

Architectural Hardware

ROCKWOOD

Introduction

Since 1946 Rockwood Manufacturing Company has taken pride in its reputation of producing quality builder's hardware. Our focus is on the manufacture of door trim hardware for the commercial and residential market. Although many items in our product line are industry standard items ready to be shipped from our finished goods inventory, there is a routine need for made-to-order products such as special size kick plates, push bars, corner guards, and protection plates. It is our goal to produce these items with a short lead-time to accommodate your delivery requirements and provide a custom fit look to your door trim hardware. Call Rockwood for all your architectural door trim needs.

BHMA/ANSI Specifications

We have listed ANSI cross-reference numbers throughout our catalog. Because we usually make more than one grade of product, the cross-reference can be relied on for design equivalence reference only. Contact the factory if you require a certificate of conformance.

Weights

Unless otherwise noted, the weight listed in our catalog is the approximate weight for a brass, bronze, or stainless steel based item. Aluminum based items are approximately $\frac{1}{3}$ the weight of other materials.

Barrier Free Hardware

Some variations of standard designs may be desirable in areas to enhance accessibility for persons with upper limb impairments. In such areas it is recommended that door pulls have 2½" clearance. Most of our products can be modified to meet this suggested dimension. Please specify the product number prefixed with the letters BF; for example #BF157.

Fastening Systems

The important aspect of a fastening system is that it attaches the pull solidly to the door and does not allow "play" between the pull and the door. Rockwood's mounting systems do this; we guarantee the security of our back to back and thru bolt mounted products for a full 5 years.

Custom Manufacturing

Rockwood is devoted to making the door hardware you want. Please don't hesitate to ask for minor design or size changes to existing products or completely custom designs. See our full color Architectural Hardware Brochure for custom designs and capabilities.

Templates

Commonly used templates are available on our website at www.rockwoodmfg.com.



Our precision measurements ensure quality products.

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Most of Rockwood’s products are available in all of the following architectural finishes. The catalog indicates exceptions. This finish list is grouped by base metal.

Base Metal	Description	Rockwood Code	BHMA Code
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Aluminum	Clear Anodized	US28	628
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Aluminum	Medium Bronze Anodized	312	—
Aluminum	Dark Bronze Anodized	313	710
Aluminum	Extra Dark Bronze Anodized	314	—
Aluminum	Black Anodized	315	711
Aluminum	White Powder Coat	WPC	—
Aluminum	Red Powder Coat	RPC	—
Aluminum	Black Powder Coat	BPC	—
Brass	Polished Clear Coated	US3	605
Brass	Polished No Coating	US3NL	—
Brass	Satin Clear Coated	US4	606
Brass	Satin Oxidized Relieved	US5	609
Brass	Satin Nickel Plated Clear Coated	US15	619
Brass	Satin Nickel Blackened Relieved Clear Coated	US15A	620
Brass	Flat Black Coated	US19	622
Brass	Polished Chrome Plated	US26	625
Brass	Satin Chrome Plated	US26D	626
Bronze*	Polished Clear Coated	US9	611
Bronze	Satin Clear Coated	US10	612
Bronze	Satin Oxidized Oil Rubbed	US10B	613
Bronze	Satin Oxidized Clear Coated	US10BL	614
Bronze	Satin Dark Statuary	US20A	624
Stainless Steel	Polished	US32	629
Stainless Steel	Satin	US32D	630
Stainless Steel**	Satin BioGuard™ Coated	US32D BIO ™	—

US32D**BIO** (BioGuard) employs AgION™ Technologies silver ion based antimicrobial science to produce a protective finish for door pulls and plates that suppresses bacterial growth on the surface of the product. The AgION antimicrobial compound is an inorganic material with the natural protection of silver. Encapsulated silver ions are slowly released from the antimicrobial compound to the treated surface where they interact with other ions in the environment. This inhibits the growth of numerous strains of bacteria, yeast, fungi, and molds. To learn more about this new material visit the AgION Technologies website at www.agion-tech.com.

Stainless Steel**	Polished 316 Alloy	US32 316	—
Stainless Steel**	Satin 316 Alloy	US32D 316	—

US32**316** and US32D**316** are made from alloy 316 stainless steel containing molybdenum and extra nickel giving it substantially higher corrosion resistance than the standard stainless steels typically used in door hardware. This finish is ideal for use in coastal, urban, and industrial areas that have harsh environmental conditions.

Stainless Steel	PVD Polished Brass	US3 LIFETIME	—
Brass	PVD Polished Brass	US3 LIFETIME	—

US3**LIFETIME** is a PVD (physical vapor deposition) finish on either stainless steel or chrome plated brass base material. The finish is a thin hard metallic film of extreme durability that looks like polish brass. US3**LIFETIME** brass finish will not tarnish and is ideal for use in exterior and marine environments.

** On most bronze finishes we will supply solid bronze material. Where solid bronze material is not available, we will use brass as a base material in its place.*

***Available on select items as indicated by the finish icon throughout the catalog.*

*BioGuard and US32D**BIO** are a trademark of Rockwood Manufacturing Company. AgION is a registered trademark of AgION Technologies, Inc.*

Polished Brass

Polished brass is a beautiful finish that does not normally weather very well outdoors. Rockwood uses a very durable baked on clear powder coat on most door pulls and push bars. In indoor usage, this finish is extremely durable. For a guaranteed no tarnish finish for outdoor use, specify our US3**LIFETIME** finish.

Stainless Steel

Stainless steel is one of the most durable materials used in architecture; however there are many types with different properties and different levels of corrosion resistance. In most indoor (except chlorine and other harsh chemical exposure) and many outdoor (mildly corrosive) environments our standard stainless steel will perform exceeding well. It is best maintained by periodic water washing. If your job site has road salt, marine salt air, industrial, or urban pollution, we recommend the use of molybdenum bearing alloy 316 stainless steel. Specify US32**316** or US32D**316**.

Stainless Steel

To enhance the corrosion resistance of stainless steel, use the polished finish (US32) in place of the satin finish (US32D). Minute particles of dirt and debris can lodge in the microscopic crevices of the satin finish more readily than on a smooth surface promoting corrosion. The mirror smooth surface of the polished finish has no rough surface to retain microscopic dirt or debris.

Heat Resistant

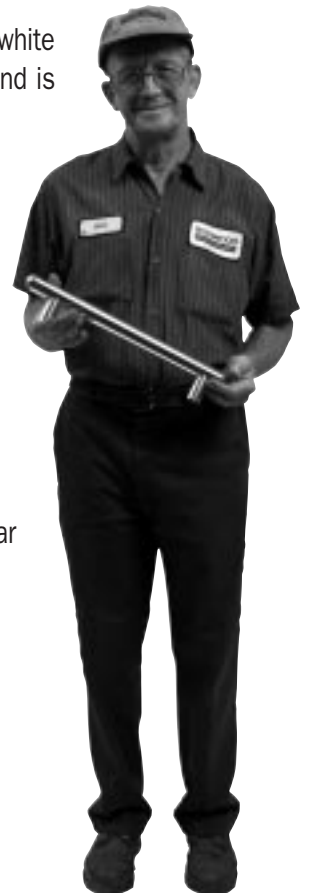
Exterior hot sunny climates call for a finish that is resistant to heat. We recommend our white powder coat finish (WPC). This durable exterior finish reflects much of the heat rays and is substantially cooler to the touch than stainless steel or other finishes.

