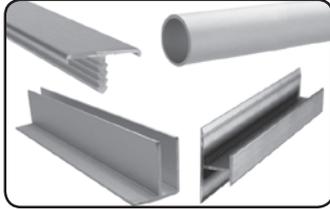


Builders Hardware

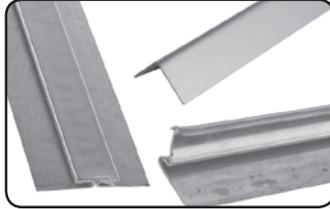
Aluminum Moldings

Section 21A



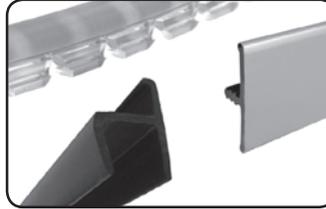
Stainless Steel Moldings

Section 21B



Functional Moldings

Section 21C



Tubular Hardware

Section 21D



Building Specialties

Section 21E



Bathroom Partition Hardware

Section 21F



Rolling Ladder Hardware

Section 21G



Door Hardware

Section 21H



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SECTION 21

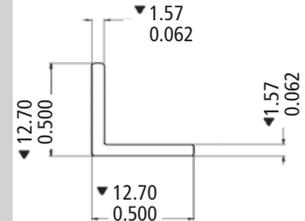
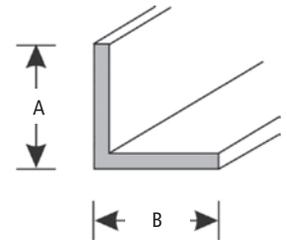
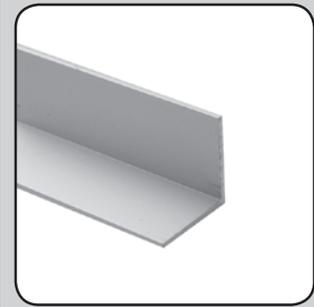
Aluminum Moldings

Richelieu Section 21A

90° Angle Molding, 2 Equal Sides

Sold by length

PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS	LENGTH
D010057	Satin Aluminum (VC)	1/2"	1/2"	1/16"	12'
D010063	Chrome (140)	1/2"	1/2"	5/64"	12'
D010065	Satin Aluminum (VC)	3/4"	3/4"	1/16"	12'
D010069	Gold (130)	3/4"	3/4"	1/16"	12'
D010071	Chrome (140)	3/4"	3/4"	1/16"	12'
D010072	Satin Aluminum (VC)	1"	1"	1/16"	12'
D010076	Chrome (140)	1"	1"	1/16"	12'
D011073	Satin Aluminum (VC)	1-1/2"	1-1/2"	7/64"	12'
D01271312	Satin Aluminum (VC)	1"	1"	1/8"	12'
D011072	Chrome (140)	1-1/2"	1-1/2"	7/64"	12'
D010064	Black (90)	3/4"	3/4"	3/32"	12'
D300083	Mill Finish (M)	3/4"	3/4"	1/8"	12'
D010074	Gold (130)	1"	1"	1/16"	12'
D0100570810	Satin Aluminum (VC)	1/2"	1/2"	1/16"	8'
D0100650810	Satin Aluminum (VC)	3/4"	3/4"	3/32"	8'
D01007108140	Chrome (140)	3/4"	3/4"	3/32"	8'
D0100720810	Satin Aluminum (VC)	1"	1"	1/16"	8'
D01007608140	Chrome (140)	1"	1"	1/16"	8'
D0110730810	Satin Aluminum (VC)	1-1/2"	1-1/2"	7/64"	8'
D0127130810	Satin Aluminum (VC)	1"	1"	1/8"	8'
MRB449M	Mill Finish (M)	3/4"	3/4"	1/8"	12'
MRBNYM613M	Mill Finish (M)	3"	3"	1/8"	12'
12321210	Satin Aluminum (VC)	3/4"	3/4"	1/8"	12'
MRB1569M	Mill Finish (M)	1-1/2"	1-1/2"	1/16"	12'
MRB269M	Mill Finish (M)	1/2"	1/2"	1/16"	12'
MRB469S	Brushed Aluminum Texture (S)	1"	1"	1/16"	12'
MRB369S	Brushed Aluminum Texture (S)	3/4"	3/4"	1/16"	12'
MRB469M	Mill Finish (M)	1"	1"	1/16"	12'
MRB1569VC	Satin Aluminum (VC)	1-1/2"	1-1/2"	1/16"	12'
MRB156918M	Mill Finish (M)	1-1/2"	1-1/2"	1/8"	12'
MRB749M	Mill Finish (M)	1"	1"	1/8"	12'
MRB8469M	Mill Finish (M)	2"	2"	1/8"	12'
MRB5569M	Mill Finish (M)	1-1/4"	1-1/4"	1/8"	12'
MRB26918M	Mill Finish (M)	1/2"	1/2"	1/8"	12'
MRB4469VC	Satin Aluminum (VC)	2"	2"	1/16"	12'
MRB369M	Mill Finish (M)	3/4"	3/4"	1/16"	12'
MRB8469VC	Satin Aluminum (VC)	2"	2"	1/8"	12'
MRB749S	Brushed Aluminum Texture (S)	1"	1"	1/8"	12'
MRB26918S	Brushed Aluminum Texture (S)	1/2"	1/2"	1/8"	12'
12141210	Satin Aluminum (VC)	1"	1"	3/64"	12'
12161210	Satin Aluminum (VC)	1-1/4"	1-1/4"	1/16"	12'

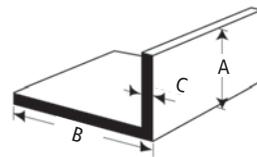


Aluminum Moldings

90° Angle Aluminum Molding, 2 Unequal Sides

Sold by length

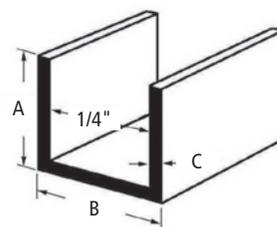
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
D010054	Chrome (140)	1/2"	3/4"	1/8"	12'
D010055	Satin Aluminum (VC)	1/2"	3/4"	1/8"	12'
D014111210	Satin Aluminum (VC)	1/2"	1"	1/16"	12'
D0141112140	Chrome (140)	1/2"	1"	1/16"	12'
D0141112170	Stainless Steel (170)	1/2"	1"	1/16"	12'
D0100550810	Satin Aluminum (VC)	1/2"	3/4"	1/16"	8'
D014110810	Satin Aluminum (VC)	1/2"	1"	1/16"	8'
D014351210	Satin Aluminum (VC)	3/4"	1-1/2"	1/8"	12'
D0143512140	Chrome (140)	3/4"	1-1/2"	1/8"	12'
D0143512170	Stainless Steel (170)	3/4"	1-1/2"	1/8"	12'
D014350810	Satin Aluminum (VC)	3/4"	1-1/2"	1/8"	8'



1/4" U-Shaped Aluminum Molding

Sold by length

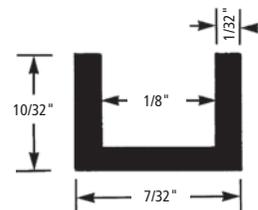
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
D010078	Chrome (140)	3/8"	3/8"	1/16"	12'
D010079	Satin Aluminum (VC)	3/8"	3/8"	1/16"	12'
D010077	Gold (130)	3/8"	3/8"	1/16"	12'
D01007808170	Stainless Steel (170)	3/8"	3/8"	1/16"	8'
D0100790810	Satin Aluminum (VC)	3/8"	3/8"	1/16"	8'
MRB257S	Brushed Aluminum Texture (S)	3/8"	3/8"	1/16"	12'
MRB757S	Brushed Aluminum Texture (S)	10/32"	7/32"	1/32"	12'



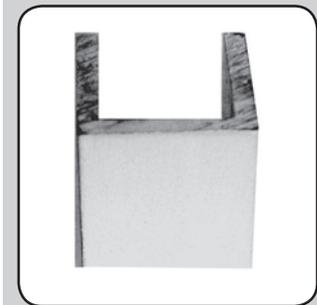
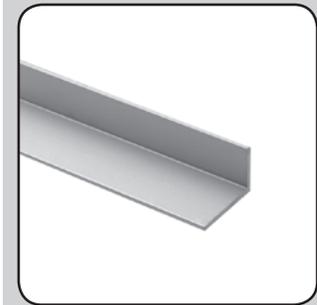
1/8" U-Shaped Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
MRB757S	Brushed Aluminum Texture (S)	10/32"	7/32"	1/32"	12'



Richelieu Section 21A



- 1 SCREWS AND FASTENERS
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- 8 LIGHTING SOLUTIONS
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- 17 GLUES, SILICONES, CAULK AND INSULATING
- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE

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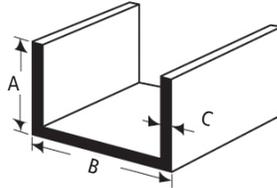
Builders Hardware |
Aluminum Moldings

**Richelieu
 Section 21A**

3/8" U-Shaped Aluminum Molding

Sold by length

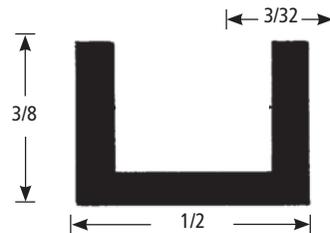
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
1614010	Satin Aluminum (VC)	1/2"	1/2"	1/16"	12'
1614140	Chrome (140)	1/2"	1/2"	1/16"	12'
16140810	Satin Aluminum (VC)	1/2"	1/2"	1/16"	8'
MRB57M	Mill Finish (M)	5/16"	1/2"	1/16"	12'



5/16" U-Shaped Aluminum Molding

Sold by length

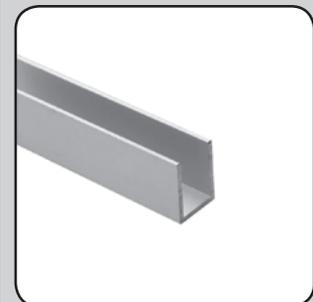
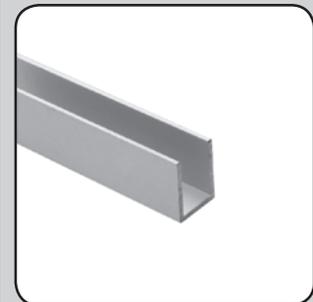
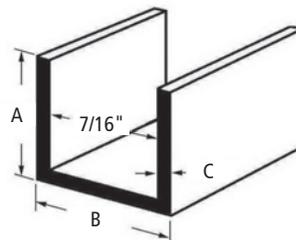
PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
MRB148S	Brushed (S)	3/8"	1/2"	3/32"	12'
MRB148M	Mill Finish (M)	3/8"	1/2"	3/32"	12'



7/16" U-Shaped Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
D012181	Satin (10)	3/4"	9/16"	1/16"	12'
D012182	Chrome (140)	3/4"	9/16"	1/16"	12'
D012183	Gold (130)	3/4"	9/16"	1/16"	12'
D012184	Black (90)	3/4"	9/16"	1/16"	12'
D0121810810	Satin (10)	3/4"	9/16"	1/16"	8'
D01218208170	Stainless Steel (170)	3/4"	9/16"	1/16"	8'
MRB547S	Brushed Aluminum (S)	9/16"	9/16"	1/16"	12'

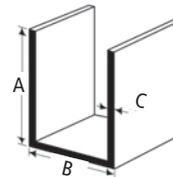


Aluminum Moldings

1/2" U-Shaped Aluminum Molding

Sold by length

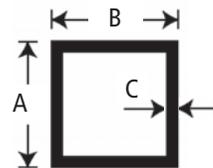
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
D010058	Satin (10)	1"	5/8"	1/16"	12'
D010066	Chrome (140)	1"	5/8"	1/16"	12'
D010081	Chrome (140)	5/8"	5/8"	1/16"	12'
D010082	Satin (10)	5/8"	5/8"	1/16"	12'
D016411210	Satin (10)	1/2"	3/4"	1/8"	12'
D0164112140	Chrome (140)	1/2"	3/4"	1/8"	12'
D0100580810	Satin (10)	1"	5/8"	1/16"	8'
D01008108140	Chrome (140)	5/8"	5/8"	1/16"	8'
D0100820810	Satin (10)	5/8"	5/8"	1/16"	8'
MRBNYM143M	Mill Finish (M)	3/4"	3/4"	1/8"	12'
MRB847S	Brushed Aluminum (S)	9/16"	5/8"	1/16"	12'



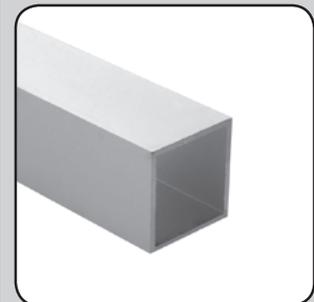
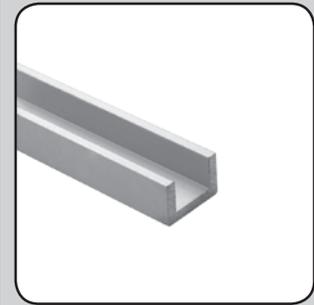
Aluminum Square Tube

Sold by length

PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
D0126391210	Satin (10)	2"	2"	1/8"	12'
D01263912140	Chrome (140)	2"	2"	1/8"	12'
D0126941210	Satin (10)	1/2"	1/2"	3/64"	12'
D0126951210	Satin (10)	1"	1"	1/16"	12'
D01269512140	Chrome (140)	1"	1"	1/16"	12'
D032121210	Satin (10)	3/4"	3/4"	1/32"	12'
D0321212140	Chrome (140)	3/4"	3/4"	1/32"	12'
D032161210	Satin (10)	1-1/2"	1-1/2"	1/16"	12'
D0321612140	Chrome (140)	1-1/2"	1-1/2"	1/16"	12'
MRBX213M	Mill Finish (M)	1"	1"	1/16"	12'



Richelieu Section 21A



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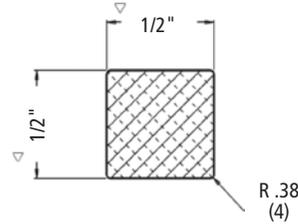
Builders Hardware | Aluminum Moldings

Richelieu Section 21A

Solid Square Bar

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
24081210	Satin (10)	1/2"	1/2"	12'



Aluminum Round Tube

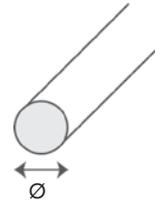
Sold by length

PRODUCT	FINISH	Ø	THICKNESS	LENGTH
D030121210	Satin (10)	1/2"	1/32"	12'
D0301212140	Chrome (140)	1/2"	1/32"	12'
D030161210	Satin (10)	3/4"	1/32"	12'
D030301210	Satin (10)	1"	1/16"	12'
D0303012140	Chrome (140)	1"	1/16"	12'

Aluminum Rod

Sold by length

PRODUCT	FINISH	Ø	LENGTH
28101210	Satin (10)	1/4"	12'
28121210	Satin (10)	3/8"	12'
28141210	Satin (10)	1/2"	12'

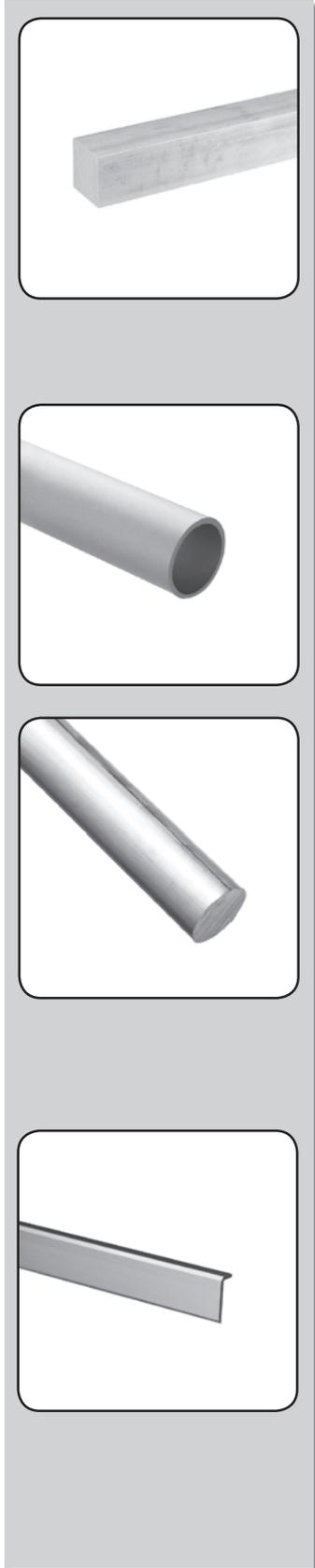
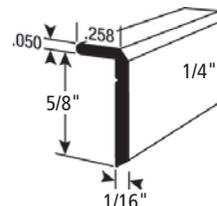


5/8" L-Shaped Finishing Aluminum Molding

- Finishing molding for mirrors. Easy to install

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
D010048	Gold (130)	1/4"	1/4"	1/16"	12'
D010049	Chrome (140)	1/4"	1/4"	1/16"	8'
D010050	Chrome (140)	1/4"	1/4"	1/16"	12'
D01005010	Satin (10)	1/4"	1/4"	1/16"	12'



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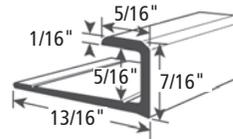
Aluminum Moldings

5/16" J-Shaped Bottom Finishing Aluminum Molding

- For mirrors. Easy to install

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
D010031	Gold (130)	13/16"	7/16"	1/16"	12'
D010032	Chrome (140)	13/16"	7/16"	1/16"	8'
D010033	Chrome (140)	13/16"	7/16"	1/16"	12'
D01003310	Satin (10)	13/16"	7/16"	1/16"	12'
D010029	Bronze (164)	13/16"	7/16"	1/16"	12'
D010027	Black (90)	13/16"	7/16"	1/16"	12'

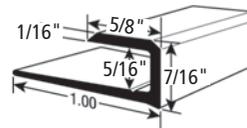


5/16" J-Shaped Top Finishing Aluminum Molding

- For mirrors. Easy to install

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
D010040	Chrome (140)	1"	7/16"	1/16"	8'
D010039	Gold (130)	1"	7/16"	1/16"	12'
D010041	Chrome (140)	1"	7/16"	1/16"	12'
D01004110	Satin (10)	1"	7/16"	1/16"	12'
D010035	Black (90)	1"	7/16"	1/16"	12'
D010037	Bronze (164)	1"	7/16"	1/16"	12'

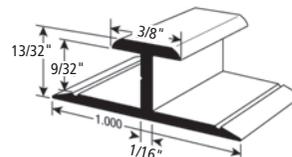


9/32" H-Finishing Aluminum Molding

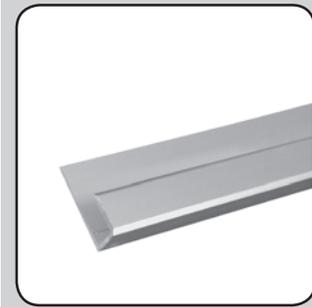
- Easy-to-install, 180° finishing molding for joining two pieces

Sold by length

PRODUCT	FINISH	FRONT FACING HEIGHT	HEIGHT	WIDTH	THICKNESS	LENGTH
D010026	Chrome (140)	3/8"	13/32"	1"	1/16"	8'
MRB850P	Chrome (140)	1/2"	13/32"	1-1/4"	1/16"	8'



Richelieu Section 21A



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- 20 COMMERCIAL DISPLAY AND HARDWARE

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Builders Hardware |
Aluminum Moldings

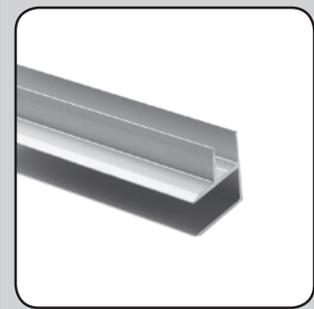
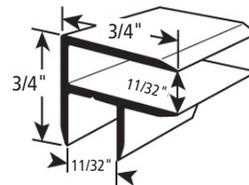
**Richelieu
 Section 21A**

11/32" 90° Corner Finishing Aluminum Molding

- For mirrors. Easy to install

Sold by length

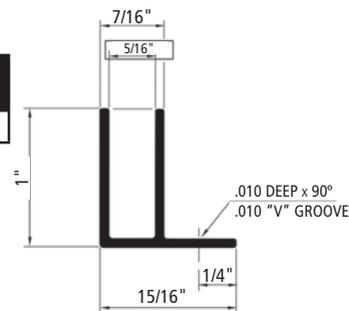
PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
D051401210	Satin (10)	3/4"	3/4"	1/16"	12'
D0514012140	Chrome (140)	3/4"	3/4"	1/16"	12'



F-Channel Aluminum Molding – 12' x 1/4" x 1" 1/2" Lip

Sold by length

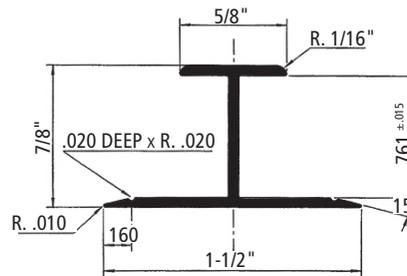
PRODUCT	FINISH	HEIGHT	WIDTH	INTERIOR MEASUREMENT	LENGTH
71301210	Satin (10)	1"	15/16"	1/4"	12'



H-Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	FRONT FACING HEIGHT	INTERIOR MEASUREMENT	BORED	LENGTH
31311210	Satin (10)	29/32"	1-1/2"	5/8"	25/32"	No	12'



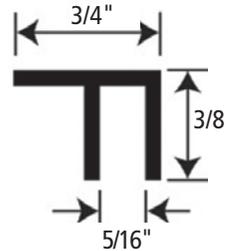
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Aluminum Moldings

F-Aluminum Molding

Sold by length

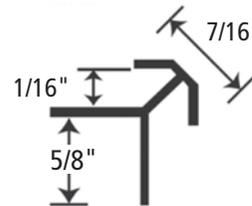
PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
MRBNYM235BC	Chrome (140)	3/8"	3/4"	12'



Corner Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	PANEL THICKNESS	BORED	LENGTH
MRB252P	Polished	57/64"	7/16"	5/8"	1/16"	No	12'

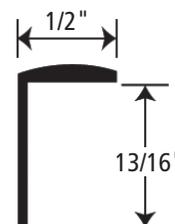


Corner Aluminum Molding

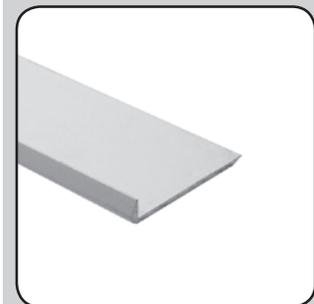
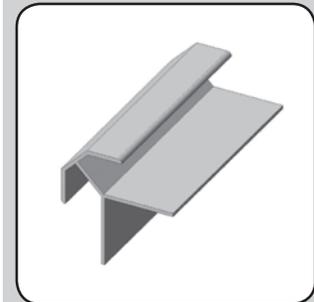
- Finishing molding for mirrors, furniture and counters. Easy to install. Perfect for protecting front facades of commercial counters

Sold by length

PRODUCT	FINISH	WIDTH	THICKNESS	OVERALL DIMENSIONS - HEIGHT	LENGTH
MRB669BCH	Chrome (140)	13/16"	1/2"	1/2"	12'
MRB128PH	Polished	7/8"	1/4"	15/16"	12'
MRBY968BCH	Chrome (140)	11/16"	1/4"	5/8"	12'



Richelieu Section 21A



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Builders Hardware | Aluminum Moldings

Richelieu Section 21A

Aluminum Z-Bar Hanger

- Can be used to hang panels, mirrors, cabinets, or speakers. Mill finish

Sold by length

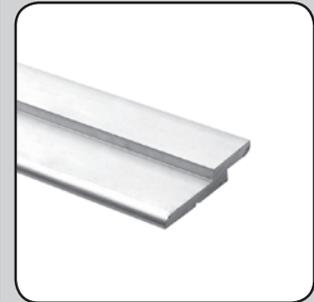
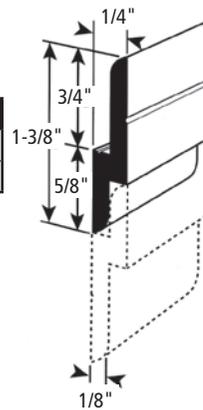
PRODUCT	FINISH	SPEC.	HEIGHT	WIDTH	THICKNESS	BORED	LENGTH
5075070	Mill Finish (M)	Pre-Drilled	1-25/32"	3/16"	3/32"	Yes	2-1/2"
5075080	Mill Finish (M)	Pre-Drilled	1-25/32"	3/16"	3/32"	Yes	10'
MRBNYM111M	Mill Finish (M)	-	1-25/32"	3/16"	3/32"	No	10'

Z-Shaped Aluminum Molding

- Solid aluminum Z-shaped molding. Ideal for cabinets, panels, and furniture for showrooms

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
318712D10	Mill Finish (M)	1-3/8"	1/4"	1/8"	12'
318708D10	Mill Finish (M)	1-3/8"	1/4"	1/8"	8'

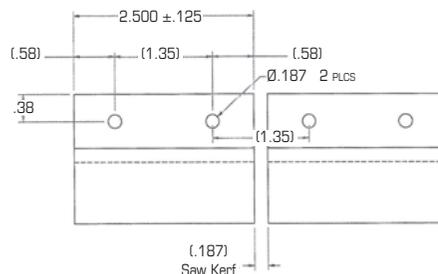


Z-Bar Aluminum Hanger

Can be used to hang panels, mirrors, cabinets, or speakers. Mill finish.

We strongly recommend that you order the products TUBECART and CAP (two CAPs per TUBECART) to package this product. Please note that if you do not, returns or claims for packaging defects will not be accepted.

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
5075070	Mill Finish (M)	1-25/32"	3/16"	3/32"	2-1/2"
5075080	Mill Finish (M)	1-25/32"	3/16"	3/32"	120"



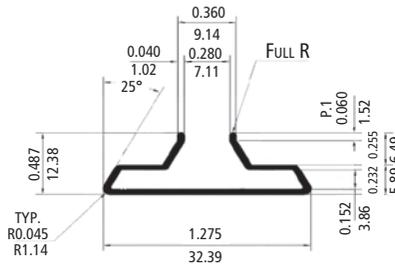
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Builders Hardware | Aluminum Moldings

Slatwall Aluminum Insert

Sold by length

PRODUCT	FINISH	LENGTH
20608D10	Mill Finish (M)	8'

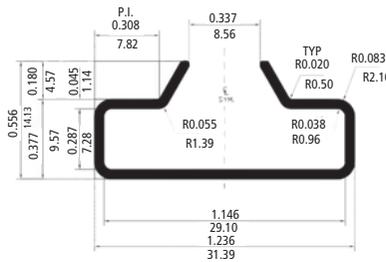


Slatwall Aluminum Insert

- This insert makes your slatwall panels stronger

Sold by length

PRODUCT	FINISH	LENGTH
N960010	Mill Finish (M)	8'
N9600410	Mill Finish (M)	4'

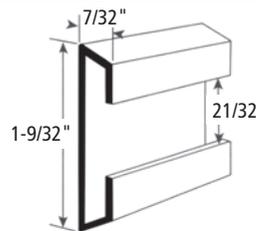


Slatwall Aluminum Insert

- This insert strengthens your slatwall panels

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
19508D10	Mill Finish (M)	1-9/32"	7/32"	21/32"	8'

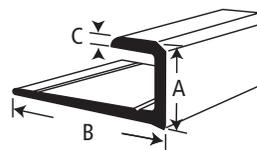


J-Finishing Aluminum Molding

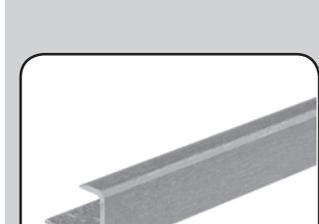
Sold by length

PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	LENGTH
MRB551VCH	Satin (10)	3/8"	7/8"	1/4"	12'
MRB251PH	Polished	1/4"	3/4"	3/16"	12'
MRB1851M*	Mill Finish (M)	3/8"	1"	5/8"	12'
MRB1851S*	Brushed Aluminum (S)	3/8"	7/8"	5/8"	12'
MRB851PH	Polished	3/8"	7/8"	3/8"	12'
MRB1851P*	Polished	3/8"	1"	5/8"	12'

* Undrilled



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Aluminum Moldings

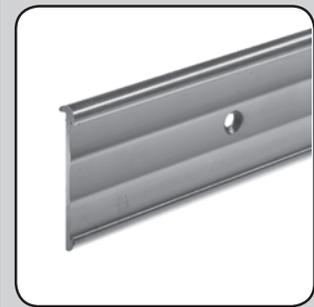
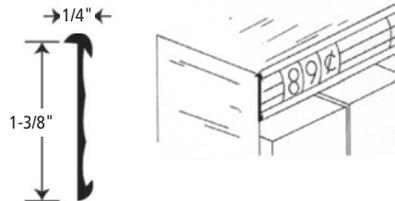
Richelieu Section 21A

1-1/4" Price Tag Aluminum Molding

- Moldings for 1-1/4" price tags, made with 6063 alloy
- With holes

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
MRBA154PH	Polished	1-3/8"	1-3/8"	1/4"	12'
MRBA154SH	Satin (10)	1-3/8"	1-3/8"	1/4"	12'



1-1/4" Price Tag Aluminum Molding

Sold by length

PRODUCT	FINISH	WIDTH	LENGTH
MRB618P	Polished	1-1/4"	12'

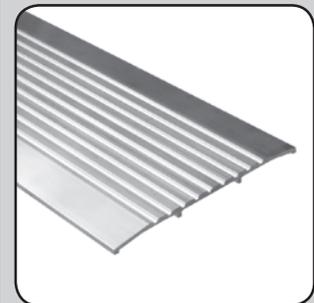


Aluminum Commercial Door Threshold

- Threshold door molding for floor

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
D0582412D10	Mill Finish (M)	1/4"	4"	12'
D0582512D10	Mill Finish (M)	1/4"	5"	12'
D0582612D10	Mill Finish (M)	1/4"	6"	12'



Aluminum Moldings

Aluminum Commercial Door Threshold

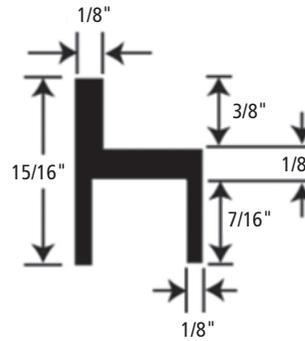
Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
D0583412D10	Mill Finish (M)	1/2"	4"	12'-1"
D0583512D10	Mill Finish (M)	1/2"	5"	12'-1"
D0583612D10	Mill Finish (M)	1/2"	6"	12'-1"

Velo Clear Hang File Extrusion

Sold by length

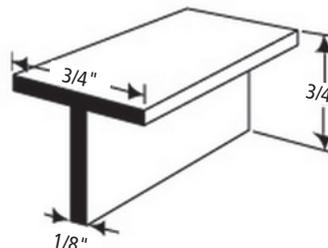
PRODUCT	FINISH	LENGTH
MRBNYM120VC	Satin (10)	12'



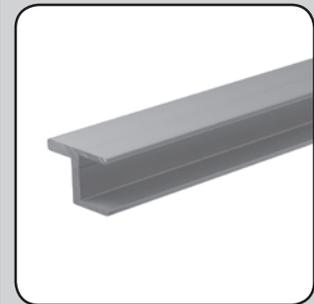
T-Rod Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
18301210	Satin (10)	3/4"	3/4"	1/8"	12'



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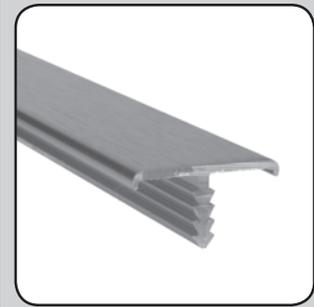
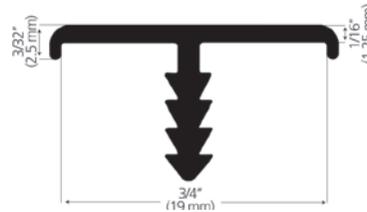
| Builders Hardware |
Aluminum Moldings

**Richelieu
Section 21A**

T Edge Finishing Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
31941210	Satin (10)	15/32"	27/ 32"	13/32"	1/8"	12'
319412140	Chrome (140)	15/32"	27/ 32"	13/32"	1/8"	12'
319412170	Stainless Steel (170)	15/32"	27/ 32"	13/32"	1/8"	12'

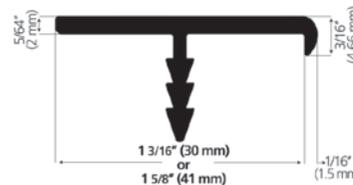


T Edge Finishing Aluminum Molding

- T-shaped aluminum edge profile for 1-3/16" panels
- The perfect protection for counter edges

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
31951210	Satin (10)	1/4"	1-1/4"	3/32"	1/2"	1/8"	12'
319512170	Stainless Steel (170)	1/4"	1-1/4"	3/32"	1/2"	1/8"	12'



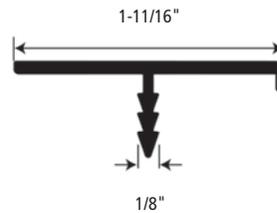
Aluminum Moldings

T Edge Finishing Aluminum Molding

- T-shaped aluminum edge profile for 1-5/8" panels
- Protection for counter edges

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
31961210	Satin (10)	1-11/16"	3/32"	3/32"	1/2"	1/8"	12'
319612170	Stainless Steel (170)	1-11/16"	3/32"	3/32"	1/2"	1/8"	12'

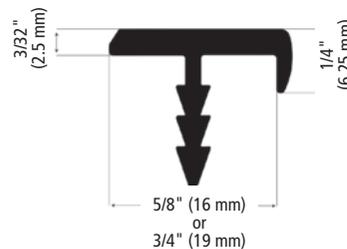


T Edge Finishing Aluminum Molding

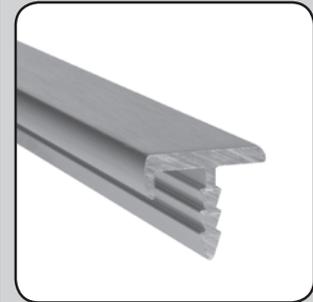
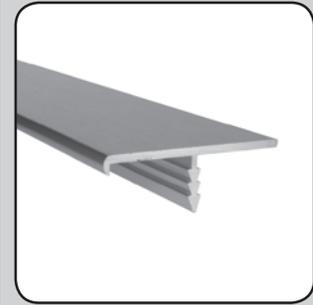
- T-shaped aluminum edge profile for 5/8" panel
- Superior protection for panel edges

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
32921210	Satin (10)	5/8"	23/32"	3/32"	1/2"	1/8"	12'
329212170	Stainless Steel (170)	5/8"	23/32"	3/32"	1/2"	1/8"	12'



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I Builders Hardware I
Aluminum Moldings

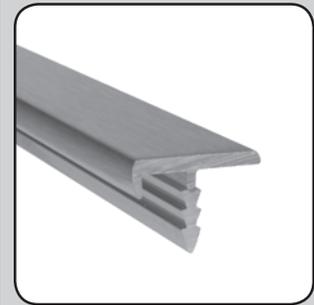
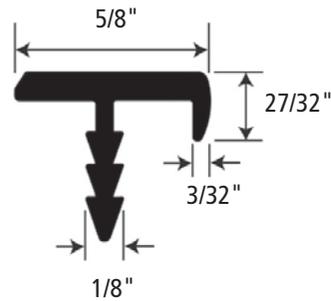
**Richelieu
 Section 21A**

T Edge Finishing Aluminum Molding

- T-shaped molding for 3/4" panels
- Easy to install
- Gives perfect edge protection

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
31931210	Satin (10)	5/8"	27/32"	3/32"	1/2"	1/8"	12'
319312170	Stainless Steel (170)	5/8"	27/32"	3/32"	1/2"	1/8"	12'

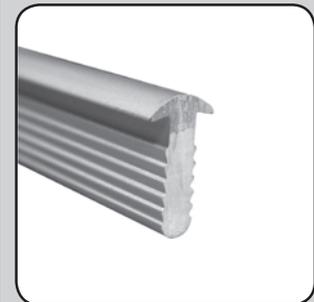


T-Finishing Molding

Application: This molding allows you to protect solid surfaces when used as a trivet. It can also be used for finishing doors, front counter tops and wall panels.

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	PANEL THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
54311210	Satin (10)	19/32"	5/16"	3/32"	5/8"	15/32"	5/32"	12'
54310810	Satin (10)	19/32"	5/16"	3/32"	5/8"	15/32"	5/32"	8'



Builders Hardware | Aluminum Moldings

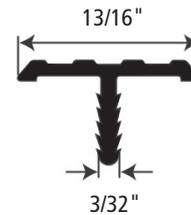
T-Finishing Molding

- T-shaped molding for 3/4" panels
- Easy to install

Application: Ideal for tables or counter contours where two combined moldings are used.

