-1/8" centers. A typical 780 series 83" Roton hinge carries the door weight on **sixteen bearings**. The cover channel, the bearing spacings and screws fastener locations are designed for heavier loads.

- For medium frequency doors up to 200 lb

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78021008310	Anodized satin aluminum	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST

Heavy Duty

780 series heavy duty - commercial grade

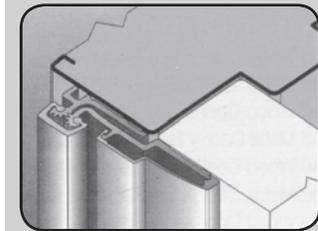
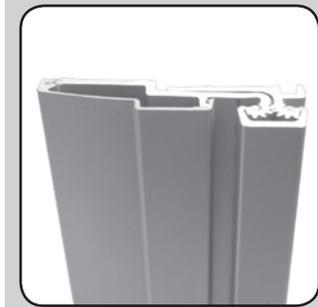
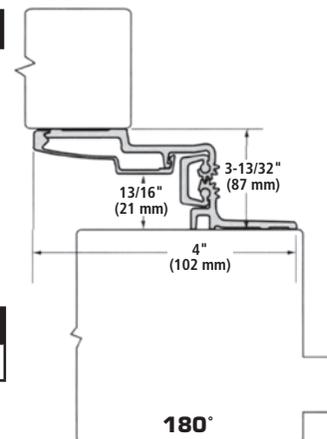
780 «HD» heavy duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 2-9/16" centers. A typical 780 «HD» series 83" Roton hinge carries the door weight on **thirty-two bearings**. These hinges are supplied with staggered screw holes to suit heavy-duty applications such as high traffic entrance ways, classroom doors, stairwell doors, etc.

- For high or heavy frequency doors

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78021018310	Anodized satin aluminum	83" (2107 mm)	1
78021018313	Anodized bronze	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

Aluminum Roton Replacement Moldings for Full Surface Hinges

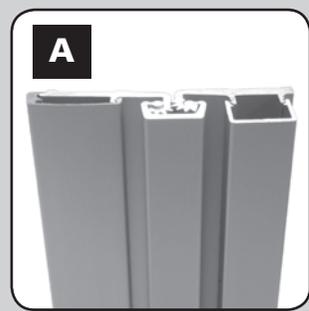
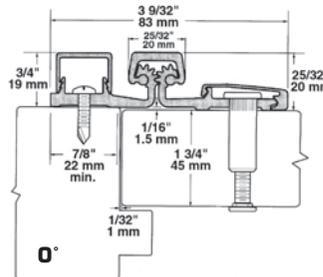
- Ideal parts for repairs and replacements
- Includes screws and allen key

For 780210 Series

Sold by length

PRODUCT A	FINISH	LENGTH	QTY/BOX
780052M8310	Anodized satin aluminum	83" (2107 mm)	1
780052M83313	Anodized bronze	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST

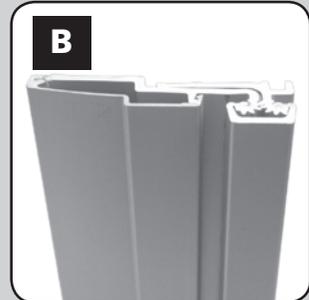
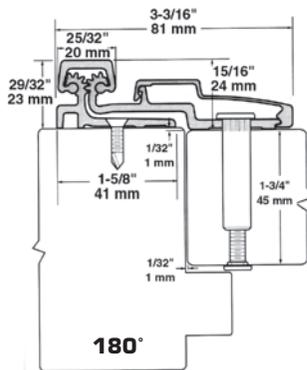


For 780157 Series

Sold by length

PRODUCT B	FINISH	LENGTH	QTY/BOX
780210M8310	Anodized satin aluminum	83" (2107 mm)	1
780210M83313	Anodized bronze	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST



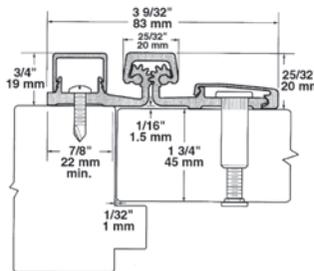
Replacement Moldings for Roton Full Surface Aluminum Hinges

Spare parts perfect for repairs and replacements. Includes screws and Allen key. For 780157 series.