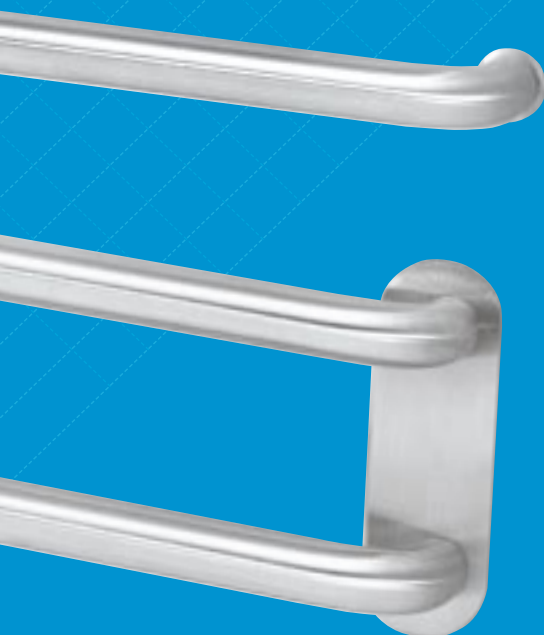
Bacterial Protection

BIOGUARD (US32**DBIO**) is the ideal finish for hospitals, schools, laboratories, assisted living facilities, public restroom areas, and anywhere there is a concern to control bacterial growth for demanding standards of cleanliness. See AgION Technologies website (www.agion-tech.com) for more information.

Finish Sample Displays

Educational and informative displays are available showing our most popular finishes.





**Push and Pull Bars
from Rockwood**

Strength and Style

Guaranteed Mounting Systems

Beautiful Finishes

Custom Fabrication

ROCKWOOD

Sizing of Push Bars

Flush Doors

Door width:

- minus 5" for bent end bars
- minus 5" for square end post mount bars
- minus 7" for round end post mount bars.

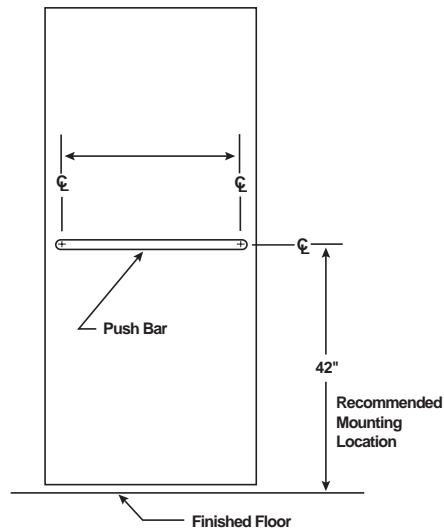
Stile and Rail Doors or Doors with Lites

Door width:

- minus width of one stile.

CAUTION: Always confirm bars will not interfere with jamb or cause pinching hazard.

CAUTION: On narrow stile doors, be sure push bar base fits on the stile and bar does not interfere with the stop.

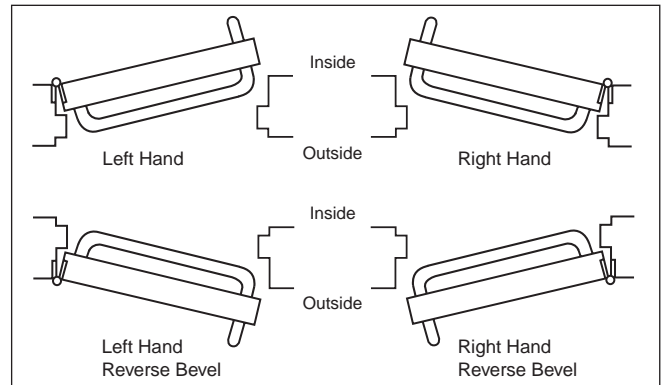


Handing of Doors

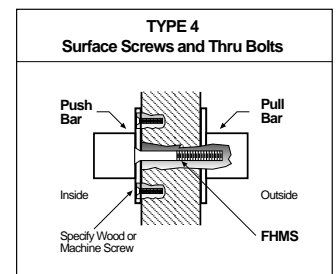
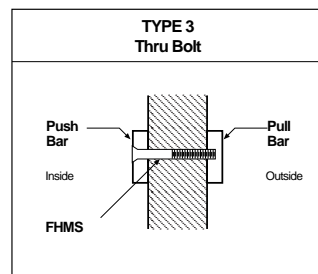
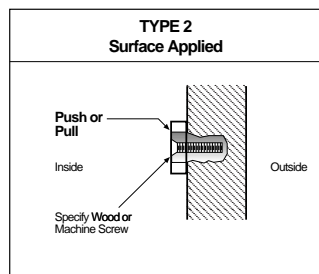
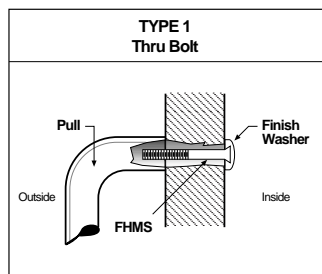
The handing of a door is determined from the outside of the opening.

Standing outside the door:

- If the hinges are on the right, it is a right hand door.
- If the hinges are on the left, it is a left hand door.
- If the door opens away from you, it is a regular bevel door.
- If the door opens toward you, it is a reverse bevel door.



Mounting Types for Push Bars #10 through #45 and #50, #51, #52



**Push Bar
No. 10**



- Material:** Brass or Bronze
- Finishes:** Available in standard architectural finishes (see page 7).
- Mounting:** Metal Door: Type 2, Surface, 8-32 MS
Wood Door: Type 2, Surface, #8 WS
- Ordering:** Specify CTC, door type, mounting, and finish.
- Features:** Can be field cut if necessary.

No.	Material Size	Base	Projection	Clearance	Weight	ANSI A156.6
10	3/8" x 1 1/2"	1 1/2" x 2 7/8"	1 1/4"	5/8"	6.9 lbs.	J501

**Push Bars
No. 11, 12**



- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US32 (see page 7).
- Mounting:** No. 11
Metal Door: Type 2, Surface, 1/4-20 MS & 8-32 MS
Wood Door: Type 2, Surface, #12 WS & #8 SMS

No. 12
Metal & Wood Door: Type 1, Thru Bolt, 1/4-20 MS
- Ordering:** Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Weight	ANSI A156.6
11	3/8" x 1 1/2"	1" x 3" x 1/8"	2"	1 5/8"	6.2 lbs.	J501
12 (less base plate)	3/8" x 1 1/2"	3/8" x 1 1/2"	1 7/8"	1 1/2"	6.2 lbs.	J501

**Push Bars
No. 14, 15**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, except US32 (see page 7).

Mounting: No. 14
Metal & Wood Door: Type 1, Thru Bolt, 1/4"-20 MS

No. 15
Metal & Wood Door: Type 1, Thru Bolt, 1/4"-20 MS

Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Weight	ANSI A156.6
14	3/8" x 1 1/2"	1 1/2" x 2 x 1/8"	2"	1 5/8"	6.3 lbs.	J501
15 (less base plate)	3/8" x 1 1/2"	3/8" x 1 1/2"	1 7/8"	1 1/2"	6.1 lbs.	J501