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	PANEL THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
54821210	Satin (10)	15/32"	13/16"	3/32"	3/4"	3/8"	3/32"	12'
548212140	Chrome (140)	15/32"	13/16"	3/32"	3/4"	3/8"	3/32"	12'

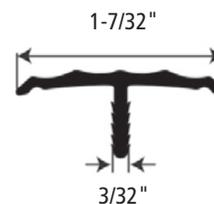


T-Finishing Aluminum Molding

- Easy-to-install, T-shaped finishing molding for panels from 1" to 1-3/16". Requires groove for notched center rod. This molding is ideal for table or counter contours

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
54841210	Satin (10)	1/2"	1-7/32"	3/32"	11/32"	3/32"	12'
548412140	Chrome (140)	1/2"	1-7/32"	3/32"	11/32"	3/32"	12'



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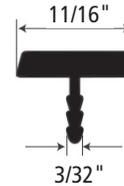
**Richelieu
 Section 21A**

T-Finishing Aluminum Molding

- T-shaped molding for 5/8" panels

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	DEPTH OF GROOVE	BARB THICKNESS	LENGTH
31621210	Satin (10)	17/32"	11/16"	1/8"	3/8"	3/32"	12'
31620810	Satin (10)	17/32"	11/16"	1/8"	3/8"	3/32"	8'

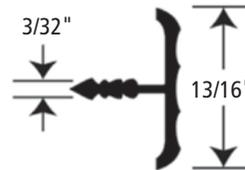


T-Finishing Aluminum Molding

- T-shaped molding for 3/4" panels

Sold by length

PRODUCT	FINISH	WIDTH	BARB THICKNESS	LENGTH
MRB1029NS	Brushed Aluminum (S)	13/16"	3/32"	12'

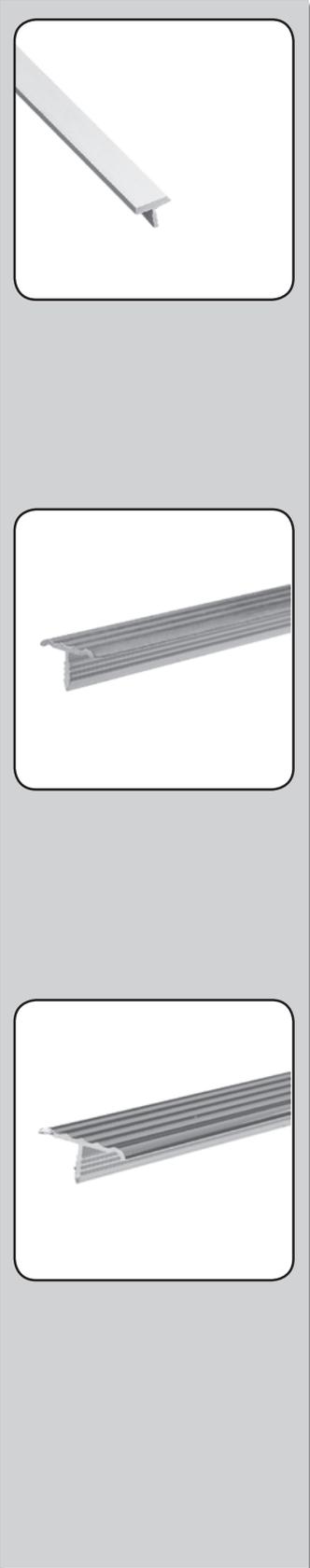
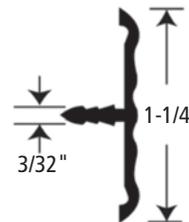


T-Finishing Aluminum Molding

- T-shaped molding for 1-1/4" panels

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	BARB THICKNESS	LENGTH
MRB968NVC	Satin (10)	1/2"	1-1/4"	3/32"	12'
MRB968NS	Brushed Aluminum (S)	1/2"	1-1/4"	3/32"	12'
MRB968NBC	Chrome (140)	1/2"	1-1/4"	3/32"	12'



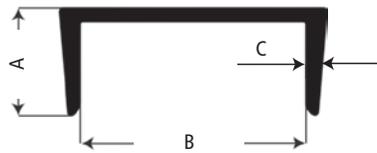
Aluminum Moldings

U-Shaped Edge Finishing Aluminum Molding

- Protective molding for covering the edge of a door or the front of a shelf. The molding is tapered so that it fits tightly against your material and stays in place
- Easy to install with a rubber mallet

Sold by length

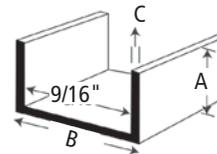
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	PANEL THICKNESS	LENGTH
31971210	Satin (10)	11/32"	7/8"	1/16"	3/4"	12'
319712170	Stainless Steel (170)	11/32"	7/8"	1/16"	3/4"	12'
31981210	Satin (10)	11/32"	3/4"	1/16"	5/8"	12'
319812170	Stainless Steel (170)	11/32"	3/4"	1/16"	5/8"	12'



9/16" U-Shaped Aluminum Molding

Sold by length

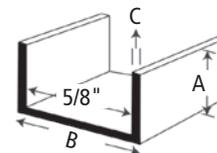
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	INTERIOR MEASUREMENTS	LENGTH
D016331210	Satin (10)	3/4"	3/4"	3/32"	9/16"	12'
D0163312140	Chrome (140)	3/4"	3/4"	3/32"	9/16"	12'
D016330810	Satin (10)	3/4"	3/4"	3/32"	9/16"	8'



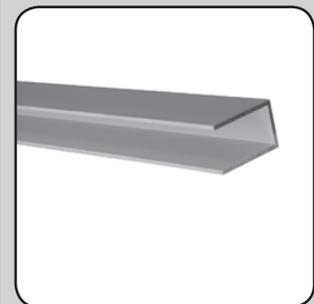
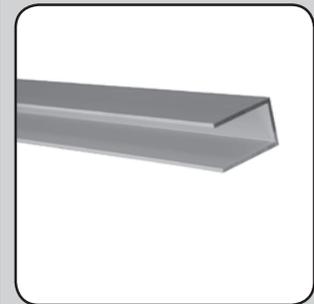
5/8" U-Shaped Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	INTERIOR MEASUREMENTS	LENGTH
D016171210	Satin (10)	5/8"	3/4"	1/16"	5/8"	12'
D0161712140	Chrome (140)	5/8"	3/4"	1/16"	5/8"	12'
D016170810	Satin (10)	5/8"	3/4"	1/16"	5/8"	8'
MRBNYM134M	Mill Finish (M)	3/4"	3/4"	1/16"	5/8"	12'



Richelieu Section 21A



- 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
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- 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

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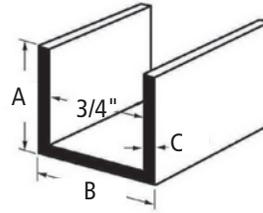
Aluminum Moldings

Richelieu Section 21A

3/4" U-Shaped Aluminum Molding

Sold by length

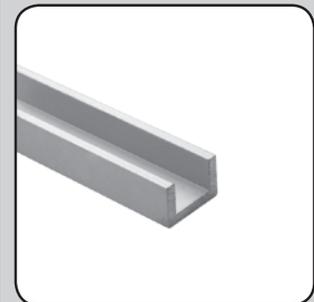
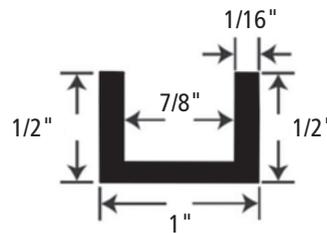
PRODUCT	FINISH	HEIGHT (A)	WIDTH (B)	THICKNESS (C)	INTERIOR MEASUREMENTS	LENGTH
D010084	Chrome (140)	5/8"	7/8"	1/16"	3/4"	12'
D010085	Satin (10)	5/8"	7/8"	1/16"	3/4"	12'
D010083	Gold (130)	5/8"	7/8"	1/16"	3/4"	12'
D016381210	Satin (10)	1/2"	1"	1/8"	3/4"	12'
D0163812140	Chrome (140)	1/2"	1"	1/8"	3/4"	12'
D0100850810	Satin (10)	5/8"	7/8"	1/16"	3/4"	8'
MRB947M	Mill Finish (M)	3/4"	7/8"	1/16"	3/4"	12'
MRBNYM109M	Mill Finish (M)	1"	1"	1/8"	3/4"	12'
MRBNYM109VC	Satin (10)	1"	1"	1/8"	3/4"	12'
MRB247S	Brushed	1/2"	1"	1/8"	3/4"	12'
MRB447M	Mill Finish (M)	1/2"	27/32"	3/64"	3/4"	12'
MRBNYM109S	Brushed	1"	1"	1/8"	3/4"	12'



7/8" U-Shaped Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	INTERIOR MEASUREMENTS	LENGTH
MRBNYM148M	Mill Finish (M)	1/2"	1"	1/16"	7/8"	12'

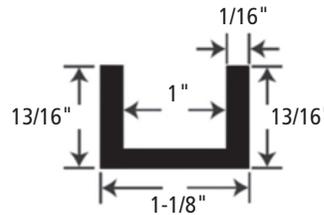


Aluminum Moldings

1" U-Shaped Aluminum Molding

Sold by length

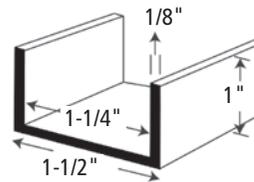
PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	INTERIOR MEASUREMENTS	LENGTH
MRB448M	Mill Finish (M)	13/16"	1-1/8"	1/16"	1"	12'
MRB448S	Brushed	13/16"	1-1/8"	1/16"	1"	12'



1-1/4" U-Shaped Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	INTERIOR MEASUREMENTS	LENGTH
D016441210	Satin (10)	1"	1-1/2"	1/8"	1-1/4"	12'
D0164412140	Chrome (140)	1"	1-1/2"	1/8"	1-1/4"	12'
D016440810	Satin (10)	1"	1-1/2"	1/8"	1-1/4"	8'



Richelieu Section 21A



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- 20 COMMERCIAL DISPLAY AND HARDWARE

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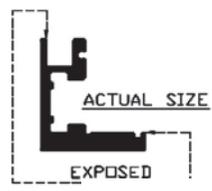
| Builders Hardware |
Aluminum Moldings

**Richelieu
 Section 21A**

Door Frame Aluminum Molding

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
35041210	Satin (10)	29/32"	13/16"	12'



3/4" Silver Glass Aluminum Molding

Sold by length

PRODUCT	LENGTH
10034100	12'

EXPOSED



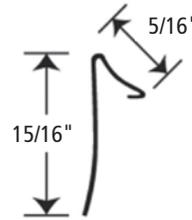
Stainless Steel Moldings

Stainless Steel Finishing Molding

- This molding can be used for a counter top backsplash or a 90 degree inside corner

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
MRBSS799B	Polished	15/16"	5/16"	12'

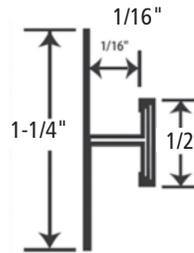


Stainless Steel Separation Bar

- Separation bar designed for materials 1/16"

Sold by length

PRODUCT	FINISH	LENGTH
MRBSS1450B	Polished	12'
MRBSS1450B8	Polished	8'

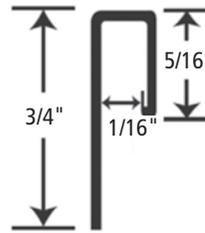


Stainless Steel J-Trim Finishing Molding

- J-Molding for materials 1/16"

Sold by length

PRODUCT	FINISH	LENGTH
MRBSS1451B8	Polished	8'
MRBSS1451B	Polished	12'



Stainless Steel Finishing Molding for Inside Corner

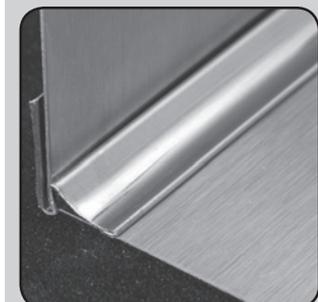
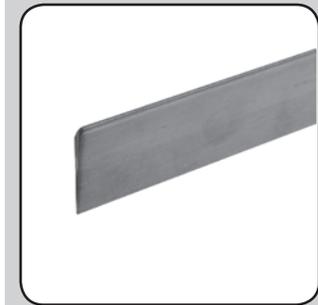
- Inside corner molding for 1/16" coating. Use as a cove or an inside corner molding. Used with metal or laminate sheets where a corner or seam needs to be concealed

Sold by length

PRODUCT	FINISH	THICKNESS	LENGTH
MRBSS1442B	Polished	1/16"	12'



Richelieu Section 21B



- 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
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- 21 BUILDERS HARDWARE

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Stainless Steel Moldings

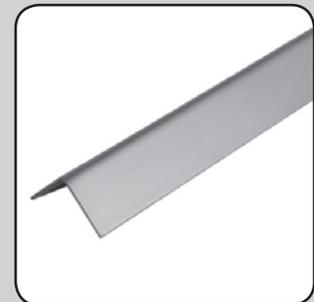
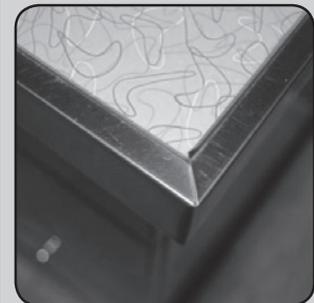
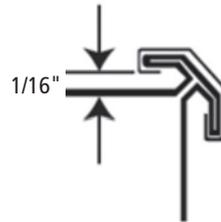
Richelieu Section 21B

Stainless Steel Outside Corner Finishing Molding

- Outside corner trim finish for materials 1/16"

Sold by length

PRODUCT	FINISH	THICKNESS	LENGTH
MRBSS1452B	Polished	1/16"	12'

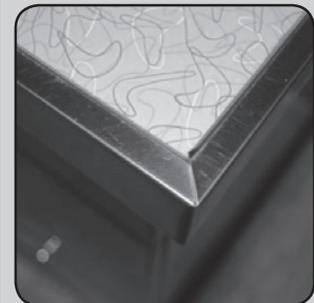
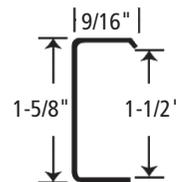


Stainless Steel Snap-On Molding

- Snap-on countertop molding fits on the front of a countertop or shelf for a clean finished look

Sold by length

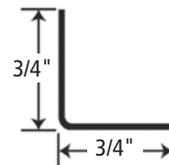
PRODUCT	FINISH	HEIGHT	WIDTH	LENGTH
MRBSS806B	Polished	1-5/8"	9/16"	12'



Stainless Steel Angle

Sold by length

PRODUCT	FINISH	HEIGHT	WIDTH	THICKNESS	LENGTH
MRBSS369B	Polished	3/4"	3/4"	1/16"	12'

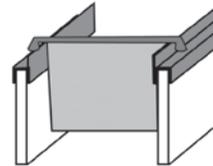
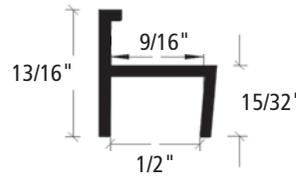


Builders Hardware | Functional Moldings

Plastic File Holder Molding

Sold by length

PRODUCT	FINISH	WIDTH	LENGTH
124230	White	1/2"	8'
124290	Black	1/2"	8'
141230	White	5/8"	8'
141290	Black	5/8"	8'
58890	Black	5/8"	8'



PVC Drawer Molding Support

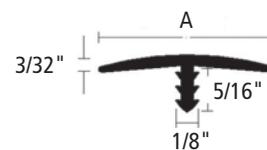
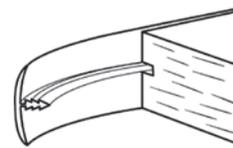
Sold by length

PRODUCT	FINISH	WIDTH	LENGTH
1371890	Black	1/2"	8'

Flexible PVC T-Molding

Sold by roll

PRODUCT	FINISH	WIDTH (A)	LENGTH
114125105	Light Gray	1-1/4"	125 linear foot
11412530	White	1-1/4"	125 linear foot
11412590	Black	1-1/4"	125 linear foot
34125105	Light Gray	3/4"	175 linear foot
3412530	White	3/4"	175 linear foot
3412560	Brown	3/4"	175 linear foot
3412590	Black	3/4"	175 linear foot
58125105	Light Gray	5/8"	175 linear foot
5812530	White	5/8"	175 linear foot
5812590	Black	5/8"	175 linear foot

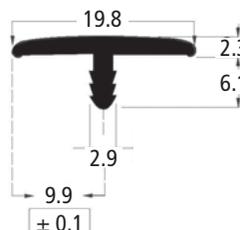


Aluminum PVC T-Molding

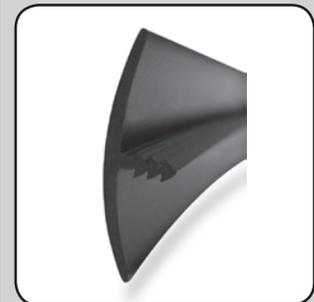
- Rigid PVC covered with anodized aluminum sheet

Sold by length

PRODUCT	WIDTH	LENGTH
88816510	5/8"	8'



Richelieu Section 21C



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

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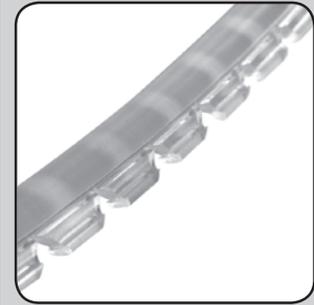
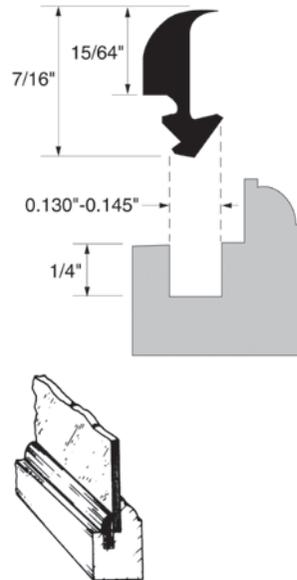
Page 21C1

Glass Door Retainer Molding

- Made of flexible vinyl. Supplied in continuous rolls. May be mitered with standard tools
- Cuts easily with knife or shears
- No nails or touch-ups required
- Holds and cushions glass panel; eliminates rattling

Sold by roll

PRODUCT	FINISH	LENGTH
1001711	Clear	500 linear foot
1001760	Dark Brown	500 linear foot
1021511	Clear	1000 linear foot
1021534	Off White	1000 linear foot
1021560	Dark Brown	1000 linear foot
1021590	Black	1000 linear foot
1021500	Fruitwood	1000 linear foot



Builders Hardware | Tubular Hardware

Tubing

- Ideal for handrails, footrails, curtain rods, etc
- Each unit covered with a protective coating

Sold by length

	PRODUCT	FINISH	Ø	MATERIAL	LENGTH
	01106130	Brass	1-1/2"	Solid Brass	6'
	01108130		1-1/2"	Solid Brass	8'
	01206130		2"	Solid Brass	6'
	01208130		2"	Solid Brass	8'
	01106170	Brushed Stainless Steel	1-1/2"	Stainless Steel	6'
	01108170		1-1/2"	Stainless Steel	8'
	01208170		2"	Stainless Steel	8'

Standard Handrail Brackets

- Fittings are supplied with self-drilling, self-tapping hardware
- Mount brackets to stud in wall
- Maximum spacing between brackets is 4 feet
- Material: Solid Brass
- Finish: Brass (except 301112170 and 3012170 - Brushed Stainless Steel)

Sold by unit

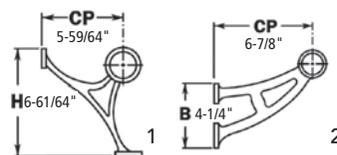
	PRODUCT	DESCRIPTION	APPLICATION	WIDTH	HEIGHT
	301112130	Standard Handrail Bracket	For 1-1/2" Diameter Tubes	2-1/2"	2-1/2"
	301112170		For 1-1/2" Diameter Tubes	2-1/2"	2-1/2"
	3012130		For 2" Diameter Tubes	2-1/2"	2-1/2"
	3012170		For 2" Diameter Tubes	2-1/2"	2-1/2"

Combination Brackets

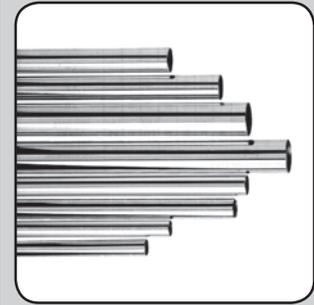
- Fittings are supplied with self-drilling, self-tapping hardware
- Maximum spacing between brackets is 4 feet
- Material: Solid Brass and Stainless Steel*
- Finish: Brass and Brushed Stainless Steel*

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	WIDTH	HEIGHT
	400112130	Combination Bracket	For 1-1/2" Diameter Tubes	6-1/4"	6-7/32"
	400112170*		For 1-1/2" Diameter Tubes	6-7/16"	6-5/8"
	4002130		For 2" Diameter Tubes	5-29/32"	6-30/32"
	4002170*		For 2" Diameter Tubes	6-1/8"	7-1/32"
	402112130	Bar Mount Bracket	For 1-1/2" Diameter Tubes	6-1/16"	3-7/8"
	402112170*		For 1-1/2" Diameter Tubes	6-1/16"	3-7/8"
	4022130		For 2" Diameter Tubes	6-7/8"	4-1/4"
	4022170*		For 2" Diameter Tubes	6-7/8"	4-1/4"



Richelieu Section 21D



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Builders Hardware | Tubular Hardware

Richelieu Section 21D

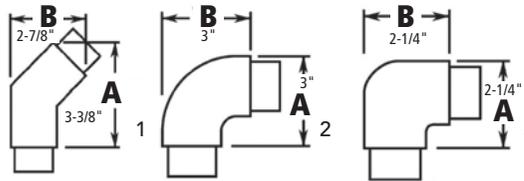
Flush Radius Elbows

Get a streamlined look with flush handrail fittings. These components ensure simple assembly and enough flexibility to suit any project. Our line of flush handrail fittings features a 1" sleeve the longest in the industry for added strength and adhesive coverage. Note: Handrail fittings come with self-drilling/self-tapping hardware.

- Material: Solid Brass and Stainless Steel*
- Finish: Solid Brass and Brushed Stainless Steel

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	HEIGHT (A)	WIDTH (B)
1	730112130	135° Flush Elbow	For 1-1/2" Diameter Tubes	3"	2-15/16"
	730112170*		For 1-1/2" Diameter Tubes	3"	2-15/16"
	7302130		For 2" Diameter Tubes	3-3/8"	2-7/8"
2	731112130	90° Flush Radius Elbow	For 1-1/2" Diameter Tubes	2-7/8"	2-7/8"
	7312130		For 2" Diameter Tubes	3"	3"
3	732112130	90° Flush Elbow	For 1-1/2" Diameter Tubes	2-1/4"	2-1/4"
	732112170*		For 1-1/2" Diameter Tubes	2-1/4"	2-1/4"
	7322170		For 2" Diameter Tubes	2-1/2"	2-1/2"

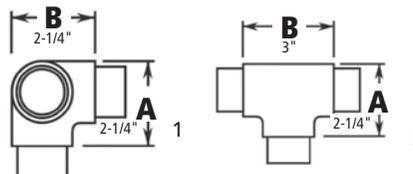


Outlet Tee

- Handrail fittings come with self-drilling/self-tapping hardware
- Material: Solid Brass and Stainless Steel*
- Finish: Brass and Brushed Stainless Steel*

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	HEIGHT (A)	WIDTH (B)
1	733112130	Flush Side Outlet Elbow	For 1-1/2" Diameter Tubes	2 1/4"	2 1/4"
2	734112130	Flush Tee	For 1-1/2" Diameter Tubes	2 1/4"	3"
	734112170*		For 1-1/2" Diameter Tubes	2 1/4"	3"



Builders Hardware | Tubular Hardware

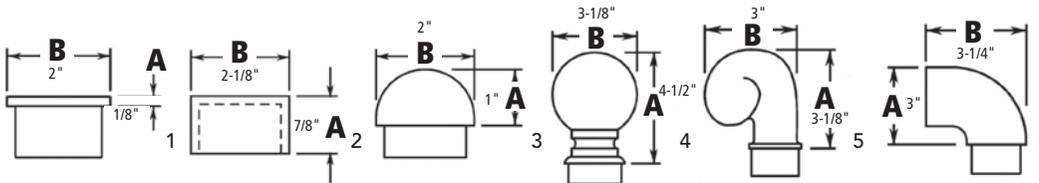
Finials

Features a variety of decorative and functional rail end caps and finials to complete your railing project. Our end caps and finials are designed to provide a beautiful finishing touch.

- Fittings come with self-drilling/self-tapping hardware
- Material: Solid Brass and Stainless Steel*
- Finish: Brass and Brushed Stainless Steel*

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	HEIGHT (A)	WIDTH (B)
1	048112130	Flush End Cap	For 1-1/2" Diameter Tubes	1/8"	1-1/2"
	048112170*		For 1-1/2" Diameter Tubes	1/8"	1-1/2"
	0482130		For 2" Diameter Tubes	1/8"	2"
2	600112130	Flush End Cap for Wood Rail	For 1-1/2" Diameter Tubes	7/8"	1-5/8"
	6002130		For 2" Diameter Tubes	7/8"	2-1/8"
3	602112130	Half-Ball End Cap	For 1-1/2" Diameter Tubes	3/4"	1-1/2"
	602112170*		For 1-1/2" Diameter Tubes	3/4"	1-1/2"
	6022130		For 2" Diameter Tubes	1"	2"
4	604112130	Ball Finial	For 1-1/2" Diameter Tubes	3-1/4"	2-3/8"
	604112170*		For 1-1/2" Diameter Tubes	3-1/4"	2-3/8"
	6042130		For 2" Diameter Tubes	4-1/2"	3-1/8"
5	606112130	Scroll Finial	For 1-1/2" Diameter Tubes	2-7/8"	2-3/4"
	6062130		For 2" Diameter Tubes	3-1/8"	3"
6	608112130	Radius Wall Return	For 1-1/2" Diameter Tubes	2-3/4"	3"
	608112170		For 1-1/2" Diameter Tubes	2-3/4"	3"
	6082130		For 2" Diameter Tubes	3"	3-1/4"

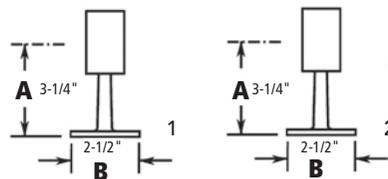


Flush and Ball Posts

- Fittings are supplied with self-drilling, self-tapping hardware. – Mount brackets to stud in wall. – Maximum spacing between brackets is 4 feet
- Material: Solid Brass and Stainless Steel*
- Finish: Brass and Brushed Stainless Steel*

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	HEIGHT (A)	WIDTH (B)
1	340112130	Flush End Post	For 1-1/2" Diameter Tubes	2-7/16"	2-5/16"
	3402130		For 2" Diameter Tubes	3-1/4"	2-1/2"
	340112170	Brushed	For 1-1/2" Diameter Tubes	2-7/16"	2-5/16"
2	342112130	Flush Center Post	For 1-1/2" Diameter Tubes	2-7/16"	2-5/16"
	342112170*		For 1-1/2" Diameter Tubes	2-7/16"	2-5/16"
	3422130		For 2" Diameter Tubes	3-1/4"	2-1/2"



Richelieu Section 21D



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Builders Hardware

Tubular Hardware

Richelieu Section 21D

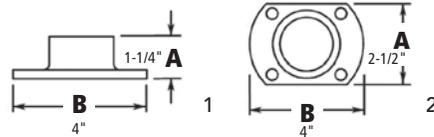
Wall Flanges

Flanges provide numerous mounting solutions for railing projects including wall mounting handrails, floor mounting footrails, as well as angle, adjustable, socket, square, cut and cubicle mounting for special architectural railing projects.

- Material: Solid Brass and Stainless Steel*
- Finish: Brass and Brushed Stainless Steel*

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	HEIGHT (A)	WIDTH (B)
1	510112130	Wall Flange	For 1-1/2" Diameter Tubes	1-1/16"	3"
	510112170*		For 1-1/2" Diameter Tubes	1-1/16"	3"
	5302130		For 2" Diameter Tubes	1-1/4"	4"
	5302170*		For 2" Diameter Tubes	1-1/4"	4"
2	511112130	Cut Wall Flange	For 1-1/2" Diameter Tubes	2"	3"
	5312130		For 2" Diameter Tubes	2-1/2"	4"

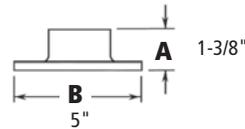


Floor Flanges

- Material: Solid Brass and Stainless Steel*
- Finish: Brass and Brushed Stainless Steel*

Sold by unit

	PRODUCT	DESCRIPTION	APPLICATION	HEIGHT (A)	WIDTH (B)
	532112130	Floor Flange	For 1-1/2" Diameter Tubes	1-3/8"	5"
	5322130		For 2" Diameter Tubes	1-3/8"	5"

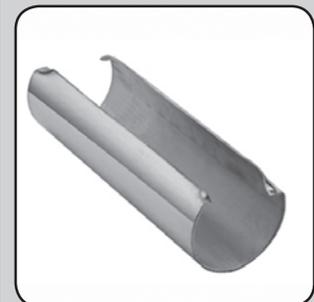


Steel Sleeve

- Material: Brass
- Finish: Brass

Sold by unit

PRODUCT	APPLICATION
830112130	For 1-1/2" diameter tube
8302130	For 2" diameter tube





e³ environmental ceramicsteel™

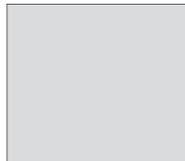
Writing Surfaces by PolyVision

The new e³ environmental ceramicsteel surface is the first and only ecologically intelligent whiteboard surface to receive Cradle to Cradle certification, and PolyVision's fourth generation of ceramicsteel writing surfaces. e³™ delivers the properties of PolyVision's best selling writing surface, P³ ceramicsteel®, and complies with Cradle to Cradle™ Silver certification criteria, which places a major emphasis on the human and ecological health impacts of a product's ingredients. For over five decades, millions of boards have been produced around the world using PolyVision ceramicsteel. PolyVision used this cross section of consumers to gather the information that helped determine what the next generation of writing surfaces should provide. Our internationally renowned R&D team worked with experts in the field of ceramics and technology to create e³ environmental ceramicsteel surface - the new industry standard for superior quality.

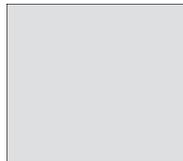
e³ Surface – High-Gloss and Low-Gloss* Markerboards



WHITE
 High Gloss 6100e³H
 Low Gloss 6100e³L



LIGHT GRAY
 High Gloss 6101e³H
 Low Gloss 6101e³L



BEIGE
 High Gloss 6102e³H
 Low Gloss 6102e³L

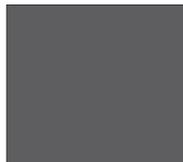
e³ Surface – Ultra Matte Chalkboards



GREEN
 Ultra Matte 6500e³U



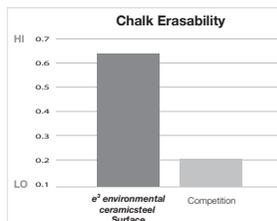
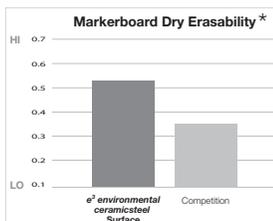
BLACK
 Ultra Matte 6501e³U



GRAY
 Ultra Matte 6502e³U

* There are characteristic and performance differences between High-Gloss and Low-Gloss. For further detail, refer to the chart on the backside of this card under Low-Gloss Markerboards. For additional questions, specifications, and sample color chips, please call 1.800.620.POLY.

Actual colors may vary from the colors shown.
 Please contact your sales representative for color samples.



The ultra-smooth finish enables dry markers and chalk to glide easily across the e³ environmental ceramicsteel surface with minimal friction. The surface smoothness allows more dry-erase ink and chalk to be removed, improving erasability and eliminating "ghost writing."

*All markerboard erasability tests were conducted using High-Gloss e³ environmental ceramicsteel surfaces.

Environmental Features

- Enamel fused to cold-rolled enamelling-grade steel
- In all coatings, the total amount of heavy metals cadmium, mercury, hexavalent chromium, and lead is less than 0.1%
- All coatings are free of arsenic and antimony
- No Volatile Organic Compounds (VOCs)
- Steel core is made from minimum 30% post-consumer and post-industrial waste
- e³ environmental ceramicsteel surface is 99% recyclable



PolyVision Ceramicsteel Advantage

- Ultra-smooth writing surface
- Improved erasability
- Greater color contrast
- Significantly less surface/light distortion
- Optimum eye comfort
- Enhanced visibility
- Reduced chalk pressure, greater adherence
- Increased chalk/surface contrast



POLYVISION
 A Steelcase Company

CCRM 2018

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Building Specialties

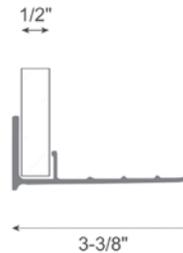
White Boards

Richelieu Section 21E

Porcelain Magnetic White Boards

- Hard-as-glass porcelain enamel surface
- Produces no dust, ideal for computer rooms
- Excellent for colorful presentations
- Strong, durable surface is easy to write on and easy to erase
- Will not stain or discolor
- Magnetic surface
- 50-year warranty on writing surface
- Complete with mounting hardware
- Can be used as a projection screen
- Custom sizes available by special order

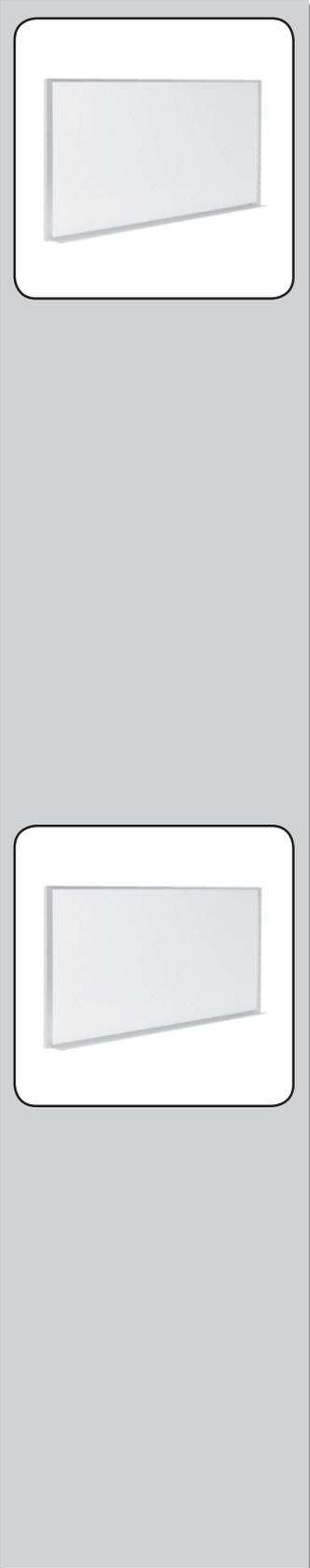
PRODUCT	FRAMED	WIDTH	HEIGHT	QTY/BOX
MB3004430	Yes	4' (1.22 m)	4' (1.22 m)	1
MB3006430	Yes	6' (1.83 m)	4' (1.22 m)	1
MB3008430	Yes	8' (2.44 m)	4' (1.22 m)	1
MBB1230	No	8' (2.44 m)	4' (1.22 m)	1
MB30012430	Yes	12' (3.66 m)	4' (1.22 m)	1



Non-Magnetic White Boards

- Economical "non magnetic" surface
- Sold by the sheet 4 x 8
- 1/4" thick painted MDF
- No trim or fasteners

PRODUCT	FRAMED	WIDTH	HEIGHT	QTY/BOX
NB3002330	Yes	3' (914 mm)	2' (610 mm)	1
NB3003430	Yes	3' (914 mm)	4' (1.22 m)	1
NB3004430	Yes	4' (1.22 m)	4' (1.22 m)	1
NB3005430	Yes	5' (1.52 m)	4' (1.22 m)	1
NB3006430	Yes	6' (1.83 m)	4' (1.22 m)	1
NB3008430	Yes	8' (2.44 m)	4' (1.22 m)	1
NBB1230	No	8' (2.44 m)	4' (1.22 m)	1



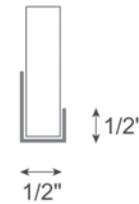
Building Specialties

Tack Boards

Krommenie Boards

- Homogenous uni-colored surface in resilient, tackable natural linoleum
- Available in popular color ranges
- Easy to clean
- Self-healing vinyl
- Attractive aluminum frame
- Complete with mounting hardware
- Custom sizes available by special order
- With frame

PRODUCT	FINISH	WIDTH	HEIGHT	QTY/BOX
KB300642186	Beige	6' (1.83 m)	4' (1.22 m)	1
KB300442067	Desert Sand	4' (1.22 m)	4' (1.22 m)	1
KB300442166	Mocha	4' (1.22 m)	4' (1.22 m)	1
KB300442201	Rust	4' (1.22 m)	4' (1.22 m)	1
KB300442187	Bamboo	4' (1.22 m)	4' (1.22 m)	1
KB300442182	Wild Mushroom	4' (1.22 m)	4' (1.22 m)	1
KB300442203	Sage	4' (1.22 m)	4' (1.22 m)	1
KB300442202	Charcoal	4' (1.22 m)	4' (1.22 m)	1
KB300442162	Stone Wall	4' (1.22 m)	4' (1.22 m)	1
KB300442185	Bali Blue	4' (1.22 m)	4' (1.22 m)	1
KB300442204	Smokey Gray	4' (1.22 m)	4' (1.22 m)	1
KB300442205	Midnight Blue	4' (1.22 m)	4' (1.22 m)	1



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CCRM 2018

Building Specialties

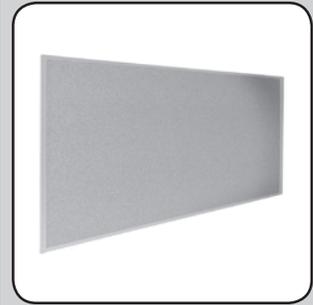
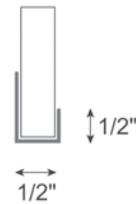
Cork Boards

Richelieu Section 21E

Cork Boards

- Practical tackboard with excellent tackability
- Easy to clean
- Self-healing cork
- Complete with mounting hardware
- 0.8 mm cork laminated to 1/2" fibreboard
- Finish: Natural

PRODUCT	FRAMED	WIDTH	HEIGHT	QTY/BOX
CT30022	Yes	2' (610 mm)	2' (610 mm)	1
CT30044	Yes	4' (1.22 m)	4' (1.22 m)	1
CT30064	Yes	6' (1.83 m)	4' (1.22 m)	1
CT30084	Yes	8' (2.44 m)	4' (1.22 m)	1
CTB716	No	8' (2.44 m)	4' (1.22 m)	1



Cork Roll

- Practical tackboard
- Excellent tackability
- Easy to clean
- Self-heal cork
- Ideal for custom jobs
- Can be laminated to radius surfaces

PRODUCT	WIDTH	LENGTH	THICKNESS	QTY/BOX
18065425	4' (1.2 m)	25' (7.6 m)	3-16" (5 mm)	1
18065450	4' (1.2 m)	50' (15.24 m)	3-16" (5 mm)	1
180654118	4' (1.2 m)	118' (35.9 m)	3-16" (5 mm)	1



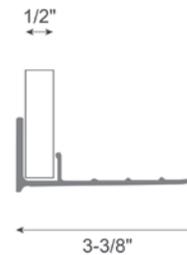
Building Specialties

Chalkboard

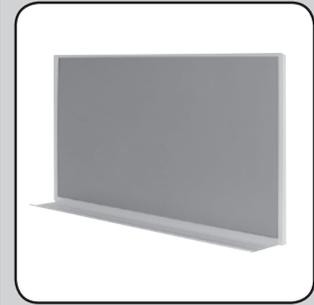
Chalkboard

- Easy to write on
- Easy to erase
- Durable and resistant to scratches and dents
- Magnetic surface
- Full length chalk rail
- Aluminum trim
- Complete with mounting hardware (Green Chalkboard)
- Custom size available through special order

PRODUCT	FINISH	FRAME	WIDTH	HEIGHT	QTY/BOX
CB30022	Green	Yes	2' (610 mm)	2' (610 mm)	1
CB3002290	Black	Yes	2' (610 mm)	2' (610 mm)	1
CB30044	Green	Yes	4' (1219 mm)	4' (1219 mm)	1
CB3004490	Black	Yes	4' (1219 mm)	4' (1219 mm)	1
CB30064	Green	Yes	6' (1829 mm)	4' (1219 mm)	1
CB3006490	Black	Yes	6' (1829 mm)	4' (1219 mm)	1
CB30084	Green	Yes	8' (2438 mm)	4' (1219 mm)	1
CB3008490	Black	Yes	8' (2438 mm)	4' (1219 mm)	1
CBB12	Green	No	8' (2438 mm)	4' (1219 mm)	1
CBB1290	Black	No	8' (2438 mm)	4' (1219 mm)	1



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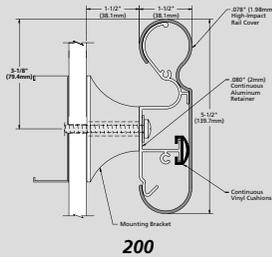
NELPLAS™

Handrails



Handrail 200: 5-1/2" handrail with thumb grip.

- End returns available as rigid plastic or exclusive foam cushion.
- Black reveals are standard at end and corner caps.

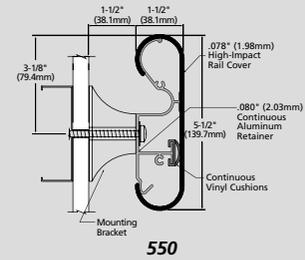


200



Handrail 550: 5-1/2" bumper handrail provides high-impact wall protection.

- End returns available as either rigid plastic or exclusive foam cushion.
- Available with 2" (50.8mm) accent strip (550AC).

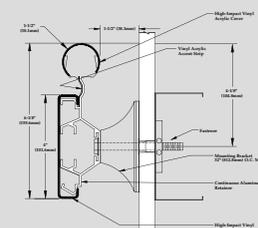


550



Handrail 600: 5-1/2" handrail provides support in medium- to high-impact areas.

- Rigid plastic end returns match color and texture of rail.
- Vinyl covers available in a variety of colors. Contact your local **NELPLAS™** representative for color availability.



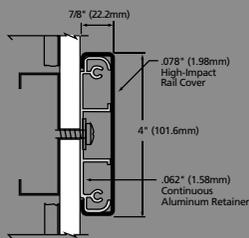
600

Crash Rails



Crash Rail 470: Wall protection with a simple design element and a variety of mounting options to meet every impact need.

- Available with mounting cushions or brackets.
- Economy model available for low- to medium-impact environments.
- Available with 2" (50.8mm) accent strip (470AC).

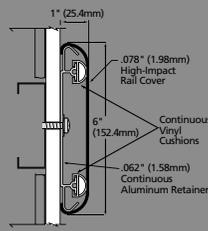


470



Crash Rail 670: A larger surface provides more area of protection with great aesthetics.

- Available with mounting cushions.
- Economy model available for low- to medium-impact environments.
- Available with 2" (50.8mm) accent strip (670AC).

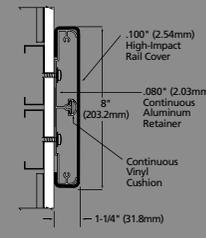


670



Crash Rail 810: The ultimate in high-impact protection; highest strength and heaviest profile available.

- Available with mounting cushions or brackets.
- Economy models available for medium-impact environments.



810

NELPLAS™

Crash Rails



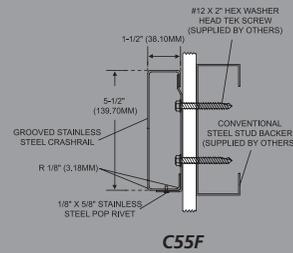
Crash Rail C55F: Stainless steel rail with medium- to high-impact resistance.

- 5-1/2", 16-gauge stainless steel crash rail
- Exclusive connector plates and variety of mounting options

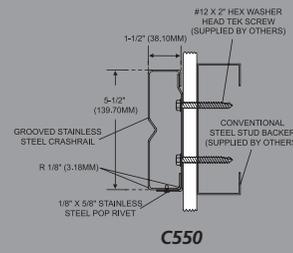


Crash Rail C550: Modern appeal with unique v-groove accent.

- 5-1/2", 16-gauge stainless steel crash rail
- Exclusive connector plates and variety of mounting options



C55F

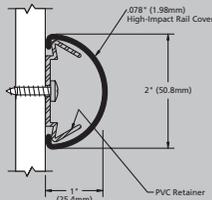


C550

Bumper Guards



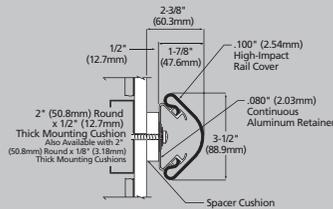
Bumper Guard 300: Full-length vinyl cover with an economical PVC retainer. Best suited for lighter-impact areas.



300



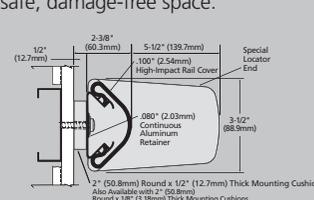
Bumper Guard 400: Versatile mounting options offer design flexibility while providing protection from carts and beds.



400



Bumper Guard 450: Combine the durable construction of the 400 with a special locator end, and beds are positioned in a safe, damage-free space.

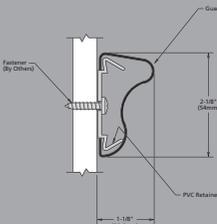


450

Chair Rail



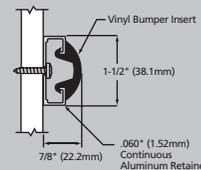
Chair Rail 125: Simple design element with economical construction to meet special wall protection needs. Best suited for lighter-impact areas.



125



Bumper Guard 700: A decorative, streamlined bumper guard that protects walls while blending in with your overall décor.



700

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

NELPLAS™



Corner Guard ARN-10

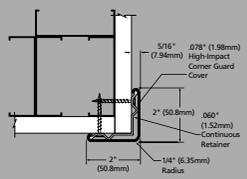


Corner Guard ARN-20

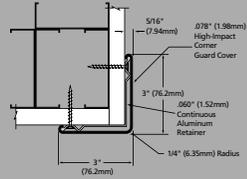


Corner Guard S-350

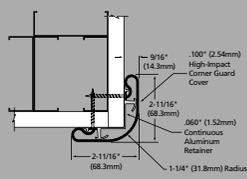
With a continuous aluminum retainer and a formidable vinyl cover, **NELPLAS™** surface-mounted corner guards end the unsightly damage of peeling, gouged, and battered corners. Depending on performance needs, corner guards are designed for light-, medium-, or high-impact protection.



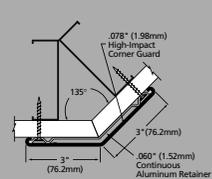
ARN-10



ARN-20



S-350



ARN-20-135

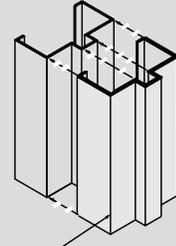
Door & Frame Protection



Door Knob Protector



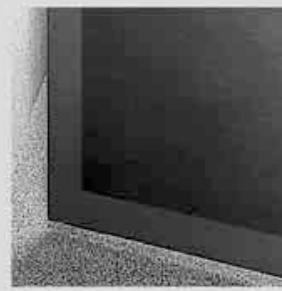
Door Frame Protector



Thermoformed
 NELPLAST™
 .040" (1.02mm) or
 .060" (1.52mm)
 Thick Custom-
 Formed to Fit
 Specific Door
 Frames



Door Guard



Kickplate

NELPLAS™
 Wall Protection Systems

**Thermoformed & Extruded
 Corner Guards**



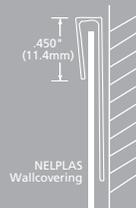
**Thermoformed
 Corner Guards**

**Extruded
 Corner Guards**

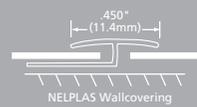
Easy to install, thermoformed and extruded corner guards provide light to medium protection with subtle aesthetics. Thermoformed corner guards are available in a variety of thicknesses and wing sizes.