- Usage: Standard and Heavy Duty

Sold by length

PRODUCT	FINISH	LENGTH		QTY/BOX
		in	m	
780247M8310	Satin Aluminum	83	2.11	1
780247M83313	Bronze	83	2.11	1



| Glass Hardware |
Specialized Glazier Hardware



**Richelieu
 Section 12F**

**Aluminum Roton Full Surface Hinges -
 for Center Hung Door Application**

- Leaves are concealed between the rabbet of the frame and the hinge edge of the door
- To replace conventional hinges that fail
- All rotating parts are chemically lubricated
- Can be field cut to exact door measurements
- No special machining or reinforcement is required
- Suits door of any material
- Includes fasteners

CLEARANCE	None required 3/4" (19 mm) minimum inset
DOOR REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
FRAME REINFORCEMENT	None required to 200 lb. Use 16 gauge channel at higher weight
DOOR THICKNESS	1-3/4" (45 mm)
SPECIAL FEATURES	For center hung door application

Heavy duty

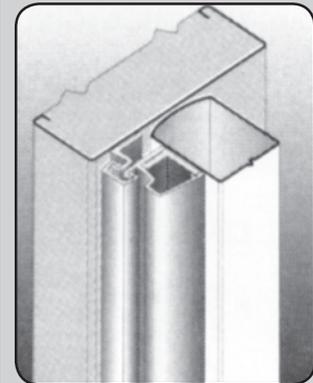
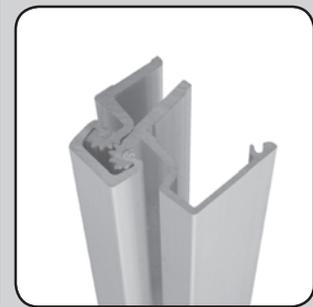
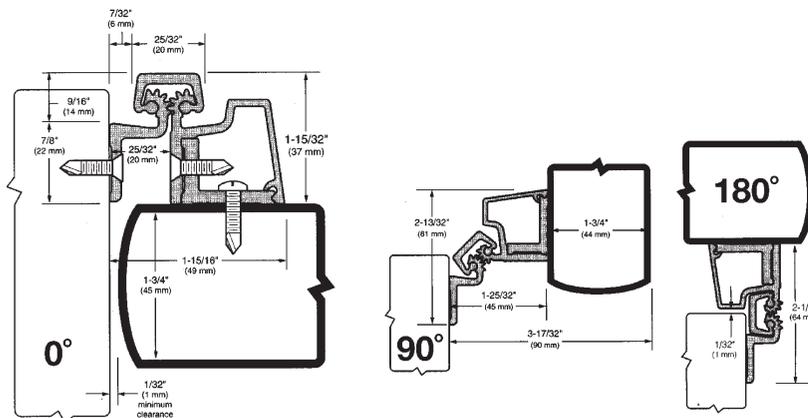
780 series heavy duty - commercial grade 780 «HD» heavy duty series Roton hinges are manufactured with thrust bearings spaced along the hinge length on 2-9/16" centers. A typical 780 «HD» series 83" Roton hinge carries the door weight on thirty-two bearings. These hinges are supplied with staggered screw holes to suit heavy-duty applications such as high traffic entrance ways, classroom doors, stairwell doors, etc.

- For high or heavy frequency doors

Sold by length

PRODUCT	FINISH	LENGTH	QTY/BOX
78030018310	Anodized satin aluminum	83" (2107 mm)	1

OTHER MODELS AVAILABLE UPON REQUEST



- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
- 10 OFFICE
- 11 SLIDING DOORS SYSTEMS
- 12 GLASS HARDWARE
- 13 PANELS AND SURFACES
- 14 EDGE-BANDING
- 15 CABINET DOORS AND DRAWERS
- 16 MOLDINGS, CORBELS AND WINE CELLARS
- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE
- 21 BUILDERS HARDWARE

CCRM 2018

| Glass Hardware |
Specialized Glazier Hardware

**Richelieu
Section 12F**

Commercial Door Thresholds

Threshold door molding for floor.

Sold by length

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		QTY/BOX
		in	mm	in	cm	ft	m	
D0582412D10	Mill Finish (M)	1/4	6	4	10.2	12	3.86	1
D0582512D10	Mill Finish (M)	1/4	6	5	12.7	12	3.86	1
D0582612D10	Mill Finish (M)	1/4	6	6	15.2	12	3.86	1

Commercial Door Thresholds

Sold by length

PRODUCT	FINISH	HEIGHT		WIDTH		LENGTH		QTY/BOX
		in	mm	in	cm	ft	m	
D0583412D10	Mill Finish (M)	1/2	13	4	10.2	12	3.68	1
D0583512D10	Mill Finish (M)	1/2	13	5	12.7	12	3.68	1
D0583612D10	Mill Finish (M)	1/2	13	6	15.2	12	3.68	1