**Push Bars
No. 18, 19**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, except US32 (see page 7).

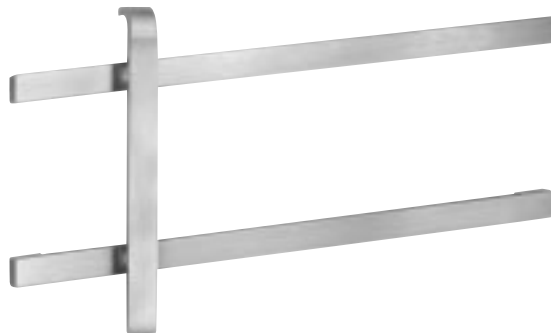
Mounting: No. 18
Metal Door: Type 2, Surface, 1/4"-20 MS & 8-32 MS
Wood Door: Type 2, Surface, #12 WS & #8 SMS

No. 19
Metal & Wood Door: Type 1, Thru Bolt, 1/4"-20 MS

Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Weight	ANSI A156.6
18	3/8" x 1 1/2"	1" x 3 x 1/8"	2 1/8"	1 3/4"	6.2 lbs.	J501
19 (less base plate)	3/8" x 1 1/2"	3/8" x 1 1/2"	2"	1 5/8"	6.2 lbs.	J501

**Pull Bars
No. 20, 21**



- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US32 (see page 7).
- Mounting:** Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS
- Ordering:** Specify CTC, door type, and finish.
- Options:** Ideal for engraving.

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
20	¾" x 1¼"	1½" x 1¼"	2¼"	1⅞"	8"	12.3 lbs.	J502
21	¾" x 1½"	1½" x 1½"	2¼"	1⅞"	8"	14.7 lbs.	J502

**Pull Bars
No. 22, 23**



- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US32 (see page 7).
- Mounting:** Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS
- Ordering:** Specify CTC, door type, and finish.
- Options:** Ideal for engraving.
- Other:** Pull length is 42" from top post to bottom post.

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
22	¾" x 1¼"	1½" x 1¼"	2¼"	1⅞"	8"	16.7 lbs.	J503
23	¾" x 1½"	1½" x 1½"	2¼"	1⅞"	8"	20.0 lbs.	J503

**Push Bars
No. 25, 26**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, except US32 (see page 7).

Mounting: Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS
Metal Door: Type 2, Surface, ¼-20 MS
Wood Door: Type 2, Surface, #12 WS

Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
25	⅜" x 1¼"	1½" x 1¼"	¾"	⅜"	—	4.8 lbs.	J501
26	⅜" x 1½"	1½" x 1½"	¾"	⅜"	—	5.8 lbs.	J501

**Push & Pull Bar Sets
No. 27, 28, 29, 30**

Material: Aluminum, Brass, Bronze, or Stainless Steel

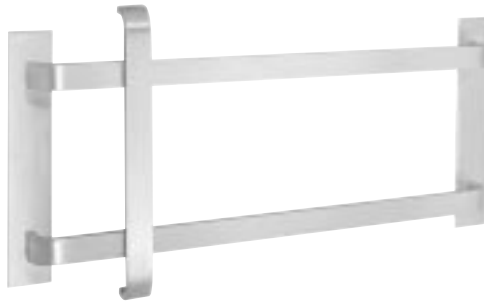
Finishes: Available in standard architectural finishes, except US32 (see page 7).

Mounting: Metal & Wood Door: Type 3, Back to Back, ¼-20 MS

Ordering: Specify CTC, door type, and finish.

No.	Material Size	Space	Weight	ANSI A156.6
27	set consists of 1 #20 and 2 #25	8"	21.9 lbs.	J504
28	set consists of 1 #21 and 2 #26	8"	26.3 lbs.	J504
29	set consists of 1 #22 and 2 #25	8"	26.3 lbs.	J504
30	set consists of 1 #23 and 2 #26	8"	31.6 lbs.	J504

**Pull Bars
No. 31, 32**



Material: Aluminum, Brass, Bronze, or Stainless Steel
Finishes: Available in standard architectural finishes, except US32 (see page 7).
Mounting: Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS
Ordering: Specify CTC, door type, and finish.
Options: Ideal for engraving.

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
31	¾" x 1¼"	2" x 12" x ⅛"	2"	1⅝"	8"	12.8 lbs.	J502
32	¾" x 1½"	2" x 12" x ⅛"	2"	1⅝"	8"	15.4 lbs.	J502

**Push Bars
No. 33, 34**



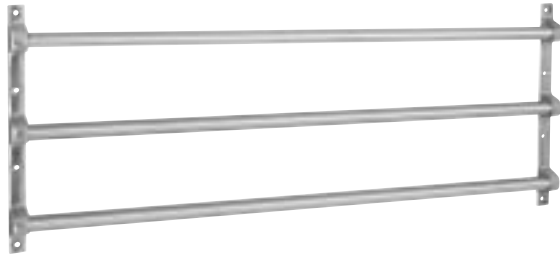
Material: Aluminum, Brass, Bronze, or Stainless Steel
Finishes: Available in standard architectural finishes, except US32 (see page 7).
Mounting: Metal Door: Type 2, Surface, 8-32 MS
 Wood Door: Type 2, Surface, #8 WS
Ordering: Specify CTC, door type, mounting, and finish.
Options: Ideal for engraving.

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
33	¾" x 1¼"	2" x 12" x ⅛"	1⅝"	1¼"	8"	10.9 lbs.	J502
34	¾" x 1½"	2" x 12" x ⅛"	1⅝"	1¼"	8"	13.1 lbs.	J502

**Push and Pull Bar Sets
No. 35, 36**

Material: Aluminum, Brass, Bronze, or Stainless Steel
Finishes: Available in standard architectural finishes, except US32 (see page 7).
Mounting: Metal Door: Type 4, Back to Back, ¼-20 MS & 8-32 MS
 Wood Door: Type 4, Back to Back, ¼-20 MS & #8 WS
Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Space	Weight	ANSI 156.6
35	set consists of 1 #31 & 1 #33	8"	23.7 lbs.	J504
36	set consists of 1 #32 & 1 #34	8"	28.5 lbs.	J504



**Screen Door Guard
No. 40**

Material: Brass
Finishes: Available in standard architectural finishes (see page 7).
Mounting: Metal Door: Type 2, Surface, 8-32 MS
 Wood Door: Type 2 Surface, #8 WS
Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Bar Space	Weight
40	5/8" tube	5/8" x 9 5/8"	1 1/8"	3/8"	3 1/2"	4.5 lbs.



**Screen Door Guard
No. 41**

Material: Brass
Finishes: Available in standard architectural finishes (see page 7).
Mounting: Metal Door: Type 2, Surface, 8-32 MS
 Wood Door: Type 2, Surface, #8 WS
Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Bar Space	Weight
41	5/8" tube	5/8" x 6 7/8"	1 1/8"	3/8"	3 1/2"	2.9 lbs.



**Screen Door Guard
No. 42**

Material: Brass
Finishes: Available in standard architectural finishes (see page 7).
Mounting: Metal Door: Type 2, Surface, 8-32 MS
 Wood Door: Type 2, Surface, #8 WS
Ordering: Specify CTC, door type, mounting, and finish.