NELPLAS™ Moldings

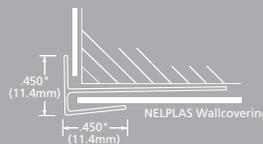
J-Molding



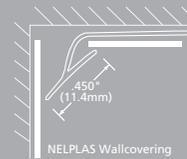
Divider Bar



Outside Corner



Inside Corner

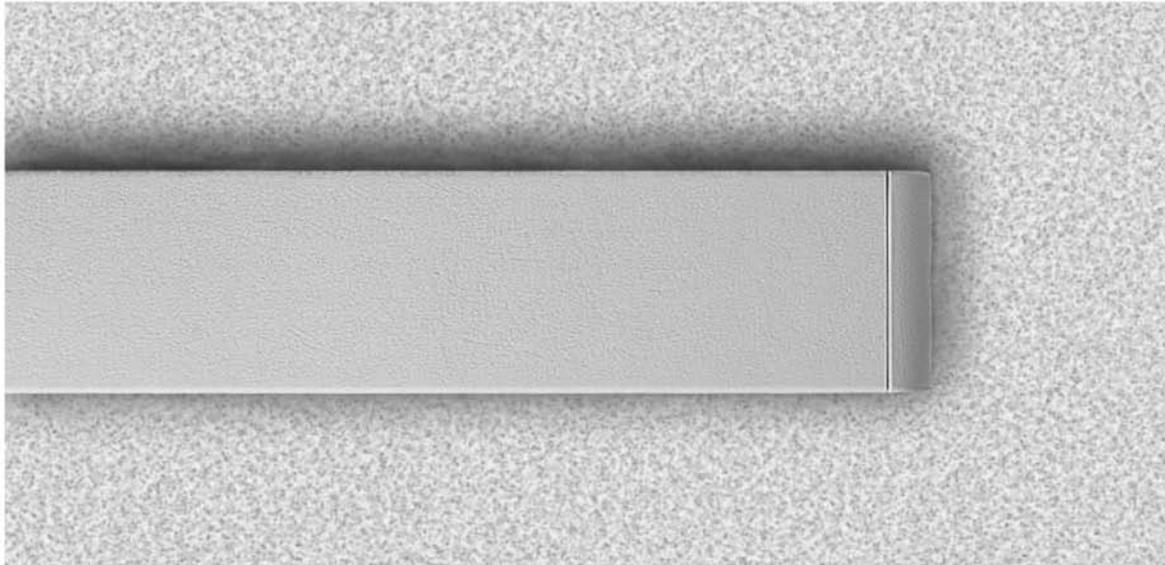


Protective Wallcovering Sheet

Designed to coordinate with an array of interior design schemes, **NELPLAS™** protective wallcoverings are available in **36 standard colors, 15 non-standard colors, and unlimited custom colors.** Standard and non-standard colors can be purchased in your choice of five thicknesses; non-standard colors are subject to minimum quantities and lead times. Standard colors ship within three business days from receipt of approved order. Please contact your local distributor for more information on non-standard colors and custom colors and textures.

**CONTACT YOUR LOCAL SALES REP
 FOR ACCURATE COLOR SAMPLES**

- 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

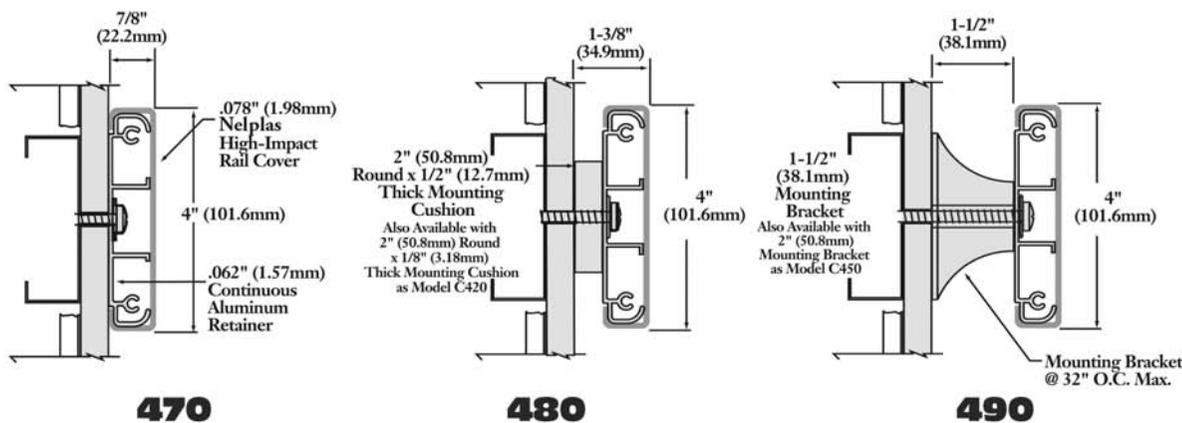


NELPLAS 470-Series Crash Rails are 4" (101.6mm) high with a continuous aluminum retainer. 470-Series Crash Rails combine a simple design element and a variety of mounting options to meet every impact need. **NELPLAS** rugged durability makes 470-Series Crash Rails best suited for medium- to high-impact areas.

470 SERIES	ACCESSORY ITEMS
470E	Standard End Cap
470C	90° Corner Cap
470D	135° Corner Cap
470S	Splice Kit
485E	Extended End Cap

NELPLAS 470-Series Crash Rails are backed by a limited five-year warranty. All Crash Rails are Class I/A fire rated and meet national building code standards. All **NELPLAS** linear profiles color-coordinate with a multitude of **NELPLAS**® Wallcoverings for a systems approach to wall protection.

For more information on **NELPLAS** Crash Rails or the **NELPLAS** Wall Protection System, please call your local **NELPLAS** distributor or 800-628-0449.



Product Guide Specification

SECTION 10 26 00
CRASH RAILS

PART 1 GENERAL

1.01 SECTION INCLUDES

4" (101.6mm) Crash Rails.

1.02 SUBMITTALS

- A. Comply with requirements of Section 01 33 00 - Submittals.
- B. Product Data: Submit manufacturer's product data.
- C. Shop Drawings: Submit shop drawings showing components, dimensions, and anchorage details.
- D. Samples: Submit 12" (304.8mm) long sample of each model and color specified, including end caps and corner units for Architect's approval.
- E. Certification: Submit manufacturer's certification indicating compliance with ADA requirements.

1.03 QUALITY ASSURANCE

Comply with NFPA 101® for interior finish materials. Smoke developed less than 450 and flame spread of 25 or less in accordance with ASTM E 84.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly indicating manufacturer and material.
- B. Storage: Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer's instructions.
- C. Handling: Protect materials during handling and installation to prevent damage.

PART 2 PRODUCTS

2.01 MANUFACTURER

Nelplas Wall Protection Systems
A Division of RJF International Corporation

2.02 CRASH RAILS

Nelplas "Nelplas" 470-Series Crash Rail:
Crash Rail mounted over continuous aluminum retainer.
Exposed surface shall be free of wrinkling, chipping, and discoloration.

1. Dimensions:

- a. Height: 4" (101.6mm).
- b. Width: 7/8" (22.2mm).
- c. Clearance from Wall: [Model 470, flush with wall] [Model 475, 1/8" (3.18mm)] [Model 480, 1/2" (12.7mm)] [Model 490 1-1/2" (38.1mm)] [Model 485, 2" (50.8mm)].

2. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.078" (1.98mm) thick. Class I/A fire rating, tested in accordance with ASTM E 84.

3. Extrusion: Pebble grain finish. Contains EPA registered Micro-Chek antimicrobial agent.

4. Retainer: Minimum 0.062" (1.57mm) thick 6063-T6 aluminum.

5. End Caps: Injection molded preassembled wall return unit of color and texture similar to that of rail.

6. Corners: Internal and External corner units of similar material to end cap units. Carry line of Crash Rail continuously around corner, unless otherwise indicated on drawings.

7. Color: Color to be selected by Architect from manufacturer's standard colors.

PART 3 EXECUTION

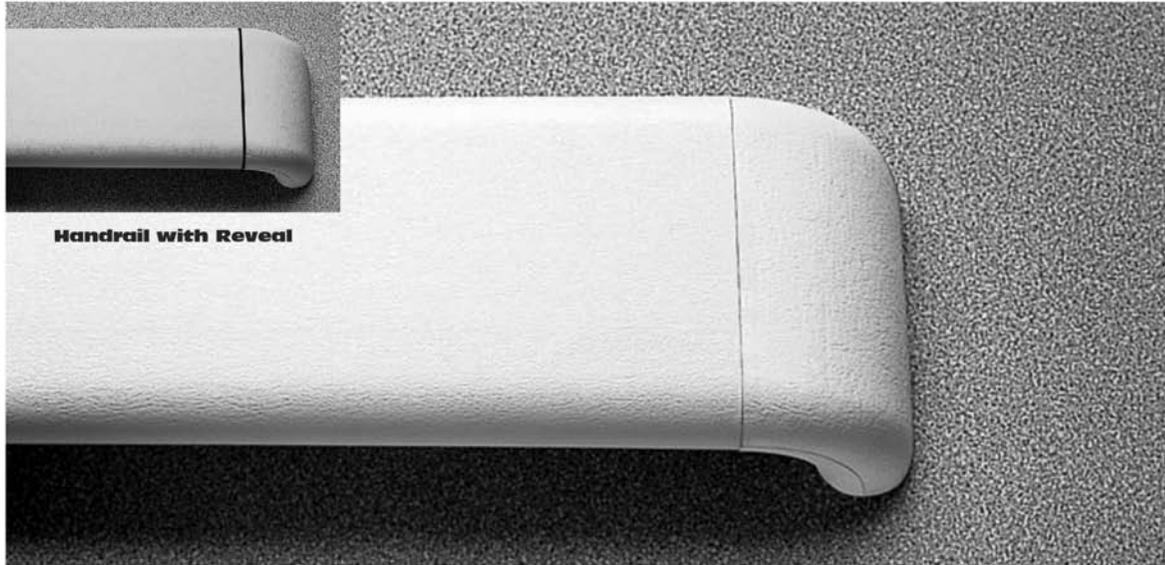
3.01 EXAMINATION

Inspect wall surfaces to receive Crash Rails. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

- A. Install Crash Rails to walls securely in accordance with manufacturer's written instructions.
- B. Install Crash Rails accurately in location, alignment, and elevation.
- C. Provide horizontal steel stud back-up in drywall stud cavity to accept fasteners.

- 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
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- 18 TOOLS AND SECURITY
- 19 FINISHING PRODUCTS AND ABRASIVES
- 20 COMMERCIAL DISPLAY AND HARDWARE

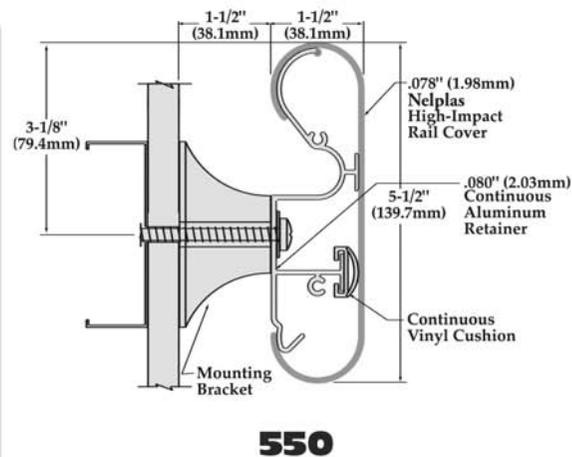


The **NELPLAS**® 550 Handrail is a 5-1/2" (139.77mm) rail with a full-length vinyl bumper and continuous aluminum retainer. With sturdy mounting brackets maintaining wall clearance and stability, the 550 Handrail provides support in medium- to high-impact areas. End and corner caps are available either as patented foam cushion or as rigid plastic. Optional reveals, available for both foam cushion and rigid plastic end and corner caps, provide additional design options.

The **NELPLAS** 550 Handrail conforms to current ADA regulations and is backed by a limited five-year warranty. All Handrails are Class I/A fire-rated and meet national building code standards.

For more information on **NELPLAS** Handrails or the **NELPLAS** Wall Protection System, please call your local **NELPLAS** distributor or 800-628-0449.

550	ACCESSORY ITEMS
550E	End Cap (Foam Cushion)
550C	90° Corner Cap (Foam Cushion)
550D	135° Corner Cap (Foam Cushion)
550S	Splice Kit
550ER	End Cap (Foam Cushion) w/Reveal
550CR	90° Corner Cap (Foam Cushion) w/Reveal
550DR	135° Corner Cap (Foam Cushion) w/Reveal
553E	Rigid End Cap (Plastic)
553C	90° Rigid Corner Cap (Plastic)
553D	135° Rigid Corner Cap (Plastic)
553ER	Rigid End Cap (Plastic) w/Reveal
553CR	90° Rigid Corner Cap (Plastic) w/Reveal
553DR	135° Rigid Corner Cap (Plastic) w/Reveal



Product Guide Specification

SECTION 10 26 00
HANDRAILS

PART 1 GENERAL

1.01 SECTION INCLUDES

5-1/2" (139.7mm) Handrail/Bumper Systems.

1.02 SUBMITTALS

- A. Submit in accordance with Section 01 33 00 - Submittals.
- B. Product Data: Submit manufacturer's product data.
- C. Shop Drawings: Submit shop drawings showing components, dimensions, and anchorage details.
- D. Samples: Submit for approval 12" (304.8mm) long sample for each model, color, and finish specified, including end caps and corner units.
- E. Test Reports: Submit manufacturer's test reports and certification indicating compliance with applicable ADA and building code requirements.

1.03 QUALITY ASSURANCE

Comply with NFPA 101® for interior finish materials. Smoke developed less than 450 and flame spread of 25 or less in accordance with ASTM E 84.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry location, protected against damage of any kind.
- C. Handling: Protect materials during handling and installation to prevent damage.

PART 2 PRODUCTS

2.01 MANUFACTURER

Nelplas Wall Protection Systems
A Division of RJF International Corporation

2.02 HANDRAIL/BUMPER SYSTEMS

NELPLAS 550 Handrail: Handrail mounted over continuous aluminum retainer and full-length vinyl bumper cushion with mounting brackets maintaining wall clearance. Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.

1. Dimensions

- a. Height: 5-1/2" (139.7mm).
- b. Width: 1-1/2" (38.1mm).
- c. Clear Space from Wall: 1-1/2" (38.1mm).

2. Profile: High-impact vinyl acrylic extrusion locked in place, nominal 0.078" (1.98mm) thick. Class I/A fire rating, when tested in accordance with ASTM E 84.

3. Extrusion: Pebble grain finish. Contains EPA-registered Micro-Chek antimicrobial agent.

4. Retainer: Continuous 6063-T6 aluminum retainer along entire length of Handrail/Bumper, minimum 0.080" (2.03mm) thick.

5. End Caps: [Foam cushion] [Rigid plastic] wall return unit of color and texture similar to that of rail.

6. Corners: Internal and external corner units of similar material to end cap units. Carry line of Handrail/Bumper continuously around corner unless otherwise indicated on drawings.

7. Optional Reveal: Black 1/8" (3.2mm) wide flexible PVC insert between profile cover and end cap/corner provides aesthetic design option.

PART 3 EXECUTION

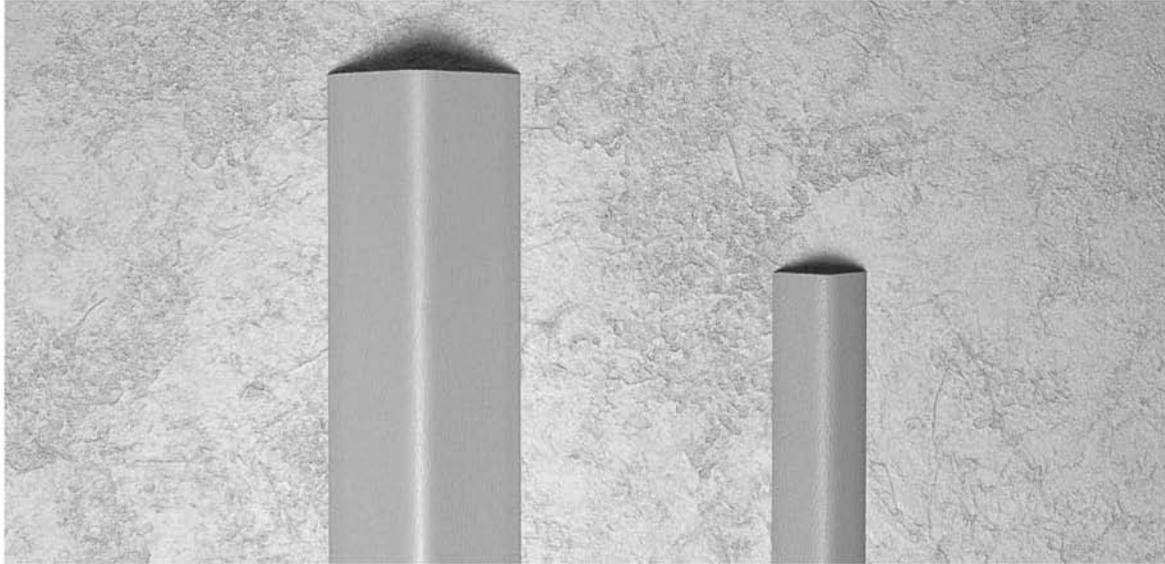
3.01 EXAMINATION

Verify by examination that wall surfaces are acceptable to receive the specified Handrail/Bumper Systems. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

- A. Install Handrail/Bumper Systems to wall securely in accordance with manufacturer's written instructions.
- B. Install Handrail/Bumper Systems accurately in location, alignment, and elevation.
- C. Provide horizontal steel stud back-up in drywall stud cavity to accept fasteners.

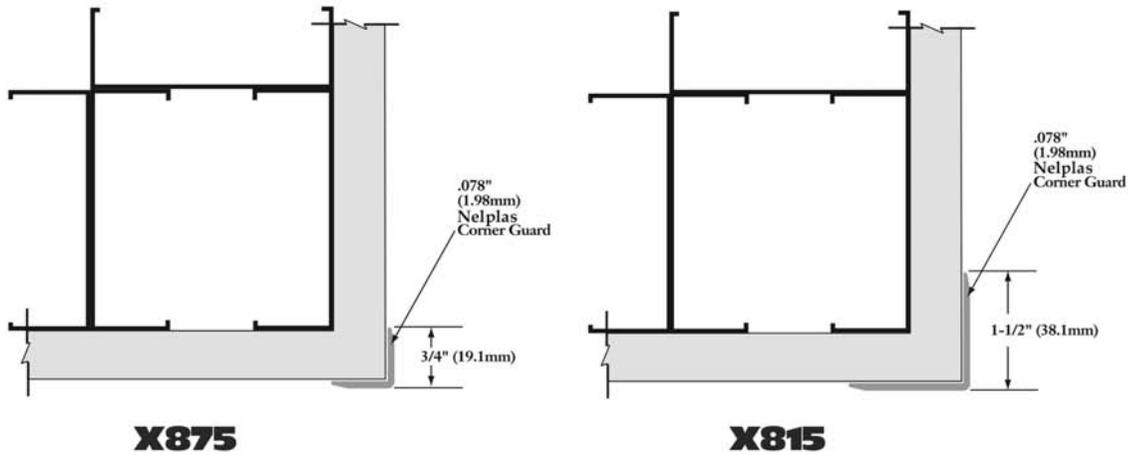
- 1 SCREWS AND FASTENERS
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- 16 MOLDINGS, CORBELS AND WINE CELLARS
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- 20 COMMERCIAL DISPLAY AND HARDWARE



NELPLAS Extruded Corner Guards are an economical yet durable option for corner protection. Easily installed, these guards are .078" (1.98mm) thick vinyl with either 3/4" (19.1mm) or 1-1/2" (38.1mm) wings. The wings are tapered back, providing a finished look to any installation.

NELPLAS Extruded Corner Guards are backed by a limited five-year warranty. All Corner Guards are Class I/A fire rated and meet national building code standards. All **NELPLAS** protective products color-coordinate with a multitude of **NELPLAS**® Wallcoverings for a systems approach to wall protection.

For more information on **NELPLAS** Extruded Corner Guards or the **NELPLAS** Wall Protection System, please call your local **NELPLAS** distributor or 800-628-0449.



Product Guide Specification

SECTION 10 26 00 CORNER GUARDS

PART 1 GENERAL

1.01 SECTION INCLUDES

1-1/2" x 1-1/2" (38.1mm x 38.1mm) and 3/4" x 3/4" (19.1mm x 19.1mm) Adhered Extruded Corner Guards.

1.02 SUBMITTALS

- A. Submit in accordance with Section 01 33 00 - Submittals.
- B. Product Data: Submit manufacturer's product data.
- C. Samples: Submit for approval 12" (304.8mm) long sample of each color specified.
- D. Test Reports: Submit manufacturer's test reports and certification indicating compliance with applicable building code requirements.

1.03 QUALITY ASSURANCE

Comply with NFPA 101® for interior finish materials. Smoke developed less than 450 and flame spread of 25 or less in accordance with ASTM E 84.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in a clean, dry location protected against damage of any kind.

PART 2 PRODUCTS

2.01 MANUFACTURER

Nelplas Wall Protection Systems.
A Division of RJF International Corporation

2.02 CORNER GUARDS

Nelplas X815, X875, X915 Extruded Corner Guard adhered to substrate corner with glue or tape.

Exposed surfaces shall be free of wrinkling, chipping, discoloration, or other imperfections.

1. Dimensions
 - a. Leg length: 3/4" (19.1mm)—X8785; 1-1/2" (38.1mm)—X815 and X915.
 - b. Angle: 90°.
2. Profile: High-impact vinyl acrylic extrusion, nominal .078" (1.98mm) thick. Class I fire rating, when tested in accordance with ASTM E 84.
3. Extrusion: Pebble grain finish. Contains EPA registered Micro-Chek antimicrobial agent.
4. Adhesion: Manufacturer recommended contact cement—X815 and X875; Manufacturer applied adhesive-backed tape—X915.

PART 3 EXECUTION

3.01 EXAMINATION

Verify by examination that wall surfaces are acceptable to receive the specified guard systems. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.02 INSTALLATION

- A. Install Corner Guards to wall securely in accordance with manufacturer's written instructions.
- B. Install Corner Guards accurately in location, alignment, and elevation.

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



**Nelplas PROTECTIVE WALLCOVERING
ACCESSORY ITEMS**

- J-Molding [0.028" (0.71mm)-0.080" (2.03mm)]
- Inside Corner Molding [0.028" (0.71mm)-0.080" (2.03mm)]
- Outside Corner Molding [0.028" (0.71mm)-0.080" (2.03mm)]
- Divider Bar [0.028" (0.71mm)-0.040" (1.02mm)]
- Divider Bar [0.060" (1.52mm)-0.080" (2.03mm)]
- Color-Matched Caulk
- Heavy Pressure Roller

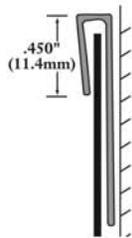
Nelplas Protective Wallcoverings are engineered with quality in every detail. **Nelplas** Wallcoverings are manufactured using a rigid acrylic/ polyvinyl chloride sheet designed for use in high-traffic area that are subject to abuse from impact, gouges, and scratches. **Nelplas** extends the life cycle of walls and reduces maintenance costs from repairs and repetitive labor like painting.

Nelplas Wallcoverings are available in five thicknesses and in sheets or rolls (see **Nelplas** Protective Wallcovering section). A multitude of standard colors are available with standard **Nelplas** wallcoverings and custom colors can be created to your specification.

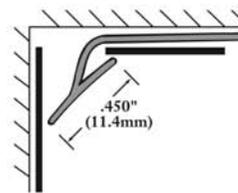
Each **Nelplas** sheet is manufactured with color through out the entire thickness of the sheet so that minor scratches or dents will not be visible. **Nelplas** Protective Wallcoverings are designed to coordinate and complement all **Nelplas** Wall Protection Products and Nelplas Wallcoverings. Moldings and caulk are available to ensure accurate color matching and finished look.

Nelplas is chemical and stain-resistant to prevent discoloration and surface damage from strong cleansing agents. **Nelplas** Protective Wallcoverings are fire rated for Surface Burning Characteristics as classified by Underwriters Laboratories, Inc. and meet national building code standards.

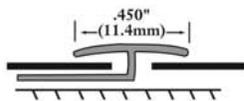
For more information on **Nelplas** Protective Wallcoverings, contact your local Nelplas distributor or call 800-628-0449.



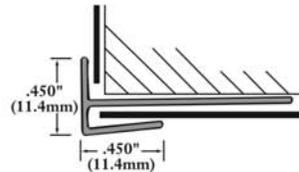
J-Molding



Inside Corner



Divider Bar



Outside Corner

Product Guide Specification

SECTION 10 26 00 PROTECTIVE WALLCOVERING

PART 1 GENERAL

1.01 SECTION INCLUDES

Protective Wallcovering.

1.02 SUBMITTALS

- A. Comply with requirements of Section 01 33 00 - Submittals.
- B. Product Data: Submit manufacturer's product data including installation instructions.
- C. Samples: Submit 7" x 9" (177.8mm x 228.6mm) sample of each type, thickness, color, and texture to be installed for Architect's approval.
- D. Certification: Submit manufacturer's certification indicating Protective Wallcovering meets specified requirements.
- E. Maintenance Instructions: Submit manufacturer's maintenance instructions for Protective Wallcovering.

1.03 QUALITY ASSURANCE

Installer Qualifications: Use installer experienced in the installation of Protective Wallcovering on projects of similar size and complexity.

1.04 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging with labels clearly indicating manufacturer and material.
- B. Storage:
 1. Store materials indoors in a clean, dry area protected from damage and in accordance with manufacturer's instructions.
 2. Maintain storage temperature above 50°F.
 3. Store materials flat. Do not stand rolls or sheet on end.
- C. Handling: Protect materials during handling and installation to prevent damage.

1.05 ENVIRONMENTAL REQUIREMENTS

- A. Maintain constant minimum air temperature of 65°F for a minimum of 48 hours before and during installation.
- B. Maintain wall temperature between 65°F and 85°F during installation.
- C. Do not expose walls to direct sunlight during or after installation.
- D. Do not install if relative humidity is greater than 80%.

PART 2 PRODUCTS

2.01 MANUFACTURER

Nelplas Wall Protection Systems
A Division of RJF International Corporation

2.02 PROTECTIVE WALLCOVERING

Nelplas Protective Wallcovering: Rigid high-impact acrylic/polyvinyl chloride (PVC) sheet.

1. Fire Rating: [Class I/A] [Class II/B] [Class III/C].
2. Thickness: Standard—[0.028" (0.71mm)] [0.040" (1.02mm)] [0.060" (1.52mm)]; Custom—[0.080" (2.03mm)] [0.125" (3.18mm)].
3. Color: Color to be selected by Architect from manufacturer's standard colors.
4. Texture: Standard-Haircell; Custom-Smooth Nap, Velour Matte, Stipple.

2.03 ADHESIVES

Furnish adhesives approved by Protective Wallcovering manufacturer.

2.04 ACCESSORIES

- A. Accessory Moldings: Furnish accessory moldings by Protective Wallcovering manufacturer to ensure accurate match of colors, dimensions, and physical properties.
- B. Caulk: Furnish color-matched caulk by Protective Wallcovering manufacturer to ensure accurate match of colors.

PART 3 EXECUTION

3.01 EXAMINATION

Inspect wall surfaces to receive Protective Wallcovering. Notify the Architect in writing if wall surfaces are not acceptable. Do not begin installation until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Prepare walls in accordance with manufacturer's written instructions.
- B. Remove dust, dirt, grease, oil, loose paint, scale, and existing wallcovering.
- C. Resurface uneven wall surfaces and damaged walls.
- D. Seal walls with white prime seal.

3.03 INSTALLATION

- A. Install Protective Wallcovering to walls in accordance with manufacturer's written instructions.
- B. Allow Protective Wallcovering and adhesive to precondition for a minimum of 24 hours at a temperature between 65°F and 85°F before installation.
- C. Install sheets with texture running in the same direction for uniform appearance.

3.04 CLEANING

- A. Clean Protective Wallcovering in accordance with manufacturer's instructions.
- B. Remove excess adhesive and layout marks.

1
SCREWS
AND
FASTENERS

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FURNITURE
EQUIPMENT

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HINGES

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SLIDES

5
CASTERS
AND LEGS

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KITCHEN
SOLUTIONS

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PANELS
AND
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CABINET
DOORS
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MOLDINGS,
CORBELS
AND WINE
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GLUES,
SILICONES,
CAULK AND
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Building Specialties

Wall and Surface Protection

Richelieu Section 21E

Fast Grab FRP Adhesive

Bonds FRP to many common porous building materials including drywall and non-treated plywood.

- Environmentally safe: VOC-compliant
- Quick grab: minimal bracing
- Nonflammable: no offensive odor
- Cleans easily with water in wet state.
- Application temperature: over 50 °F and below 90 °F for adhesive and substrates
- Service temperatures: 0 °F to 110 °F
- Method of application: V-notched trowel, 3/16" wide x 1/4" deep, spaced 1/2" c.c
- Coverage: 50 sq. ft. per gallon
- Working time: 20 minutes at 70 °F
- Color before application: Light beige
- Material: Proprietary emulsion polymer

PRODUCT	SIZE	QTY/BOX
150094054	4 gal.	1
15004056	1 gal.	2

PRODUCT	DESCRIPTION	SIZE	QTY/BOX
FRP185865	Water Base Adhesive	4 gal.	1
FRP167123	Advance Polymer	3.5 gal.	1

FRP Moldings

Sold by unit

PRODUCT	TYPE	QTY/BOX
FRP10OUT	Outside Corner	50
FRP10IN	Inside Corner	50
FRP10END	End Cap	75
FRP10DIV	Dividing Bar	50

FRP Sheets

Fiberglass-reinforced plastic panels are designed and engineered to be extremely tough. This entire panel is resistant to moisture, mold, and mildew. Panel rating: Class C, ASTM 3273. Stocked in white color.

PRODUCT	FINISH	LENGTH	HEIGHT	QTY/BOX
FRP48	Textured White	48" (1.2 m)	96" (2.4 m)	1
FRP412	Textured White	48" (1.2 m)	144" (3.6 m)	1
FRP410	Textured White	48" (1.2 m)	120" (3 m)	1

Suggested Product(s):
150094054, 15004056 – Fast Grab FRP Adhesive



Panolam Industries

Where design meets innovation

Panolam **FRL**[®] Fiber Reinforced Laminate



Panolam Industries

The Wall Surfacing Solution™ from Panolam Industries

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FRL is your wall surfacing solution™ from Panolam Industries.

Panolam Industries

Product quality, an outstanding range of Nevamar colors and patterns, a Class A fire rating and versatility in almost any environment makes FRL® the wall surfacing solution™ for your most challenging installations. Typical locations for FRL® include hospitals, schools, fast-food restaurants, department stores and high density public areas in airports and mass transit facilities.



Supermarkets and grocery store walls and displays are attacked daily by shopping carts, hand trucks and constant cleaning by maintenance staff. From the dairy to the produce aisle FRL® stands up in ways that other materials simply can't.



Restaurants know the importance of good food and good surroundings. When applied to the walls of dining and food service areas, FRL® combines the ease of maintenance with a look of quality that keeps customers coming back for more.



Trains and Buses will use FRL® wall products for their versatility, safety and ease of maintenance. All FRL® products are Class A fire rated for safety. Rugged, easy-to-clean FRL® easily withstands the effects of wayward luggage and harried commuters.



Airports and mass-transit facilities serve millions of people 24 hours a day, 365 days a year. Maintenance and cleaning need to be done quickly and efficiently. In these locations, FRL® wall surfaces easily withstand the rigors of the environment.



Department stores can tailor FRL® for their fitting room partitions, product display walls and a variety of other in-store uses. The product's choice of colors and patterns fit perfectly with the latest styles and its durability will never go out of fashion.



Hospitals are filled with skilled people and leading-edge technology. The high-performance features of the FRL® wall product is a perfect fit in this environment. Durable, stain-resistant, and easy-to-clean, it lets hospital staff focus on patients not maintenance.



Schools and Universities will discover that FRL® fits perfectly with the active lives of their students. In elementary classrooms it easily deflects sticky hands and crayons. On the walls of university dormitories, dining halls, laboratories and athletic facilities FRL® earns an A+ for versatility.



Hotels want their guests to feel at ease whether they're traveling for vacation or business. The walls of the lobbies, rooms, food facilities and fitness centers must be clean, bright and inviting. Here, the unique features of FRL® perform with a style that makes everyone feel at home.

FRL is so versatile, it crosses boundaries that others cannot.

Panolam Industries

Washrooms	Hallways	Commercial Areas	Customer Eating Areas
Kitchens	Retail Areas	Classrooms	
Wainscoting	Toilet Partitions	Lobbies	Boat/RV Interiors

Schools	Hospitals	Grocery Stores	Retail
Universities	Nursing Homes	Hotels	Department Stores
	Restaurants	Airports	

Class A Material*
High-Impact Strength
Cleanable Surface
Will Not Delaminate Like Similar Products

FRL® is Available in Hundreds of Colors and Designs
Can be Laminated to Various Substrates

*Classification based on UL approved substrate and glue being used.

Technical Information

Physical Properties

Property	Test	Standard/typical	FRL .048 results	FRL .088 results
Nominal Thickness	not applicable	not applicable	.048 in.	.088 in.
Surface Burning Characteristics	ASTM E84	Class C	Class A*	Class A
Smoke Developed Value	ASTM E84-04	≤ 450	55	55
Wear Resistance (cycles)	NEMA 3.13	≥ 700	3500	3500
Flexural Strength	ASTM D790	≥ 12,000 PSI	17,152 PSI	20,148 PSI

* Classification based on UL approved substrate and the glue being used.

Refer to technical bulletin for fabrication requirements.

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Panolam[®] **FRP** Fiberglass Reinforced Plastic

STOCK ITEM | **FRP Fiberglass Reinforced Plastic Panel** |

FRP TEXT CLASSIC		
NO.	COLOR	DIMENSION
FRP48	WHITE	4' x 8'
FRP410	WHITE	4' x 10'
FRP412	WHITE	4' x 12'

MOLD & MILDEW RESISTANT
 FRP entire panel is moisture resistant – not just the surface. It does not support mold or mildew (per ASTM D3273 and ASTM D3274). It will not rust or corrode in wet or humid environments.

EASY TO CLEAN
 A mild cleanser and a soft brush are typically the only things needed to clean a wall.

TOUGH
 FRP fiberglass reinforced plastic is designed and engineered to be extremely tough. Highly resistant to scratches, abrasion, and other staining. Ideal in applications where conditions are harsh and durability is a must.

EASY TO INSTALL
 FRP panels can be cut and drilled for quick, easy installation. Accessories such as color coordinated moldings and rivets are also available to complete the installation.

FIRE RATING
 Class A and Class C fire rated per ASTM E-84. Meets Canadian code CAN/S102 test method results of <150 flame spread and <300 smoke developed.

- IDEAL FOR:**
- Amusement Parks
 - Breweries
 - Boat Houses
 - Campgrounds
 - Car Washes
 - Chemical
 - Processing Plants
 - Convenience Stores
 - Correctional
 - Facilities
 - Day Care Centers
 - Fisheries
 - Food Processing
 - Plants
 - Laboratories
 - Locker Rooms
 - Kennels
 - Public Restrooms
 - Refrigerated
 - Warehouses
 - Restaurant
 - Kitchens
 - Schools
 - Storage Areas
 - Supermarkets
 - And lot more...

OTHER COLOR ALSO AVAILABLE



STOCK ITEM | **Vinyl Moldings and Adhesives for FRP Panel** |

VINYL MOLDINGS	
NO.	DESCRIPTION
FRP10DIV	DIVISION BAR
FRP10IN	INSIDE CORNER
FRP10OUT	OUTSIDE CORNER
FRP10END	END CAP



SEAM TREATMENT OPTIONS

- Color-coordinated moldings and rivets are available to complete the installation
- Easy to install
- Offered in four profiles - Division bar, inside corner, outside corner and end cap

ADHESIVES	
NO.	DESCRIPTION
FRP167123	SOLVENT BASE
FRP185865	WATER BASE



Panolam[®] **FRP** Fiberglass Reinforced Plastic

Building Specialties

Wall and Surface Protection

Aluminum Base

The ecoFlex bumper systems are the industry's first flexible, eco-friendly protection products. Made of recycled materials, ecoFlex products make it possible for you to reduce environmental waste without sacrificing performance.

- 85% recycled core (cosmetic coating in new materials)
- 100% PVC-free base, made from 100% sustainable material
- Compatible with all ecoRigid components
- Pre-slotted base channel for easy installation
- Available in variety of colors
- UL94-V-0 fire rating

PRODUCT	FINISH	MOLDING WIDTH	MOLDING LENGTH	QTY/BOX
BA1000	Black	1" (25 mm)	12' (3.7 m)	1
BA2000	Black	1" (25 mm)	12' (3.7 m)	1
BA3300	Black	1" (25 mm)	12' (3.7 m)	1

Suggested Product(s):

For BA1000 and BA2000:
 EF200090 – EcoFlex Bumper Top
 TFC200090 – EcoFlex Flat End Cap

For BA3300:
 TFC330090 – EcoFlex Bumper Top

EcoRigid 90° Corner Cap

EcoRigid bumper systems are the industry's only PVC-free protective products. Made of PolyBostylene, a unique blend of polystyrene derivatives free of hazardous chlorine- and bromine-based chemicals, these products make it possible to protect the environment and contribute to sustainability.

- 100% PVC-FREE PolyBostylene bumpers, base, end caps, and corners (Aluminum base also available)
- 100% sustainable material
- 25% lighter than traditional rigid bumpers for big savings in freight costs
- UL 94-HB fire rating
- Free of chlorine, bromine, and hazardous materials
- Pre-slotted base for easy installation
- Available in a variety of colors

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
PBCN100090	Black	1" (25 mm)	1
PBCN200090		2" (51 mm)	1
PBCN305090		3" (76 mm)	1
PBCN100070	Blue	1" (25 mm)	1
PBCN200070		2" (51 mm)	1
PBCN305070		3" (76 mm)	1
PBCN1000604	Brown Sugar	1" (25 mm)	1
PBCN2000604		2" (51 mm)	1
PBCN3050604		3" (76 mm)	1
PBCN1000100	Gray	1" (25 mm)	1
PBCN2000100		2" (51 mm)	1
PBCN3050100		3" (76 mm)	1
PBCN100050	Porcelain	1" (25 mm)	1
PBCN3050100		2" (51 mm)	1
PBCN305050		3" (76 mm)	1
PBCN100050	Red	1" (25 mm)	1
PBCN2000106		2" (51 mm)	1
PBCN305080		3" (76 mm)	1
PBCN1000106	Silver	2" (51 mm)	1
PBCN2000106		3" (76 mm)	1
PBCN3050106		3" (76 mm)	1

Suggested Product(s):

PBCX100090 – EcoRigid 135° Corner Cap
 PBTR100090 – EcoRigid Bumper Top
 PBER100090 – EcoRigid Rounded End Cap
 PBBR1000 – EcoFlex/EcoRigid Base

Richelieu Section 21E



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Building Specialties

Wall and Surface Protection

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EcoFlex 90° Corner Cap

The ecoFlex bumper systems are the industry's first flexible, eco-friendly protection products. Made of recycled materials, ecoFlex products make it possible for you to reduce environmental waste without sacrificing performance.

- 85% recycled core (cosmetic coating in new materials)
- 100% PVC-free base, made from 100% sustainable material
- Compatible with all ecoRigid components
- Engineered to adapt to curved or round surfaces
- Pre-slotted base channel for easy installation
- Available in variety of colors
- UL94-V-O fire rating

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
CN330090	Black	3" (76 mm)	36
CN330070	Blue	3" (76 mm)	36
CN3300604	Brown Sugar	3" (76 mm)	36
CN3300100	Gray	3" (76 mm)	36
CN3300106	Silver	3" (76 mm)	36

Suggested Product(s):

TFC330090 – EcoFlex Bumper Top
ER330090 – EcoFlex Rounded End Cap

EcoRigid 135° Corner Cap

EcoRigid bumper systems are the industry's only PVC-free protective products. Made of PolyBostylene, a unique blend of polystyrene derivatives free of hazardous chlorine- and bromine-based chemicals, these products make it possible to protect the environment and contribute to sustainability.

- 100% PVC-FREE PolyBostylene bumpers, base, end caps, and corners (Aluminum base also available)
- 100% sustainable material
- 25% lighter than traditional rigid bumpers for big savings in freight costs
- UL 94-HB fire rating
- Free of chlorine, bromine, and hazardous materials
- Pre-slotted base for easy installation
- Available in a variety of colors

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
PBCX100090	Black	1" (25 mm)	1
PBCX200090		2" (51 mm)	1
PBCX1000100	Gray	1" (25 mm)	1
PBCX2000100		2" (51 mm)	1
PBCX100050	Porcelain	1" (25 mm)	1
PBCX200050		2" (51 mm)	1
PBCX100080	Red	1" (25 mm)	1
PBCX200080		2" (51 mm)	1
PBCX1000106	Silver	1" (25 mm)	1
PBCX2000106		2" (51 mm)	1

Suggested Product(s):

PBBR1000 – EcoFlex/EcoRigid Base
PBCN100090 – EcoRigid 90° Corner Cap
PBTR100090 – EcoRigid Bumper Top
PBER100090 – EcoRigid Rounded End Cap



Building Specialties

Wall and Surface Protection

EcoRigid Rounded End Cap

EcoRigid bumper systems are the industry's only PVC-free protective products. Made of PolyBostylene, a unique blend of polystyrene derivatives free of hazardous chlorine- and bromine-based chemicals, these products make it possible to protect the environment and contribute to sustainability.

- 100% PVC-FREE PolyBostylene bumpers, base, end caps, and corners (Aluminum base also available)
- 100% sustainable material
- 25% lighter than traditional rigid bumpers for big savings in freight costs
- UL 94-HB fire rating
- Free of chlorine, bromine, and hazardous materials
- Pre-slotted base for easy installation
- Molding length: 2-1/2" (64 mm)

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
PBER100090	Black	1" (25 mm)	1
PBER200090		2" (51 mm)	1
PBER305090		3" (76 mm)	1
PBER100070	Blue	1" (25 mm)	1
PBER200070		2" (51 mm)	1
PBER305070		3" (76 mm)	1
PBER1000604	Brown Sugar	1" (25 mm)	1
PBER2000604		2" (51 mm)	1
PBER3050604		3" (76 mm)	1
PBER1000100	Gray	1" (25 mm)	1
PBER2000100		2" (51 mm)	1
PBER3050100		3" (76 mm)	1
PBER100050	Porcelain	1" (25 mm)	1
PBER200050		2" (51 mm)	1
PBER305050		3" (76 mm)	1
PBER100080	Red	1" (25 mm)	1
PBER200080		2" (51 mm)	1
PBER305080		3" (76 mm)	1
PBER1000106	Silver	1" (25 mm)	1
PBER2000106		2" (51 mm)	1
PBER3050106		3" (76 mm)	1

Suggested Product(s):

- PBCX100090 – EcoRigid 135° Corner Cap
- PBBR1000 – EcoFlex/EcoRigid Base
- PBCN100090 – EcoRigid 90° Corner Cap
- PBTR100090 – EcoRigid Bumper Top



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Building Specialties

Wall and Surface Protection

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EcoFlex Flat End Cap

The ecoFlex bumper systems are the industry's first flexible, eco-friendly protection products. Made of recycled materials, ecoFlex products make it possible for you to reduce environmental waste without sacrificing performance.

- 85% recycled core (cosmetic coating in new materials)
- 100% PVC-free base, made from 100% sustainable material
- Compatible with all ecoRigid components
- Engineered to adapt to curved or round surfaces
- Pre-slotted base channel for easy installation
- Available in variety of colors
- UL94-V-0 fire rating

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
EF200090	Black	2" (51 mm)	1
EF100070	Blue	1" (25 mm)	1
EF200070		2" (51 mm)	1
EF2000604	Brown Sugar	2" (51 mm)	1
EF2000100	Gray	2" (51 mm)	1
EF100050	Porcelain	1" (25 mm)	1
EF200050		2" (51 mm)	1
EF100080	Red	1" (25 mm)	1
EF200080		2" (51 mm)	1
EF1000106	Silver	1" (25 mm)	1
EF2000106		2" (51 mm)	1

Suggested Product(s):

BA2000 – Aluminum Base
 PBBR2000 – EcoFlex/EcoRigid Base
 TFC200090 – EcoFlex Bumper Top



EcoFlex Rounded End Cap

The ecoFlex bumper systems are the industry's first flexible, eco-friendly protection products. Made of recycled materials, ecoFlex products make it possible for you to reduce environmental waste without sacrificing performance.