No.	Material Size	Base	Projection	Clearance	Bar Space	Weight
42	5/8" tube	5/8" x 2 5/8"	1 1/8"	3/8"	—	1.6 lbs.

**Push Bars
No. 43, 44**



- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US32 (see page 7).
- Mounting:** Metal & Wood Door: Type 1, Thru Bolt, 1/4-20 MS
- Ordering:** Specify CTC, door type, mounting, and finish.
- Other:** Ideal for engraving or logos.

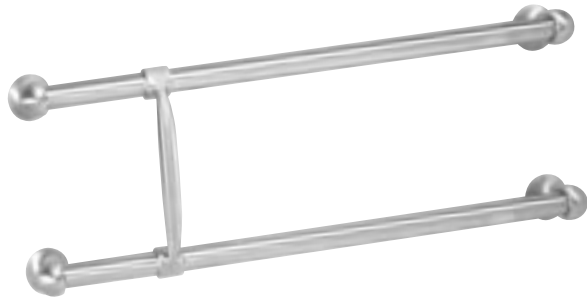
No.	CTC	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
43	specify	3/8" x 3"	1 1/2" x 4 1/2" x 1/8"	2"	1 5/8"	10.5 lbs.	J501
44 (less base plate)	specify	3/8" x 3"	—	1 7/8"	1 1/2"	10.1 lbs.	J501

**Push Bar
No. 45**



- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US32 (see page 7).
- Mounting:** Metal & Wood Door: Type 1, Thru Bolt, 1/4-20 MS
- Ordering:** Specify CTC, door type, mounting, and finish.
- Other:** Ideal for engraving or logos.

No.	CTC	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
45	specify	3/8" x 3"	1 1/2" x 3"	3/4"	3/8"	9.9 lbs.	J501



**Push Bar
No. 50**

Material: Brass or Bronze
Finishes: Available in standard architectural finishes (see page 7).
Mounting: Metal and Wood Door: Type 1, Thru Bolt, 1/4-20 MS
Ordering: Specify CTC, door type, and finish.
Other: Cast slip-on end brackets.

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI 156.6
50	1" dia.	2" dia.	3 1/8"	2 5/8"	7 1/2"	16.0 lbs.	J502



**Push Bar
No. 51**

Material: Brass or Bronze
Finishes: Available in standard architectural finishes (see page 7).
Mounting: Metal and Wood Door: Type 1, Thru Bolt, 1/4-20 MS
 Metal Door: Type 2, Surface, 8-32 MS
 Wood Door: Type 2, Surface, #8 WS
Ordering: Specify CTC, door type, mounting, and finish.
Other: Cast slip-on end brackets.

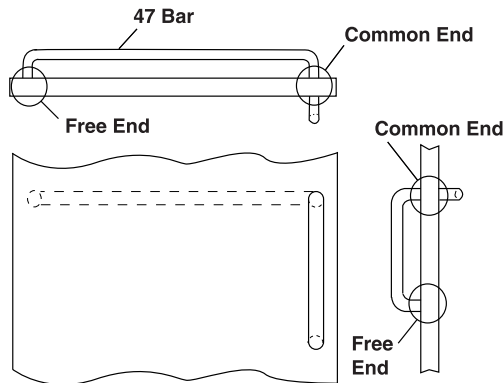
No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI 156.6
51	1" dia.	2" dia.	2 3/8"	1 1/4"	—	7.3 lbs.	J501

**Push and Pull Bar Set
No. 52**

Material: Brass or Bronze
Finishes: Available in standard architectural finishes (see page 7).
Mounting: Metal Door: Type 4, Back to Back, 1/4-20 MS & 8-32 MS
 Wood Door: Type 4, Back to Back, 1/4-20 MS & #8 WS
Ordering: Specify CTC, door type, mounting, and finish.
Other: Cast slip-on end brackets.

No.	Material Size	Weight	ANSI 156.6
52	set consists of 1 #50 and 2 #51	30.9 lbs.	J504

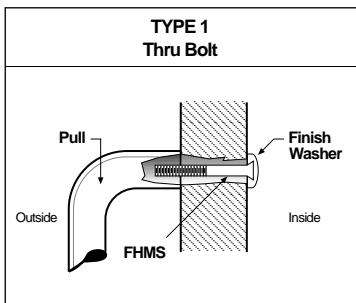
TYPICAL MOUNTING



FREE END DETAILS

Thru Bolt

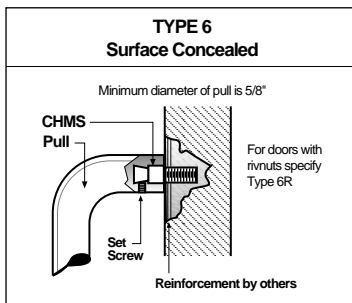
Wood or Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Concealed

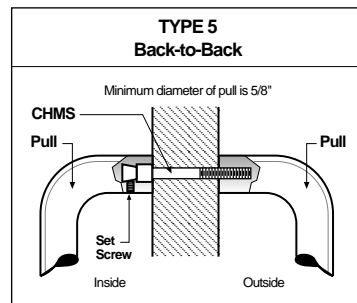
Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

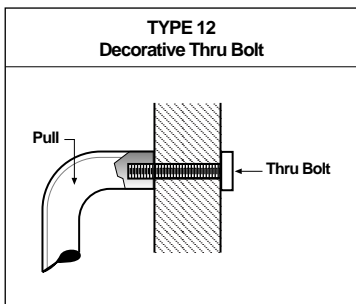
COMMON END DETAILS

Wood or Metal Door



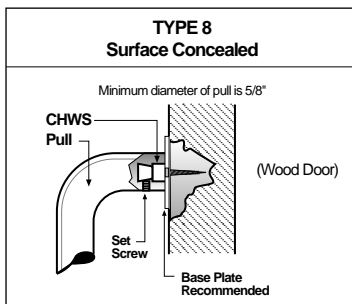
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Wood or Metal Door



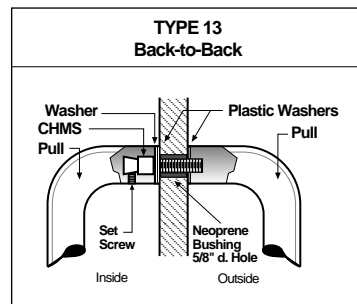
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Wood Door



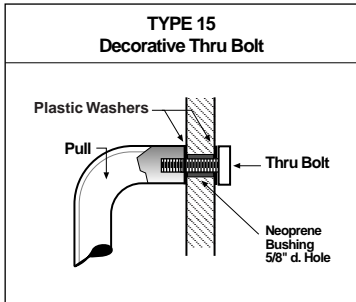
Standard: #14 x 1 1/8"

Glass Door



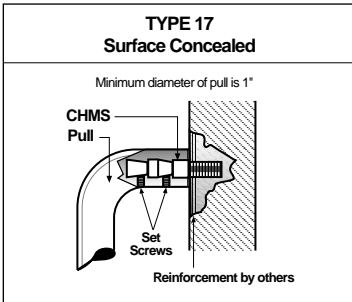
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Glass Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

NOTE: Heavy Duty (HD) mounting features hex drive for positive tightening and large overall size for superior strength. Recommended for high frequency and rough service openings.