- 85% recycled core (cosmetic coating in new materials)
- 100% PVC-free base, made from 100% sustainable material
- Compatible with all ecoRigid components
- Engineered to adapt to curved or round surfaces
- Pre-slotted base channel for easy installation
- Available in variety of colors
- UL94-V-0 fire rating

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
ER330090	Black	3" (76 mm)	72
ER330070	Blue	3" (76 mm)	72
ER3300604	Brown Sugar	3" (76 mm)	72
ER3300100	Gray	3" (76 mm)	72
ER330050	Porcelain	3" (76 mm)	72
ER3300106	Silver	3" (76 mm)	72

Suggested Product(s):

TFC330090 – EcoFlex Bumper Top
 CN330090 – EcoFlex 90° Corner Cap



Building Specialties

Wall and Surface Protection

EcoRigid Bumper Top

EcoRigid bumper systems are the industry's only PVC-free protective products. Made of PolyBostylene, a unique blend of polystyrene derivatives free of hazardous chlorine- and bromine-based chemicals, these products make it possible to protect the environment and contribute to sustainability.

- 100% PVC-FREE PolyBostylene bumpers, base, end caps, and corners (Aluminum base also available)
- 100% sustainable material
- 25% lighter than traditional rigid bumpers for big savings in freight costs
- UL 94-HB fire rating
- Free of chlorine, bromine, and hazardous materials
- Pre-slotted base for easy installation
- Molding length: 12' (3.7 m)

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
PBTR100090	Black	1" (25 mm)	1
PBTR200090		2" (51 mm)	1
PBTR305090		3" (76 mm)	1
PBTR100070	Blue	1" (25 mm)	1
PBTR200070		2" (51 mm)	1
PBTR305070		3" (76 mm)	1
PBTR1000604	Brown Sugar	1" (25 mm)	1
PBTR2000604		2" (51 mm)	1
PBTR3050604		3" (76 mm)	1
PBTR1000100	Gray	1" (25 mm)	1
PBTR2000100		2" (51 mm)	1
PBTR3050100		3" (76 mm)	1
PBTR100050	Porcelain	1" (25 mm)	1
PBTR200050		2" (51 mm)	1
PBTR305050		3" (76 mm)	1
PBTR100080	Red	1" (25 mm)	1
PBTR200080		2" (51 mm)	1
PBTR305080		3" (76 mm)	1
PBTR1000106	Silver	1" (25 mm)	1
PBTR2000106		2" (51 mm)	1
PBTR3050106		3" (76 mm)	1

Suggested Product(s):

- PBCX100090 – EcoRigid 135° Corner Cap
- PBBR1000 – EcoFlex/EcoRigid Base
- PBCN100090 – EcoRigid 90° Corner Cap
- PBER100090 – EcoRigid Rounded End Cap

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Building Specialties

Wall and Surface Protection

Richelieu Section 21E

EcoFlex Bumper Top

The ecoFlex bumper systems are the industry's first flexible, eco-friendly protection products. Made of recycled materials, ecoFlex products make it possible for you to reduce environmental waste without sacrificing performance.

- 85% recycled core (cosmetic coating in new materials)
- 100% PVC-free base, made from 100% sustainable material
- Compatible with all ecoRigid components
- Engineered to adapt to curved or round surfaces
- Pre-slotted base channel for easy installation
- Available in variety of colors
- UL94-V-0 fire rating
- Molding length: 36' (10.9 m)

PRODUCT	FINISH	MOLDING WIDTH	QTY/BOX
TFC100090	Black	1" (25 mm)	1
TFC200090		2" (51 mm)	1
TFC330090		3" (76 mm)	1
TFC100070	Blue	1" (25 mm)	1
TFC200070		2" (51 mm)	1
TFC330070		3" (76 mm)	1
TFC1000604	Brown Sugar	1" (25 mm)	1
TFC2000604		2" (51 mm)	1
TFC3300604		3" (76 mm)	1
TFC1000100	Gray	1" (25 mm)	1
TFC2000100		2" (51 mm)	1
TFC3300100		3" (76 mm)	1
TFC100050	Porcelain	1" (25 mm)	1
TFC200050		2" (51 mm)	1
TFC330050		3" (76 mm)	1
TFC100080	Red	1" (25 mm)	1
TFC200080		2" (51 mm)	1
TFC1000106	Silver	1" (25 mm)	1
TFC2000106		2" (51 mm)	1
TFC3300106		3" (76 mm)	1

Suggested Product(s):
 BA1000 – Aluminum Base
 PBBR1000 – EcoFlex/EcoRigid Base



Building Specialties

Wall and Surface Protection

EcoFlex/EcoRigid Base

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- Pre-slotted base channel for easy installation
- Available in variety of colors
- UL94-V-0 fire rating

EcoRigid bumper systems are the industry's only PVC-free protective products. Made of PolyBostylene, a unique blend of polystyrene derivatives free of hazardous chlorine- and bromine-based chemicals, these products make it possible to protect the environment and contribute to sustainability.

- 100% PVC-FREE PolyBostylene bumpers, base, end caps, and corners (Aluminum base also available)
- 100% sustainable material
- 25% lighter than traditional rigid bumpers for big savings in freight costs
- UL 94-HB fire rating
- Free of chlorine, bromine, and hazardous materials
- Pre-slotted base for easy installation
- Available in a variety of colors

PRODUCT	FINISH	MOLDING WIDTH	MOLDING LENGTH	QTY/BOX
PBBR1000	Black	1" (25 mm)	12' (3.6 m)	1
PBBR2000	Black	2" (51 mm)	12' (3.6 m)	1
PBBR2000	Black	3" (76 mm)	12' (3.6 m)	1

EcoRigid Base

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- 100% sustainable material
- 25% lighter than traditional rigid bumpers for big savings in freight costs
- UL 94-HB fire rating
- Free of chlorine, bromine, and hazardous materials
- Pre-slotted base for easy installation
- Available in a variety of colors

PRODUCT	FINISH	MOLDING WIDTH	MOLDING LENGTH	QTY/BOX
PBBR3050	Black	3" (76 mm)	12' (3.6 m)	1

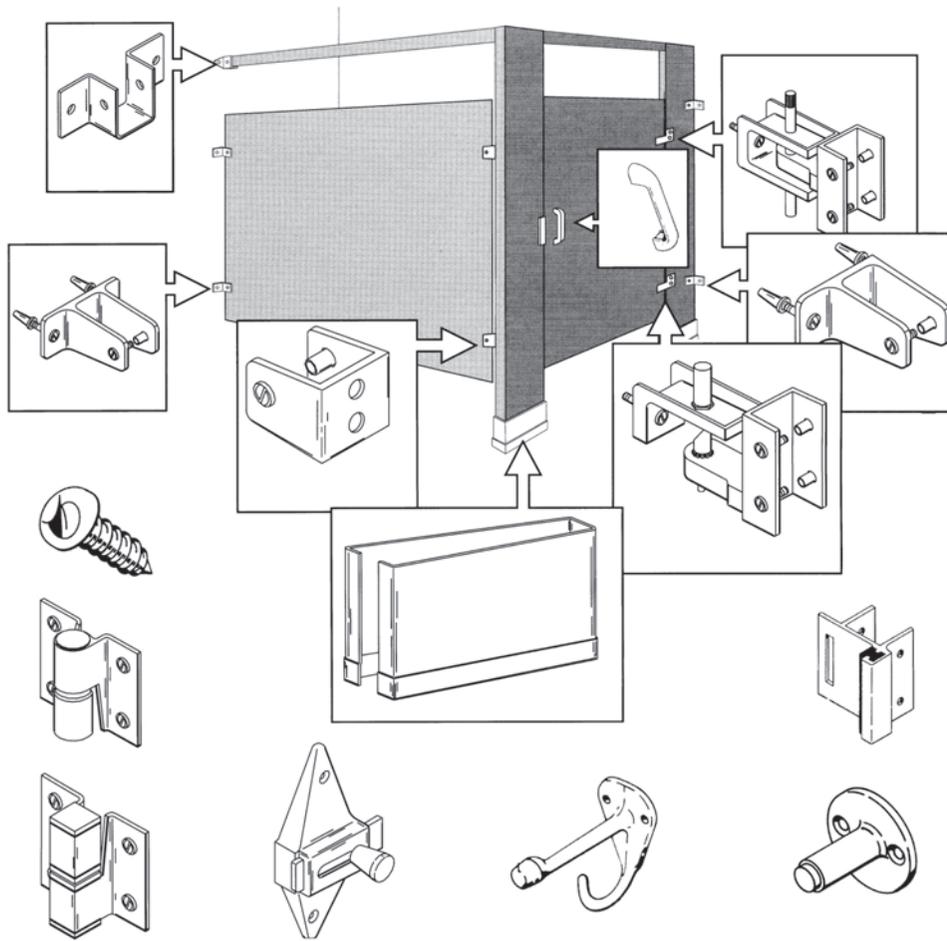
Richelieu Section 21E



- 1 SCREWS AND FASTENERS
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Bathroom Partition Hardware

Richelieu Section 21F

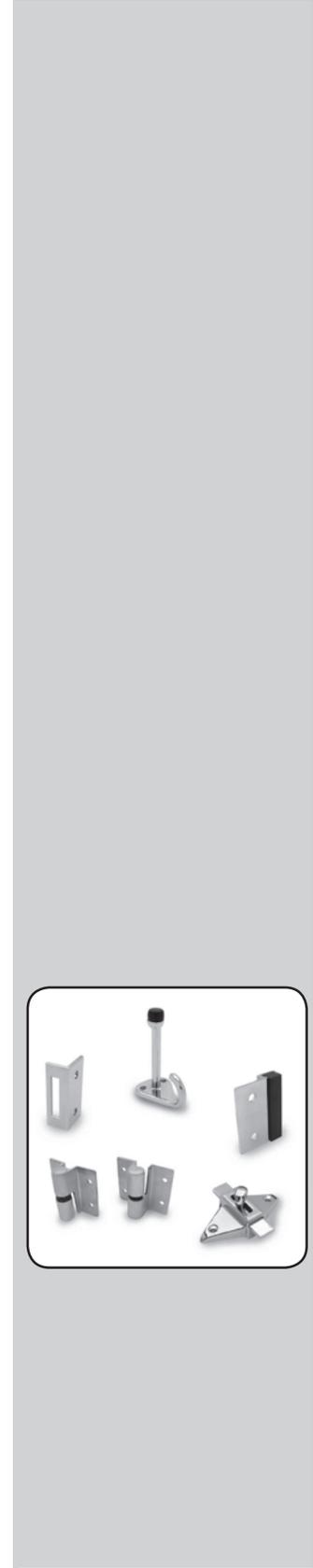
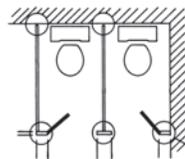
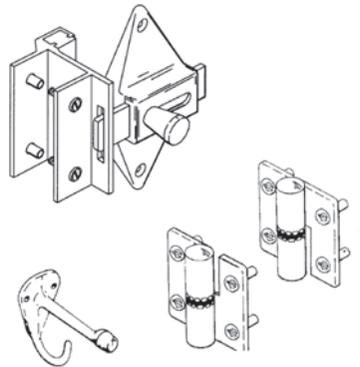


Surface Hinge Kit for Inswing Door

Products included in kit:

- Surface hinges
- Strike keeper
- Surface latch
- All screws required for door installation
- Hook-bumper combination

PRODUCT	DOOR THICKNESS	PILASTER THICKNESS	DOOR SIDE	QTY/ BOX
201000140	7/8"	1-1/4"	Left	1 kit
201100140	7/8"	1-1/4"	Right	1 kit
204500140	3/4"	3/4"	Left	1 kit
204600140	3/4"	3/4"	Right	1 kit



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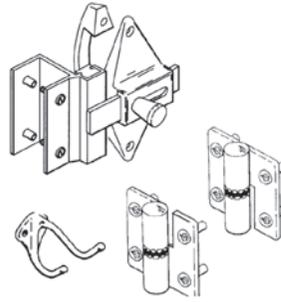
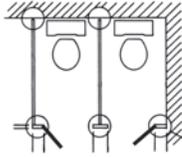
Bathroom Partition Hardware

Richelieu Section 21F

Surface Hinge Hardware Kit for Outswing Door

Products included in kit:

- Surface hinges
- Strike keeper
- Surface latch
- All screws required for door installation
- Hook
- Door pull



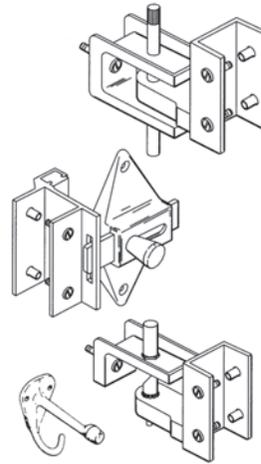
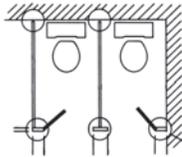
PRODUCT	DOOR THICKNESS	PILASTER THICKNESS	DOOR SIDE	QTY/BOX
202000140	7/8"	1-1/4"	Left	1 kit
202100140	7/8"	1-1/4"	Right	1 kit
204700140	3/4"	3/4"	Left	1 kit
204800140	3/4"	3/4"	Right	1 kit



Hardware Kit for Inswing Door

Products included in kit:

- Pivot hinge
- Strike keeper
- Surface latch
- All screws required for door installation
- Hook-bumper combination



PRODUCT	QTY/BOX
178000140	1 kit



Door Pull 4-3/4"

Sold by unit

PRODUCT	CENTER TO CENTER	QTY/BOX
54000140	3-1/2"	1



Bathroom Partition Hardware

Stainless Steel Door Handle

- Rear fastened door handel. 4" long x 2-3/4" centers

PRODUCT	HEIGHT	CENTER TO CENTER	QTY/BOX
54003170	4"	2-3/4"	1

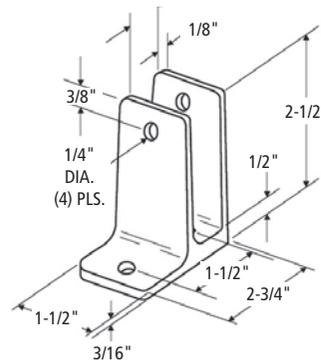
Hardware Kit for Plaster

- Kit with two pilaster supports and all needed screws for pilaster installation

Products included in kit:

- 2 one-ear wall brackets (3/4")
- 4 anchors (plastic) for #14-16 screws
- 2 one-way barrel nuts (5/8", chrome)
- 2 one-way shoulder screws (3/4", chrome)
- 4 Phillips Pan-A Chrome (12" x 1-1/2")

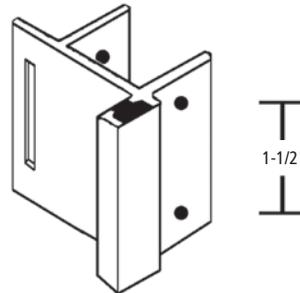
PRODUCT	PILASTER THICKNESS	QTY/BOX
152300140	1-1/4"	1 kit
158100140	3/4"	1 kit



Strike Keeper for Inswing Door

- For 1-1/4" square-edged pilasters

PRODUCT	CENTER TO CENTER	QTY/BOX
51100140	1-1/2"	1



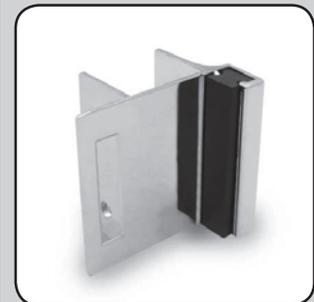
Door Strike

- For pilasters of any thickness. Allows emergency access when properly installed

PRODUCT	CENTER TO CENTER	QTY/BOX
51700140	1-1/2"	1



Richelieu Section 21F



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Bathroom Partition Hardware

Richelieu Section 21F

Single Tissue Holder

PRODUCT	FINISH	QTY/BOX
73590140	Chrome	1

Stainless Steel Door Bumper – 2" Projection

PRODUCT	FINISH	QTY/BOX
41230170	Stainless Steel	1

Door Stop – 2" Projection

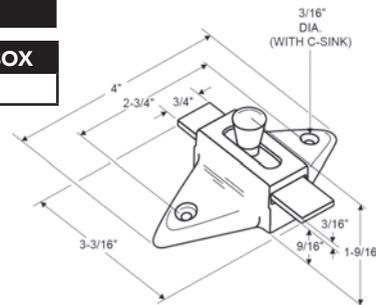
PRODUCT	MATERIAL	CENTER TO CENTER	QTY/BOX
41200140	Solid Brass	1-19/32"	1

Coat Hook and Door Bumper

PRODUCT	FINISH	QTY/BOX
40030170	Stainless Steel	1

Slide Latch Mounting Surface

PRODUCT	FINISH	HEIGHT	CENTER TO CENTER	QTY/BOX
50200140	Chrome	4"	2-3/4"	1



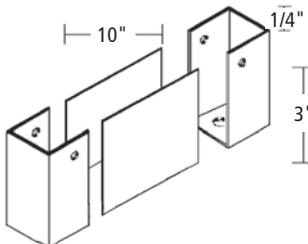
Bathroom Partition Hardware

Pilaster Shoe Kit

- Includes two pilaster shoes and all screws necessary for pilaster installation

Products included in kit:

- 2 pilaster post shoes (split)
- 2 floor anchors (3/8"), double expansion
- 2 one-way barrel nuts (5/8", chrome)
- 2 one-way shoulder screws (1-3/16", chrome)
- 3 hex tap bolts (3/8-16" x 2-1/2")
- 1 finished hex nut (3/8"-16 Finished Hex-Zinc)
- 1 four-prong T-nut (3/8"-16 x 7/16", zinc)
- 1 flat washer (3/8", zinc plated)

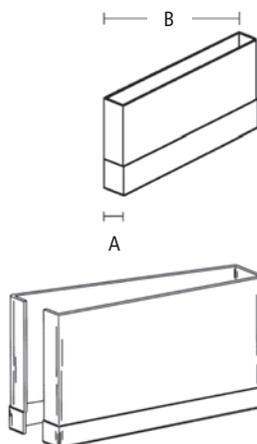


PRODUCT	PANEL THICKNESS	QTY/BOX
308100140	1-1/4"	1 kit

Plaster Shoe Kit

- 22-gauge #304 stainless steel

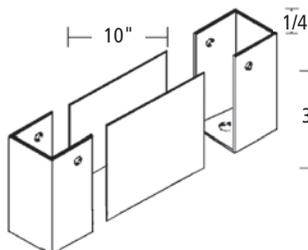
PRODUCT	DESCRIPTION	WIDTH (A)	LENGTH (B)	QTY/BOX
370690140	kit includes: - 1 anchor pack for pilaster shoe - 1 pilaster shoe (6" x 1-1/4", stainless)	1-1/4"	6"	1 kit
371090140	kit includes: - 1 anchor pack for pilaster shoe - 1 pilaster shoe (10" x 1-1/4", stainless)	1-1/4"	10"	1 kit
400490140	kit includes: - 1 anchor pack for pilaster shoe - 1 pilaster shoe (4" x 3/4", stainless)	3/4"	4"	1 kit
400690140	kit includes: - 1 anchor pack for pilaster shoe - 1 pilaster shoe (6" x 3/4", stainless)	3/4"	6"	1 kit



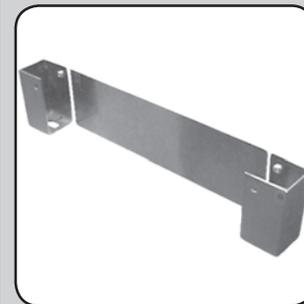
3" x 10" Spacer Plate Pack

- 3" x 10" spacer plate kit for 1-1/4" (32 mm)-thick pilaster posts

PRODUCT	QTY/BOX
309990140	2



Richelieu Section 21F



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Bathroom Partition Hardware

Richelieu Section 21F

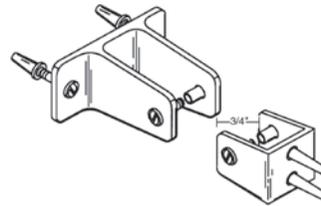
Hardware Kit for Panel (double bracket)

- Kit for pilaster installation

Products included in kit:

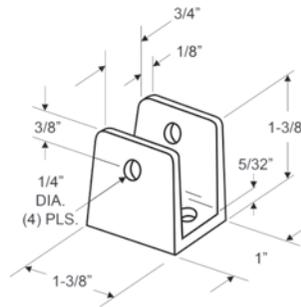
- 2 two-ear wall brackets (3/4")
- 2 U-brackets (3/4")
- 4 anchors (plastic) for #14-16 screws
- 4 one-way barrel nuts (5/8", chrome)
- 4 one-way shoulder screws (3/4", chrome)
- 4 Phillips Pan-A Chrome (12" x 5/8")
- 4 Phillips Pan-A Chrome (14" x 1-3/4")

PRODUCT	PANEL THICKNESS	QTY/BOX
150100140	3/4"	1 kit
150200140	7/8"	1 kit



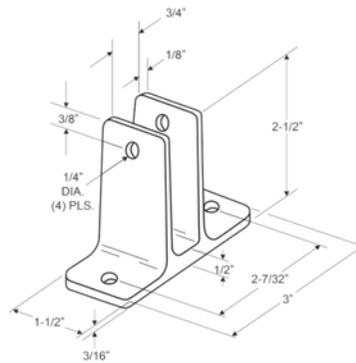
U-Shaped Chrome Bracket

PRODUCT	DIMENSION	QTY/BOX
189000140	3/4"	1
190000140	7/8"	1
191000140	1"	1



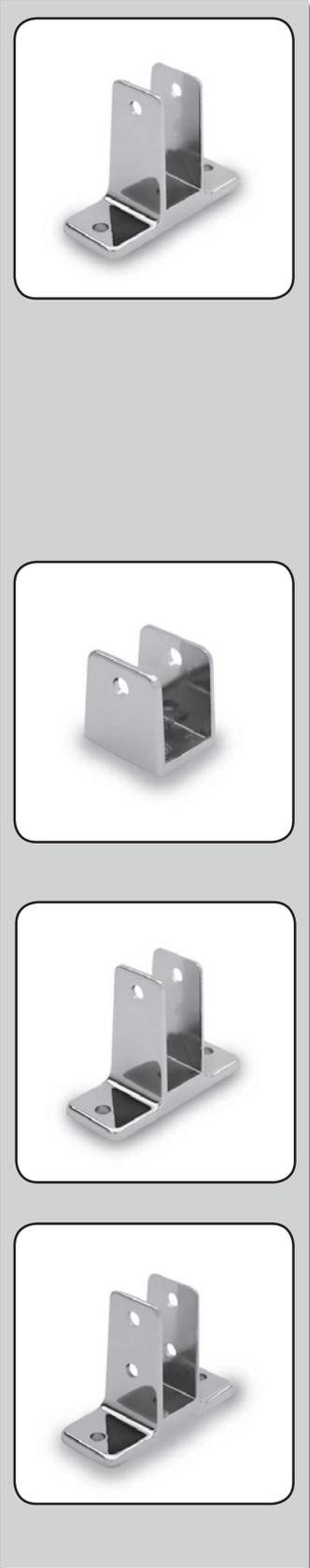
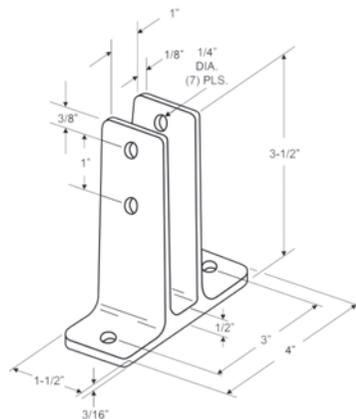
Two Ear Wall Chrome Bracket

PRODUCT	DIMENSION	QTY/BOX
162000140	3/4"	1
163000140	7/8"	1
175000140	1"	1



Urinal Screen Chrome Bracket

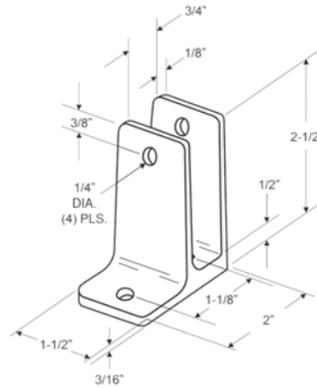
PRODUCT	DIMENSION	QTY/BOX
128000140	1"	1
159000140	3/4"	1



Bathroom Partition Hardware

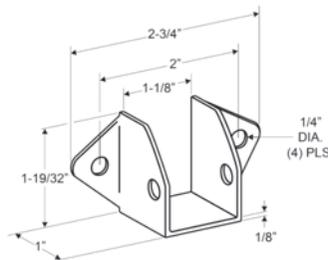
One Ear Wall Chrome Bracket

PRODUCT	DIMENSION	QTY/BOX
16400140	3/4"	1
18400140	1-1/4"	1



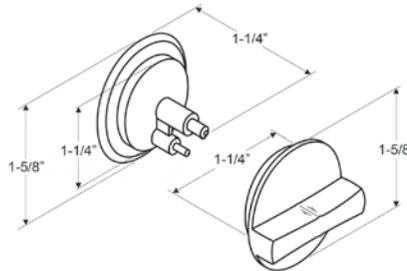
Headrail Wall Chrome Bracket

PRODUCT	WIDTH	QTY/BOX
21500140	3/4" to 1	1
21700140	1-1/4"	1



Knob Set for Concealed Latch

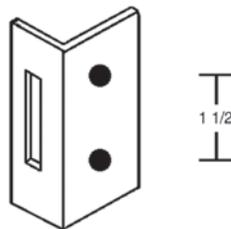
PRODUCT	DRILLING Ø	QTY/BOX
13800140	1-5/8" (41 mm)	1



Keeper Latch for Surface Mounting

- For pilasters of any thickness

PRODUCT	CENTER TO CENTER	QTY/BOX
51600140	1-1/2"	1



Richelieu Section 21F



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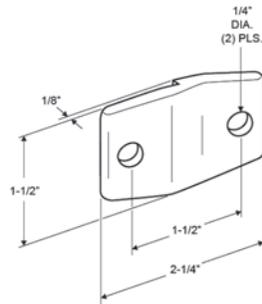
Bathroom Partition Hardware

Richelieu Section 21F

Alcove Clip

- Built to join panels and pilasters of different thicknesses.
Each clip 1/8" (3 mm)

PRODUCT	CENTER TO CENTER	QTY/BOX
83400140	1-1/2"	1



Barrel Nut – Unslotted

PRODUCT	LENGTH	QTY/BOX
97130140	5/8"	1
97630140	1/2"	1



One Way Shoulder Screw

PRODUCT	LENGTH	QTY/BOX
97830140	3/4"	1
97930140	1-5/16"	1
98130140	1-3/16"	1



One Way Screw Remover – #8-10

- One-way screw remover (#8-10)

PRODUCT	QTY/BOX
89250	1

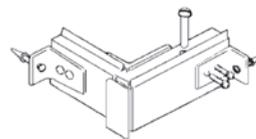


Headrail Wall Chrome Bracket

Products included in kit:

- 3 angle brackets (1-1/2" x 3-1/2")
- 2 headrail end plugs (plastic)
- 2 anchors (plastic) for #14-16 screws
- 2 Phillips Pan-A Chrome (12 x 1-1/2")
- 7 Phillips Pan-A Chrome (14 x 1")
- 7 Phillips Pan-A Chrome (14 x 3")

PRODUCT	QTY/BOX
157000140	1 kit

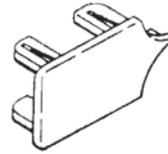


Bathroom Partition Hardware

Plug for Headrail

- 3/4" (19 mm) gray plastic headrail plug

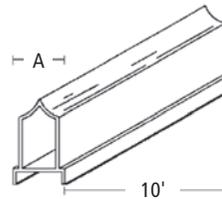
PRODUCT	QTY/BOX
67450100	1



Aluminum Headrail

Sold by length

PRODUCT	WIDTH (A)	LENGTH
80132010	3/4"	10'
80152010	1-1/4"	10'



Grab Bars

Angled Grab Bar

Grab bar in 18-gauge type 304 stainless steel with a brushed satin finish. Seamless construction, peened safety grip finish.

- Dimensions: 24" x 24" x 120°
- Mounting type: Wall mount

PRODUCT	FINISH	Ø	QTY/BOX
B8322PS802504	Stainless Steel	1-1/4" (32 mm)	1

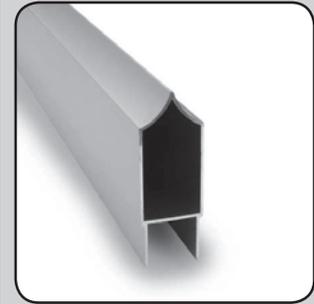
Straight Grab Bar

Grab bar in 18-gauge type 304 stainless steel with a brushed satin finish. Seamless construction, peened safety grip finish.

- Mounting type: Wall mount

PRODUCT	FINISH	Ø	LENGTH	QTY/BOX
B832200112	Stainless Steel	1-1/4" (32 mm)	24" (610 mm)	1
B832200124	Stainless Steel	1-1/4" (32 mm)	12" (305 mm)	1

Richelieu Section 21F



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CCRM 2018

Rolling Ladder Hardware

Wood Sliding Ladders

Black Satin Hardware Kit for 7-Step Wood Rolling Ladder

This kit lets you build a sliding ladder according to your specifications. Includes hardware for 7 steps. A set is sold separately to let you add the number of steps desired. Track may be joined end-to-end with the Alignment Set item no. 622104900 (sold separately). Mount wall bracket max. every 810 mm (32"), order min 4 brackets for 96" track.

- Material: Steel

PRODUCT	FINISH	RAIL LENGTH	QTY/BOX
622100900	Matte Black	8' (2.4 m)	1 kit

Suggested Product(s):

- 622196900 – 96" Aluminum Rail
- 622101900 – Hardware for Extra Step
- 622102900 – Track Wall Mounting Bracket
- 622103900 – 2 End Stoppers
- 622104900 – Alignment Set

Black Satin Hardware Kit with Hook for 7-Step Wood Ladder

This kit lets you build a sliding ladder according to your specifications. Includes hardware for 7 steps. A set is sold separately to let you add the number of steps desired. Track may be joined end-to-end with the connection assembly (sold separately).

- Hook option allows you to move ladder from one track to another
- Material: Steel

PRODUCT	FINISH	RAIL LENGTH	QTY/BOX
622107900	Matte Black	8' (2.4 m)	1 kit

Suggested Product(s):

- 622103900 – 2 End Stoppers
- 622106900 – Track Wall Mounting Bracket with 2 Screws (for Hook System)
- 622196900 – 96" Aluminum Rail
- 622101900 – Hardware for Extra Step
- 622104900 – Alignment Set

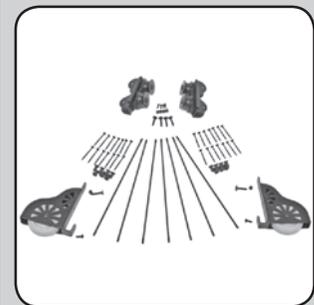
96" Aluminum Rail

PRODUCT	FINISH	DIMENSIONS	QTY/BOX
622196900	Matte Black	1" (25 mm)	1

Suggested Product(s):

- 622100900 – Black Satin Hardware Kit for 7-Step Wood Rolling Ladder
- 622102900 – Track Wall Mounting Bracket
- 622104900 – Alignment Set
- 622107900 – Black Satin Hardware Kit with Hook for 7-Step Wood Ladder
- 622106900 – Track Wall Mounting Bracket with 2 Screws (for Hook System)

Richelieu Section 21G



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Rolling Ladder Hardware

Wood Sliding Ladders

Richelieu Section 21G

Alignment Set

- For joining two rails

PRODUCT	QTY/BOX
622104900	1 set

Suggested Product(s):

622196900 – 96" Aluminum Rail
 622100900 – Black Satin Hardware Kit for 7-Step Wood Rolling Ladder
 622107900 – Black Satin Hardware Kit with Hook for 7-Step Wood Ladder

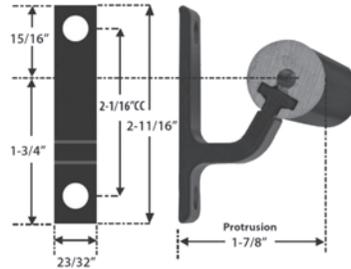


Track Wall Mounting Bracket with 2 Screws (for Hook System)

PRODUCT	QTY/BOX
622106900	1 set

Suggested Product(s):

622196900 – 96" Aluminum Rail
 622107900 – Black Satin Hardware Kit with Hook for 7-Step Wood Ladder



Track Wall Mounting Bracket

PRODUCT	QTY/BOX
622102900	1 set

Suggested Product(s):

622196900 – 96" Aluminum Rail
 622100900 – Black Satin Hardware Kit for 7-Step Wood Rolling Ladder

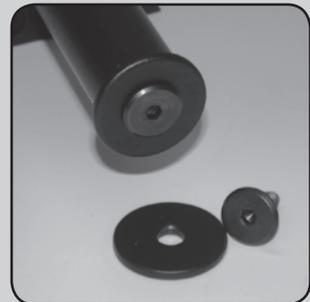


2 End Stoppers

PRODUCT	QTY/BOX
622103900	1 pair

Suggested Product(s):

622100900 – Black Satin Hardware Kit for 7-Step Wood Rolling Ladder
 622107900 – Black Satin Hardware Kit with Hook for 7-Step Wood Ladder



Rolling Ladder Hardware

Wood Sliding Ladders

Hardware for Extra Step

PRODUCT	QTY/BOX
622101900	1 set

Suggested Product(s):

- 622100900 – Black Satin Hardware Kit for 7-Step Wood Rolling Ladder
- 622107900 – Black Satin Hardware Kit with Hook for 7-Step Wood Ladder

Rolling Oak Ladder with Bottom Caster System

A beautiful addition to any home or business, this ladder stands up to the rigors of industry with the grace and beauty of fine furniture. Can be used for home libraries, lofts, stock rooms, kitchens, wine cellars, and closets. Upper rolling mechanism lets the ladder be pulled out for use or pushed back against shelves to conserve space. This top-mounted rolling mechanism is designed for a ladder permanently attached to the track. The angle it mounts is 78 degrees on the floor. The ladder can be pushed in straight up vertically for storage.

- Material: Red Oak
- Hardware Finish: Silver
- 9 steps
- Step depth: 4-1/4"
- Side depth: 3-1/4"
- Total width: 16"

PRODUCT	FINISH	DIMENSIONS	LOAD CAPACITY	RAIL LENGTH	QTY/BOX
2109106250	Natural	8' 11" (2.7 m)	0 to 250 lb (0 to 113 kg)	10' (3 m)	1

Suggested Product(s):

- 142729106 – Rail End Wall Bracket
- 142731106 – Center Wall Bracket
- 147810106 – Track in Steel

Straight Bracket

Straight bracket for rolling ladder #2109106250.

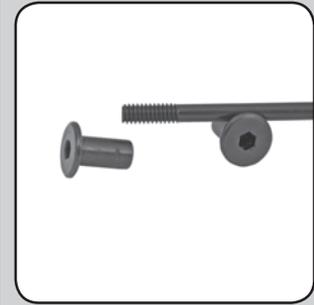
Sold by unit

PRODUCT	FINISH	TYPE	QTY/BOX
142729106	Silver	Rail End Wall Bracket	1
142731106	Silver	Center Wall Bracket	1

Suggested Product(s):

- 147810106 – Track in Steel

Richelieu Section 21G



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CCRM 2018

Rolling Ladder Hardware

Wood Sliding Ladders

Richelieu Section 21G

Suspended Oak Ladder with Bottom Caster System

Ladder rolls easily on bottom casters. A beautiful addition to any home or business, this ladder stands up to the rigors of industry with the grace and beauty of fine furniture. Can also be used for home libraries, lofts, stock rooms, kitchens, wine cellars, and closets.

- Material: Red Oak
- Hardware Finish: Silver
- 9 steps
- Step depth: 4-1/4"
- Side depth: 3-1/4"
- Total width: 16"

PRODUCT	FINISH	DIMENSIONS	LOAD CAPACITY	RAIL LENGTH	QTY/BOX
2309106250	Natural	8' 2-35/64" (2.5 m)	0 to 250 lb (0 to 113 kg)	10' (3 m)	1

Suggested Product(s):

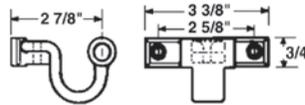
- 147810106 – Track in Steel
- 142730106 – Rail End Wall Bracket
- 142732106 – Center Wall Bracket

Curved Bracket

Curved bracket for suspended ladder #2309106250.

Sold by unit

PRODUCT	FINISH	TYPE	QTY/BOX
142732106	Silver	Center Wall Bracket	1
142730106	Silver	Rail End Wall Bracket	1



Suggested Product(s):

- 2309106250 – Suspended Oak Ladder with Bottom Caster System
- 147810106 – Track in Steel

Stainless Steel Sliding Ladders

Stainless Steel 8-Step Sliding Ladder Set

This sliding ladder concept is a flexible, elegant solution for your interior design scenario. Add a personal touch by choosing your own wooden steps.

- Material: Stainless Steel
- Distance between Floor and Tie Rod: 98-7/16" (2500 mm)

PRODUCT	FINISH	LOAD CAPACITY	QTY/BOX
60102500170	Stainless Steel	0 to 265 lb (0 to 120 kg)	1 set

Suggested Product(s):

- 62601725 – Oak Step for Sliding Ladder
- 62601803 – Birch Step for Sliding Ladder
- 892000202170, 892000203170 – Stainless Steel Track
- 89210020170 – Wall Mount - Minimax



Rolling Ladder Hardware

Stainless Steel Sliding Ladders

Sliding Ladder Bracket in Stainless Steel

Another attractive option that lets you put your creative ideas to work. For an even edge, the carriage can be housed in a milled groove. Hardware can also be screwed directly to the ladder surface.

Included Product(s):

- 2 brackets with rollers
- 2 stops

PRODUCT	FINISH	TYPE	QTY/BOX
6030170	Stainless Steel	Rolling Bracket Kit	1

Suggested Product(s):

89210020170 – Wall Mount - Minimax
 892000202170, 892000203170 – Stainless Steel Track

Step for Sliding Ladder

PRODUCT	FINISH	QTY/BOX
62601725	Oak	1
62601803	Birch	1

Wall Mount - Minimax

For wall-mounting a track 20 mm in diameter.

Included Product(s):

- 2 spacer tubes
- One 34 mm for wood doors
- One 21 mm for glass doors

PRODUCT	FINISH	QTY/BOX
89210020170	Stainless Steel	1

Suggested Product(s):

892000202170, 892000203170 – Stainless Steel Track

Stainless Steel Track

Pre-drilled track.

- Rail material: Stainless Steel

Sold by length

PRODUCT	FINISH	Ø	RAIL LENGTH	QTY/BOX
892000202170	Stainless Steel	25/32" (20 mm)	78-3/4" (2 m)	1
892000252170	Stainless Steel	31/32" (25 mm)	78-3/4" (2 m)	1
892000203170	Stainless Steel	25/32" (20 mm)	9' 10-7/64" (3 m)	1
892000253170	Stainless Steel	31/32" (25 mm)	9' 10-7/64" (3 m)	1

Richelieu Section 21G



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CCRM 2018

Rolling Ladder Hardware

Steel Sliding Ladders

Richelieu Section 21G

Steel Sliding Ladder Set

Sliding ladder set. Structure constructed in varnished iron with plastic wheels to guarantee smooth, silent sliding. Mounted on a 3-meter aluminum rail.

- Anti-slip rungs
- Bottom caster with lock
- Material: Steel
- Distance between Floor and Tie Rod: 80-5/16" (2040 mm)

PRODUCT	FINISH	RAIL LENGTH	LOAD CAPACITY	QTY/BOX
711510	Satin Aluminium	9' 10-7/64" (3 m)	0 to 353 lb (0 to 160 kg)	1

Suggested Product(s):

1265110 – Aluminum Upper Track for Sliding Ladder
86010 – Installation Kit for Track

Aluminum Upper Track for Sliding Ladder

- 3 meters long

Sold by length

PRODUCT	MATERIAL	RAIL LENGTH	QTY/BOX
1265110	Aluminum	9' 10-7/64" (3 m)	1

Suggested Product(s):

711510 – Steel Sliding Ladder Set
86010 – Installation Kit for Track

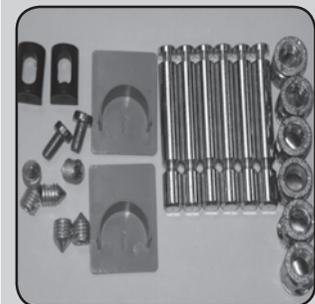
Installation Kit for Track

Tie rod for rail mounting with barrel and bolt, screws, end caps, and end stoppers.

PRODUCT	QTY/BOX
86010	1 set

Suggested Product(s):

711510 – Steel Sliding Ladder Set
1265110 – Aluminum Upper Track for Sliding Ladder



Door Hardware

Interior Door - Residential

3" Full Mortise Butt Hinge - 1/4" Radius

Add the finishing touch to your project with our variety of butt hinges.

Specification(s):

- Height: 3" (76 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Assembled
- Removable Pin
- Thickness: 3/32" (2 mm)
- Screw: Included
- Width - Overall Dimensions: 3" (76 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
2820ABB	Antique Brass	2
2820ANB	Antique Nickel	2
2820ANV	Antique Nickel	10
2820FBB	Black	2
2820FBV	Black	10
2820BB	Brass	2
2820BV	Brass	10
2820BE	Brass	12
2820ACBB	Brushed Antique Copper	2
2820BCB	Brushed Chrome	2
2820BCV	Brushed Chrome	10
2820NBB	Brushed Nickel	2
2820NBV	Brushed Nickel	10
2820CB	Chrome	2
2820CV	Chrome	10
2820ORBB	Oil-Rubbed Bronze	2
2820ORB	Oil-Rubbed Bronze	10
2820WB	White	2
2820WV	White	10



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CCRM 2018

3" Full Mortise Butt Hinge - 5/8" Radius

Add the finishing touch to your project with our variety of butt hinges.

Specification(s):

- Height: 3" (76 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Assembled
- Removable Pin
- Thickness: 2 mm
- Screw: Included
- Width - Overall Dimensions: 3" (76 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included. (Except: 1820NBKDS, 1820ORBKDS, 1820FBKDS, 1820ABKDS and 1820ANKDS)

PRODUCT	FINISH	MATERIAL	QTY/BOX
1820ABB	Antique Brass	Steel	2
1820ABV	Antique Brass	Steel	10
1820ANB	Antique Nickel	Steel	2
1820ANV	Antique Nickel	Steel	10
1820FBB	Black	Steel	2
1820FBV	Black	Steel	10
1820BB	Brass	Steel	2
1820BV	Brass	Steel	10
1820BE	Brass	Steel	12
1820ACBB	Brushed Antique Copper	Steel	2
1820BCB	Brushed Chrome	Steel	2
1820BCV	Brushed Chrome	Steel	10
1820NBB	Brushed Nickel	Steel	2
1820NBV	Brushed Nickel	Steel	10
1820ORBB	Oil-Rubbed Bronze	Steel	2
1820ORBV	Oil-Rubbed Bronze	Steel	10
1820CB	Polished Chrome	Steel	2
1820SSB	Stainless Steel	Stainless Steel	2
1820WB	White	Steel	2
1820WV	White	Steel	10

3" Full Mortise Ball Bearing Hinge

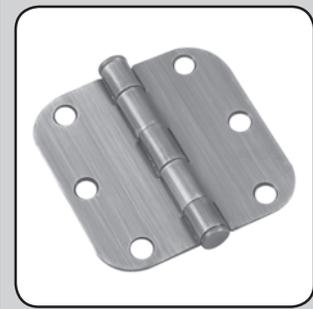
Specification(s):

- Height: 3" (76 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Stainless Steel
- Assembled / Non-Assembled: Assembled
- Removable Pin
- Thickness: 2.2 mm
- Screw: Included
- Width - Overall Dimensions: 3" (76 mm)

Included:

#9 flat head Quadrex drive wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
41820ANB	Antique Nickel	2
41820FBB	Black	2
41820NBB	Brushed Nickel	2
41820ORBB	Oil-Rubbed Bronze	2



CCRM 2018

3" Full Mortise Ball Bearing Hinge

Add the finishing touch to your project with our variety of butt hinges.

Specification(s):

- Height: 3" (76 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Assembled
- Removable Pin
- Thickness: 2 mm
- Finial Style: SteepleTip
- Screw: Included
- Width - Overall Dimensions: 3" (76 mm)

Included:

2 hinges with 12 screws #9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
71820ABB	Antique Brass	2
71820ANB	Antique Nickel	2
7820ANB*	Antique Nickel	2
71820BBB	Bright Brass	2
7820BBB*	Bright Brass	2
71820NBB	Brushed Nickel	2
7820NBB*	Brushed Nickel	2
71820ORBB	Oil-Rubbed Bronze	2

* Classic style

3" Full Mortise Combination Butt Hinge - Square, 5/8" radius

Corner type combination

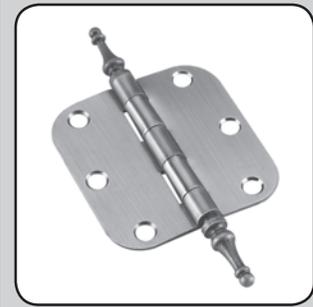
Specification(s):

- Height: 3" (76 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Removable Pin
- Thickness: 2 mm
- Screw: Included
- Width - Overall Dimensions: 3-3/16" (81 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
81820ABB	Antique Brass	2
81820ANB	Antique Nickel	2
81820FBB	Black	2
81820BB	Brass	2
81820BBS	Brass	3
81820ACBB	Brushed Antique Copper	2
81820BCB	Brushed Chrome	2
81820NBB	Brushed Nickel	2
81820ORBB	Oil-Rubbed Bronze	2



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3" Full Mortise Butt Hinge - Square

Specification(s):

- Height: 3" (76 mm)
- Style: Classic
- Safe Working Load: 50 lb (22.7 kg)
- Assembled
- Thickness: 2 mm
- Width - Overall Dimensions: 3" (76 mm)

Included:

#9 x 19 mm (3/4") flat head Quadrex drive coarse thread wood screws with type 17 tip included. (Except: 2827XB, 827FBB, 827XB and 827XBC)



PRODUCT	FINISH	MATERIAL	PIN	SCREW/NAIL INCLUDED	QTY/BOX
820ABB	Antique Brass	Steel	Removable Pin	Yes	2
820ABV	Antique Brass	Steel	Removable Pin	Yes	10
820ANB	Antique Nickel	Steel	Removable Pin	Yes	2
820ANV	Antique Nickel	Steel	Removable Pin	Yes	10
820FBB	Black	Steel	Removable Pin	Yes	2
820FBV	Black	Steel	Removable Pin	Yes	10
820BB	Brass	Steel	Removable Pin	Yes	2
820BV	Brass	Steel	Removable Pin	Yes	10
820BR	Brass	Steel	Removable Pin	Yes	10
820BE	Brass	Steel	Removable Pin	Yes	12
820BBR	Bright Brass	Steel	Removable Pin	Yes	10
820ACBB	Brushed Antique Copper	Steel	Removable Pin	Yes	2
820BCB	Brushed Chrome	Steel	Removable Pin	Yes	2
820BCV	Brushed Chrome	Steel	Removable Pin	Yes	10
820NBB	Brushed Nickel	Steel	Removable Pin	Yes	2
820NBV	Brushed Nickel	Steel	Removable Pin	Yes	10
820CB	Chrome	Steel	Removable Pin	Yes	2
820CV	Chrome	Steel	Removable Pin	Yes	10
827GAR	Galvanized	Steel	Removable Pin	Yes	10
820ORBB	Oil-Rubbed Bronze	Steel	Removable Pin	Yes	2
820ORBV	Oil-Rubbed Bronze	Steel	Removable Pin	Yes	10
827SSV	Stainless Steel	Stainless Steel	Removable Pin	Yes	2
827SSR	Stainless Steel	Stainless Steel	Removable Pin	Yes	10
820SSB	Stainless Steel	Steel	Removable Pin	Yes	2
820WB	White	Steel	Removable Pin	Yes	2
820WV	White	Steel	Removable Pin	Yes	10
820WR	White	Steel	Removable Pin	Yes	10
2827XB	Zinc	Steel	Non-Removable Pin	No	1
2827XV	Zinc	Steel	Non-Removable Pin	No	2
827XV	Zinc	Steel	Removable Pin	Yes	2
827XR	Zinc	Steel	Removable Pin	Yes	10
827XB	Zinc	Steel	Removable Pin	No	10
827XBC	Zinc	Steel	Removable Pin	No	10

3-1/2" Full Mortise Ball Bearing Butt Hinge

Specification(s):

- Height: 3-1/2" (89 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Assembled / Non-Assembled: Assembled
- Non-Removable Pin
- Thickness: 3.1 mm
- Screw: Included
- Width - Overall Dimensions: 3-1/2" (89 mm)

Included:

All hinges come with 6 flat head Phillips/square drive wood screws and 6 #10 x 1/2" flat head Phillips/square drive machine screws per hinge.

PRODUCT	FINISH	QTY/BOX
42821FBB	Black	2
4821FBB*	Black	2
42821BCB	Brushed Chrome	2
4821CB*	Brushed Chrome	2
42821NBB	Brushed Nickel	2
4821NBB*	Brushed Nickel	2
42821ORBB	Oil-Rubbed Bronze	2
42821CB	Polished Chrome	2
42821SANB	Satin Antique Nickel	2

* Classic style

3-1/2" Full Mortise Adjustable Spring Hinge

Add the finishing touch to your project with our variety of butt hinges.

Specification(s):

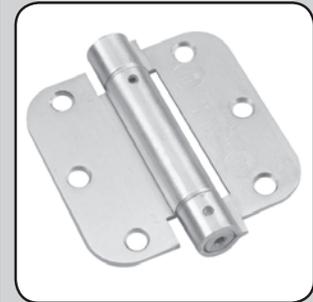
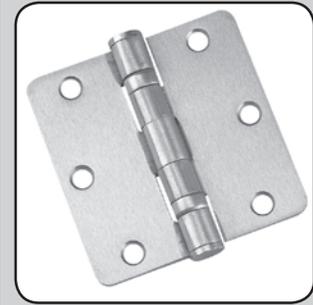
- Height: 3-1/2" (89 mm)
- Safe Working Load: 30 lb (13.6 kg)
- Material: Steel
- Assembled
- Non-Removable Pin
- Thickness: 2.7 mm
- Screw: Included
- Width - Overall Dimensions: 3-1/2" (89 mm)
- Standards and Certifications: UL

Included:

6 wood screws #10 x 1" and 6 machine screws #10-24 x 1/2" included.

PRODUCT	FINISH	QTY/BOX
52821FBB	Black	2
51821BR	Brass	1
52821BR	Brass	1
5821BR*	Brass	1
51821BCR	Brushed Chrome	1
52821BCR	Brushed Chrome	1
52821BCB	Brushed Chrome	2
5821BCR*	Brushed Chrome	1
51821NBR	Brushed Nickel	1
52821NBR	Brushed Nickel	1
5821NBR*	Brushed Nickel	1

* Classic style



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CCRM 2018

3-1/2" Full Mortise Combination Butt Hinge

Corner Type Combination

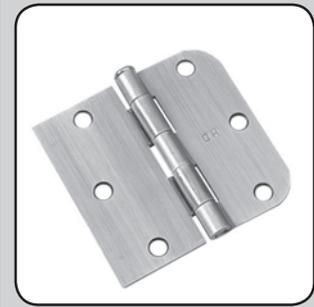
Specification(s):

- Height: 3-1/2" (89 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Assembled
- Removable Pin
- Thickness: 2.2 mm
- Screw: Included
- Width - Overall Dimensions: 3-11/16" (94 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
81821ABB	Antique Brass	2
81821ANB	Antique Nickel	2
81821ANB3	Antique Nickel	3
81821FBB	Black	2
81821FBB3	Black	3
81821BB	Brass	2
81821ACBB	Brushed Antique Copper	2
81821BCB	Brushed Chrome	2
81821BCB3	Brushed Chrome	3
81821NBB	Brushed Nickel	2
81821NBB3	Brushed Nickel	3
81821ORBB	Oil-Rubbed Bronze	2



Door Hardware

Interior Door - Residential

3-1/2" Full Mortise Butt Hinge - 5/8" Radius

Specification(s):

- Height: 3-1/2" (89 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Assembled
- Removable Pin
- Thickness: 2.2 mm
- Screw: Included
- Width - Overall Dimensions: 3-1/2" (89 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
1821ABB	Antique Brass	2
1821ABIP	Antique Brass	50
1821ABIPS2	Antique Brass	100
1821ANB	Antique Nickel	2
1821ANB3S	Antique Nickel	3
1821ANIP	Antique Nickel	50
1821FBB	Black	2
1821FBB3S	Black	3
1821FBV	Black	10
1821FBIP	Black	50
1821BB	Brass	2
1821BV	Brass	10
1821BE	Brass	12
1821BIP	Brass	50
1821BIPS2	Brass	100
1821ACBB	Brushed Antique Copper	2
1821BCB	Brushed Chrome	2
1821BCB3S	Brushed Chrome	3
1821BCV	Brushed Chrome	10
1821BCIP	Brushed Chrome	50
1821NBB	Brushed Nickel	2
1821NBB3S	Brushed Nickel	3
1821NBV	Brushed Nickel	10
1821NBIP	Brushed Nickel	50
1821NBIPS2	Brushed Nickel	100
1821CB	Chrome	2
1821CIP	Chrome	50
1821ORBB	Oil-Rubbed Bronze	2
1821ORB	Oil-Rubbed Bronze	10
1821ORBIP	Oil-Rubbed Bronze	50
1821BSIP	Satin Brass	50
1821WB	White	2
1821XIP	White	50



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3-1/2" Full Mortise Butt Hinge - 1/4" Radius

Specification(s):

- Height: 3-1/2" (89 mm)
- Safe Working Load: 50 lb (22.7 kg)
- Material: Steel
- Removable Pin
- Thickness: 2.2 mm
- Width - Overall Dimensions: 3-1/2" (89 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included for products where it says "screw/nail included"



PRODUCT	FINISH	ASSEMBLED	SCREW/NAIL INCLUDED	QTY/BOX
2821ABB	Antique Brass	Yes	Yes	2
2821ANB	Antique Nickel	Yes	Yes	2
2821ANV	Antique Nickel	Yes	Yes	10
2821FBB	Black	Yes	Yes	2
2821FBV	Black	Yes	Yes	10
2821BB	Brass	Yes	Yes	2
2821BE	Brass	Yes	Yes	12
2821ACBB	Brushed Antique Copper	Yes	Yes	2
2821BCB	Brushed Chrome	Yes	Yes	2
2821BCV	Brushed Chrome	Yes	Yes	10
2821BCKDS	Brushed Chrome	No	No	50
2821NBB	Brushed Nickel	Yes	Yes	2
2821NBV	Brushed Nickel	Yes	Yes	10
2821CB	Chrome	Yes	Yes	2
2821CV	Chrome	Yes	Yes	10
2821CIP	Chrome	Yes	Yes	50
2821ORBB	Oil-Rubbed Bronze	Yes	Yes	2
2821ORBV	Oil-Rubbed Bronze	Yes	Yes	10
2821SSB	Stainless Steel	Yes	Yes	2
2821WB	White	Yes	Yes	2

Door Hardware

Interior Door - Residential

onward

Richelieu Section 21H

3-1/2" Full Mortise Butt Hinge - Square

Specification(s):

- Height: 3-1/2" (89 mm)
- Style: Classic
- Safe Working Load: 50 lb (22.7 kg)
- Assembled
- Thickness: 2.2 mm
- Width - Overall Dimensions: 3-1/2" (89 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included for products when it says "screw included".

PRODUCT	FINISH	MATERIAL	PIN	SCREW/NAIL INCLUDED	QTY/BOX
821ABB	Antique Brass	Steel	Removable Pin	Yes	2
821ANB	Antique Nickel	Steel	Removable Pin	Yes	2
821ANV	Antique Nickel	Steel	Removable Pin	Yes	10
821FBB	Black	Steel	Removable Pin	Yes	2
821FBV	Black	Steel	Removable Pin	Yes	10
828FBR	Black	Steel	Removable Pin	Yes	10
821BB	Brass	Steel	Removable Pin	Yes	2
821BV	Brass	Steel	Removable Pin	Yes	10
821BE	Brass	Steel	Removable Pin	Yes	12
821BR	Brass	Steel	Removable Pin	Yes	10
821BBR	Bright Brass	Steel	Removable Pin	Yes	10
821ACBB	Brushed Antique Copper	Steel	Removable Pin	Yes	2
821BCB	Brushed Chrome	Steel	Removable Pin	Yes	2
821BCV	Brushed Chrome	Steel	Removable Pin	Yes	10
821NBB	Brushed Nickel	Steel	Removable Pin	Yes	2
821NBV	Brushed Nickel	Steel	Removable Pin	Yes	10
821CB	Chrome	Steel	Removable Pin	Yes	2
821CV	Chrome	Steel	Removable Pin	Yes	10
828GAR	Galvanized	Steel	Removable Pin	Yes	10
821ORBB	Oil-Rubbed Bronze	Steel	Removable Pin	Yes	2
821ORB	Oil-Rubbed Bronze	Steel	Removable Pin	Yes	10
828CBXV	Rust-Resistant	Steel	Removable Pin	Yes	2
828SSV	Stainless Steel	Stainless Steel	Removable Pin	Yes	2
828SSR	Stainless Steel	Stainless Steel	Removable Pin	Yes	10
821SSB	Stainless Steel	Steel	Removable Pin	Yes	2
821WB	White	Steel	Removable Pin	Yes	2
2828XB	Zinc	Steel	Non-Removable Pin	No	1
2828XV	Zinc	Steel	Non-Removable Pin	Yes	2
828XV	Zinc	Steel	Removable Pin	Yes	2
828XR	Zinc	Steel	Removable Pin	Yes	10
828XB	Zinc	Steel	Removable Pin	No	10
828XBC	Zinc	Steel	Removable Pin	No	1



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Door Hardware

Interior Door - Spring Hinges - Residential

onward

Richelieu Section 21H

3" Double Action Spring Hinge

Automatic hinge swings door in both directions.

- For door thicknesses from 3/4" to 1-3/8" (19 to 35 mm)
- Door height 7'0"
- 30 lb (13.6 kg) door requires 2 hinges
- 38 lb (15.9 kg) door requires 3 hinges

Specification(s):

- Height: 3-3/4" (95 mm)
- Safe Working Load: 15 lb (6.8 kg)
- Material: Steel
- Assembled
- Non-Removable Pin
- Thickness: 1-1/32" (26 mm)
- Screw: Included
- Width - Overall Dimensions: 5-25/32" (147 mm)

Included:

These hinges come with 12 #6 x 7/8" flat head Phillips wood screws.

PRODUCT	FINISH	QTY/BOX
810FBB	Black	2
810BB	Brass	2
810SCB	Satin Chrome	2



Door Hardware

Interior Door - Decorative Hinges - Residential

onward

Richelieu Section 21H

Decorative Paumelle-Type Split-Hinge

Specification(s):

- Height: 4-1/4" (108 mm)
- Material: Solid Brass
- Finial Style: SteepleTip
- Width - Overall Dimensions: 2-1/8" (54 mm)

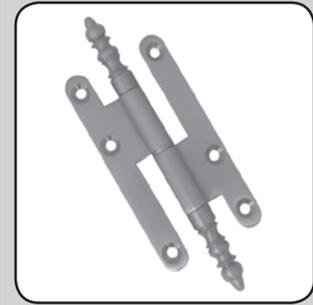
PRODUCT	FINISH	ASSEMBLED	QTY/BOX
ISA448LEFT	Antique Brass	Left Hand	10
ISA448RIGHT	Antique Brass	Right Hand	10
ISA818LEFT	Black	Left Hand	10
ISA818RIGHT	Black	Right Hand	10
ISA558LEFT	Bright Brass	Left Hand	10
ISA558RIGHT	Bright Brass	Right Hand	10
ISA118L	Oil-Rubbed Bronze	Left Hand	10
ISA118R	Oil-Rubbed Bronze	Right Hand	10
ISA338LEFT	Pewter	Left Hand	10
ISA338RIGHT	Pewter	Right Hand	10
ISA228LEFT	Satin Nickel	Left Hand	10
ISA228RIGHT	Satin Nickel	Right Hand	10

Decorative Paumelle-Type Split-Hinge

Specification(s):

- Height: 3-1/8" (80 mm)
- Material: Solid Brass
- Finial Style: SteepleTip
- Width - Overall Dimensions: 1-13/16 in" (46 mm)

PRODUCT	FINISH	ASSEMBLED	QTY/BOX
JUSB448LEFT	Antique Brass	Left Hand	20
JUSB448RIGHT	Antique Brass	Right Hand	20
JUSB558LEFT	Bright Brass	Left Hand	20
JUSB558RIGHT	Bright Brass	Right Hand	20
JUSB118L	Oil-Rubbed Bronze	Left Hand	20
JUSB118R	Oil-Rubbed Bronze	Right Hand	20
JUSB338LEFT	Pewter	Left Hand	20
JUSB338RIGHT	Pewter	Right Hand	20
JUSB228L	Satin Nickel	Left Hand	20
JUSB228R	Satin Nickel	Right Hand	20



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Door Hardware

Interior Door - Decorative Hinges - Residential

onward

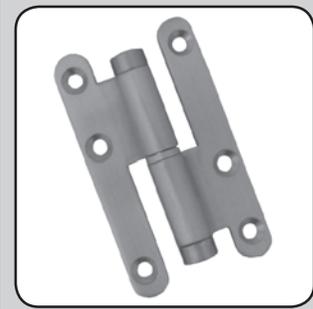
Richelieu Section 21H

Decorative Paumelle-Type Split-Hinge

Specification(s):

- Height: 3-1/8" (80 mm)
- Material: Solid Brass
- Width - Overall Dimensions: 1-13/16" (46 mm)

PRODUCT	FINISH	ASSEMBLED	QTY/BOX
JUFTSB448L	Antique Brass	Left Hand	20
JUFTSB448R	Antique Brass	Right Hand	20
JUFTLEFT	Black	Left Hand	20
JUFTRIGHT	Black	Right Hand	20
JUFTSB558L	Bright Brass	Left Hand	20
JUFTSB558R	Bright Brass	Right Hand	20
JUFTSBUNL	Bright Brass (unlacquered)	Left Hand	20
JUFTSBUNR	Bright Brass (unlacquered)	Right Hand	20
JUFTSB118L	Oil-Rubbed Bronze	Left Hand	20
JUFTSB118R	Oil-Rubbed Bronze	Right Hand	20
JUFTSB228L	Satin Nickel	Left Hand	20
JUFTSB228R	Satin Nickel	Right Hand	20



Door Hardware

Interior Door - Spring Hinges - Commercial

4-1/2" Full Mortise Adjustable Spring Hinge

Specification(s):

- Height: 4-1/2" (114 mm)
- Safe Working Load: 45 lb (20.4 kg)
- Material: Steel
- Non-Removable Pin
- Thickness: 3.4 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)
- Standards and Certifications: UL

Included:

8 pcs #12x1-1/4" wood screws and 8 pcs #12-24 x 1/2" machine screws included.

PRODUCT	FINISH	QTY/BOX
52823FBB	Black	2
52823BB	Brass	2
5823BB*	Brass	2
52823BCB	Brushed Chrome	2
5823BCB*	Brushed Chrome	2
52823NBB	Brushed Nickel	2
5823NBB	Brushed Nickel	2
5823ABB*	Antique Brass	2
5823ANB*	Antique Nickel	2
5823ORBB*	Oil-Rubbed Bronze	2

* Classic style

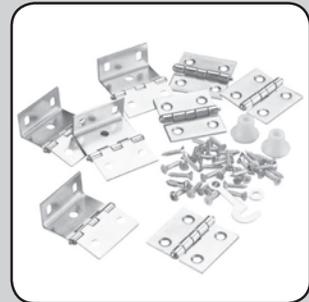
Hardware Shutter Kit

Mounting screws included.

Specification(s):

- Material: Steel

PRODUCT	FINISH	QTY/BOX
819BR	Polished Brass	1



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Door Hardware

Entry Door - Residential

onward

Richelieu Section 21H

4" Full Mortise Butt Hinge - 1/4" Radius

Specification(s):

- Height: 4" (102 mm)
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Assembled
- Removable Pin
- Thickness: 2.5 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
2822ANB	Antique Nickel	2
2822FBB	Black	2
2822BB	Brass	2
2822BCB	Brushed Chrome	2
2822NBB	Brushed Nickel	2
2822ORB	Oil-Rubbed Bronze	2



4" Full Mortise Butt Hinge - 5/8" Radius

Specification(s):

- Height: 4" (102 mm)
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Assembled
- Thickness: 2.5 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	PIN	QTY/BOX
1822ANB	Antique Nickel	Removable Pin	2
1822FBNRPB	Black	Non-Removable Pin	2
1822FBB	Black	Removable Pin	2
1822BB	Brass	Removable Pin	2
1822BCNRPB	Brushed Chrome	Non-Removable Pin	2
1822BCB	Brushed Chrome	Removable Pin	2
1822NBNRPB	Brushed Nickel	Non-Removable Pin	2
1822NBB	Brushed Nickel	Removable Pin	2
1822ORBNRPB	Oil-Rubbed Bronze	Non-Removable Pin	2
1822ORB	Oil-Rubbed Bronze	Removable Pin	2
1822XIP	Zinc	Removable Pin	50



4" Full Mortise Combination Anti-Theft Hinge

Specification(s):

- Height: 4" (102 mm)
- Width - Overall Dimensions: 4" (102 mm)
- Corner Type: Square, 5/8" Radius (16 mm)
- Non-Removable Pin
- Material: Steel
- Thickness: 2.5 mm
- Non-Assembled

PRODUCT	FINISH	GAP	QTY/BOX
BBAV078	Brass	1/8"	Pair
BBAV138	Satin Chrome	1/8"	Pair

4" Full Mortise Combination Ball Bearing Butt Hinge

Specification(s):

- Height: 4" (102 mm)
- Width - Overall Dimensions: 4" (102 mm)
- Corner Type: Square, 5/8" Radius (16 mm)
- Non-Removable Pin
- Thickness: 2.5 mm

PRODUCT	FINISH	MATERIAL	GAP	ASSEMBLED	QTY/BOX
BBSS30418	Satin Stainless Steel	Stainless Steel	1/8"	No	Pair
BBZP028AG	Zinc	Steel	1/8"	Left Hand	Pair
BBZP028AD	Zinc	Steel	1/8"	Right Hand	Pair

4" Full Mortise Ball Bearing Butt Hinge

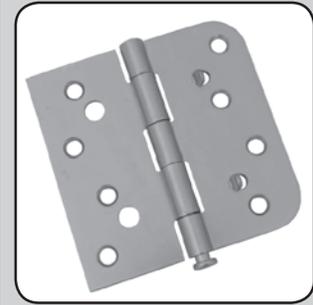
Specification(s):

- Height: 4" (102 mm)
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Assembled / Non-Assembled: Assembled
- Non-Removable Pin
- Thickness: 3.3 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)

Included:

- Each hinge comes with 8 flat head Phillips/square drive wood screws and 8 #10 x 1/2" flat head Phillips/square drive machine screws

PRODUCT	FINISH	QTY/BOX
42822FBB	Black	3
42822CB	Brushed Chrome	3
42822NBB	Brushed Nickel	3

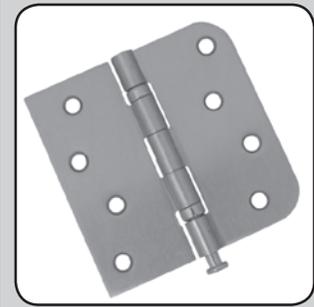


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4" Full Mortise Combination Ball Bearing Butt Hinge

Specification(s):

- Height: 4" (102 mm)
- Width - Overall Dimensions: 4" (102 mm)
- Corner Type: Square, 5/8" Radius (16 mm)
- Gap: 1/8"
- Material: Steel
- Thickness: 2.5 mm
- Screw: Included



PRODUCT	FINISH	PIN	FINIAL STYLE	ASSEMBLED	QTY/BOX
BB418	Antique Brass	Non-Removable	Flathead Pin	No	2
BB418PNRPDP3	Antique Brass	Non-Removable	Fixed Pagoda Tips (both ends)	Yes	2
BB418DP3	Antique Brass	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BB518DP3	Black	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BB518PNRPDP3	Black	Non-Removable	Fixed Pagoda Tips (both ends)	Yes	2
BB518	Black	Non-Removable	Flathead Pin	No	2
BB718DP3	Oil-Rubbed Bronze	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BB718PNRPDP3	Oil-Rubbed Bronze	Non-Removable	Fixed Pagoda Tips (both ends)	Yes	2
BB718	Oil-Rubbed Bronze	Non-Removable	Flathead Pin	No	2
BB318DP3	Pewter	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BB318PNRPDP3	Pewter	Non-Removable	Fixed Pagoda Tips (both ends)	Yes	2
BB318	Pewter	Non-Removable	Flathead Pin	No	2
BB138DP3	Satin Chrome	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BB138PNRPDP3	Satin Chrome	Non-Removable	Fixed Pagoda Tips (both ends)	Yes	2
BB138	Satin Chrome	Non-Removable	Flathead Pin	No	2
BB028AG	Satin Chrome	Removable	Flathead Pin	Left Hand	2
BB028AD	Satin Chrome	Removable	Flathead Pin	Right Hand	2
BB028	Satin Chrome	Removable	Flathead Pin	No	2
BB218DP3	Satin Nickel	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BB218PNRPDP3	Satin Nickel	Non-Removable	Fixed Pagoda Tips (both ends)	Yes	2
BB218	Satin Nickel	Non-Removable	Flathead Pin	No	2
BBZP138DP3	Zinc	Non-Removable	Fixed Flat Tips (both ends)	Yes	2
BBZP138	Zinc	Non-Removable	Flathead Pin	No	2
BBZP028	Zinc	Removable	Flathead Pin	No	2

4" Full Mortise Combination Ball Bearing Butt Hinges

Specification(s):

- Height: 4" (102 mm)
- Width - Overall Dimensions: 4" (102 mm)
- Corner Type: Square, 5/8" Radius (16 mm)
- Non-Removable Pin
- Gap: 2.3 mm
- Material: Solid Brass
- Thickness: 1/8" (3 mm)
- Assembled
- Screw: Included

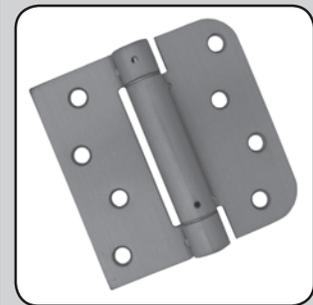
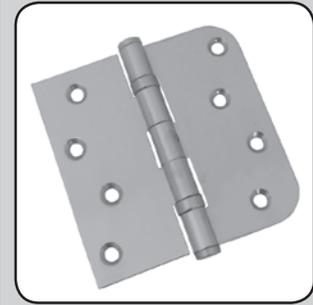
PRODUCT	FINISH	FINIAL STYLE	QTY/BOX
BB818NRP	Black	Flat Tip	25
BB818PNRP	Black	Pagoda Tip	25
BB558NRP	Bright Brass	Non-removable Flat Tip	25
BB558PNRP	Bright Brass	Pagoda Tip	25
BB118NRP	Oil-Rubbed Bronze	Flat Tip	25
BB118PNRP	Oil-Rubbed Bronze	Pagoda Tip	25
BB338NRP	Pewter	Flat Tip	1
BB448NRP	Pewter	Flat Tip	25
BB338PNRP	Pewter	Pagoda Tip	1
BB448PNRP	Pewter	Pagoda Tip	25
BB778NRP	PVD Coated	Flat Tip	25
BB888NRP	Satin Chrome	Flat Tip	1
BB888PNRP	Satin Chrome	Pagoda Tip	25
BB228NRP	Satin Nickel	Flat Tip	25
BB228PNRP	Satin Nickel	Pagoda Tip	25

4" Full Mortise Combination Adjustable Spring Hinge

Specification(s):

- Height: 4" (102 mm)
- Width - Overall Dimensions: 4" (102 mm)
- Corner Type: Square, 5/8" Radius (16 mm)
- Gap: 1/8"
- Material: Steel
- Thickness: 2.3 mm
- Assembled

PRODUCT	FINISH	QTY/BOX
CRAB	Antique Brass	1
CRBL	Black	1
CRBB	Bright Brass	1
CRORB	Oil-Rubbed Bronze	1
CRPW	Pewter	1
CRSC	Satin Chrome	1
CRSN	Satin Nickel	1



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Door Hardware

Entry Door - Residential

onward

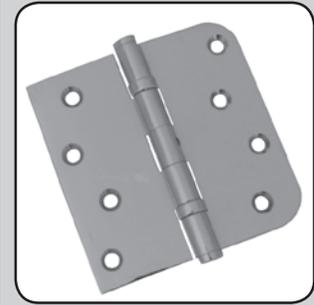
Richelieu Section 21H

4" Full Mortise Combination Ball Bearing Butt Hinge

Specification(s):

- Height: 4" (102 mm)
- Material: Solid Brass
- Assembled
- Non-Removable Pin
- Gap: 1/8"
- Thickness: 1/8" (3 mm)
- Width - Overall Dimensions: 4" (102 mm)

PRODUCT	FINISH	QTY/BOX
LM48NRP	Antique Brass	Pair
LM818NRP	Black	Pair
LM78NRP	Bright Brass	Pair
LM18NRP	Oil-Rubbed Bronze	Pair
LM38NRP	Pewter	Pair
LM88NRP	Satin Chrome	Pair



4" Full Mortise Combination Butt Hinge - Assembled

Reversible

Specification(s):

- Height: 4" (102 mm)
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Reversible
- Removable Pin
- Gap: 1/8"
- Thickness: 2.5 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included.

PRODUCT	FINISH	QTY/BOX
81822ABB	Antique Brass	3
81822ANB	Antique Nickel	3
81822FBB	Black	3
81822BB	Brass	3
81822BCB	Brushed Chrome	3
81822NBB	Brushed Nickel	3
81822ORBB	Oil-Rubbed Bronze	3
81822XB	Zinc	3



Door Hardware

Entry Door - Residential

onward

Richelieu Section 21H

4" Full Mortise Butt Hinge - Square

Specification(s):

- Height: 4" (102 mm)
- Style: Classic
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Assembled
- Thickness: 2.5 mm
- Width - Overall Dimensions: 4" (102 mm)

Included:

#9 x 3/4" (19 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip included for products when it says "screw included"

PRODUCT	FINISH	PIN	SCREW/NAIL INCLUDED	QTY/BOX
822ANB	Antique Nickel	Removable Pin	Yes	2
822FBB	Black	Removable Pin	Yes	2
829FBR	Black	Removable Pin	Yes	2
822BB	Brass	Removable Pin	Yes	2
822BV	Brass	Removable Pin	Yes	10
822BR	Brass	Removable Pin	Yes	2
822BBR	Bright Brass	Removable Pin	Yes	2
822BZB	Bronze	Removable Pin	Yes	2
822BCB	Brushed Chrome	Removable Pin	Yes	2
822BCV	Brushed Chrome	Removable Pin	Yes	10
822NBB	Brushed Nickel	Removable Pin	Yes	2
822NBV	Brushed Nickel	Removable Pin	Yes	10
829GAR	Galvanized	Removable Pin	Yes	2
822ORBB	Oil-Rubbed Bronze	Removable Pin	Yes	2
822CB	Polished Chrome	Removable Pin	Yes	2
822SSB	Stainless Steel	Removable Pin	Yes	2
822WB	White	Removable Pin	Yes	2
2829XV	Zinc	Non-Removable Pin	Yes	2
829XR	Zinc	Removable Pin	Yes	2
829XV	Zinc	Removable Pin	Yes	2
829XB	Zinc	Removable Pin	No	10
829XBC	Zinc	Removable Pin	No	1



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CCRM 2018

Door Hardware

Entry Door - Residential

onward

Richelieu Section 21H

4-1/2" Full Mortise Ball Bearing Butt Hinge

Specification(s):

- Height: 4-1/2" (114 mm)
- Style: Classic
- Material: Solid Brass
- Assembled
- Non-Removable Pin
- Gap: 3.0 mm
- Screw: Included
- Width - Overall Dimensions: 4-1/2" (114 mm)

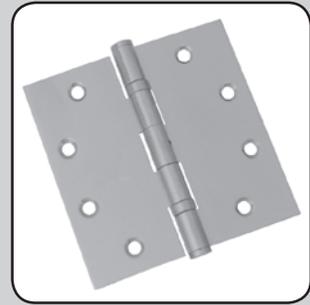
PRODUCT	FINISH	QTY/BOX
LM45448	Antique Brass	Pair
LM45818	Black	Pair
LM45778	Bright Brass	Pair
LM45UNLACW	Bright Brass (unlacquered)	Pair
LM45888	Brushed Chrome	Pair
LM45118	Oil-Rubbed Bronze	Pair
LM45338	Pewter	Pair
LM45PN	Polished Chrome	Pair
LM45668	Satin Chrome	Pair

4-1/2" Full Mortise Plain Bearing Butt Hinge

Specification(s):

- Height: 4-1/2" (114 mm)
- Style: Classic
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Thickness: 3.4 mm

PRODUCT	FINISH	PIN	SCREW/NAIL INCLUDED	WIDTH - OVERALL	QTY/BOX
3823BBB	Bright Brass	Non-Removable	Yes	4" (102 mm)	3
3823BCB	Brushed Chrome	Non-Removable	Yes	4" (102 mm)	3
3823NBB	Brushed Nickel	Non-Removable	Yes	4" (102 mm)	3
3823BSB	Satin Brass	Non-Removable	Yes	4" (102 mm)	3
8295XBC	Zinc	Removable	No	4-1/2" (114 mm)	1



4" Full Mortise Adjustable Spring Hinge

Add the finishing touch to your project with our variety of butt hinges. Available in many trendy finishes to suit any design!

Specification(s):

- Height: 4" (102 mm)
- Safe Working Load: 35 lb (15.9 kg)
- Material: Steel
- Assembled
- Non-Removable Pin
- Thickness: 2.7 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)
- Standards and Certifications: UL

Included:

8 pcs #10 x 1" wood screws and 8 pcs #10-24 x 1/2" machine screws included.

PRODUCT	FINISH	QTY/BOX
52822FBB	Black	2
51822BR	Brass	5
52822BR	Brass	5
51822BCR	Brushed Chrome	1
52822BCR	Brushed Chrome	5
5822BCIP*	Brushed Chrome	40
51822NBR	Brushed Nickel	1
52822NBR	Brushed Nickel	5
52822NBB	Brushed Nickel	2
5822ANIP*	Antique Nickel	40
5822ORBIP*	Oil-Rubbed Bronze	40

* Classic style

4-1/2" Full Mortise Ball Bearing Butt Hinge

Specification(s):

- Height: 4-1/2" (114 mm)
- Style: Classic
- Safe Working Load: 55 lb (24.9 kg)
- Material: Steel
- Assembled
- Removable Pin
- Thickness: 3.4 mm
- Screw: Included
- Width - Overall Dimensions: 4" (102 mm)

Included:

3 hinges with 24 x #12 x 1-1/4" (32 mm) flat head Quadrex drive coarse thread wood screws with type 17 tip, and 24 x #12 x 1/2" (13 mm) flat head Quadrex drive machine screws included.

PRODUCT	FINISH	QTY/BOX
44823BCB	Brushed Chrome	3
44823CB	Polished Chrome	3



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4-1/2" Full Mortise Ball Bearing Butt Hinge

Specification(s):

- Height: 4-1/2" (114 mm)
- Style: Classic
- Safe Working Load: 55 lb (24.9 kg)
- Thickness: 3.4 mm
- Screw/Nail: Included
- Width - Overall Dimensions: 4" (102 mm)

Included:

8 wood screws #12x1-1/4" and 8 machine screws #12x24-1/2" included.



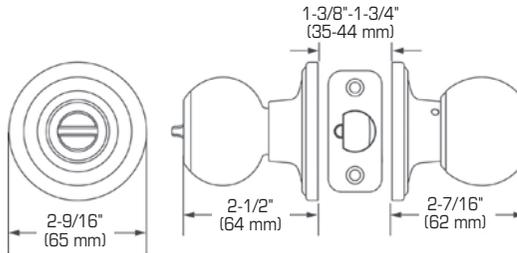
PRODUCT	FINISH	MATERIAL	PIN	QTY/BOX
4823ABB	Antique Brass	Steel	Removable Pin	3
4823ANB	Antique Nickel	Steel	Removable Pin	3
45823FBB	Black	Steel	Non-Removable Pin	3
4823FBB	Black	Steel	Removable Pin	3
4823BBB	Bright Brass	Steel	Removable Pin	3
45823BCB	Brushed Chrome	Steel	Non-Removable Pin	3
4823BCB	Brushed Chrome	Steel	Removable Pin	3
4823NBB	Brushed Nickel	Steel	Removable Pin	3
4823ORBB	Oil-Rubbed Bronze	Steel	Removable Pin	3
4823BSB	Satin Brass	Steel	Removable Pin	3
45823SSBC	Stainless Steel	Stainless Steel	Non-Removable Pin	3
4823SSB	Stainless Steel	Steel	Removable Pin	3

Ball Knobs - Maxwell Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



Included:

Mounting hardware included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
4040TORB10	Oil-Rubbed Bronze	Passage	1
4040TORB51	Oil-Rubbed Bronze	Entrance	1
4040TORB42	Oil-Rubbed Bronze	Privacy	1
4040TSN10	Satin Nickel	Passage	1
4040TSN17	Satin Nickel	Dummy Knob/Lever	1
4040TSN42	Satin Nickel	Privacy	1
4040TSN51	Satin Nickel	Entrance	1
4040TSS10	Stainless Steel	Passage	1
4040TSS51	Stainless Steel	Entrance	1
4040TSS42	Stainless Steel	Privacy	1
4040TSS17	Stainless Steel	Dummy Knob/Lever	1

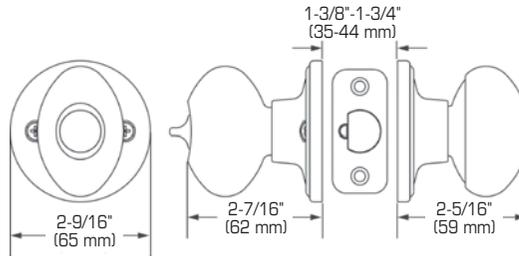
- 1 SCREWS AND FASTENERS
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Ball Knob - Brooke Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



Included:

Mounting hardware included.

PRODUCT	FINISH	LATCH	KEYED ALIKE	FUNCTION	QTY/BOX
4043TAN51	Antique Nickel	4-Way Latch (Removable Latch Plate)	Compatible	Entrance	1
4043TAN42	Antique Nickel	4-Way Latch (Removable Latch Plate)	Non-keyed	Privacy	1
4043TAN10	Antique Nickel	4-Way Latch (Removable Latch Plate)	Non-keyed	Passage	1
4043TAN17	Antique Nickel	Dummy	Non-keyed	Dummy Knob/ Lever	1
4043TORB51	Oil-Rubbed Bronze	4-Way Latch (Removable Latch Plate)	Compatible	Entrance	1
4043TORB42	Oil-Rubbed Bronze	4-Way Latch (Removable Latch Plate)	Non-keyed	Privacy	1
4043TORB10	Oil-Rubbed Bronze	4-Way Latch (Removable Latch Plate)	Non-keyed	Passage	1
4043TSC51	Satin Chrome	4-Way Latch (Removable Latch Plate)	Compatible	Entrance	1
4043TSC42	Satin Chrome	4-Way Latch (Removable Latch Plate)	Non-keyed	Privacy	1
4043TSC10	Satin Chrome	4-Way Latch (Removable Latch Plate)	Non-keyed	Passage	1
4043TSC17	Satin Chrome	Dummy	Non-keyed	Dummy Knob/ Lever	1
4043TSN51	Satin Nickel	4-Way Latch (Removable Latch Plate)	Compatible	Entrance	1
4043TSN42	Satin Nickel	4-Way Latch (Removable Latch Plate)	Non-keyed	Privacy	1
4043TSN10	Satin Nickel	4-Way Latch (Removable Latch Plate)	Non-keyed	Passage	1
4043TSN17	Satin Nickel	Dummy	Non-keyed	Dummy Knob/ Lever	1

Door Hardware

Locksets - Residential

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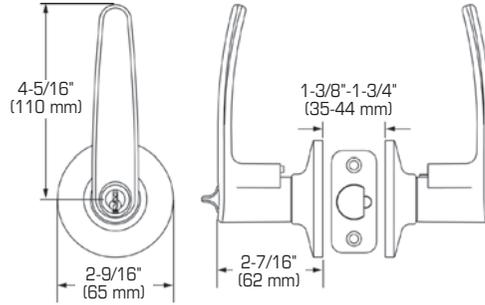
Richelieu Section 21H

Straight Levers - Newport Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



PRODUCT	FINISH	FUNCTION	QTY/BOX
4140TAN10	Antique Nickel	Passage	1
4140TAN51	Antique Nickel	Entrance	1
4140TAN42	Antique Nickel	Privacy	1
4140TAN17	Antique Nickel	Dummy Knob/Lever	1
4140TORB10	Oil-Rubbed Bronze	Passage	1
4140TORB51	Oil-Rubbed Bronze	Entrance	1
4140TORB42	Oil-Rubbed Bronze	Privacy	1
4140TORB17	Oil-Rubbed Bronze	Dummy Knob/Lever	1
4140TSC10	Satin Chrome	Passage	1
4140TSC51	Satin Chrome	Entrance	1
4140TSC42	Satin Chrome	Privacy	1
4140TSC17	Satin Chrome	Dummy Knob/Lever	1
4140TSN10	Satin Nickel	Passage	1
4140TSN51	Satin Nickel	Entrance	1
4140TSN42	Satin Nickel	Privacy	1
4140TSN17	Satin Nickel	Dummy Knob/Lever	1
4140TVN10	Venetian Bronze	Passage	1
4140TVN17	Venetian Bronze	Dummy Knob/Lever	1
4140TVN42	Venetian Bronze	Privacy	1
4140TVN51	Venetian Bronze	Entrance	1

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Curved Levers - Seaforth Series

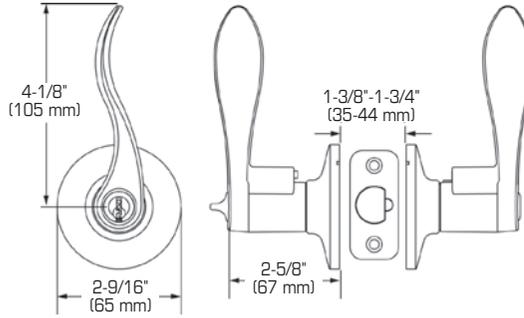
- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003

Included:

Mounting hardware included.