**Series 47 Push Bar
No. SP47**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes; US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Mounting: Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS (**NOTE:** See page A10 for detailed mounting drawings.)

Ordering: Specify CTC, handing, door type, and finish.

Options: Engraving "PUSH" or "PULL".

No.	CTC	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
SP47	specify	1" dia.	1" dia.	2½"	1½"	8.5 lbs.	J501

**Series 47 Push Bar
No. 47, 47-2, 47-3, 48**



No. 47

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, US3LIFE-TIME, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Mounting: No. 47, 47-2, 47-3
Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS
Metal Door: Type 6, Concealed, ¼-20 CHMS



No. 47-2

No. 48 (not shown)
Metal & Wood Door: Type 1, Thru Bolt, ¼-20 MS

(**NOTE:** See page A10 for detailed mounting drawings.)

Ordering: Specify CTC, door type, mounting, and finish.

Options:

- Engraving "PUSH" or "PULL".
- Heavy duty versions of most fastening types available — use suffix HD to fastening type number (47 Type 6HD).



No. 47-3



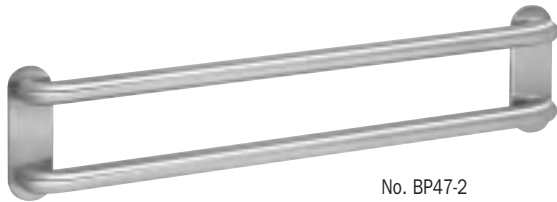
Engraved

No.	CTC	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
47	specify	1" dia.	1" dia.	2½"	1½"	8.5 lbs.	J501
47-2	specify	1" dia.	1" dia.	2½"	1½"	17.0 lbs.	J501
47-3	specify	1" dia.	1" dia.	2½"	1½"	25.5 lbs.	J501
48	specify	¾" dia.	¾" dia.	2½"	1½"	4.5 lbs.	J501

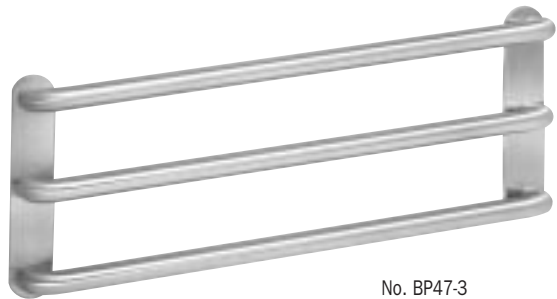
**Series 47 Push Bar
No. BP47, BP47-2, BP47-3**



No. BP47



No. BP47-2



No. BP47-3

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**B10**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Mounting: No. BP47

Metal & Wood Door: Type 1, Thru Bolt, 1/4-20 MS

Metal Door: Type 6, Concealed, 1/4-20 CHMS

No. BP47-2, BP47-3

Metal & Wood Door: Type 1, Thru Bolt, 1/4-20 MS

Metal Door: Type 2, Surface, 8-32 MS

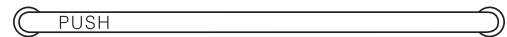
Wood Door: Type 2, Surface, #8 WS

Metal Door: Type 6, Concealed, 1/4-20 CHMS

(NOTE: See page A10 for detailed mounting drawings.)

Ordering: Specify CTC, door type, mounting, and finish.

- Options:**
- Engraving "PUSH" or "PULL".
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BP47 Type 6HD).



Engraved

No.	CTC	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
BP47	specify	1" dia.	1 1/4" dia.	2 5/8"	1 5/8"	9.0 lbs.	J501
BP47-2	specify	1" dia.	2" x 6"	2 5/8"	1 5/8"	18.0 lbs.	J501
BP47-3	specify	1" dia.	2" x 10"	2 5/8"	1 5/8"	27.5 lbs.	J501



Series 47 Straight Single Bar Sets

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).
 *US3LIFETIME available on select product below.

Mounting:	Pull Free End	Push Free End	Common End	Description	Mounting Spec. No.
Metal & Wood	1	1	5	Back to Back & Thru Bolt	T3**
Metal	6	6	5	Back to Back & Concealed	T4
Wood	8	8	5	Back to Back & Concealed	T5
Metal & Wood	12	12	5	Back to Back & Decorative Bolt	T1
Glass	15	15	13	Back to Back & Thru Bolt	T2

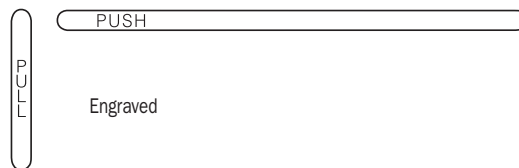
** T3 is the standard mounting method for Metal and Wood Doors.

NOTE: See page A10 for detailed mounting drawings.

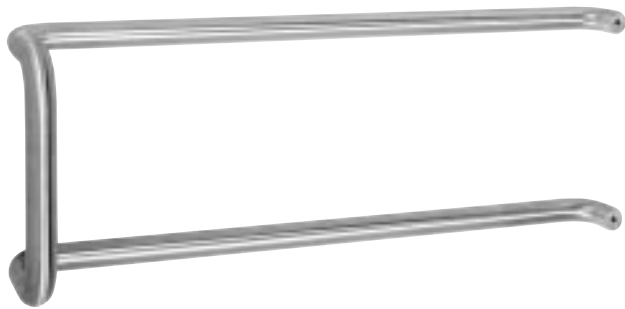
Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., 11247 T3, wood door, 33" CTC, US32D316).

Other: See page A1 on "How To" size push bars.

- Options:**
- Engraving "PUSH" or "PULL" (specify handing).
 - Base plates available similar to those shown on page A12 — use BP prefix (BP11047) when ordering.
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (11047 T3HD).



No.	Material Size	Pull			Push		Weight	ANSI 156.6
		CTC	Projection	Clearance	Projection	Clearance		
11047	1" dia.	8"	3"	2"	2½"	1½"	11.5 lbs.	J504
111A47	1" dia.	9"	3"	2"	2½"	1½"	11.7 lbs.	J504
11147*	1" dia.	10"	3"	2"	2½"	1½"	12.0 lbs.	J504
11247*	1" dia.	12"	3"	2"	2½"	1½"	12.5 lbs.	J504
11847	1" dia.	18"	3"	2"	2½"	1½"	14.0 lbs.	J504



Series 47 Straight Double Bar Sets

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).
 *US3**LIFETIME** available on select product below.

Mounting:	Door	Push Free End	Common End	Description	Mounting
					Spec. No.
	Metal & Wood	1	5	Back to Back & Thru Bolt	T3**
	Metal	6	5	Back to Back & Concealed	T4
	Wood	8	5	Back to Back & Concealed	T5
	Metal & Wood	12	5	Back to Back & Decorative Bolt	T1
	Glass	15	13	Back to Back & Thru Bolt	T2

** T3 is the standard mounting method for Metal and Wood Doors.

NOTE: See page A10 for detailed mounting drawings.

Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., 11247-2 T3, wood door, 33" CTC, US32D**316**).

Other: See page A1 on "How To" size push bars.