PRODUCT	FINISH	FUNCTION	QTY/BOX
4142TFB10	Florentine Bronze	Passage	1
4142TFB17	Florentine Bronze	Dummy Knob/Lever	1
4142TFB42	Florentine Bronze	Privacy	1
4142TFB51	Florentine Bronze	Entrance	1
4142TORB10	Oil-Rubbed Bronze	Passage	1
4142TORB51	Oil-Rubbed Bronze	Entrance	1
4142TORB42	Oil-Rubbed Bronze	Privacy	1
4142TORB17	Oil-Rubbed Bronze	Dummy Knob/Lever	1
4142TORB17L	Oil-Rubbed Bronze	Dummy Knob/Left Lever	1
4142TSC51	Satin Chrome	Entrance	1
4142TSC42	Satin Chrome	Privacy	1
4142TSC17	Satin Chrome	Dummy Knob/Lever	1
4142TSC17L	Satin Chrome	Dummy Knob/Left Lever	1
4142TSC10	Satin Chrome	Dummy Knob/Lever / Passage	1
4142TSN10	Satin Nickel	Passage	1
4142TSN51	Satin Nickel	Entrance	1
4142TSN42	Satin Nickel	Privacy	1
4142TSN17	Satin Nickel	Dummy Knob/Lever	1
4142TSN17L	Satin Nickel	Dummy Knob/Left Lever	1

Straight Levers - Bridwell Series

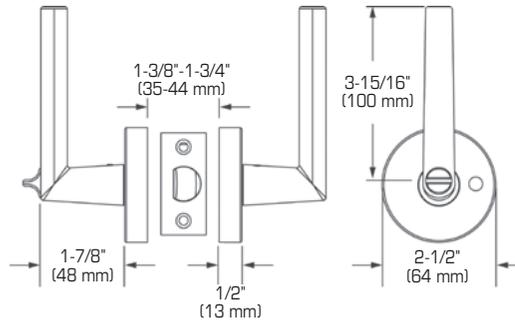
- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003

Included:

Mounting hardware included.



PRODUCT	FINISH	FUNCTION	QTY/BOX
4143TAN10	Antique Nickel	Passage	1
4143TAN42	Antique Nickel	Privacy	1
4143TAN17	Antique Nickel	Dummy Knob/Lever	1
4143TC10	Chrome	Passage	1
4143TC42	Chrome	Privacy	1
4143TC17	Chrome	Dummy Knob/Lever	1
4143TSC10	Satin Chrome	Passage	1
4143TSC42	Satin Chrome	Privacy	1
4143TSC17	Satin Chrome	Dummy Knob/Lever	1
4143TSN10	Satin Nickel	Passage	1
4143TSN42	Satin Nickel	Privacy	1
4143TSN17	Satin Nickel	Dummy Knob/Lever	1
4143TVN10	Venetian Bronze	Passage	1
4143TVN42	Venetian Bronze	Privacy	1
4143TVN17	Venetian Bronze	Dummy Knob/Lever	1

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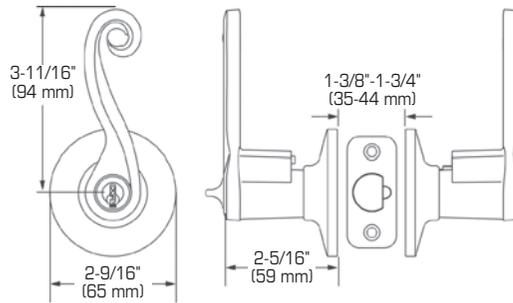
CCRM 2018

Curved Levers - Joliet Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



Included:

Mounting hardware included.

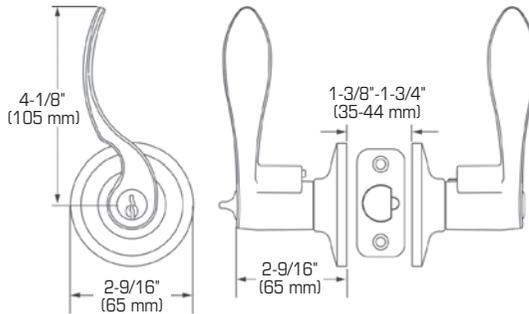
PRODUCT	FINISH	FUNCTION	QTY/BOX
4144TAB10	Antique Brass	Passage	1
4144TAB51	Antique Brass	Entrance	1
4144TAB42	Antique Brass	Privacy	1
4144TAN10	Antique Nickel	Passage	1
4144TAN51	Antique Nickel	Entrance	1
4144TAN42	Antique Nickel	Privacy	1
4144TORB10	Oil-Rubbed Bronze	Passage	1
4144TORB51	Oil-Rubbed Bronze	Entrance	1
4144TORB42	Oil-Rubbed Bronze	Privacy	1
4144TSC10	Satin Chrome	Passage	1
4144TSC51	Satin Chrome	Entrance	1
4144TSC42	Satin Chrome	Privacy	1
4144TSN10	Satin Nickel	Passage	1
4144TSN51	Satin Nickel	Entrance	1
4144TSN42	Satin Nickel	Privacy	1

Curved Levers - Portofino Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003
- Our Divisions: Onward



Included:

Mounting hardware included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
4145TAN10	Antique Nickel	Passage	1
4145TAN51	Antique Nickel	Entrance	1
4145TAN42	Antique Nickel	Privacy	1
4145TORB10	Oil-Rubbed Bronze	Passage	1
4145TORB51	Oil-Rubbed Bronze	Entrance	1
4145TORB42	Oil-Rubbed Bronze	Privacy	1
4145TSC10	Satin Chrome	Passage	1
4145TSC51	Satin Chrome	Entrance	1
4145TSC42	Satin Chrome	Privacy	1
4145TSN10	Satin Nickel	Passage	1
4145TSN51	Satin Nickel	Entrance	1
4145TSN42	Satin Nickel	Privacy	1

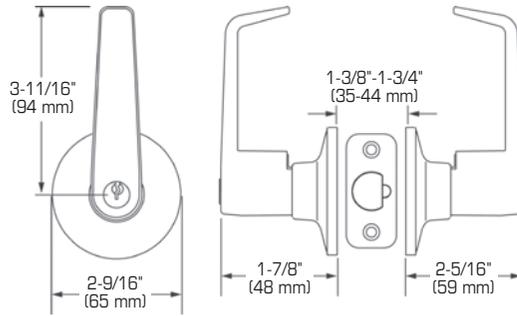
- 1 SCREWS AND FASTENERS
- 2 FURNITURE EQUIPMENT
- 3 HINGES
- 4 SLIDES
- 5 CASTERS AND LEGS
- 6 KITCHEN SOLUTIONS
- 7 CLOSET SOLUTIONS
- 8 LIGHTING SOLUTIONS
- 9 SINKS AND FAUCETS
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- 20 COMMERCIAL DISPLAY AND HARDWARE

Straight Levers - Boomer Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



Included:

Mounting hardware included.

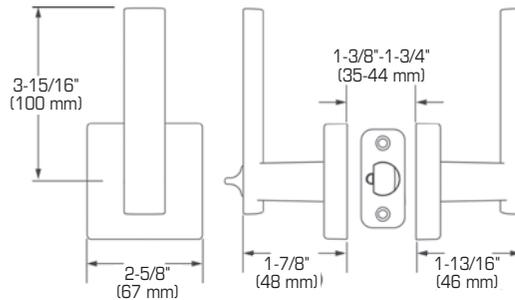
PRODUCT	FINISH	FUNCTION	QTY/BOX
4146TSC10	Satin Chrome	Passage	1
4146TSC51	Satin Chrome	Entrance	1
4146TSC42	Satin Chrome	Privacy	1
4146TSN10	Satin Nickel	Passage	1
4146TSN51	Satin Nickel	Entrance	1
4146TSN42	Satin Nickel	Privacy	1

Straight Levers - Tuxedo Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



Included:

Mounting hardware included.

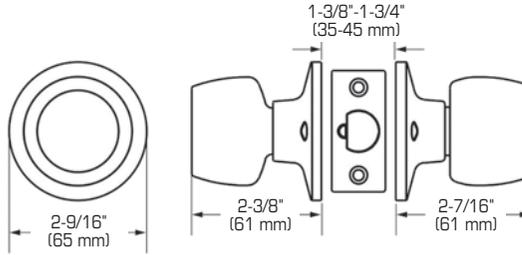
PRODUCT	FINISH	FUNCTION	QTY/BOX
4147TAN10	Antique Nickel	Passage	1
4147TAN42	Antique Nickel	Privacy	1
4147TAN17	Antique Nickel	Dummy Knob/Lever	1
4147TC10	Chrome	Passage	1
4147TC42	Chrome	Privacy	1
4147TC17	Chrome	Dummy Knob/Lever	1
4147TSC10	Satin Chrome	Passage	1
4147TSC42	Satin Chrome	Privacy	1
4147TSC17	Satin Chrome	Dummy Knob/Lever	1
4147TSN10	Satin Nickel	Passage	1
4147TSN42	Satin Nickel	Privacy	1
4147TSN17	Satin Nickel	Dummy Knob/Lever	1
4147TVN10	Venetian Bronze	Passage	1
4147TVN42	Venetian Bronze	Privacy	1
4147TVN17	Venetian Bronze	Dummy Knob/Lever	1

Ball Knobs - Devon Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



Included:

Mounting hardware included.

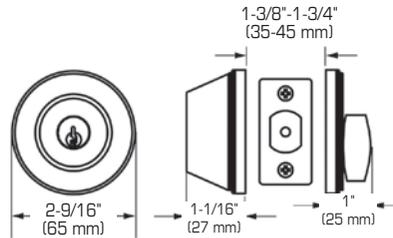
PRODUCT	FINISH	FUNCTION	QTY/BOX
4148TSS10	Stainless Steel	Passage	1
4148TSS51	Stainless Steel	Entrance	1

Deadbolts - Ferrero Series

- 5 year limited warranty on finishes
- 25 year mechanical warranty

Specification(s):

- Latch: 4-Way Latch (Removable Latch Plate)
- Standards and Certifications: ANSI A156.2-2003
- Keyed Alike: Compatible
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Grade: 3
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel

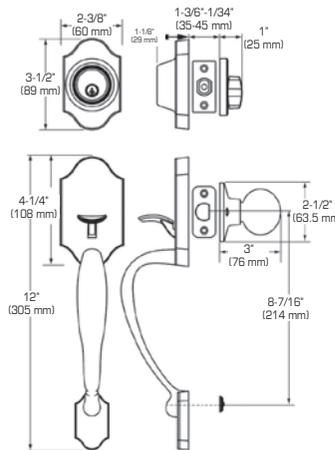


PRODUCT	FINISH	FUNCTION	QTY/BOX
4340TAB51	Antique Brass	Single Cylinder	1
4340TAN51	Antique Nickel	Single Cylinder	1
4340TORB51	Oil-Rubbed Bronze	Single Cylinder	1
4340TSC51	Satin Chrome	Single Cylinder	1
4340TSN51	Satin Nickel	Single Cylinder	1
4341TSS51	Stainless Steel	Single Cylinder	1
4342TSS60	Stainless Steel	Double Cylinder	1

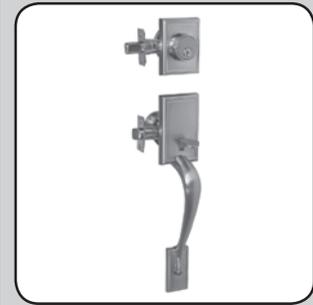
Gripsets - Estate Series

Specification(s):

- Style: Gripsets
- Latch: 4-Way Latch (Removable Latch Plate)
- Keyed Alike: Compatible
- Grade: Contractor Grade
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Material: Steel
- Backset: 2-3/8" to 2-3/4" (60 to 70 mm)
- Standards and Certifications: ANSI A156.2-2003



PRODUCT	FINISH	FUNCTION	QTY/BOX
4242TAB51	Antique Brass	Entrance	1
4242TAN51	Antique Nickel	Entrance	1
4242TSC51	Satin Chrome	Entrance	1
4242TSN51	Satin Nickel	Entrance	1
4242TVN51	Venetian Bronze	Entrance	1

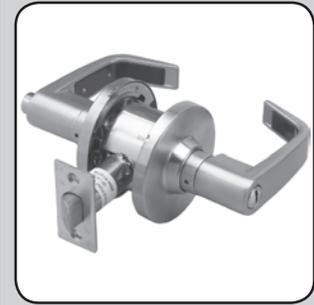
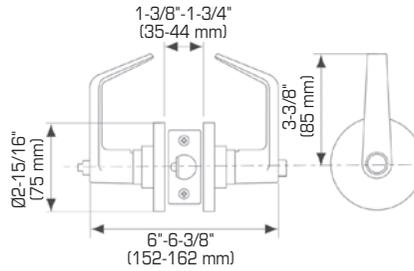


- 1 SCREWS AND FASTENERS
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Cylindrical Leverset - EL Series

Specification(s):

- Style: Small Levers
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 2
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)
- Material: Steel
- Standards and Certifications: UL, ANSI A156.2-2003



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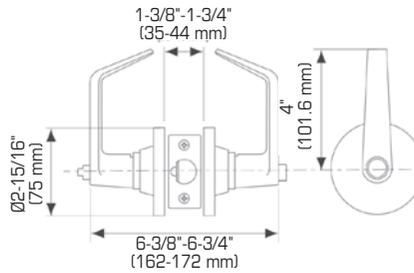
All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
EL1010	Stainless Steel	Passage	1
EL1053	Stainless Steel	Entrance	1
EL1042	Stainless Steel	Privacy	1

Cylindrical Leverset - EM Series

Specification(s):

- Style: Straight Levers
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 2
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)
- Material: Steel
- Standards and Certifications: UL, ANSI A156.2-2003



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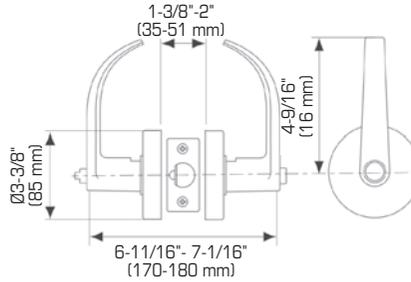
All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
EM1010	Stainless Steel	Passage	1
EM1053	Stainless Steel	Entrance	1
EM1042	Stainless Steel	Privacy	1
EM1080	Stainless Steel	Storeroom	1
EM1070	Stainless Steel	Classroom	1
EM1017	Stainless Steel	Dummy Knob/Lever	1

Cylindrical Leverset - FC Series

Specification(s):

- Style: Curved Levers
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 2
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8 to 2" (35 to 51 mm)
- Material: Steel
- Standards and Certifications: UL, ANSI A156.2-2003



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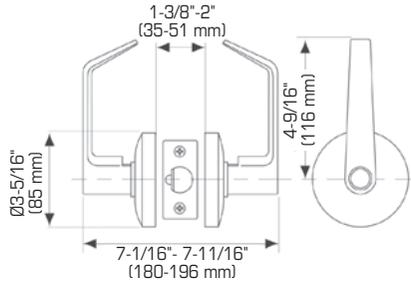
All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
FC1210	Satin Chrome	Passage	1
FC1253	Satin Chrome	Entrance	1
FC1242	Satin Chrome	Privacy	1
FC1280	Satin Chrome	Storeroom	1
FC1270	Satin Chrome	Classroom	1
FC1217	Satin Chrome	Dummy Knob/Lever	1

Cylindrical Leverset - FH Series

Specification(s):

- Function: Passage
- Style: Straight Levers
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 2
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8 to 2" (35 to 51 mm)
- Material: Steel
- Standards and Certifications: UL, ANSI A156.2-2003
- Packaging format: Box



Included:

All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
FH1210	Satin Chrome	Passage	1
FH1253	Satin Chrome	Entrance	1
FH1242	Satin Chrome	Privacy	1
FH1280	Satin Chrome	Storeroom	1
FH1270	Satin Chrome	Classroom	1
FH1217	Satin Chrome	Dummy Knob/Lever	1

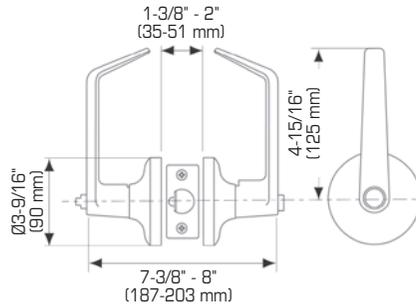


- 1 SCREWS AND FASTENERS
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Cylindrical Leverset - FL Series

Specification(s):

- Style: Straight Levers
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 1
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8 to 2" (35 to 51 mm)
- Material: Steel
- Standards and Certifications: ANSI A156.2-2003, ADA, UL, "Barrier Free"



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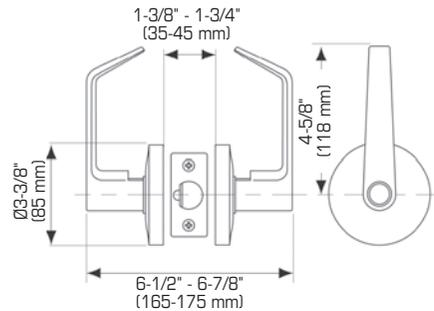
All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
FL60380	Satin Chrome	Storeroom	6
FL60370	Satin Chrome	Classroom	6
FL60353	Satin Chrome	Entrance	6
FL60317	Satin Chrome	Dummy Knob/Lever	6
FL60310	Satin Chrome	Passage	6
FL60342	Satin Chrome	Privacy	6

Cylindrical Leverset - FY Series

Specification(s):

- Style: Straight Levers
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 2
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)
- Material: Steel
- Standards and Certifications: ADA, "Barrier Free", UL, ANSI A156.2-2003



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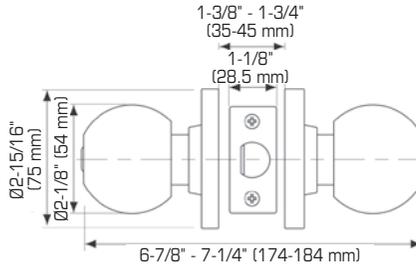
All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
FY1253	Satin Chrome	Entrance	12
FY1242	Satin Chrome	Privacy	12
FY1217	Satin Chrome	Dummy Knob/Lever	48
FY1210	Satin Chrome	Passage	12
FY1280	Satin Chrome	Storeroom	12
FY1270	Satin Chrome	Classroom	12

Cylindrical Knob - EA Series

Specification(s):

- Style: Ball Knobs
- UL Fire-Rating: 3 Hour Fire-Rating
- Barrel Type: SC4
- Grade: 2
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)
- Material: Steel
- Standards and Certifications: UL, ANSI A156.2-2003



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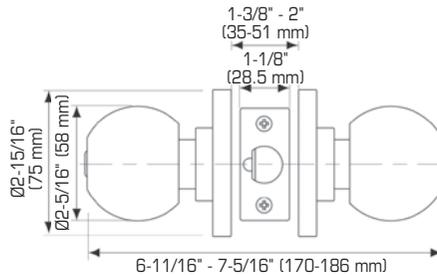
All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
EA3080	Stainless Steel	Storeroom	20
EA3053	Stainless Steel	Entrance	20
EA3042	Stainless Steel	Privacy	20
EA3070	Stainless Steel	Dummy Knob/Lever, Classroom	20
EA3017	Stainless Steel	Dummy Knob/Lever	100
EA3010	Stainless Steel	Passage	20

Cylindrical Knob - FB Series

Specification(s):

- Style: Ball Knobs
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 1
- Door Thickness: 1-3/8 to 2" (35 to 51 mm)
- Material: Steel
- Standards and Certifications: ANSI A156.2-2003, UL



Included:

All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
FB3080	Stainless Steel	Storeroom	20
FB3075	Stainless Steel	Double Classroom	20
FB3070	Stainless Steel	Classroom	20
FB3060	Stainless Steel	Store Door	20
FB3053	Stainless Steel	Entrance	20
FB3042	Stainless Steel	Privacy	20
FB3010	Stainless Steel	Passage	20

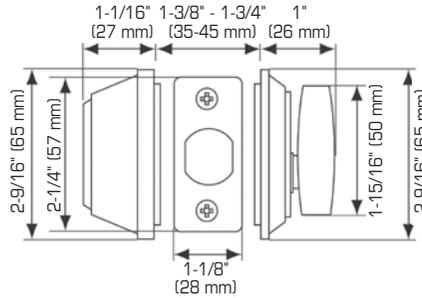


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Deadbolt - FCA Series

Specification(s):

- Style: Deadbolts
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 2
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)
- Material: Steel
- Standards and Certifications: ANSI 156.36-2010, UL



Included:

All mounting hardware is included.

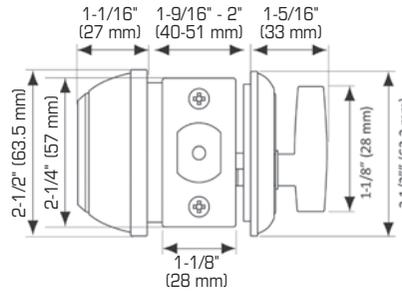
PRODUCT	FINISH	FUNCTION	QTY/BOX
FCA1260	Satin Chrome	Single Cylinder	20
FCA1251	Satin Chrome	Double Cylinder	20
FCA1060	Stainless Steel	Single Cylinder	20
FCA1051	Stainless Steel	Double Cylinder	20



Deadbolt - LM Series

Specification(s):

- Style: Deadbolts
- UL Fire-Rating: 3 Hour Fire-Rating
- Keying Service: Compatible
- Barrel Type: SC4
- Grade: 1
- Door Thickness: 1-9/16 to 2" (40 to 51 mm)
- Material: Steel
- Standards and Certifications: UL, ANSI 156.36-2010



Included:

All mounting hardware is included.

PRODUCT	FINISH	FUNCTION	QTY/BOX
LM2070	Satin Chrome	Classroom	12
LM2051	Satin Chrome	Standard	12
LM2013	Satin Chrome	One Way (key type)	12



Heavy Duty Escutcheon Lever Trim for 336/436 Series

Specification(s):

- Grade: 2
- Width - Overall Dimensions: 2-3/4" (70 mm)
- Reversible
- Projection - Overall Dimensions: 8-1/2" (216 mm)
- Door Thickness: 1-3/4 to 2" (44 to 51 mm)
- Standards and Certifications: UL, ADA

PRODUCT	FINISH	FUNCTION	QTY/BOX
T3E53AL	Aluminum	Entrance	1
T3E10AL	Aluminum	Passage	1
T3E80AL	Aluminum	Storeroom	1
T3E53DB	Dark Bronze	Entrance	1
T3E10DB	Dark Bronze	Passage	1
T3E80DB	Dark Bronze	Storeroom	1

Finger Pull Trim for 336/436 Series

Specification(s):

- Width - Overall Dimensions: 1-3/4" (44 mm)
- Length - Overall Dimensions: 2-7/8" (73 mm)
- Non-Reversible: Reversible
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)

PRODUCT	FINISH	QTY/BOX
T3FPNLAL	Aluminum	1
T3FPNLDB	Dark Bronze	1

Lever Trim 336/436 Series

Specification(s):

- Grade: 2
- Non-Reversible: Reversible
- Projection - Overall Dimensions: 2-3/4" (70 mm)
- Door Thickness: 1-3/8 to 1-3/4" (35 to 44 mm)
- Standards and Certifications: UL, ADA

PRODUCT	FINISH	FUNCTION	QTY/BOX
T3L53AL	Aluminum	Entrance	1
T3L10AL	Aluminum	Passage	1
T3L80AL	Aluminum	Storeroom	1
T3L53DB	Dark Bronze	Entrance	1
T3L10DB	Dark Bronze	Passage	1
T3L80DB	Dark Bronze	Storeroom	1



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Door Hardware

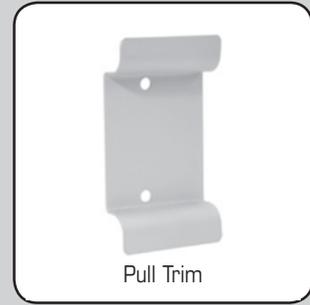
Exit Devices - Trims

Pull Plate Trim for 336/436 Series

Specification(s):

- Width - Overall Dimensions: 3-9/16" (91 mm)
- Length - Overall Dimensions: 6-7/16" (164 mm)
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)

PRODUCT	FINISH	FUNCTION	QTY/BOX
T3PDAL	Aluminum	Pull Trim	1
T3PNLAL	Aluminum	Pull Trim with Key	1
T3PDDB	Dark Bronze	Pull Trim	1
T3PNLDB	Dark Bronze	Pull Trim with Key	1



Thumbpiece Trim for 236/336 Series

Specification(s):

- Grade: 2
- Width - Overall Dimensions: 3" (76 mm)
- Length - Overall Dimensions: 12-3/8" (314 mm)
- Reversible
- Projection - Overall Dimensions: 1-3/8" (35 mm)
- Door Thickness: 1-3/4 to 2" (45 to 51 mm)
- Standards and Certifications: ANSI

PRODUCT	FINISH	FUNCTION	QTY/BOX
T3T53AL	Aluminum	Entrance	1
T3T10AL	Aluminum	Passage	1
T3T80AL	Aluminum	Storeroom	1



Thumbpiece Trim for 436 Series

Specification(s):

- Width - Overall Dimensions: 3" (76 mm)
- Length - Overall Dimensions: 12-3/8" (314 mm)
- Non-Reversible: Universal Left- and Right-Handed
- Door Thickness: Min. 1-3/4" (44 mm)
- Door Width: Max. 2" (51 mm)

PRODUCT	FINISH	FUNCTION	QTY/BOX
T4T17AL	Aluminum	Dummy	1
T4T53AL	Aluminum	Entrance	1
T4T10AL	Aluminum	Passage	1
T4T17DB	Dark Bronze	Dummy	1
T4T53DB	Dark Bronze	Entrance	1
T4T10DB	Dark Bronze	Passage	1



Escutcheon Lever Trim for 536/548 Series

Specification(s):

- Grade: 1
- Width - Overall Dimensions: 2-5/16" (59 mm)
- Length - Overall Dimensions: 8-1/2" (216 mm)
- Non-Reversible: Reversible
- Door Thickness: 1-3/4" (44 mm)
- Standards and Certifications: ANSI

PRODUCT	FINISH	FUNCTION	QTY/BOX
T5E70AL	Aluminum	Entrance	1
T5E10AL	Aluminum	Passage	1
T5E80AL	Aluminum	Storeroom	1

Thumbpiece Trim for 536/548 Series

Specification(s):

- Grade: 1
- Width - Overall Dimensions: 2-5/8" (67 mm)
- Length - Overall Dimensions: 15" (381 mm)
- Non-Reversible: Reversible
- Projection - Overall Dimensions: 1-3/4" (44 mm)
- Door Thickness: 1-3/4" (44 mm)
- Standards and Certifications: ANSI

PRODUCT	FINISH	FUNCTION	QTY/BOX
T5T70AL	Aluminum	Entrance	1
T5T10AL	Aluminum	Passage	1
T5T80AL	Aluminum	Storeroom	1

Knobs for 536/548 Series

- Rosette diameter 3" (76 mm)
- Fits and covers standard 161 cutout

Specification(s):

- Grade: 1
- Non-Reversible: Universal Left- and Right-Handed
- Door Width: 1-3/4" (44 mm)

PRODUCT	FINISH	FUNCTION	QTY/BOX
T5K70SC	Aluminum	Entrance	1
T5K10SC	Aluminum	Passage	1
T5K80SC	Aluminum	Storeroom	1



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Door Hardware

Exit Devices - Trims

Lever Trim for 536/548 Series

Specification(s):

- Rose diameter 3-1/2" (89 mm)
- Fits and covers standard 161 cutout

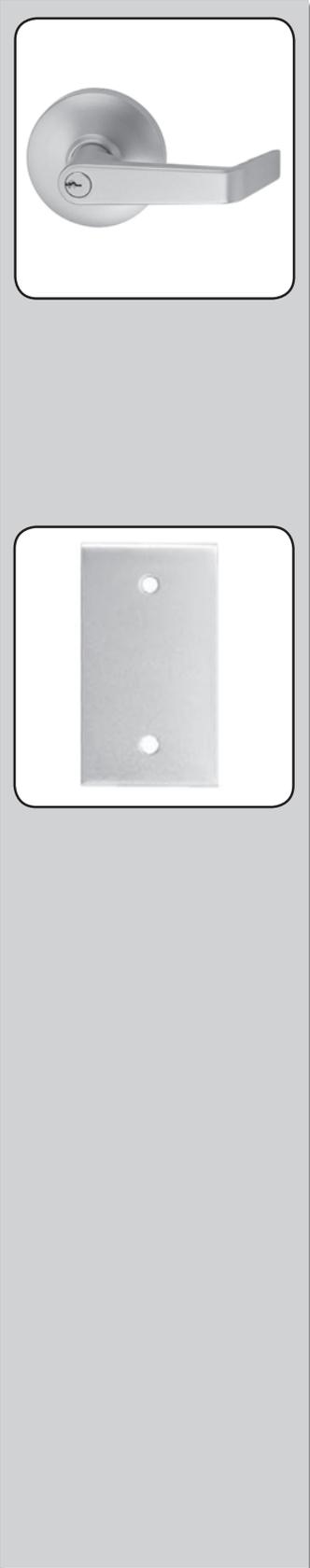
Specification(s):

- Grade: 1
- Non-Reversible: Reversible
- Door Thickness: 1-3/4 to 2-1/4" (44 to 57 mm)
- Standards and Certifications: ANSI

PRODUCT	FINISH	FUNCTION	QTY/BOX
T5L70SC	Satin Chrome	Entrance	1
T5L10SC	Satin Chrome	Passage	1
T5L80SC	Satin Chrome	Storeroom	1

Plate Trim for 536/548 Series

PRODUCT	FINISH	FUNCTION	QTY/BOX
T5BPAL	Aluminum	Cover Plate	40
T5PDAL	Aluminum	Pull Trim	40
T5PNLAL	Aluminum	Pull Trim with Key	40



Rim Type Panic Bars - 336 Series

- Door width: minimum 36" (914 mm) (36" standard)
- Stile: 4-1/4" (108 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to center line of panic bar
- Cylinders: 6-pin standard where applicable
- Dogging: 1/4" (6 mm) turn, hex dogging (non-fire rated only)
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 1/2" (13 mm) stainless steel
- Finish: Push bar anodized, cover painted
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" (48 mm) depressed
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty

Specification(s):

- Grade 2
- Width - Overall Dimensions: 36 in (914 mm)
- Universal Left - and Right-Handed

PRODUCT	FINISH	FIRE RESISTANCE	STANDARDS AND CERTIFICATIONS	QTY/BOX
336EFRAL	Aluminum	1h30	UL / UL10C / ADA / UBC 7-2-1997 / ANSI A156.3	1
336ERAL	Aluminum	N/A	UL / ADA / ANSI A156.3	1
336EFRDB	Dark Bronze	1h30	UL / UL10C / ADA / UBC 7-2-1997 / ANSI A156.3	1
336ERDB	Dark Bronze	N/A	UL / ADA / ANSI A156.3	1

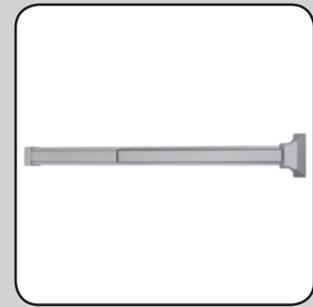
Rim Type Panic Bars - 536/548 Series

- Door height: Up to 7'0" (2.13 m) (7'0" standard)
- Door width: minimum 36" (36" standard)
- Stile: 4-1/2" (114 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to center line of panic bar
- Cylinders: 6-pin standard where applicable
- Dogging: 1/4" (6 mm) turn, hex dogging (non-fire rated only)
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 5/8" (16 mm) stainless steel
- Finish: Push bar anodized, cover painted
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" (48 mm) depressed
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty

Specification(s):

- Grade: 1
- Universal Left - and Right-Handed

PRODUCT	FINISH	LENGTH	STANDARDS AND CERTIFICATIONS	QTY/BOX
536ERAL	Aluminum	36" (914 mm)	UL, ADA, ANSI A156.3, ULC	1
548ERAL	Aluminum	48" (1219 mm)	UL, ADA, ANSI A156.3, ULC	1



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Vertical Rod Panic Bar - 336 Series

- Door height: Up to 7'0" (2.13 m) (7'0" standard)
- Door width: minimum 36" (914 mm) (36" standard)
- Stile: 4-1/4" (108 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to center line of panic bar
- Cylinders: 6-pin standard where applicable
- Dogging: 1/4" (6 mm) turn, hex dogging (non-fire rated only)
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 1/2" (13 mm) stainless steel
- Finish: Push bar anodized, cover painted
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" (48 mm) depressed
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty

Specification(s):

- Grade 2
- Width - Overall Dimensions: 36 in (914 mm)

PRODUCT	FINISH	FIRE RESISTANCE	STANDARDS AND CERTIFICATIONS	QTY/BOX
336EFVAL	Aluminum	1h30	UL / UL10C / ADA / UBC 7-2-1997 / ANSI A156.3	1
336EVAL	Aluminum	N/A	UL / ADA / ANSI A156.3 336EFVDB	1
336EFVDB	Dark Bronze	1h30	UL / UL10C / ADA / UBC 7-2-1997 / ANSI A156.3	1
336EVDB	Dark Bronze	N/A	UL / ADA / ANSI A156.3	1

Cross Type Panic Bars - 436 Series

- Door width: minimum 36" (914 mm) (36" standard)
- Stile: 4-1/4" (108 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to center line of panic bar
- Cylinders: 6-pin standard where applicable
- Dogging: 1/4" (6 mm) turn, hex dogging (non-fire rated only)
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 1/2" (13 mm) stainless steel
- Finish: Push bar anodized, cover painted
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" (48 mm) depressed
- Door thickness: 1-3/4" (44 mm) standard
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty

Specification(s):

- Grade 2
- Width - Overall Dimensions: 36 in (914 mm)
- Reversible

PRODUCT	FINISH	STANDARDS AND CERTIFICATIONS	QTY/BOX
436ERAL	Aluminum	UL, ADA, ANSI A156.3	1
436ERDB	Dark Bronze	UL, ADA, ANSI A156.3	1



Door Hardware

Exit Devices - Panic Bars



Richelieu Section 21H

Rim Type Panic Bars (Fire-Rated) - 536/548 Series

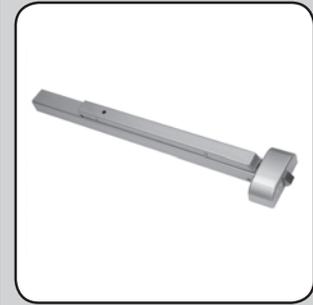
- Door height: Up to 7'0" (2.13 m), standard height
- Door width: minimum 36" (914 mm), standard width
- Stile: 4-1/2" (108 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to the centre line of panic bar
- Cylinders: 6-pin key entry, where applicable
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 5/8" (16 mm) stainless steel
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" (48 mm) depressed
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty
- Grade: 1
- Non-Reversible: Universal Left- and Right-Handed

PRODUCT	FINISH	FIRE RESISTANCE	LENGHT	STANDARDS AND CERTIFICATIONS	QTY/BOX
536EFRAL	Aluminum	3 hours	36" (914 mm)	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
548EFRAL	Aluminum	3 hours	48" (1219 mm)	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1

Vertical Rod Panic Bars - 536/548 Series

- Door height: Up to 7'0" (2.13 m), standard height
- Door width: minimum 36" (914 mm), standard width
- Stile: 3-1/2" (89 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to center line of panic bar
- Cylinders: 6-pin standard where applicable
- Dogging: 1/4" (6 mm) turn, hex dogging (non-fire rated only)
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 5/8" (16 mm) stainless steel
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" (48 mm) depressed
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty
- Grade: 1

PRODUCT	FINISH	LENGHT	HANDED	STANDARDS AND CERTIFICATIONS	QTY/BOX
536EVLAL	Aluminum	36" (914 mm)	Left	UL, ADA, ANSI A156.3, UCL	1
536EVRAL	Aluminum	36" (914 mm)	Right	UL, ADA, ANSI A156.3, UCL	1
548EVLAL	Aluminum	48" (1219 mm)	Left	UL, ADA, ANSI A156.3, UCL	1
548EVRAL	Aluminum	48" (1219 mm)	Right	UL, ADA, ANSI A156.3, UCL	1



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Door Hardware

Exit Devices - Panic Bars

onward

Richelieu Section 21H

Vertical Rod Panic Bars (Fire-Rated) - 536/548 Series

- Door height: Up to 7'0" (2.13 m), standard height
- Door width: minimum 36" (914 mm), standard width
- Stile: 3-1/2" (89 mm) minimum
- Recommended mounting height: 40-5/16" (1024 mm) from finished floor to center line of panic bar
- Cylinders: 6-pin standard where applicable
- Material: Push bar in extruded anodized aluminum, spring in stainless steel
- Latch bolts: 3/4" (19 mm) throw, stainless steel
- Deadbolts: 5/8" (16 mm) stainless steel
- Finish: Push bar anodized, cover painted
- Strike: For 5/8" (16 mm) stop, with shim for 1/2" (13 mm) stop
- Projection: 2-1/2" (64 mm) maximum, 1-7/8" depressed
- Backset: 2-3/4" (70 mm)
- Top latchbolt: 3/4" (19 mm) throw, stainless steel
- Top deadbolt: 1/2" (13 mm) throw, steel bolt
- Bottom latchbolt: 3/4" (19 mm) throw, stainless steel
- 10-year limited mechanical warranty/5-year limited finish warranty

Specification(s):

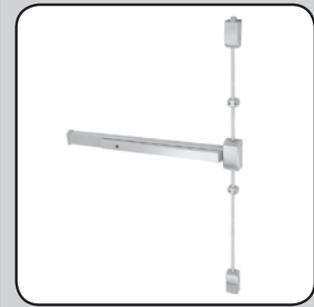
- Grade: 1

PRODUCT	FINISH	FIRE RESISTANCE	LENGTH	HANDED	STANDARDS AND CERTIFICATIONS	QTY/BOX
536EFVLAL	Aluminum	3 hours	36" (914 mm)	Left	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
536EFTVLAL*	Aluminum	3 hours	36" (914 mm)	Left	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
536EFVRAL	Aluminum	3 hours	36" (914 mm)	Right	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
536EFTVRAL*	Aluminum	3 hours	36" (914 mm)	Right	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
548EFVLAL	Aluminum	3 hours	48" (1219 mm)	Left	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
548EFTVLAL*	Aluminum	3 hours	48" (1219 mm)	Left	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
548EFVRAL	Aluminum	3 hours	48" (1219 mm)	Right	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1
548EFTVRAL*	Aluminum	3 hours	48" (1219 mm)	Right	UL, UL10C, ADA, UBC 7-2-1997, ANSI A156.3, ULC	1

* Without the bottom rod

Rim Type Panic Bars - 236 Series

PRODUCT	FINISH	LENGTH	NON-REVERSIBLE	STANDARDS AND CERTIFICATIONS	QTY/BOX
236ERAL	Aluminum	36" (914 mm)	Reversible	UL, ANSI A156.3, ULC	1
236ERDB	Dark Bronze	36" (914 mm)	Reversible	UL, ANSI A156.3, ULC	1



Door Hardware

Exit Devices - Panic Bars

onward

Richelieu Section 21H

Vertical Rod Panics Bars - 236 Series

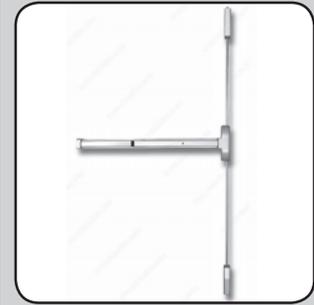
PRODUCT	FINISH	LENGHT	NON-REVERSIBLE	STANDARDS AND CERTIFICATIONS	QTY/BOX
236EVAL	Aluminum	36" (914 mm)	Reversible	UL, ANSI A156.3, ULC	1
236EVDB	Dark Bronze	36" (914 mm)	Reversible	UL, ANSI A156.3, ULC	1

Rim Type Panic Bars (Fire-Rated) - 236 Series

PRODUCT	FINISH	LENGHT	NON-REVERSIBLE	FIRE RESISTANCE	STANDARDS AND CERTIFICATIONS	QTY/BOX
236EFRAL	Aluminum	36" (914 mm)	Reversible	1h30	UL, UL10C, UBC 7-2-1997, ANSI A156.3, ULC	1
236EFRDB	Dark Bronze	36" (914 mm)	Reversible	1h30	UL, UL10C, UBC 7-2-1997, ANSI A156.3, ULC	1

Vertical Rod Panic Bars (Fire-Rated) - 236 Series

PRODUCT	FINISH	LENGHT	NON-REVERSIBLE	FIRE RESISTANCE	STANDARDS AND CERTIFICATIONS	QTY/BOX
236EFVAL	Aluminum	36" (914 mm)	Reversible	1h30	UL, UL10C, UBC 7-2-1997, ANSI A156.3, ULC	1
236EFVDB	Dark Bronze	36" (914 mm)	Reversible	1h30	UL, UL10C, UBC 7-2-1997, ANSI A156.3, ULC	1



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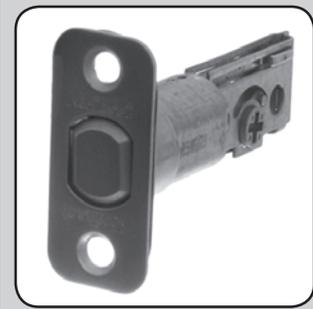
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2-3/4" Latch for 17 Series Pocket Door Locks

Specification(s):

- Backset: 2-3/4" (70 mm)
- Door Type: Wood
- Material: Steel

PRODUCT	FINISH	FUNCTION	QTY/BOX
17PDL275AN10	Antique Nickel	Passage	1
17PDL275AN42	Antique Nickel	Privacy	1
17PDL275FB10	Black	Passage	1
17PDL275FB42	Black	Privacy	1
17PDL275NB10	Brushed Nickel	Passage	1
17PDL275NB42	Brushed Nickel	Privacy	1
17PDL275C10	Chrome	Passage	1
17PDL275C42	Chrome	Privacy	1
17PDL275ORB10	Oil-Rubbed Bronze	Passage	1
17PDL275ORB42	Oil-Rubbed Bronze	Privacy	1
17PDL275PB10	Pewter Bronze	Passage	1
17PDL275PB42	Pewter Bronze	Privacy	1
17PDL275SC10	Satin Chrome	Passage	1
17PDL275SC42	Satin Chrome	Privacy	1

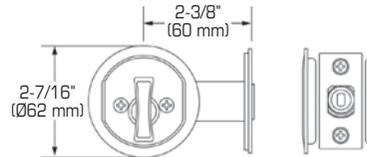


Pocket Door Lock

2-3/4" (70 mm) latch available as separate item.

Specification(s):

- Fixing Technique: Flush
- Backset: 2-3/8" (60 mm)
- Door Type: Wood
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Diameter - Overall Dimensions: 2-7/16" (62 mm)
- Material: Steel



PRODUCT	FINISH	FUNCTION	QTY/BOX
17RAN10	Antique Nickel	Passage	1
17RAN42	Antique Nickel	Privacy	1
17RFB10	Black	Passage	1
17RFB42	Black	Privacy	1
17RBB10	Brass	Passage	1
17RBB42	Brass	Privacy	1
17RBC10	Brushed Chrome	Passage	1
17RBC42	Brushed Chrome	Privacy	1
17RNB10	Brushed Nickel	Passage	1
17RNB42	Brushed Nickel	Privacy	1
17RC10	Chrome	Passage	1
17RC42	Chrome	Privacy	1
17RORB10	Oil-Rubbed Bronze	Passage	1
17RORB42	Oil-Rubbed Bronze	Privacy	1

Suggested Product(s):

17PDL275XXX – 2-3/4" Latch for 17 Series Pocket Door Locks

Door Hardware

Pocket Door

onward

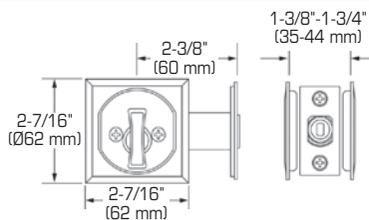
Richelieu Section 21H

Pocket Door Locks - Square

2-3/4" (70 mm) latch available as separate item.

Specification(s):

- Fixing Technique: Flush
- Backset: 2-3/8" (60 mm)
- Door Type: Wood
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Depth - Overall Dimensions: 3-5/8" (91 mm)
- Height - Overall Dimensions: 2-7/16" (62 mm)
- Material: Steel



PRODUCT	FINISH	FUNCTION	QTY/BOX
17SAN10	Antique Nickel	Passage	1
17SAN42	Antique Nickel	Privacy	1
17SFB10	Black	Passage	1
17SFB42	Black	Privacy	1
17SBB10	Brass	Passage	1
17SBB42	Brass	Privacy	1
17SBC10	Brushed Chrome	Passage	1
17SBC42	Brushed Chrome	Privacy	1
17SNB10	Brushed Nickel	Passage	1
17SNB42	Brushed Nickel	Privacy	1
17SC10	Chrome	Passage	1
17SC42	Chrome	Privacy	1
17SORB10	Oil-Rubbed Bronze	Passage	1
17SORB42	Oil-Rubbed Bronze	Privacy	1

Suggested Product(s):

17PDL275XXX – 2-3/4" Latch for 17 Series Pocket Door Locks

Knockdown Pocket Door with Hardware Kit

Quick and easy installation. Complete Steel System for Wood Pocket Doors. Set for concealed pocket door installation. Width is adjustable to fit the wall interior. In the application photo provided, two sets are installed opposite one another.

Specification(s):

- Function: Pocket / Recessed Panel
- Door Type: Wood, MDF
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Rail Length: 72" (1829 mm)
- Weight Capacity per Door: Max. 150 lb (68 kg)
- Track Mounting: On Ceiling Surface
- Design Intent: Closet and Walk-In Closet, Storage
- Door Mounting Method: Screw
- Soft-Close Type: Universal Option Available
- Door Installation: Concealed Inside Wall
- Groove Needed for Guiding System: No
- Maximum Door Weight: 150 lb (68 kg)
- Roller Position: Upper
- Door Width: 24" to 36" (610 to 914 mm)
- Rail Material: Aluminum
- Number of Doors: 1

PRODUCT	ROLLER BEARING	DOOR HEIGHT	QTY/BOX
148150BC	Axel (Bushing)	80" (2032 mm)	1
1488150BC	Ball Bearing	96" (2438 mm)	1
1485150BC	Ball Bearing	80" (2032 mm)	1



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CCRM 2018

Pre-Built Pocket Door Frame and Hardware Kit

Adjustable dimensions. Adjustable Pre-Built Pocket Door Frame System.

For one sliding pocket door with a thickness of up to 1-3/4" (44 mm) for a finished opening of 24" to 36". The jump-proof track is constructed of corrosion-resistant aluminum.

Specification(s):

- Function: Pocket / Recessed Panel
- Door Type: Wood, MDF
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Rail Length: 72" (1829 mm)
- Weight Capacity per Door: Max. 150 lb (68 kg)
- Track Mounting: On Ceiling Surface
- Design Intent: Closet and Walk-In Closet, Storage
- Door Mounting Method: Screw
- Soft-Close Type: Universal Option Available
- Roller Type: Axel (Bushing)
- Door Installation: Concealed Inside Wall
- Maximum Door Weight: 150 lb (68 kg)
- Roller Position: Upper
- Door Width: 24" to 36" (610 to 914 mm)
- Rail Material: Aluminum
- Number of Doors: 1

PRODUCT	QTY/BOX
149150BC1	1
149150BC	10

Pocket Door Track

Specification(s):

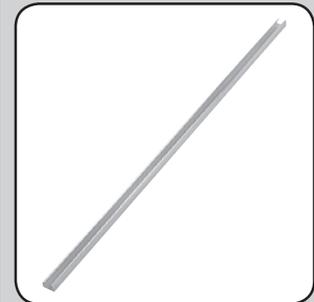
- Door Type: Wood, MDF
- Weight Capacity per Door: Max. 150 lb (68 kg)
- Rail Material: Aluminum
- Number of Doors: 1

PRODUCT	RAIL LENGHT	QTY/BOX
14704625IP	46-1/4" (1179 mm)	12
14705425IP	54-1/4" (1378 mm)	12
14705825IP	58-1/4" (1480 mm)	12
14706225IP	62-1/4" (1581 mm)	12
14707025IP	70-1/4" (1784 mm)	12
147072IP	70-7/8" (1800 mm)	12
147120IP	120" (3048 mm)	12
147144IP	144" (3658 mm)	12
147192IP	192" (4877 mm)	12

Pocket Door Stop

Sold by unit

PRODUCT	FINISH	QTY/BOX
1476XIP	Zinc Plated	50



Door Hardware

Pocket Door

onward

Richelieu Section 21H

Pocket Door Bottom Guide

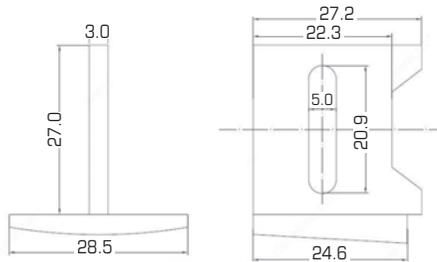
Specification(s):

- Door Installation: Concealed Inside Wall
- Groove Needed for Guiding System: No

Included:

- One 8 x 3/4" Phillips, round-head screw
- One 8 x 1" Phillips, round-head screw

PRODUCT	FINISH	QTY/BOX
1477WIP	White	1

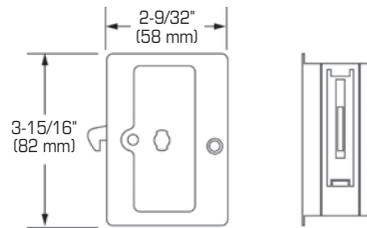


Pocket Door Pull with Passage Lock - Rectangular

Compatible with left-hand and right-hand doors. Designed to be installed on most types of doors, this pocket door with passage lock is a stylish way to add safety to your home.

Specification(s):

- Fixing Technique: Flush
- Door Type: Wood
- Height - Overall Dimensions: 3-7/32" (82 mm)
- Function: Passage
- Material: Steel
- Screw: Included
- Width - Overall Dimensions: 2-9/32" (58 mm)



PRODUCT	FINISH	DOOR THICKNESS	QTY/BOX
1700ABPSR	Antique Brass	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700ABPSBC	Antique Brass	1-1/4" to 1-1/2" (32 to 38 mm)	1
1700ANPSR	Antique Nickel	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700ANPSBC	Antique Nickel	1-1/4" to 1-1/2" (32 to 38 mm)	1
17AN10	Antique Nickel	1-3/8" to 1-3/4" (35 to 44 mm)	1
1700FBPSBC	Black	1-1/4" to 1-1/2" (32 to 38 mm)	1
17FB10	Black	1-3/8" to 1-3/4" (35 to 44 mm)	1
1700BPSR	Brass	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700BPSBC	Brass	1-1/4" to 1-1/2" (32 to 38 mm)	1
17BB10	Brass	1-3/8" to 1-3/4" (35 to 44 mm)	1
1700BCPSR	Brushed Chrome	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700BCPSBC	Brushed Chrome	1-1/4" to 1-1/2" (32 to 38 mm)	1
17BC10	Brushed Chrome	1-3/8" to 1-3/4" (35 to 44 mm)	1
1700NBPSR	Brushed Nickel	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700NBPSBC	Brushed Nickel	1-1/4" to 1-1/2" (32 to 38 mm)	1
17NB10	Brushed Nickel	1-3/8" to 1-3/4" (35 to 44 mm)	1
1700CPSR	Chrome	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700CPSBC	Chrome	1-1/4" to 1-1/2" (32 to 38 mm)	1
17C10	Chrome	1-3/8" to 1-3/4" (35 to 44 mm)	1
1700ORBPSR	Oil-Rubbed Bronze	1-1/4" to 1-1/2" (32 to 38 mm)	5
1700ORBPSBC	Oil-Rubbed Bronze	1-1/4" to 1-1/2" (32 to 38 mm)	1
17ORB10	Oil-Rubbed Bronze	1-3/8" to 1-3/4" (35 to 44 mm)	1

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Door Hardware

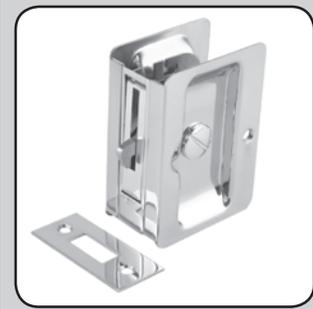
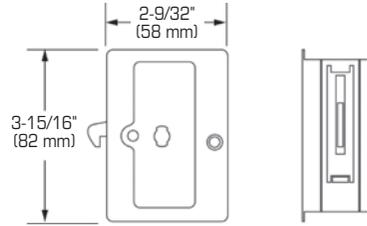
Pocket Door

Pocket Door Pull with Privacy Lock - Rectangular

Compatible with left-hand and right-hand doors. Designed to be installed on most types of doors, this pocket door pull with privacy lock is a stylish way to add safety to your home.

Specification(s):

- Fixing Technique: Flush
- Door Type: Wood
- Height - Overall Dimensions: 3-7/32" (82 mm)
- Function: Privacy
- Material: Steel
- Screw: Included
- Width - Overall Dimensions: 2-9/32" (58 mm)



PRODUCT	FINISH	DOOR THICKNESS	QTY/BOX
1701ABPSR	Antique Brass	1-1/4 to 1-1/2"	5
1701ABPSBC	Antique Brass	1-1/4 to 1-1/2"	1
1701ANPSR	Antique Nickel	1-1/4 to 1-1/2"	5
1701ANPSBC	Antique Nickel	1-1/4 to 1-1/2"	1
17AN42	Antique Nickel	1-3/8 to 1-3/4"	1
1701BCPSR	Brushed Chrome	1-1/4 to 1-1/2"	5
1701BCPSBC	Brushed Chrome	1-1/4 to 1-1/2"	1
17BC42	Brushed Chrome	1-3/8 to 1-3/4"	1
1701ORBPSR	Oil-Rubbed Bronze	1-1/4 to 1-1/2"	5
1701ORBPSBC	Oil-Rubbed Bronze	1-1/4 to 1-1/2"	1
17ORB42	Oil-Rubbed Bronze	1-3/8 to 1-3/4"	1
1701FBPSBC	Black	1-1/4 to 1-1/2"	1
17FB42	Black	1-3/8 to 1-3/4"	1
1701BPSR	Brass	1-1/4 to 1-1/2"	5
1701BPSBC	Brass	1-1/4 to 1-1/2"	1
17BB42	Brass	1-3/8 to 1-3/4"	1
1701NBPSR	Brushed Nickel	1-1/4 to 1-1/2"	5
1701NBPSBC	Brushed Nickel	1-1/4 to 1-1/2"	1
17NB42	Brushed Nickel	1-3/8 to 1-3/4"	1
1701CPSR	Chrome	1-1/4 to 1-1/2"	5
1701CPSBC	Chrome	1-1/4 to 1-1/2"	1
17C42	Chrome	1-3/8 to 1-3/4"	1

Door Hardware

Pocket Door

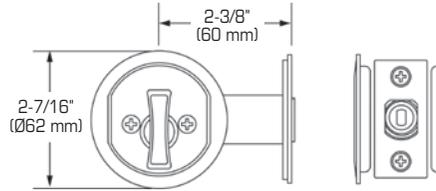
onward

Richelieu Section 21H

Pocket Door Pull - Round

Specification(s):

- Fixing Technique: Flush
- Backset: 2-3/8" (60 mm)
- Door Type: Wood
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Diameter - Overall Dimensions: 2-7/16" (62 mm)
- Material: Steel

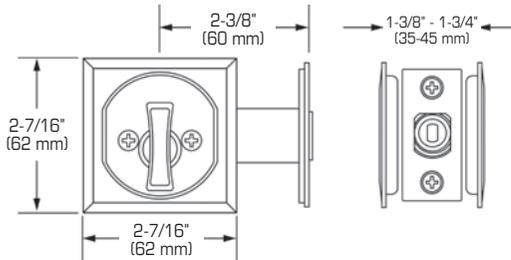


PRODUCT	FINISH	FUNCTION	QTY/BOX
17RORB42	Oil-Rubbed Bronze	Privacy	1
17RBC42	Brushed Chrome	Privacy	1
17RBC10	Brushed Chrome	Passage	1
17RNB10	Brushed Nickel	Passage	1
17RC42	Chrome	Privacy	1
17RORB10	Oil-Rubbed Bronze	Passage	1
17RFB10	Black	Passage	1
17RBB42	Brass	Privacy	1
17RBB10	Brass	Passage	1
17RAN42	Antique Nickel	Privacy	1
17RAN10	Antique Nickel	Passage	1
17RNB42	Brushed Nickel	Privacy	1
17RFB42	Black	Privacy	1
17RC10	Chrome	Passage	1

Pocket Door Pull - Round

Specification(s):

- Fixing Technique: Flush
- Backset: 2-3/8" (60 mm)
- Door Type: Wood
- Handedness: Reversible for Left or Right
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Depth - Overall Dimensions: 3-19/32" (91 mm)
- Height - Overall Dimensions: 2-7/16" (62 mm)
- Material: Steel



PRODUCT	FINISH	FUNCTION	QTY/BOX
17SNB42	Brushed Nickel	Privacy	1
17SNB10	Brushed Nickel	Passage	1
17SC10	Chrome	Passage	1
17SBC10	Brushed Chrome	Passage	1
17SBB42	Brass	Privacy	1
17SAN42	Antique Nickel	Privacy	1
17SORB42	Oil-Rubbed Bronze	Privacy	1
17SORB10	Oil-Rubbed Bronze	Passage	1
17SBC42	Brushed Chrome	Privacy	1
17SAN10	Antique Nickel	Passage	1
17SFB42	Black	Privacy	1
17SFB10	Black	Passage	1
17SC42	Chrome	Privacy	1
17SBB10	Brass	Passage	1

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Pocket Door Hardware Kit with Ball Bearing Wheels

Specification(s):

- Function: Pocket / Recessed Panel
- Door Type: Wood, MDF
- Weight Capacity per Door: Max. 150 lb (68 kg)
- Door Mounting Method: Screw
- Roller Type: Ball Bearing
- Number of Doors: 1

PRODUCT	FINISH	QTY/BOX
147593IP	Yellow Zinc	1

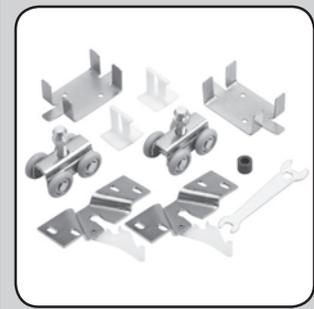
Pocket Door Hardware Kit

For one sliding pocket door with a thickness of up to 1-3/4" (44 mm) and weighing up to 150 lb (68 kg). Track not included.

Specification(s):

- Function: Pocket / Recessed Panel
- Door Type: Wood, MDF
- Door Thickness: 1-3/8" to 1-3/4" (35 to 44 mm)
- Weight Capacity per Door: Max. 150 lb (68 kg)
- Roller Type: Axel (Bushing)
- Roller Position: Upper
- Number of Doors: 1

PRODUCT	FINISH	QTY/BOX
14793IP	Yellow Zinc	1



1600 Series Fixed Power Door Closer

Specification(s):

- Application: Left-handed or right-handed door
- Guarantee: 5-year guarantee
- Standards and Certifications: UL10C, ANSI A156.4

PRODUCT	FINISH	TYPE	CAPACITY PER DOOR	FORCE NO.	GRADE	CASE TYPE	QTY/ BOX
1600SI10BC	Satin Aluminum	Non Hold-Open	15 to 30 kg	N°1	3	N°0	1
1600SI21BC	Satin Aluminum	Non Hold-Open	25 to 45 kg	N°2	2	N°1	1
1600SI22BC	Satin Aluminum	Non Hold-Open	25 to 45 kg	N°2	2	N°2	1
1600SI32BC	Satin Aluminum	Non Hold-Open	40 to 65 kg	N°3	2	N°2	1
1600SI33BC	Satin Aluminum	Non Hold-Open	40 to 65 kg	N°3	2	N°3	1
1600SI44BC	Satin Aluminum	Non Hold-Open	80 to 100 kg	N°3	2	N°4	1

4001 Series Adjustable Power Door Closer

Specification(s):

- Width: 11-1/8" (283 mm)
- Height: 3-9/16" (91 mm)
- Application: Left-handed or right-handed door
- Depth: 2" (51 mm)
- Guarantee: 10-year guarantee
- Standards and Certifications: UL10C, ANSI A156.4

PRODUCT	FINISH	TYPE	CAPACITY PER DOOR	FORCE NO.	GRADE	QTY/ BOX
4001CNSAL	Satin Aluminum	Hold-Open	Max. 331 lb (150 kg)	N°1 - N°6	1	1
4001AL	Satin Aluminum	Non Hold-Open	Max. 331 lb (150 kg)	N°1 - N°6	1	1

1036 Series Adjustable Power Door Closer

Specification(s):

- Width: 9-41/64" (245 mm)
- Height: 1-51/64" (46 mm)
- Application: Left-handed or right-handed door
- Depth: 2-53/64" (72 mm)
- Guarantee: 5-year guarantee
- Standards and Certifications: UL10C, ANSI A156.4

PRODUCT	FINISH	TYPE	CAPACITY PER DOOR	FORCE NO.	GRADE	QTY/ BOX
1036BZ	Bronze	Non Hold-Open	99 to 331 lb (45 to 150 kg)	N°3 - N°6	1	1
1036AL	Satin Aluminum	Non Hold-Open	99 to 331 lb (45 to 150 kg)	N°3 - N°6	1	1



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CCRM 2018

4400 Series Fixed Power Door Closer

10 year guarantee. Compatible with left-hand and right-hand doors. Adjustable latching and closing speeds.

Specification(s):

- Width: 9-5/8 in (245 mm)
- Height: 1-13/16 in (30 mm)
- Application: Left-handed or right-handed door
- Depth: 2-13/16 in (71 mm)
- Collection: Door Closers
- Guarantee: 10-year guarantee
- Standards and Certifications: UL10C, ANSI A156.4i

Included:

Mounting hardware

PRODUCT	FINISH	TYPE	CAPACITY PER DOOR	FORCE NO.	GRADE	QTY/ BOX
4441BZ	Bronze	Non Hold-Open	187 lb (85 kg)	N°4	1	1
4441AL	Satin Aluminum	Non Hold-Open	187 lb (85 kg)	N°4	1	1
4551AL	Satin Aluminum	Non Hold-Open	265 lb (120 kg)	N°5	1	1

9016 Series Adjustable Power Door Closer

Adjustable latching and closing speeds. Compatible with left-hand and right-hand doors.

Specification(s):

- Width: 11-27/32" (301 mm)
- Height: 2" (51 mm)
- Application: Left-handed or right-handed door
- Depth: 2-23/64" (60 mm)
- Guarantee: 10-year guarantee
- Standards and Certifications: UL10C, ANSI A156.4

PRODUCT	FINISH	TYPE	CAPACITY PER DOOR	FORCE NO.	GRADE	QTY/ BOX
9016CSAL	Satin Aluminum	Door Stop	66 to 331 lb (30 to 150 kg)	N°2 - N°6	1	1
9016CSHAL	Satin Aluminum	Door Stop, Hold-Open	66 to 331 lb (30 to 150 kg)	N°2 - N°6	1	1
9016HAL	Satin Aluminum	Hold-Open	66 to 331 lb (30 to 150 kg)	N°2 - N°6	1	1
9016AL	Satin Aluminum	Non Hold-Open	66 to 331 lb (30 to 150 kg)	N°2 - N°6	1	1
9016CSA	Satin Aluminum	Door Stop	66 to 331 lb (30 to 150 kg)	N°2 - N°6	1	1



Holding Device

For 9016 Series Adjustable Door Closers.

PRODUCT	FINISH	QTY/BOX
9016HA	Satin Aluminum	1

Adjustable Holding Arm

For 9016 Series Adjustable Door Closers.

PRODUCT	FINISH	QTY/BOX
9016HCSA	Satin Aluminum	1

Adjustable Holding Arm

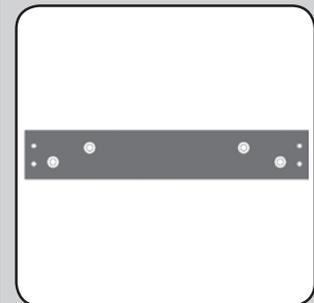
For 9016 Series Adjustable Door Closers.

PRODUCT	FINISH	QTY/BOX
9016MAA	Satin Aluminum	1

Small Drop Plate

For 9016 Series Adjustable Door Closers.

PRODUCT	FINISH	QTY/BOX
9016NDP	Satin Aluminum	1



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Bi-Fold Door Mechanism Track

Track for economical wood bi-fold door mechanism.

PRODUCT	FINISH	RAIL LENGTH	QTY/BOX
14318WIP	White	17-3/4" (451 mm)	50
14324WIP	White	23-3/4" (603 mm)	50
14328WIP	White	27-3/4" (705 mm)	50
14330WIP	White	29-3/4" (756 mm)	50
14332WIP	White	31-3/4" (806 mm)	50
14336WIP	White	35-3/4" (908 mm)	50
14348WIP	White	47-3/4" (1213 mm)	50
14360WIP	White	59-3/4" (1518 mm)	50
14372WIP	White	71-3/4" (1822 mm)	50
14396WIP	White	95-3/4" (2432 mm)	50

Bi-Fold Door Hardware

Plastic pivots, rail joint included.

- 1 set of hardware parts for the installation of a wood bi-fold door with 2 panels
- Rail not included
- Wood bi-fold doors with 4 panels require 2 sets
- This product is designed for door panels with lower and upper holes for pivot diameters of 7/16" (11 mm)

Specification(s):

- Door Type: Wood, MDF
- Weight Capacity per Door: Max. 30 lb (13.6 kg)
- Number of Doors: 1
- Door Installation: Inside Frame
- Design Intent: Closet and Walk-In Closet
- Pre-Drilled Hole Diameter for Pivots: 7/16" (11 mm)

PRODUCT	FINISH	QTY/BOX
14392IP	White	1

Bi-Fold Door Hardware

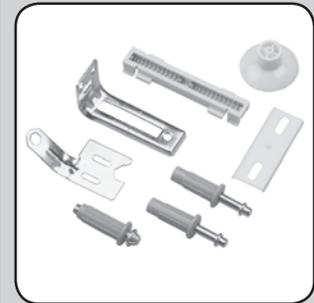
Steel 3/8" pivot, rail joint included

- 1 set of hardware parts for the installation of a wood bi-fold door with 2 panels
- Rail not included
- Wood bi-fold doors with 4 panels require 2 sets
- This product is designed for door panels with lower and upper holes for pivot diameters of 3/8" (10 mm)

Specification(s):

- Door Type: Wood, MDF
- Door Thickness: 1" to 1-3/8" (25 to 35 mm)
- Weight Capacity per Door: Max. 30 lb (13.6 kg)
- Number of Doors: 1
- Door Installation: Inside Frame
- Design Intent: Closet and Walk-In Closet, Storage
- Pre-Drilled Hole Diameter for Pivots: 3/8" (10 mm)

PRODUCT	FINISH	QTY/BOX
1439238IP	White	1
1439438IP	White	1



Door Hardware

Bypass Door

onward

Richelieu Section 21H

Double-Panel Closet Sliding System Kit

Specification(s):

- Design Intent: Closet and Walk-In Closet
- Door Type: Wood, MDF
- Door Installation: Inside Frame
- Material: Plastic, Metal
- Roller Type: Axel (Bushing)
- Door Mounting Method: Screw
- Roller Position: Upper
- Door Thickness: 3/4" to 1-3/8" (19 to 35 mm)
- Number of Doors: 2
- Weight Capacity per Door: Max. 60 lb (27.2 kg)

PRODUCT	FINISH	HANDLES FINISH	QTY/BOX
14611IP	Zinc Plated	Chrome	1
14610IP	Zinc Plated	White	1

Sliding System for Closet Kit

Specification(s):

- Door Installation: Inside Frame
- Material: Metal
- Rail Material: Steel
- Weight Capacity per Door: Max. 60 lb (27.2 kg)

PRODUCT	FINISH	RAIL LENGTH	QTY/BOX
14648WIP	White	46-3/8" (1178 mm)	16
14660WIP	White	58-3/8" (1483 mm)	16
14672WIP	White	70-3/8" (1788 mm)	16
14696WIP	White	93-3/8" (2372 mm)	16
146144WIP	White	144" (3658 mm)	10

Bypass Door Hardware Kits

- Dial-adjustable door hangers simplify door adjustment and alignment.
- V-shaped track is jump-proof and constructed of corrosion-resistant galvanized steel.

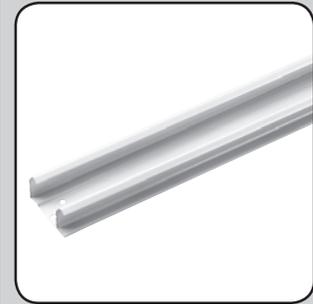
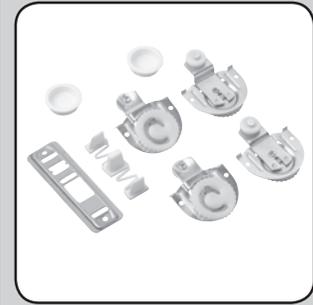
Specification(s):

- Function: Double Panel
- Design Intent: Closet and Walk-In Closet, Storage
- Door Type: Wood, MDF
- Door Installation: Inside Frame
- Track Mounting: On Ceiling Surface
- Handles Finish: Brass (130)
- Roller Type: Axel (Bushing)
- Door Mounting Method: Screw
- Roller Position: Upper
- Rail Material: Steel
- Door Thickness: 3/4 to 1-3/8" (19 to 35 mm)
- Number of Doors: 2
- Weight Capacity per Door: Max. 60 lb (27.2 kg)

Included:

- 1 Sliding door track
- 1 Adjustable floor guide
- 4 Dial-adjust door hangers
- 2 Brass plated finger pulls
- Necessary fasteners

PRODUCT	FINISH	DOOR WIDTH	RAIL LENGTH	QTY/BOX
14648BC	Zinc	Max. 24" (610 mm)	48" (1220 mm)	16
14660BC	Zinc	Max. 30" (762 mm)	60" (1524 mm)	16
14672BC	Zinc	Max. 36" (915 mm)	72" (1829 mm)	16
14696BC	Zinc	Max. 48" (1220 mm)	96" (2438 mm)	16



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CCRM 2018

Pivots

- Full face frame installation
- Full race bearing design
- Hardened steel stud in floor position
- Weather-resistant
- Suitable for aluminum doors
- 3/4" (19 mm) offset pivots
- 1/8" (3 mm) recessed door application
- Vertical height adjustment of 1/8" (3 mm)
- Maximum Load: 125 lb (56.7 kg)

Jackson Style Door Pivots - 2800 Series

Opening: Reversible for Left or Right

PRODUCT	FINISH	QTY/BOX
89500BZB	Dark Bronze	1
89500ALB	Silver	1

Jackson Style Door Pivots - 3100 Series

PRODUCT	FINISH	OPENING	QTY/BOX
89501BZB	Dark Bronze	Left	1
89502BZB	Dark Bronze	Right	1
89501ALB	Silver	Left	1
89502ALB	Silver	Right	1

Kawneer Style Door Pivots

PRODUCT	FINISH	OPENING	QTY/BOX
89504BZB	Dark Bronze	Left	1
89503BZB	Dark Bronze	Right	1
89504ALB	Silver	Left	1
89503ALB	Silver	Right	1

Arch Style Door Pivots

PRODUCT	FINISH	OPENING	QTY/BOX
89505BZB	Dark Bronze	Left	1
89506BZB	Dark Bronze	Right	1
89505ALB	Silver	Left	1
89506ALB	Silver	Right	1



Armalite Style Door Pivots

PRODUCT	FINISH	OPENING	QTY/BOX
89508BZB	Dark Bronze	Left	1
89509BZB	Dark Bronze	Right	1
89508ALB	Satin Aluminum	Left	1
89509ALB	Satin Aluminum	Right	1

Pitco Style Door Pivot

PRODUCT	FINISH	OPENING	QTY/BOX
89510BZB	Dark Bronze	Left	1
89511BZB	Dark Bronze	Right	1
89510ALB	Silver	Left	1
89511ALB	Silver	Right	1

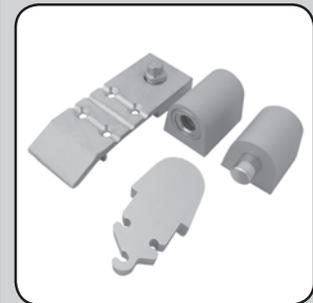
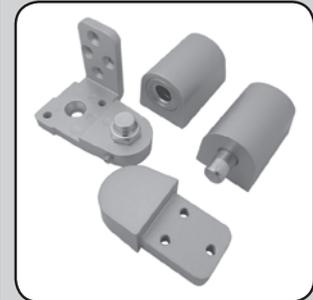
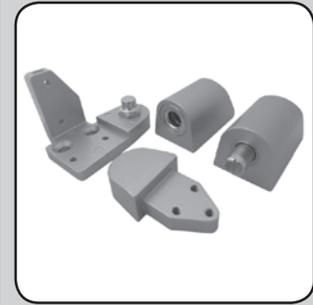
Aldora Style Door Pivots

- Suitable for aluminum doors weighing up to 57 kg (125 lb). These pivots are engineered and designed for durability, style and are easy to install.
- 3/4" (19 mm) offset pivots for aluminum doors and frames
- For flush door/frame and 1/8" (3 mm) recessed door applications
- Weather resistant
- Aluminum case construction
- Vertical adjustment 1/8" (3 mm)
- Tempered steel dowel in floor
- Full race ball bearing and design, provides smooth operation on bottom pivot door portion
- No sagging, entire weight of door rests on floor-mounted pivot portion
- Pivot is unshakable, but easily removable and replaceable in unlocked position

Specification(s):

- Opening: Reversible for Left or Right
- Maximum Load: 125 lb (56.7 kg)

PRODUCT	FINISH	QTY/BOX
89507BZB	Dark Bronze	1
89507ALB	Satin Aluminum (10)	1



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Door Hardware

Finishing Hardware - Surface and Flush Bolts

onward

Richelieu Section 21H

18" Surface Bolts

Regain your peace of mind with this surface bolt. Ideal for doors, lockers, cabinets, gates, chests or anything needing added security. Designed for both left and right hand applications.

Specification(s):

- Material: Solid Brass
- Screw: Included
- Length - Overall Dimensions: 18" (457 mm)

Included:

18" (457 mm) Surface bolt, 3 Keepers for surface mount

PRODUCT	FINISH	QTY/BOX
39218ANV	Antique Nickel	1
39218BV	Brass	1
39218NBV	Brushed Nickel	1
39218ORB	Oil-Rubbed Bronze	1

6" x 3/4" Flush Bolt

Designed to be installed on most types of doors, this flush bolt is a stylish way to add safety to your home.

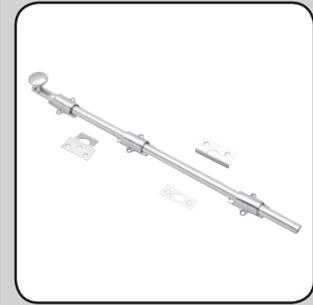
Specification(s):

- Length - Overall Dimensions: 6" (152 mm)
- Width - Overall Dimensions: 3/4" (19 mm)
- Radius End: 5/8" (16 mm)

Included:

- 6" (152 mm) long, 5/8" radius end, 3/4" (19 mm) width
- 1-5/16" (33 mm) bolt end height, 0.08" gauge
- Strike plate: 50 mm x 22.48 mm (1.965" x 0.885") 0.045" gauge
- Screws and strike included: all flush bolts include 4 #6 x 3/4" flat head Phillips wood screws

PRODUCT	FINISH	MATERIAL	QTY/BOX
65ABV	Antique Brass	Metal	1
65ABR	Antique Brass	Metal	5
65ANV	Antique Nickel	Metal	1
65ANR	Antique Nickel	Metal	5
65FBV	Black	Metal	1
65BV	Brass	Metal	1
65BR	Brass	Metal	5
65BCV	Brushed Chrome	Metal	1
65NBV	Brushed Nickel	Metal	1
65NBR	Brushed Nickel	Metal	5
65CV	Chrome	Metal	1
65ORB	Oil-Rubbed Bronze	Metal	1
65ORBR	Oil-Rubbed Bronze	Metal	5
65SBR	Solid Brass	Solid Brass	5



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CCRM 2018

Door Hardware

Finishing Hardware - Door Stops

Flip-Down Door Stop

Mounts to the door and holds door in place when pulled down.
All flip-down door stops come with 3 #6 x 7/8" oval head square drive wood screws.

Specification(s):

- Material: Metal
- Projection - Overall Dimensions: 5" (127 mm)
- Width - Overall Dimensions: 1-21/32" (42 mm)
- Tip Diameter: 7/8" (22 mm)

PRODUCT	FINISH	QTY/BOX
68ABV	Antique Brass	1
68ANV	Antique Nickel	1
68ANR	Antique Nickel	5
68FBV	Black	1
68FBR	Black	5
68BV	Brass	1
68BR	Brass	5
68BCV	Brushed Chrome	1
68BCR	Brushed Chrome	5
68NBV	Brushed Nickel	1
68NBR	Brushed Nickel	5
68CV	Chrome	1
68CR	Chrome	5
68ORBV	Oil-Rubbed Bronze	1
68ORBR	Oil-Rubbed Bronze	5



3" Rigid Door Stop

This rigid door stop is the simplest and aesthetic way to protect your walls and doors thanks to its rubber tip.

- Easy to install with attached mounting screw
- Prevent wall and door damages

Specification(s):

- Projection - Overall Dimensions: 3" (76 mm)
- Screw/Nail: Wood Screw (Included)
- Base Diameter: 1" (25 mm)
- Tip Diameter: 11/16" (17 mm)

Included:

- Door stop with #6 x 5/8" wood thread attachment

PRODUCT	FINISH	MATERIAL	QTY/BOX
216ABR	Antique Brass	Metal	1
216ANR	Antique Nickel	Metal	1
216ANV	Antique Nickel	Metal	1
216FBR	Black	Metal	1
216FBV	Black	Metal	1
216BR	Brass	Metal	1
216BV	Brass	Metal	1
216ACBR	Brushed Antique Copper	Metal	1
216NBR	Brushed Nickel	Metal	1
216NBV	Brushed Nickel	Metal	1
216CV	Chrome	Metal	1
216ORBR	Oil-Rubbed Bronze	Metal	1
216ORBV	Oil-Rubbed Bronze	Metal	1
216SCR	Satin Chrome	Metal	1
216SCV	Satin Chrome	Metal	1
216WR	White	Metal	1
216WV	White	Metal	1
216SBR	Solid Brass	Solid Brass	1



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Flexi Door Stop

This flexi door stop is the simplest and most aesthetic way to protect your walls and doors thanks to its rubber tip.

- Easy to install
- Prevent wall and door damages

Specification(s):

- Material: Metal
- Screw/Nail: Wood Screw (Included)
- Base Diameter: 1" (25 mm)
- Tip Diameter: 9/16" (14 mm)

Included:

- Doorstop with #6 x 5/8" wood screws



PRODUCT	FINISH	PROJECTION - OVERALL DIMENSIONS	QTY/BOX
217ABB	Antique Brass	3" (76 mm)	50
217ABVB	Antique Brass	3" (76 mm)	50
BP6150MAE	Antique Brass	3-1/8" (80 mm)	2
217ANB	Antique Nickel	3" (76 mm)	50
217ANVB	Antique Nickel	3" (76 mm)	50
217FBVB	Black	3" (76 mm)	50
217BNB	Black Nickel	3" (76 mm)	50
217BNVB	Black Nickel	3" (76 mm)	50
217BNR	Black Nickel	3" (76 mm)	10
217BNV	Black Nickel	3" (76 mm)	1
BP615091	Black Nickel	3-1/8" (80 mm)	2
217BB	Brass	3" (76 mm)	50
217BVB	Brass	3" (76 mm)	50
217BR	Brass	3" (76 mm)	10
217BV	Brass	3" (76 mm)	1
217BS	Brass	3" (76 mm)	10
6150130	Brass	3-1/8" (80 mm)	100
217BZB	Bronze	3" (76 mm)	50
217ACBVB	Bronze	3" (76 mm)	50
BP6150195	Bronze	3-1/8" (80 mm)	2
217DXB	Dull Zinc	3" (76 mm)	50
217NB	Nickel	3" (76 mm)	50
217NVB	Nickel	3" (76 mm)	50
217NR	Nickel	3" (76 mm)	10
217ORBB	Oil-Rubbed Bronze	3" (76 mm)	50
217ORBVB	Oil-Rubbed Bronze	3" (76 mm)	50
BP6150ORB	Oil-Rubbed Bronze	3-1/8" (80 mm)	2
217WB	White	3" (76 mm)	50
217WVB	White	3" (76 mm)	50
217WR	White	3" (76 mm)	10
217WV	White	3" (76 mm)	1
BP615030	White	3-1/8" (80 mm)	2
217XB	Zinc	3" (76 mm)	50
217XVB	Zinc	3" (76 mm)	50
217XR	Zinc	3" (76 mm)	10
217XV	Zinc	3" (76 mm)	1

Door Hardware

Finishing Hardware - Door Stops

onward

Richelieu Section 21H

Low-Profile Dome Door Stop

- 1-31/32" (50 mm) total width
- 15/16" (24 mm) total height (without pin)
- Pin 0.500" long x 0.300" in diameter
- Base height 3/32" (2.38 mm)

Specification(s):

- Material: Metal
- Height: 15/16" (24 mm)
- Width - Overall Dimensions: 1-25/32" (45 mm)

Included:

- 1 #10 x 1-1/4" (32 mm) flat head square socket wood screw
- 1 Lead anchor
- 1 Plastic anchor

PRODUCT	FINISH	QTY/BOX
218ABR	Antique Brass	5
218ANV	Antique Nickel	1
218ANR	Antique Nickel	5
218FBV	Black	1
218BV	Brass	1
218BR	Brass	5
218ACBV	Brushed Antique Copper	1
218ACBR	Brushed Antique Copper	5
218XV	Brushed Chrome	1
218XR	Brushed Chrome	5
218NBV	Brushed Nickel	1
218NBR	Brushed Nickel	5
218CV	Chrome	1
218CR	Chrome	5
218ORBV	Oil-Rubbed Bronze	1
218ORBR	Oil-Rubbed Bronze	5
218WV	White	1

High-Profile Dome Stop

- 1-31/32" (50 mm) total width
- 1-3/8" (35 mm) total height (without pin)
- Pin: 0.415" long x 0.300" in diameter

Specification(s):

- Material: Metal
- Height: 1-3/8" (35 mm)
- Width - Overall Dimensions: 1-25/32" (45 mm)

Included:

- 1 #10 x 1-1/4" (32 mm) flat head square drive wood screw
- 1 lead anchor
- 1 plastic anchor

PRODUCT	FINISH	QTY/BOX
2185ABR	Antique Brass	5
2185ANV	Antique Nickel	1
2185ANR	Antique Nickel	5
2185FBV	Black	1
2185FBR	Black	5
2185BR	Brass	1
2185BV	Brass	1
2185ACBV	Brushed Antique Copper	1
2185XV	Brushed Chrome	1
2185XR	Brushed Chrome	5
2185NBR	Brushed Nickel	1
2185NBV	Brushed Nickel	1
2185CR	Chrome	1
2185CV	Chrome	1
2185ORBV	Oil-Rubbed Bronze	1
2185ORBR	Oil-Rubbed Bronze	5
2185SBR	Solid Brass	5
2185WV	White	1



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Door Hardware

Finishing Hardware - Door Stops

Riser for #218 and #2185 Door Stops

Specification(s):

- Material: Metal
- Height: 1/4" (6 mm)

PRODUCT	FINISH	QTY/BOX
21855ABV	Antique Brass	1
21855ANV	Antique Nickel	1
21855BV	Brass	1
21855BCV	Brushed Chrome	1
21855NBV	Brushed Nickel	1
21855CV	Chrome	1
21855ORB	Oil-Rubbed Bronze	1

Door Stop

Specification(s):

- Material: Metal, Rubber
- Height: 1-13/16" (46 mm)
- Diameter: 1-3/16" (30 mm)

PRODUCT	FINISH	QTY/BOX
2186ANV	Antique Nickel	1
2186NBV	Brushed Nickel	1
2186ORB	Oil-Rubbed Bronze	1

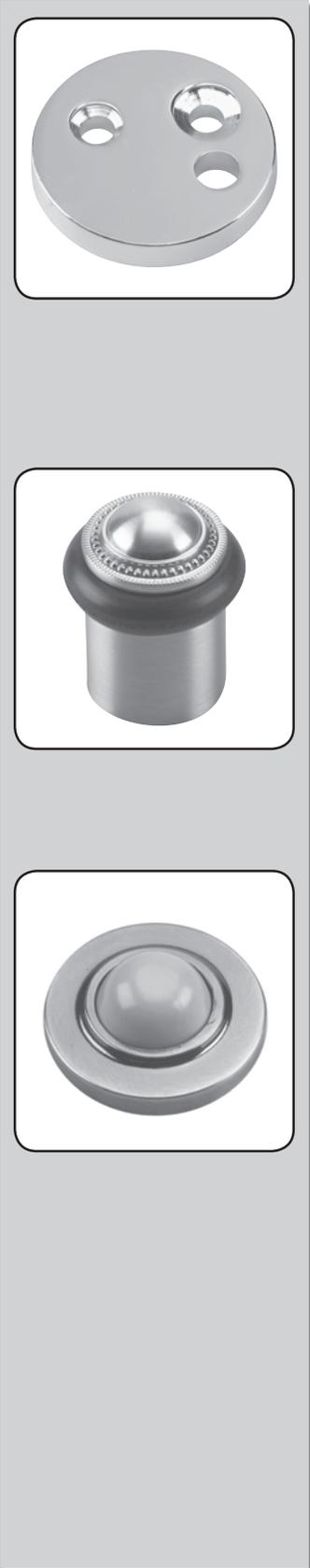
Wall Mount Door Stop - Convex

All wall mounted door stops come with 2 - #10 Pan head, Phillips socket wood screws and two plastic anchors.