- Options:**
- Engraving "PUSH" or "PULL" (specify handing).
 - Base plates available similar to those shown on page A12 — use BP prefix (BP11047-2) when ordering.
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (11047-2 T3HD).

No.	Material Size	Pull			Push		Weight	ANSI 156.6
		CTC	Projection	Clearance	Projection	Clearance		
11047-2	1" dia.	8"	3"	2"	2½"	1½"	20.0 lbs.	J504
111A47-2	1" dia.	9"	3"	2"	2½"	1½"	20.2 lbs.	J504
11147-2*	1" dia.	10"	3"	2"	2½"	1½"	20.5 lbs.	J504
11247-2*	1" dia.	12"	3"	2"	2½"	1½"	21.0 lbs.	J504



Series 47 Straight Triple Bar Sets

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, US3**2316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).
 *US3**LIFETIME** available on select product below.

Mounting: Door	Push	Common	Description	Mounting Spec. No.
	Free End	End		
Metal & Wood	1	5	Back to Back & Thru Bolt	T3**
Metal	6	5	Back to Back & Concealed	T4
Wood	8	5	Back to Back & Concealed	T5
Metal & Wood	12	5	Back to Back & Decorative Bolt	T1
Glass	15	13	Back to Back & Thru Bolt	T2

** T3 is the standard mounting method for Metal and Wood Doors.

NOTE: See page A10 for detailed mounting drawings.

Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., 11247-3 T3, wood door, 33" CTC, US32D**316**).

Other: See page A1 on "How To" size push bars.

- Options:**
- Engraving "PUSH" or "PULL" (specify handing).
 - Base plates available similar to those shown on page A12 — use BP prefix (BP11047-3) when ordering.
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (11047-3 T3HD).

No.	Material Size	Pull			Push		Weight	ANSI 156.6
		CTC	Projection	Clearance	Projection	Clearance		
11047-3	1" dia.	8"	3"	2"	2½"	1½"	28.5 lbs.	J504
111A47-3	1" dia.	9"	3"	2"	2½"	1½"	28.7 lbs.	J504
11147-3*	1" dia.	10"	3"	2"	2½"	1½"	29.0 lbs.	J504
11247-3*	1" dia.	12"	3"	2"	2½"	1½"	29.5 lbs.	J504



Series 47 Offset Single Bar Sets

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).
 *US3**LIFETIME** available on select product below.

Mounting: Door	Pull	Push	Common	Description	Mounting Spec. No.
	Free End	Free End	End		
Metal & Wood	1	1	5	Back to Back & Thru Bolt	T3**
Metal	17	6	16	Back to Back & Concealed	T4
Wood	8	8	5	Back to Back & Concealed	T5
Metal & Wood	12	12	5	Back to Back & Decorative Bolt	T1
Glass	15	15	13	Back to Back & Thru Bolt	T2

** T3 is the standard mounting method for Metal and Wood Doors.

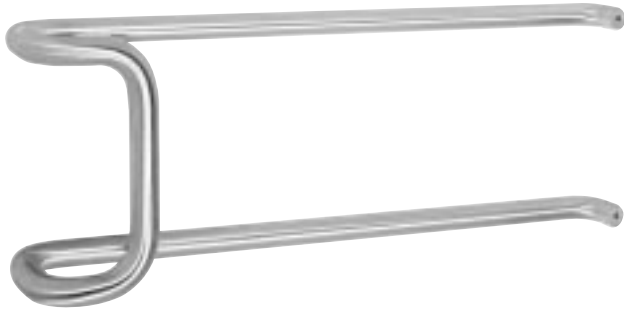
NOTE: See page A10 for detailed mounting drawings.

Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., BF15747 T3, wood door, 33" CTC, US32D**316**).

Other: See page A1 on "How To" size push bars.

- Options:**
- Engraving "PUSH" or "PULL" (specify handing).
 - Base plates available similar to those shown on page A12 — use BP prefix (BPBF15747) when ordering.
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF15647 T3HD).

No.	Material Size	Pull			Push		Weight	ANSI 156.6
		CTC	Projection	Clearance	Projection	Clearance		
BF15647	1" dia.	8"	3½"	2½"	2½"	1½"	12.4 lbs.	J504
BF157A47	1" dia.	9"	3½"	2½"	2½"	1½"	12.6 lbs.	J504
BF15747*	1" dia.	10"	3½"	2½"	2½"	1½"	12.8 lbs.	J504
BF15847	1" dia.	12"	3½"	2½"	2½"	1½"	13.3 lbs.	J504
BF15947	1" dia.	18"	3½"	2½"	2½"	1½"	15.0 lbs.	J504



Series 47 Offset Double Bar Sets

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32DB10, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).
*US3LIFETIME available on select product below.

Mounting:	Door	Push	Common	Description	Mounting Spec. No.
		Free End	End		
	Metal & Wood	1	5	Back to Back & Thru Bolt	T3**
	Metal	6	16	Back to Back & Concealed	T4
	Wood	8	5	Back to Back & Concealed	T5
	Metal & Wood	12	5	Back to Back & Decorative Bolt	T1
	Glass	15	13	Back to Back & Thru Bolt	T2

** T3 is the standard mounting method for Metal and Wood Doors.

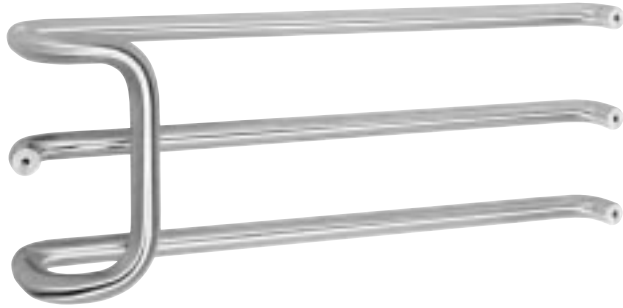
NOTE: See page A10 for detailed mounting drawings.

Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., BF15747-2 T3, wood door, 33" CTC, US32D316).

Other: See page A1 on "How To" size push bars.

- Options:**
- Engraving "PUSH" or "PULL" (specify handing).
 - Base plates available similar to those shown on page A12 — use BP prefix (BPBF15747-2) when ordering.
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF15647-2 T3HD).

No.	Material Size	Pull			Push		Weight	ANSI 156.6
		CTC	Projection	Clearance	Projection	Clearance		
BF15647-2	1" dia.	8"	3½"	2½"	2½"	1½"	20.9 lbs.	J504
BF157A47-2	1" dia.	9"	3½"	2½"	2½"	1½"	21.1 lbs.	J504
BF15747-2*	1" dia.	10"	3½"	2½"	2½"	1½"	21.3 lbs.	J504
BF15847-2	1" dia.	12"	3½"	2½"	2½"	1½"	21.8 lbs.	J504



Series 47 Offset Triple Bar Sets

Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).
*US3**LIFETIME** available on select product below.

Mounting:	Push		Common	Description	Mounting Spec. No.
	Door	Free End			
Metal & Wood	1	5	5	Back to Back & Thru Bolt	T3**
Metal	6	16	16	Back to Back & Concealed	T4
Wood	8	5	5	Back to Back & Concealed	T5
Metal & Wood	12	5	5	Back to Back & Decorative Bolt	T1
Glass	15	13	13	Back to Back & Thru Bolt	T2

** T3 is the standard mounting method for Metal and Wood Doors.

NOTE: See page A10 for detailed mounting drawings.

Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., BF15747-3 T3, wood door, 33" CTC, US32D**316**).

Other: See page A1 on "How To" size push bars.

- Options:**
- Engraving "PUSH" or "PULL" (specify handing).
 - Base plates available similar to those shown on page A12 — use BP prefix (BPBF15747-3) when ordering.
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF15647-3 T3HD).

No.	Material Size	Pull			Push		Weight	ANSI 156.6
		CTC	Projection	Clearance	Projection	Clearance		
BF15647-3	1" dia.	8"	3½"	2½"	2½"	1½"	29.4 lbs.	J504
BF157A47-3	1" dia.	9"	3½"	2½"	2½"	1½"	29.6 lbs.	J504
BF15747-3*	1" dia.	10"	3½"	2½"	2½"	1½"	29.8 lbs.	J504
BF15847-3	1" dia.	12"	3½"	2½"	2½"	1½"	30.3 lbs.	J504



**Push Plates, Pulls and Pull Plates
from Rockwood**

Strength and Style

Guaranteed Mounting Systems

Beautiful Finishes

Matching Stainless Steel Fasteners



Location Standards

Positioning Applications:

- door pulls to plates
- cutouts on plates
- engraving on plates
- cutout and engraving on plates

NOTE: Be sure the pull you choose will fit on the plate, allowing for cutouts and/or engraving.

Sizing:

- 1 1/4" standard cylinder hole cutout size
- 3/8" diameter standard turn knob hole
- other cutout sizes and styles are readily available

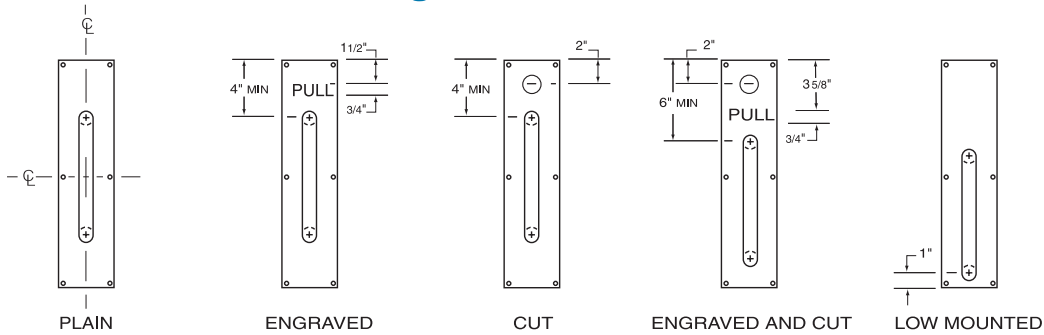
Engraving:

- 3/4" high condensed block letters with black enamel fill
- other letter sizes and styles are readily available

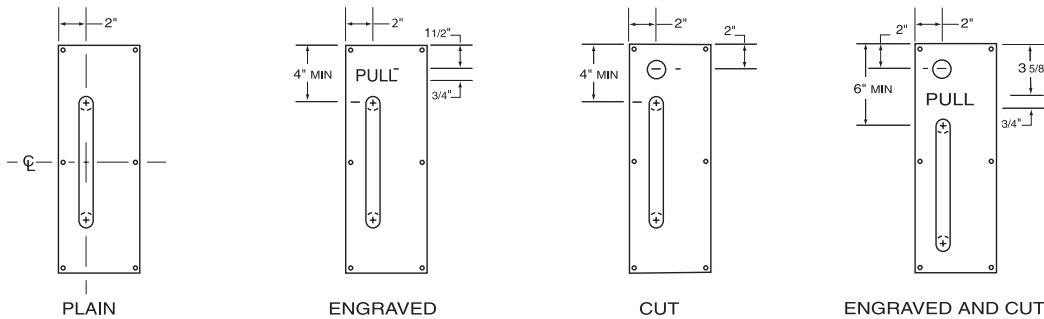
**ADA Accessibility Guidelines for Buildings and Facilities (ADAAG)
As amended through January 1998**

4.13.9 **Door Hardware.** Handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist to operate. Lever-operated mechanisms, push-type mechanisms, and U-shaped handles are acceptable designs. When sliding doors are fully open, operating hardware shall be exposed and usable from both sides. Hardware required for accessible door passage shall be mounted no higher than 48 in. (1220 mm) above finished floor.

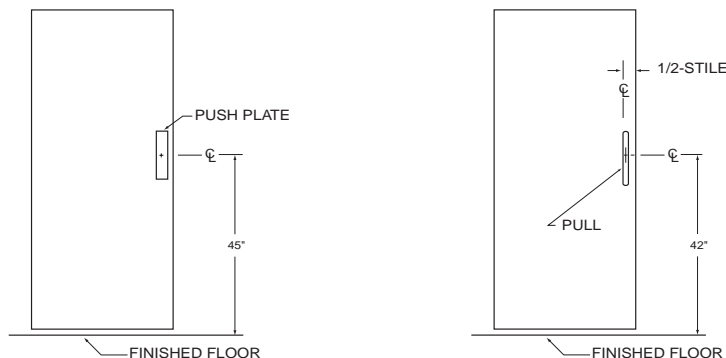
Pull Positioning On Plates 4" Or Less In Width



Pull Positioning On Plates Wider Than 4" (Handing Required)



Recommended Locations On Door



Push Plates - .050" Thick

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, and US3LIFETIME (see page 7).

Fastener: #6 x 5/8 OH SMS

Features: Four beveled edges.

Ordering: Specify plate number followed by size designation and finish; i.e., 70B US32D or for non-standard size 70 (width x height) and finish. Specify any additional optional features.

- Options:**
- Custom sizes available upon request.
 - TEK - self-drilling screws.
 - TORX - security torx screws.
 - SA - self-adhesive mounting: 1/16" double face foam tape (no screw holes on plate).
 - Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.



No. 70

No.	Standard Size	Weight	ANSI A156.6
70A	3" x 12"	0.7 lbs.	J301
70B	3½" x 15"	0.9 lbs.	J301
70C	4" x 16"	1.0 lbs.	J301
70E	6" x 16"	1.5 lbs.	J301
70F	8" x 16"	2.0 lbs.	J301
70G	4" x 20"	1.3 lbs.	J301



No. 70RC

No.	Standard Size	Weight	ANSI A156.6
70RCA	3" x 12"	0.7 lbs.	J301
70RCB	3½" x 15"	0.9 lbs.	J301
70RCC	4" x 16"	1.0 lbs.	J301
70RCE	6" x 16"	1.5 lbs.	J301
70RCF	8" x 16"	2.0 lbs.	J301
70RCG	4" x 20"	1.3 lbs.	J301



No. 70RE

No.	Standard Size	Weight	ANSI A156.6
70REA	3" x 12"	0.7 lbs.	J301
70REB	3½" x 15"	0.9 lbs.	J301
70REC	4" x 16"	1.0 lbs.	J301

Push Plates - .062" Thick

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #6 x 5/8 OH SMS

Features: Four beveled edges.

Ordering: Specify plate number followed by size designation and finish; i.e., 71B US32D or for non-standard size 71 (width x height) and finish. Specify any additional optional features.