Specification(s):

- Material: Metal
- Projection - Overall Dimensions: 7/8" (22 mm)
- Diameter: 2-1/2" (64 mm)

PRODUCT	FINISH	QTY/BOX
220ANV	Antique Nickel	1
220ANR	Antique Nickel	5
220FBV	Black	1
220BV	Brass	1
220BR	Brass	5
220XV	Brushed Chrome	1
220XR	Brushed Chrome	5
220NBV	Brushed Nickel	1
220NBR	Brushed Nickel	5
220CV	Chrome	1
220CR	Chrome	5
220ORB	Oil-Rubbed Bronze	1
220WR	White	5



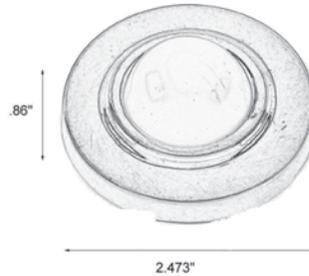
Wall Mount Door Stop - Concave

Wall bumpers are supplied with 2 #10 Philips head screws for wood and 2 plastic anchors.

Specification(s):

- Projection - Overall Dimensions: 7/8" (23 mm)
- Diameter: 2-1/2" (64 mm)

PRODUCT	FINISH	QTY/BOX
2205ANV	Antique Nickel	1
2205FBV	Black	1
2205BV	Brass	1
2205BCV	Brushed Chrome	1
2205NBV	Brushed Nickel	1
2205CV	Chrome	1
2205ORBV	Oil-Rubbed Bronze	1
2205WV	White	1
2205BR	Solid Brass	5

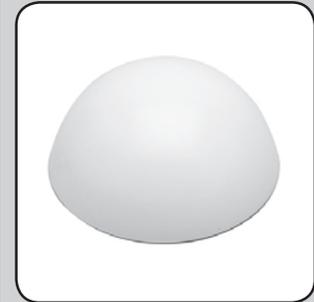
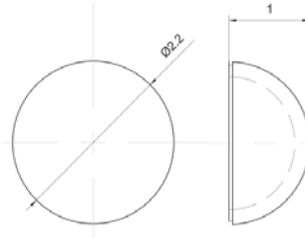


Soft Dome Wall Stop

Specification(s):

- Material: Plastic
- Height: 2-1/4" (57 mm)
- Diameter: 1-1/8" (29 mm)

PRODUCT	FINISH	QTY/BOX
2206WV	White	2



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Door Hardware

Finishing Hardware - Door Stops

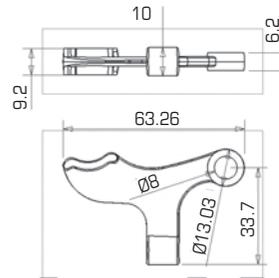
Heavy-Duty Hinge Pin Door Stop

This heavy-duty hinge pin doorstop is the simplest and aesthetic way to protect your walls and doors thanks to its rubber tip.

- Easy to install
- Prevent wall and door damage

Specification(s):

- Material: Metal
- Projection - Overall Dimensions: 2-1/2" (64 mm)
- Height: 1-25/32" (45 mm)
- Width - Overall Dimensions: 11/16" (17 mm)
- Pin Hole Diameter: 8 mm



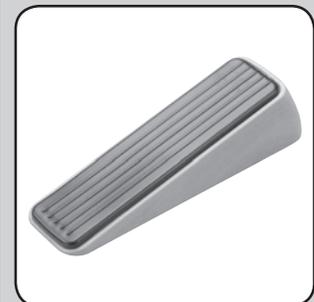
PRODUCT	FINISH	QTY/BOX
2215ABV	Antique Brass	1
2215ANV	Antique Nickel	1
2215ANR	Antique Nickel	1
2215FBV	Black	1
2215BV	Brass	1
2215BR	Brass	1
2215ACBV	Brushed Antique Copper	1
2215BCV	Brushed Chrome	1
2215BCR	Brushed Chrome	5
2215NBV	Brushed Nickel	1
2215NBR	Brushed Nickel	1
2215CV	Chrome	1
2215CR	Chrome	1
2215ORBV	Oil-Rubbed Bronze	1
2215WV	White	1
2215WR	White	5

Wedge Door Holder

Specification(s):

- Material: Rubber
- Length - Overall Dimensions: 4" (102 mm)

PRODUCT	FINISH	QTY/BOX
74PB	Black	2
74PR	Black	2
745PR	Black/Woodgrain	2



Door Hardware

Finishing Hardware - Door Stops and Strike Plates

onward

Richelieu Section 21H

Wall Mount Door Stop - Concave

DoorSaver II is simple to install, looks great, and stays in place without "working up". Its ultra-low-profile design replaces the hinge pin to create bumperless protection for doors and trim.

Works with residential hinges 3-1/2" (89 mm), and 4" (102 mm) high.

- Bumperless design eliminates damage to doors and trim: the door stop does not come in contact with the door or door casing
- Ultra-low profile
- Installs in seconds
- Hinge-mounted to fit all residential doors
- Won't work up like conventional hinge-mounted products (on hinges 3-1/2" (89 mm) and 4" (102 mm) high)
- Has multiple adjustments to create the perfect stopping point
- The stopping point can be readjusted quickly and easily
- Made from strong carbon steel

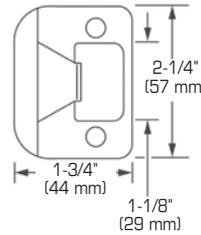
Specification(s):

- Material: Metal
- Type: Hinge Pin Door Stop

PRODUCT	FINISH	QTY/BOX
221301271	Antique Brass	1
221301275	Antique Nickel	1
221301278	Black	1
221301272	Brass	1
221301273	Chrome	1
221301276	Oil-Rubbed Bronze	1
221301274	Satin Nickel / Brushed Nickel	1
221301286	Oil-Rubbed Bronze	1
221301284	Satin Nickel	1

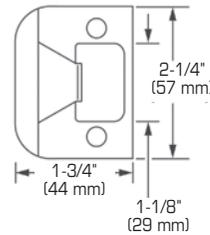
Round Strike Plates

PRODUCT	FINISH	QTY/BOX
M3204PW	Antique Nickel	50
M3204BL	Black	50
M3204ORB	Oil-Rubbed Bronze	50
M3204SS	Stainless Steel	50
M3204ZP	Zinc	50



Square Strike Plates

PRODUCT	FINISH	QTY/BOX
STRIKER32AB	Antique Brass	50
STRIKER32PW	Antique Nickel	50
STRIKER32BL	Black	50
STRIKER32SN	Brushed Nickel	50
STRIKER32ORB	Oil-Rubbed Bronze	50



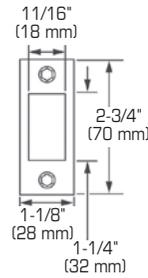
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Door Hardware

Finishing Hardware - Strike Plates

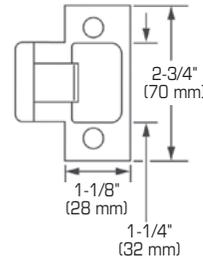
Square Strike Plates

PRODUCT	FINISH	QTY/BOX
STRIKER33AB	Antique Brass	100
STRIKER33PW	Antique Nickel	100
STRIKER33BL	Black	100
STRIKER33SN	Brushed Nickel	100



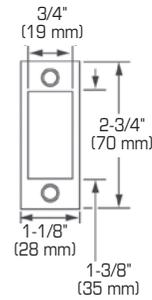
Half-Lip "T" Strike Plates

PRODUCT	FINISH	QTY/BOX
STRIKER55YZ	Yellow Zinc	50
STRIKER55ZPOS	Zinc	50



Oversize Bolt Strike Plate

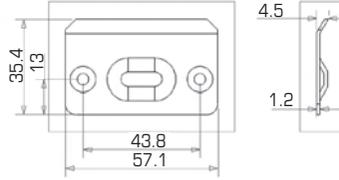
PRODUCT	FINISH	QTY/BOX
STRIKER71ZP	Zinc	100



Adjustable Ball Catch

Included:
Mounting screws included.

PRODUCT	FINISH	QTY/BOX
5035ABV	Antique Brass	1
5035ANV	Antique Nickel	1
5035FBV	Black	1
5035BV	Brass	1
5035ACBV	Brushed Antique Copper	1
5035BCV	Brushed Chrome	1
5035NBV	Brushed Nickel	1
5035CV	Chrome	1
5035ORBV	Oil-Rubbed Bronze	1

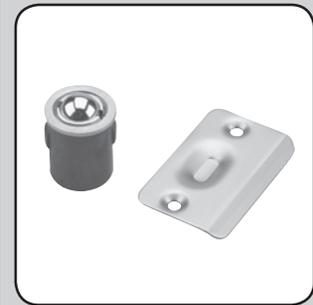
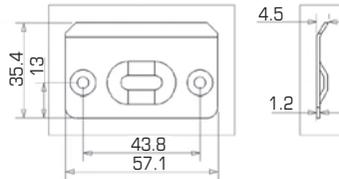


Adjustable Drive-in Ball Catch

Specification(s):
 • Material: Metal
 • Diameter: 1" (25 mm)
 • Length: 1-1/8" (29 mm)

Included:
Mounting screws included.

PRODUCT	FINISH	QTY/BOX
5037ABV	Antique Brass	1
5037ANV	Antique Nickel	1
5037FBV	Black	1
5037BV	Brass	1
5037BCV	Brushed Chrome	1
5037NBV	Brushed Nickel	1
5037CV	Chrome	1
5037ORBV	Oil-Rubbed Bronze	1



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Door Hardware

Finishing Hardware - Handrail Brackets

onward

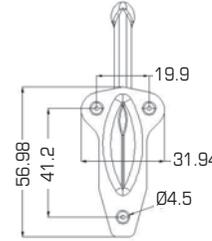
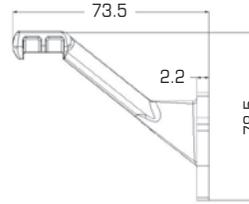
Richelieu Section 21H

Handrail Bracket

This heavy-duty hinge pin doorstop is the simplest and aesthetic way to protect your walls and doors thanks to its rubber tip.

Specification(s):

- Projection - Overall Dimensions: 2-15/16" (74 mm)
- Width: 1-1/4" (32 mm)
- Material: Metal
- Screw: Included
- Height: 2-1/4" (57 mm)
- Depth: 2-15/16" (74 mm)



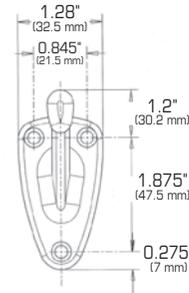
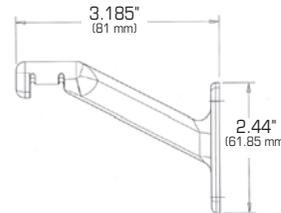
PRODUCT	FINISH	QTY/BOX
222ABV	Antique Brass	1
222ANV	Antique Nickel	1
222FBV	Black (90)	1
222BV	Brass	1
222BR	Brass	5
222ACBV	Brushed Antique Copper	1
222CV	Chrome (140)	1
222CR	Chrome (140)	5
222ORBV	Oil-Rubbed Bronze	1
222SCV	Satin Chrome	1
222SNV	Satin Nickel	1
222WV	White (30)	1
222WR	White (30)	5

Heavy-Duty Handrail Bracket

Available in a variety of finishes to suit any style, this bracket is a must for any handrail.

Specification(s):

- Projection - Overall Dimensions: 3-3/16" (81 mm)
- Width: 1-1/4" (32 mm)
- Material: Die Cast Zinc
- Screw: Included
- Height: 2-7/16" (62 mm)



PRODUCT	FINISH	QTY/BOX
228ABV	Antique Brass	1
228ANV	Antique Nickel	1
228FBV	Black (90)	1
228BV	Brass	1
228ACBV	Brushed Antique Copper	1
228BCV	Brushed Chrome	1
228CV	Chrome (140)	1
228DNV	Dull Nickel	1
228ORBV	Oil-Rubbed Bronze	1
228WV	White (30)	1

Door Hardware

Finishing Hardware - Handrail Brackets

onward

Richelieu Section 21H

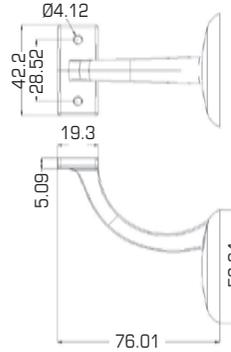
Heavy-Duty Handrail Bracket

This bracket is a must for any handrail and suits all types of home design.
1 Hole for quick and easy installation.

Specification(s):

- Projection - Overall Dimensions: 3" (76 mm)
- Support Type: Hand Rail and Wall Support
- Type: Heavy Duty Bracket
- Width: 2-1/16" (53 mm)
- Material: Metal
- Screw: Included
- Height: 2-1/16" (53 mm)

PRODUCT	FINISH	QTY/BOX
2281ABV	Antique Brass	1
2281ANV	Antique Nickel	1
2281FBV	Black (90)	1
2281BV	Brass	1
2281CV	Chrome (140)	1
2281ORBV	Oil-Rubbed Bronze	1
2281SCV	Satin Chrome	1
2281SNV	Satin Nickel	1
2281WV	White (30)	1



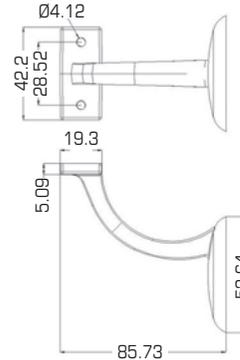
Extended Arm Heavy-Duty Handrail Bracket

This bracket is a must for any handrail and suits all types of home design.

Specification(s):

- Projection - Overall Dimensions: 3-3/8" (86 mm)
- Width: 2-1/16" (53 mm)
- Material: Die Cast Zinc
- Screw: Included
- Height: 2-1/16" (53 mm)

PRODUCT	FINISH	QTY/BOX
22815ANV	Antique Nickel	1
22815FBV	Black (90)	1
22815BV	Brass	1
22815ORBV	Oil-Rubbed Bronze	1
22815SCV	Satin Chrome	1
22815SNV	Satin Nickel	1



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CCRM 2018

Door Hardware

Finishing Hardware - Handrail Brackets

onward

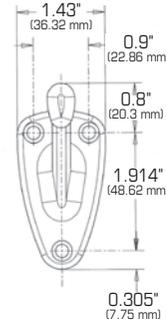
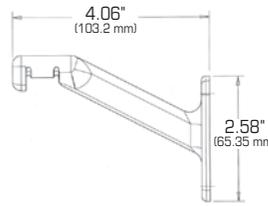
Richelieu Section 21H

Extended Arm Heavy-Duty Handrail Bracket

Available in a variety of finishes to suit any style, this bracket is a must for any handrail.
 • 3 holes for more strength and support

Specification(s):

- Projection - Overall Dimensions: 4-1/16" (103 mm)
- Type: Heavy Duty Bracket
- Width: 1-7/16" (36 mm)
- Material: Aluminum
- Screw: Included
- Height: 2-1/2" (64 mm)

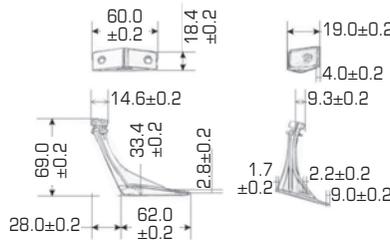


PRODUCT	FINISH	QTY/BOX
2284ABV	Antique Brass	20
2284ANV	Antique Nickel	20
2284FBV	Black (90)	20
2284BV	Brass	20
2284BCV	Brushed Chrome	20
2284CV	Chrome (140)	20
2284DNV	Dull Nickel	20
2284ORBV	Oil-Rubbed Bronze	20
2284WV	White (30)	20

Extended Arm Heavy-Duty Handrail Bracket

Specification(s):

- Projection - Overall Dimensions: 2-23/32" (69 mm)
- Width: 3/4" (19 mm)
- Material: Metal
- Screw/Nail: Included
- Height: 2-7/16" (62 mm)



PRODUCT	FINISH	QTY/BOX
2285BV	Brass	1

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CCRM 2018

Cremona Bars

Half-round bar for Cremones.
Length : 63" (1600 mm)

PRODUCT	FINISH	QTY/BOX
BAR1600448	Antique Brass	50
BAR1600818	Black	50
BAR1600118	Oil-rubbed Bronze	50
BAR1600338	Pewter	50
BAR1600558	Polished Brass	50
BAR1600228	Satin Nickel	50

Classic Cremones

A traditional and functional addition to French doors with very narrow stile conditions. May be used as pairs for a symmetrical aesthetic, or with one Entrance lock set or dead latch/deadbolt. Guides for bars included.

Bar sold separately.

PRODUCT	FINISH	QTY/BOX
CREM448	Antique Brass	5
CREM818	Black	5
CREM118	Oil-rubbed Bronze	5
CREM338	Pewter	5
CREM558	Polished Brass	5
CREM228	Satin Nickel	5

Modern Cremones

A modern and functional addition to French doors with very narrow stile conditions. May be used as pairs for a symmetrical aesthetic, or with one Entrance lock set or dead latch/deadbolt.

Guides for bars included. Bar sold separately.

PRODUCT	FINISH	QTY/BOX
ROMICLASSIC448	Antique Brass	5
ROMICLASSIC338	Antique Nickel	5
ROMICLASSIC818	Black	5
ROMICLASSIC118	Oil-rubbed Bronze	5
ROMICLASSIC558	Polished Brass	5
ROMICLASSIC228	Satin Nickel	5



Door Hardware

Hinge Accessories - Solid Brass Hinges

onward

Richelieu Section 21H

Hinge Finials - Ball Tip

Decorative finials built specifically for our solid brass hinges. Please see Suggested Products below.

PRODUCT	FINISH	QTY/BOX
A133448	Antique Brass	100
A133818	Black	100
A133998	Copper	100
A133118	Oil-Rubbed Bronze	100
A133338	Pewter	100
A133888	Satin Chrome	100

Suggested Product(s):

LM48NRP, LM818NRP, LM78NRP, LM18NRP, LM38NRP, LM88NRP – 4" Full Mortise Combination Ball Bearing Butt Hinge
 LM45448, LM45818, LM45778, LM45UNLACW, LM45888, LM45118, LM45338, LM45PN, LM45668 – 4-1/2" Full Mortise Ball Bearing Butt Hinge

Hinge Finials - Crown Tip

Decorative finials built specifically for our solid brass hinges. Please see Suggested Products below.

PRODUCT	FINISH	QTY/BOX
A134448	Antique Brass	100
A134818	Black	100
A134998	Copper	100
A134118	Oil-Rubbed Bronze	100
A134338	Pewter	100
A134778	PVD	100
A134888	Satin Chrome	100

Suggested Product(s):

LM48NRP, LM818NRP, LM78NRP, LM18NRP, LM38NRP, LM88NRP – 4" Full Mortise Combination Ball Bearing Butt Hinge
 LM45448, LM45818, LM45778, LM45UNLACW, LM45888, LM45118, LM45338, LM45PN, LM45668 – 4-1/2" Full Mortise Ball Bearing Butt Hinge

Hinge Finials - Pagoda Tip

Decorative finials built specifically for our solid brass hinges. Please see Suggested Products below.

PRODUCT	FINISH	QTY/BOX
A127448	Antique Brass	100
A127338	Antique Nickel	100
A127818	Black	100
A127998	Copper	100
A127118	Oil-Rubbed Bronze	100
A127558	Polished Brass	100
A127778	PVD	100
A127888	Satin Chrome	100
A127228	Satin Nickel	100

Suggested Product(s):

LM48NRP, LM818NRP, LM78NRP, LM18NRP, LM38NRP, LM88NRP – 4" Full Mortise Combination Ball Bearing Butt Hinge
 LM45448, LM45818, LM45778, LM45UNLACW, LM45888, LM45118, LM45338, LM45PN, LM45668 – 4-1/2" Full Mortise Ball Bearing Butt Hinge



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CCRM 2018

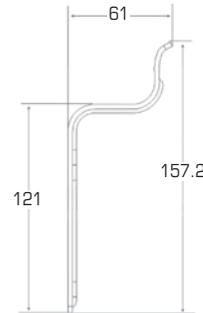
Door Hardware
Exterior Barn Door Hardware

Exterior Sliding Door Bumper

Specification(s):

- Material: Steel
- Length: 6-1/4" (16 mm)
- Door Mounting Method: Screw
- Height: 2-1/2" (64 mm)
- Width: 2-3/4" (70 mm)

PRODUCT	FINISH	QTY/BOX
2285BV	Zinc Plated	1



Fixed Plastic Stay Roller for Sliding Door

Specification(s):

- Material: Plastic, Steel
- Length: 4-1/4" (108 mm)
- Door Mounting Method: Screw
- Door Thickness: 1-3/4" (44 mm)
- Finish: Zinc Plated
- Height: 3-1/4" (83 mm)
- Width: 3-1/2" (89 mm)

PRODUCT	FINISH	QTY/BOX
24651071XV	Zinc Plated	1



Galvanized Steel Box Rail Splice Bracket with Clamp Screws for Wall Mount

Designed to join two rails, end to end, and holds it in place with the screw included. Wall mounting is designed so that tightening the lag screw draws the bracket tightly around the track and holds the bracket firmly in place.

Specification(s):

- Track Mounting: Wall Front
- Material: Steel
- Door Mounting Method: Screw
- Door Thickness: 1-1/2 to 3-1/2" (38 to 89 mm)
- Finish: Galvanized
- Height: 4-1/2" (114 mm)
- Width: 2-1/4" (57 mm)
- Length: 2" (51 mm)
- Application: Garage, sliding barn, industrial door

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651072GAV	Galvanized	Yes	1
24651073GAV	Galvanized	No	1



Door Hardware

Exterior Barn Door Hardware

Single Zinc Plated Steel Box Rail Bracket - Wall Mount

Designed so that tightening the lag screw draws the bracket tightly around the track and holds the bracket firmly in place.

Specification(s):

- Material: Steel
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Height: 4 3/4" (121 mm)
- Width: 2" (51 mm)
- Length: 2" (51 mm)
- Application: Garage, barn, and industrial sliding doors

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651389XV	Zinc Plated	No	1

Single Zinc Plated Steel Box Rail Joint Connector

Specification(s):

- Material: Steel
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Height: 3-1/4" (82 mm)
- Width: 1-3/4" (44 mm)
- Length: 2-1/4" (57 mm)

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651390XV	Zinc Plated	No	1

Single Zinc-Plated Steel Box Rail Bracket - Overhead Mount

Specification(s):

- Material: Steel
- Door Mounting Method: Screw
- Height: 3" (76 mm)
- Width: 1-3/4" (44 mm)
- Length: 4-1/2" (114 mm)
- Application: Garage, sliding barn, industrial door

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651392XV	Zinc Plated	No	1



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CCRM 2018

Double Adjustable Galvanized Steel Box Rail Bracket - Wall Mount

Adjustable wall mount bracket for box track rails. Ideal for use on metal-sided or corrugated siding.

Specification(s):

- Material: Steel
- Door Mounting Method: Screw
- Height: 1-3/4" (44 mm)
- Width: 7-3/4" (197 mm)
- Adjustable: Yes
- Length: 4-7/8" (124 mm)
- Design Intent: Barn Door
- Application: Industrial sliding garage and barn doors

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651075GAV	Galvanized	Yes	1
24651074GAV	Galvanized	No	1

Double Adjustable Zinc-Plated Steel Box Rail Connector Bracket - Wall Mount

Adjustable wall mount bracket for box track rails. Ideal for use on metal-sided or corrugated siding.

Specification(s):

- Material: Steel
- Door Mounting Method: Screw
- Height: 1-3/4" (44 mm)
- Width: 7-3/4" (197 mm)
- Adjustable: Yes
- Length: 4-7/8" (124 mm)
- Design Intent: Barn Door

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651391XV	Zinc Plated	No	1

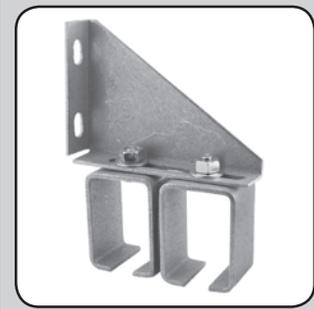
Jamb Latch for Sliding Door

The cam action combined with the adjustable hook firmly holds the door against the jamb. 7" adjustable hook.

Specification(s):

- Door Type: Wood, Steel Frame
- Product Type: Bolt Lock
- Material: Steel
- Design Intent: Barn Door

PRODUCT	FINISH	QTY/BOX
24651076XV	Zinc Plated	1



Door Hardware

Exterior Barn Door Hardware

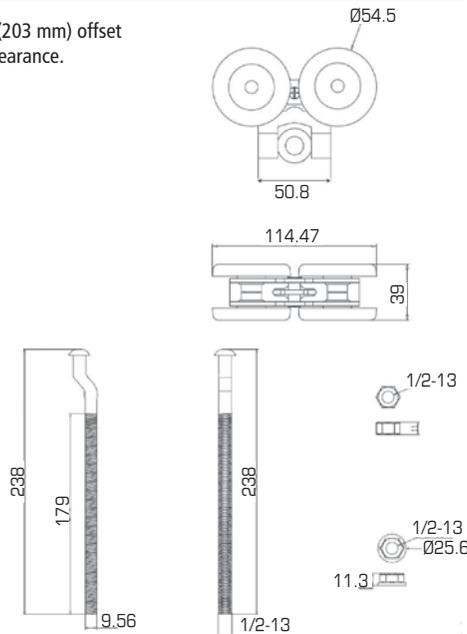
Flexible Dual Axis Box Rail Hanger

With bushing rollers and long, threaded flexible, offset mounting pin. 8" (203 mm) offset bolt. Adjusts laterally 1-1/2" (38 mm) by turning offset bolt for desired clearance.

Specification(s):

- Product Type: Trolley
- Function: Stackable
- Door Type: Wood, Steel Frame, MDF
- Material: Steel
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Number of Doors: 1
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Roller Type: Axel (Bushing)
- Height: 1-9/16" (40 mm)
- Width: 4 1/2" (114 mm)
- Adjustable: Yes
- Design Intent: Barn Door
- Application: Industrial sliding garage and barn doors

PRODUCT	FINISH	QTY/BOX
24651077XB	Zinc Plated	2



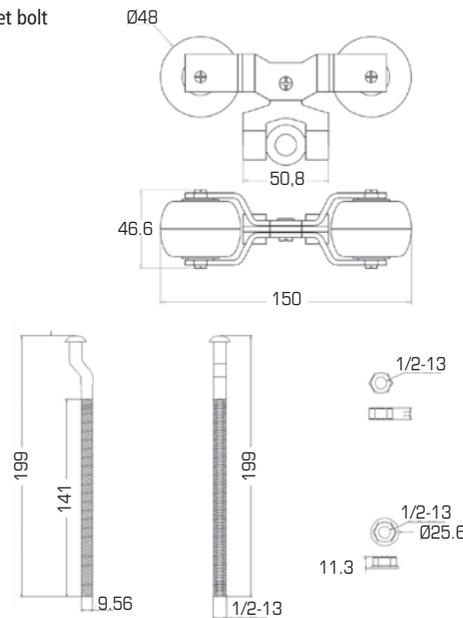
Round Rail Hanger

With ball bearings and flexible long offset threaded mounting pin. 8" offset bolt is threaded 5-1/2".

Specification(s):

- Door Type: Wood, Steel Frame, MDF
- Door Installation: In Front of Wall
- Roller Position: Upper
- Number of Doors: 1
- Weight Capacity per Door: Max. 600 lbs (272 kg)
- Roller Type: Ball Bearing
- Height: 1-3/4" (44 mm)
- Width: 6" (152 mm)
- Design Intent: Barn Door
- Application: Garages, sliding barn doors, industrial door tracks

PRODUCT	FINISH	QTY/BOX
24651078XB	Zinc Plated	2



- 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
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Round Rail Hanger with Ball Bearings and Flexible Mounting Apron

Designed for round rail barn sliding doors. Flexible trunnion allows for vertical and lateral adjustments and prevents damage to the door.

Specification(s):

- Function: Single Panel
- Door Type: Wood, MDF
- Door Installation: In Front of Wall
- Door Mounting Method: Screw
- Roller Position: Upper
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Number of Doors: 1
- Weight Capacity per Door: Max. 600 lbs (272 kg)
- Roller Type: Ball Bearing
- Design Intent: Barn Door
- Application: Garage, sliding barn door, industrial door track

PRODUCT	FINISH	QTY/BOX
24651079XB	Zinc Plated	2

Plastic Adjustable Stay Roller for Sliding Door

Reversible and adjustable guide designed for sliding doors up to 2-1/2" thick.

- Galvanized steel
- 2" (51 mm) diameter plastic roller
- Flat head wood screw included

Specification(s):

- Product Type: Guide
- Material: Plastic, Steel
- Length: 4-1/2" (114 mm)
- Set Screws Included: Yes
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 2-1/2" (38 to 64 mm)
- Height: 3-1/2" (89 mm)
- Width: 1-7/8" (48 mm)

PRODUCT	FINISH	QTY/BOX
24651393XV	Zinc Plated	1

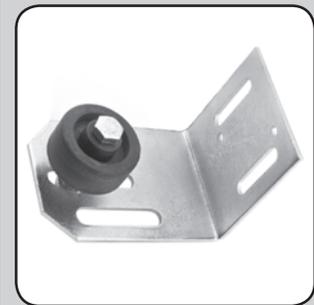
Steel Adjustable Stay Roller for Sliding Door

Durable manufacturing provides greater bracing and holding strength than the traditional single-support.

Specification(s):

- Door Type: Wood, Steel Frame
- Product Type: Guide
- Material: Steel
- Length: 5-1/2" (140 mm)
- Design Intent: Barn Door
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-3/4" (38 to 95 mm)
- Height: 4" (102 mm)
- Width: 3-15/16" (100 mm)
- Groove Needed for Guiding System: No

PRODUCT	FINISH	QTY/BOX
24651394XV	Zinc Plated	1



Plastic Adjustable Stay Roller for Sliding Door

Durable manufacturing provides greater bracing and holding strength than the traditional single-support.

Specification(s):

- Door Type: Wood, Steel Frame
- Product Type: Guide
- Material: Plastic, Steel
- Length: 5-7/8" (149 mm)
- Design Intent: Barn Door
- Door Mounting Method: Screw
- Door Thickness: 2" to 3-1/2" (51 to 89 mm)
- Height: 3-7/8" (98 mm)
- Width: 3-1/2" (89 mm)
- Packaging format: Bag

PRODUCT	FINISH	QTY/BOX
24661032XV	Zinc Plated	1

Dual Axis Box Rail Hanger

With Ball Bearings and Apron Mounting Hinge. For use on wood frame sliding barn doors. Double door strap has opposing holes for bolt mounting. Laterally and vertically adjustable.

- Vertical adjustment is made by turning the lock nut on the top of the hanger with a wrench
- Lateral adjustment is made through the slot in the apron

Specification(s):

- Product Type: Trolley
- Function: Single Panel
- Door Type: Wood, MDF
- Material: Steel
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Number of Doors: 1
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Adjustable: Yes
- Application: Industrial sliding garage and barn doors

PRODUCT	FINISH	ROLLER TYPE	QTY/BOX
24651411XV	Zinc Plated	Ball Bearing	1

Heavy-Duty Round Rail

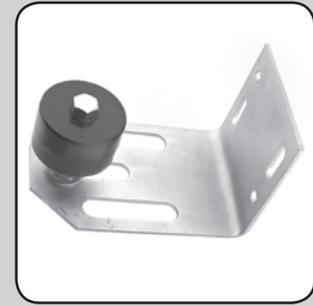
Heavy-duty round rail, load capacity 600 lbs (272 kg). Combining the easy mounting features of a box rail with the fluid operation of a round rail.

- Rail design with flat top and sides for greater stability and easier mounting
- Can be used with various types of single and multiple brackets

Specification(s):

- Door Installation: Full Overlay
- Door Mounting Method: Screw
- Rail Material: Steel
- Weight Capacity per Door: Max. 600 lb (272 kg)
- Height: 2-1/2" (64 mm)
- Width: 2-1/2" (64 mm)
- Application: Garage, sliding barn, industrial door

PRODUCT	FINISH	RAIL LENGTH	QTY/BOX
24651080GABC	Galvanized	8' (2.44 m)	1
24651081GABC	Galvanized	10' (3.05 m)	1
24651082GABC	Galvanized	12' (3.66 m)	1



- 1 SCREWS AND FASTENERS
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Single Galvanized Steel Rail Bracket - Wall Mount

To hang round track rails to the side of the building. This product is designed so that tightening the lag screw secures the bracket tightly around the track and holds the bracket firmly in place.

Specification(s):

- Door Mounting Method: Screw
- Length: 2-3/4" (70 mm)
- Set Screws Included: No
- Height: 4-3/8" (111 mm)
- Width: 2" (51 mm)
- Design Intent: Barn Door
- Application: Sliding garage, barn or industrial doors

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651083GAV	Galvanized	No	1
24651084GAV	Galvanized	Yes	1

Double Galvanized Steel Round Rail Bracket - Wall Mount

To hang round track rails to the side of the building. Adjustable double wall mount bracket for round track rails. Ideal for use on metal-sided or corrugated siding.

Specification(s):

- Door Mounting Method: Screw
- Length: 4-7/8" (124 mm)
- Height: 1-3/4" (44 mm)
- Width: 7-3/4" (197 mm)
- Design Intent: Barn Door
- Application: Sliding garage, barn or industrial doors

PRODUCT	FINISH	SCREWS INCLUDED	QTY/BOX
24651085GAV	Galvanized	No	1
24651086GAV	Galvanized	Yes	1

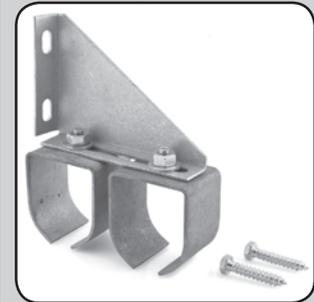
Galvanized Steel Box Rail End Cap

Sturdy and snug-fitting, the end cap for the box rail is pressed into the rail to keep the track free from foreign materials. It also eliminates potential problems caused by weather and/or birds.

Specification(s):

- Product Type: End Cap
- Set Screws Included: No
- Material: Steel
- Door Mounting Method: Screw
- Design Intent: Barn Door
- Packaging format: Per unit

PRODUCT	FINISH	QTY/BOX
24651087GABC	Galvanized	1



Door Hardware

Exterior Barn Door Hardware

Heavy Duty Galvanized Steel Box Rail with Flashing

Commercial trolley track with flashing for sliding doors on heavy-duty industrial, garage and barn doors.
 • No brackets required as the flashing provides continuous bracket support and prevents the accumulation of snow and ice

Specification(s):

- Door Type: Wood, Steel Frame, MDF
- Door Installation: In Front of Wall
- Track Mounting: Wall Front
- Rail Type: Running
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Rail Material: Steel
- Weight Capacity per Door: Max 450 lb (204 kg)
- Height: 2-3/8" (60 mm)
- Width: 1-7/8" (48 mm)

PRODUCT	FINISH	RAIL LENGHT	QTY/BOX
24651088GABC	Galvanized	8' (2.44 m)	1
24651089GABC	Galvanized	10' (3.05 m)	1
24651090GABC	Galvanized	12' (3.66 m)	1

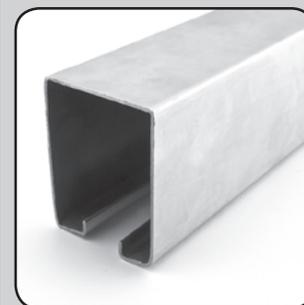
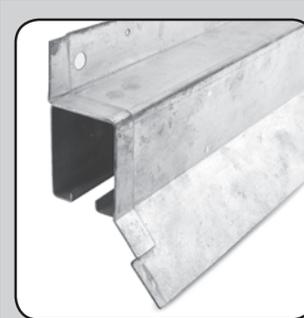
Heavy-Duty Galvanized Steel Box Rail

Commercial trolley track for sliding doors on heavy-duty industrial, garage and barn doors.
 • No brackets required as the flashing provides continuous bracket support and prevents the accumulation of snow and ice

Specification(s):

- Door Type: Wood, Steel Frame, MDF
- Door Installation: In Front of Wall, Inside Frame
- Track Mounting: On Ceiling Surface, Wall Front Using Brackets
- Rail Type: Running
- Set Screws Included: No
- Door Mounting Method: Screw
- Roller Position: Upper
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Rail Material: Steel
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Height: 2-7/16" (62 mm)
- Width: 1-31/32" (50 mm)
- Application: Industrial, garage, and barn doors

PRODUCT	FINISH	RAIL LENGHT	QTY/BOX
24654115GABC	Galvanized	6' (1.89 m)	1
24654116GABC	Galvanized	8' (2.44 m)	1
24654117GABC	Galvanized	10' (3.05 m)	1
24654118GABC	Galvanized	12' (3.66 m)	1



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CCRM 2018

Door Hardware
Exterior Barn Door Hardware

Support Clip for Finishing Trim (Flashing)

Simplifies flashing installation.

Specification(s):

- Material: Steel
- Door Mounting Method: Screw
- Height: 2" (51 mm)
- Width: 2" (51 mm)
- Length: 6" (152 mm)

PRODUCT	FINISH	QTY/BOX
24651094XBC	Zinc Plated	1

Dual Axis Box Rail Hangers

Designed for box rail sliding doors. Wheel diameter: 2-1/8" (54 mm).

Specification(s):

- Function: Stackable
- Door Type: Wood, Steel Frame, MDF
- Material: Steel
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Number of Doors: 1
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Height: 1-9/16" (40 mm)
- Width: 4-1/2" (114 mm)
- Design Intent: Barn Door
- Application: Industrial sliding garage and barn doors

PRODUCT	FINISH	ROLLER TYPE	QTY/BOX
24651383XV	Zinc Plated	Axel (Bushing)	1
24651384XV	Zinc Plated	Ball Bearing	1

Single Axis Box Rail Hanger

With Ball Bearings and Short Threaded Mounting Pin. This product is designed for box rail sliding doors. The rod/pin is removable. Thread size is 7/16" -- 14. Wheel Diameter is 1-7/8" (48 mm).

Specification(s):

- Function: Stackable
- Door Type: Wood, Steel Frame, MDF
- Material: Steel
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Number of Doors: 1
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Design Intent: Barn Door
- Application: Industrial sliding garage and barn doors

PRODUCT	FINISH	ROLLER TYPE	QTY/BOX
24651385XV	Zinc Plated	Ball Bearing	1



Door Hardware

Exterior Barn Door Hardware

onward

Richelieu Section 21H

Box Rail Door Hanger Hardware Kit

Simplifies flashing installation.

Specification(s):

- Function: Single Panel
- Door Type: Wood, Steel Frame
- Door Installation: In Front of Wall
- Track Mounting: Wall Front Using Brackets
- Rail Type: Single Rail
- Set Screws Included: Yes
- Material: Steel
- Door Mounting Method: Drill
- Roller Position: Upper
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Rail Material: Steel
- Number of Doors: 1
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Rail Length: 6' to 12' (1.89 to 3.66 m)
- Groove Needed for Guiding System: No
- System: Heavy Load (150 kg+)
- Adjustable: Yes
- Design Intent: Barn Door

PRODUCT	FINISH	ROLLER TYPE	QTY/BOX
24651386XB	Galvanized	Axel (Bushing)	1

Dual Axis Box Rail Hanger

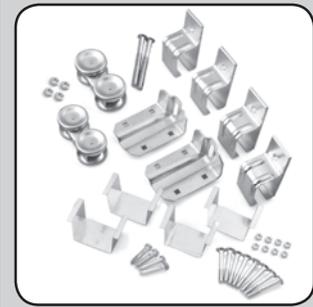
For use on wood frame sliding barn doors. Laterally and vertically adjustable.

- Vertical adjustment is made by turning the lock nut on the top of the hanger with a wrench
- Lateral adjustment is made through the slot in the apron

Specification(s):

- Function: Single Panel
- Door Type: Wood, MDF
- Material: Steel
- Door Mounting Method: Screw
- Door Thickness: 1-1/2" to 3-1/2" (38 to 89 mm)
- Number of Doors: 1
- Weight Capacity per Door: Max. 450 lb (204 kg)
- Adjustable: Yes
- Design Intent: Barn Door

PRODUCT	FINISH	ROLLER TYPE	QTY/BOX
24654112XV	Zinc Plated	Axel (Bushing)	1
24651388XV	Zinc Plated	Ball Bearing	1



- 1 SCREWS AND FASTENERS
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Door Hardware
Exterior Barn Door Hardware



Richelieu
Section 21H

Single Door Guide

Specification(s):

- Product Type: Guide
- Material: Steel
- Door Mounting Method: Screw

PRODUCT	FINISH	QTY/BOX
24651395XV	Zinc Plated	2

Double Sliding Door Guide with Adjustable Width

Specification(s):

- Product Type: Guide
- Material: Steel
- Length: 8-1/4" (210 mm)
- Design Intent: Barn Door
- Door Mounting Method: Screw
- Finish: Zinc Plated
- Width: 4-1/2" (114 mm)

PRODUCT	FINISH	QTY/BOX
24651396XV	Zinc Plated	1

Security Hardware

Padlocks

Specification(s):

- Material: Solid Brass
- Length: 1-9/16" (40 mm)

PRODUCT	FINISH	PIN	KEYS	HEIGHT	WIDTH	THICKNESS	SHACKLE LENGTH	QTY/BOX
7110724KAB	Solid Brass	4	Keyed Alike	1-9/32" (32.8 mm)	1-9/16" (40 mm)	17/32" (13.6 mm)	25/32" (19.8 mm)	1
7110727KAB	Solid Brass	4	Keyed Alike	1-9/32" (32.8 mm)	1-9/16" (40 mm)	17/32" (13.6 mm)	2-3/8" (60 mm)	1
7110728KAB	Solid Brass	4	Keyed Alike	1-9/32" (32.8 mm)	1-9/16" (40 mm)	17/32" (13.6 mm)	3-17/32" (90 mm)	1
7110724KDB	Solid Brass	4	Unique Keys	1-9/32" (32.8 mm)	1-9/16" (40 mm)	17/32" (13.6 mm)	25/32" (19.8 mm)	1
7110727KDB	Solid Brass	4	Unique Keys	1-9/32" (32.8 mm)	1-9/16" (40 mm)	17/32" (13.6 mm)	2-3/8" (60 mm)	1
7110728KDB	Solid Brass	4	Unique Keys	1-9/32" (32.8 mm)	1-9/16" (40 mm)	17/32" (13.6 mm)	3-17/32" (90 mm)	1
7110725KAB	Solid Brass	4	Keyed Alike	1-21/32" (41.8 mm)	1-31/32" (50 mm)	21/32" (16.3 mm)	1" (25.4 mm)	1
7110729KAB	Solid Brass	5	Keyed Alike	1-21/32" (41.8 mm)	1-31/32" (50 mm)	21/32" (16.3 mm)	2-3/4" (70 mm)	1
7110730KAB	Solid Brass	5	Keyed Alike	1-21/32" (41.8 mm)	1-31/32" (50 mm)	21/32" (16.3 mm)	3-17/32" (90 mm)	1
7110725KDB	Solid Brass	5	Unique Keys	1-21/32" (41.8 mm)	1-31/32" (50 mm)	21/32" (16.3 mm)	1" (25.4 mm)	1
7110729KDB	Solid Brass	5	Unique Keys	1-21/32" (41.8 mm)	1-31/32" (50 mm)	21/32" (16.3 mm)	2-3/4" (70 mm)	1
7110730KDB	Solid Brass	5	Unique Keys	1-21/32" (41.8 mm)	1-31/32" (50 mm)	21/32" (16.3 mm)	3-17/32" (90 mm)	1