- Options:**
- Custom sizes available upon request.
 - TEK - self-drilling screws.
 - TORX - security torx screws.
 - SA - self-adhesive mounting: 1/16" double face foam tape (no screw holes on plate).
 - Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.



No. 71

No.	Standard Size	Weight	ANSI A156.6
71A	3" x 12"	0.9 lbs.	J301
71B	3½" x 15"	1.1 lbs.	J301
71C	4" x 16"	1.2 lbs.	J301
71E	6" x 16"	1.8 lbs.	J301
71F	8" x 16"	2.4 lbs.	J301
71G	4" x 20"	1.5 lbs.	J301



No. 71RC

No.	Standard Size	Weight	ANSI A156.6
71RCA	3" x 12"	0.9 lbs.	J301
71RCB	3½" x 15"	1.1 lbs.	J301
71RCC	4" x 16"	1.2 lbs.	J301
71RCE	6" x 16"	1.8 lbs.	J301
71RCF	8" x 16"	2.4 lbs.	J301
71RCG	4" x 20"	1.5 lbs.	J301



No. 71RE

No.	Standard Size	Weight	ANSI A156.6
71REA	3" x 12"	0.9 lbs.	J301
71REB	3½" x 15"	1.1 lbs.	J301
71REC	4" x 16"	1.2 lbs.	J301

Push Plates - .125" Thick

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32D**316**, and US32**316** (see page 7).

Fastener: #6 x 5/8 OH SMS

Features: Four beveled edges.

Ordering: Specify plate number followed by size designation and finish; i.e., 73B US32D or for non-standard size 73 (width x height) and finish. Specify any additional optional features.

- Options:**
- Custom sizes available upon request.
 - TEK - self-drilling screws.
 - TORX - security torx screws.
 - SA - self-adhesive mounting: 1/16" double face foam tape (no screw holes on plate).
 - Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.



No. 73

No.	Standard Size	Weight	ANSI A156.6
73A	3" x 12"	1.7 lbs.	J301
73B	3½" x 15"	2.1 lbs.	J301
73C	4" x 16"	2.5 lbs.	J301
73E	6" x 16"	3.8 lbs.	J301
73F	8" x 16"	5.0 lbs.	J301
73G	4" x 20"	3.2 lbs.	J301



No. 73RC

No.	Standard Size	Weight	ANSI A156.6
73RCA	3" x 12"	1.7 lbs.	J301
73RCB	3½" x 15"	2.1 lbs.	J301
73RCC	4" x 16"	2.5 lbs.	J301
73RCE	6" x 16"	3.8 lbs.	J301
73RCF	8" x 16"	5.0 lbs.	J301
73RCG	4" x 20"	3.2 lbs.	J301



No. 73RE

No.	Standard Size	Weight	ANSI A156.6
73REA	3" x 12"	1.7 lbs.	J301
73REB	3½" x 15"	2.1 lbs.	J301
73REC	4" x 16"	2.5 lbs.	J301

**Push Plates - .188" Thick
No. 74**



- Material:** Aluminum, Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #6 x 5/8 OH SMS
- Features:** Four beveled edges.
- Ordering:** Specify finish and any other optional features.
- Options:**
- Custom sizes available upon request.
 - Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.

No.	Standard Size	Weight	ANSI A156.6
74B	3½" x 15"	3.2 lbs.	J304
74C	4" x 16"	3.8 lbs.	J304

**Push Plates - .125" Thick
No. 75**



- Material:** Plastic Laminate, Clear Plastic, Kydex®
- Colors:** Black, Brown, Gray, Sand, White, and Clear
- Fastener:** #6 x 5/8 OH SMS
- Features:** Four beveled edges.
- Ordering:** Specify color and any other optional features.
- Options:**
- Custom sizes available upon request.
 - SA - Self-adhesive mounting: 1/16" double face foam tape (no screw holes on plate). Not available on Clear Plastic.
 - Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.

No.	Standard Size	Weight	ANSI
75A	3" x 12"	0.3 lbs.	J304
75B	3½" x 15"	0.4 lbs.	J304
75C	4" x 16"	0.5 lbs.	J304
75E	6" x 16"	0.7 lbs.	J304
75F	8" x 16"	0.9 lbs.	J304
75G	4" x 20"	0.6 lbs.	J304

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No. 76



No. 77

**Decorative Push Plates - .050" Thick
No. 76, 77**

Material: Brass, Bronze

Finishes: Available in standard architectural finishes, and US3**LIFETIME** (see page 7).

Fastener: #6 x 5/8 OH SMS

Ordering: Specify finish.

Options: These plates look great when combined with the No. 147 or 148 pulls as shown on page B25.

No.	Standard Size	Weight	ANSI
76B	3½" x 15"	0.9 lbs.	J301
76C	4" x 16"	1.0 lbs.	J301
77B	3½" x 15"	0.9 lbs.	J301
77C	4" x 16"	1.0 lbs.	J301

**Push Plates - .050" Thick
No. 80, 81, 82**



Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, and US32**316** (see page 7).

Fastener: #6 x 5/8 OH SMS

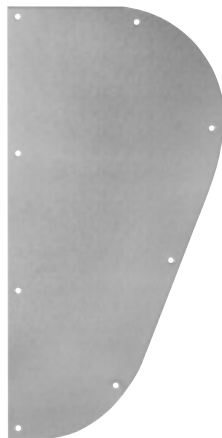
Ordering: Specify finish.

Options:

- Plates may be mated with most any door pull of your choice.
- Custom sizes available upon request.

No.	Standard Size	Weight	ANSI
80	6" x 12"	1.4 lbs.	J301
81	7½" x 15"	1.6 lbs.	J301
82	8" x 16"	1.8 lbs.	J301

**Push Plate - .050" Thick
No. 84**



Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, and US32**316** (see page 7).

Fastener: #6 x 5/8 OH SMS

Ordering: Specify finish and handing (LH handing shown).

Options:

- Variations of design can be created to fit your requests.
- Plate may be mated with most any door pull of your choice.

No.	Standard Size	Weight	ANSI
84	10" x 20"	2.1 lbs.	J301

**Push Plates - .050" Thick
No. 85, 86**



- Material:** Aluminum, Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes, and US32DB10 (see page 7).
- Fastener:** #6 x 5/8 OH SMS
- Features:** Cold forged to 7/32" thick.
- Ordering:** Specify finish.
- Options:** Plates may be mated with most any door pull of your choice.

No.	Standard Size	Weight	ANSI
85	3½" x 15"	0.9 lbs.	J302
86	4" x 16"	1.0 lbs.	J302

**Push Plate - .125" Thick
No. 87**



- Material:** Aluminum, Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #6 x 5/8 OH SMS
- Ordering:** Specify finish.
- Options:**
- Variations of design can be created to fit your requests.
 - Plate may be mated with most any door pull of your choice.

No.	Standard Size	Weight	ANSI
87	2⅝" x 16"	2.0 lbs.	J304

**Heavy Duty Security Flush Pull
No. D89**



Material: Cast Brass

Finishes: Available in US4 and US26D (see page 7).

Fastener: 1/4-20 x 1/2 OH Security Torx MS

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
D89	4" x 5"	1 1/4" x 3 1/4"	7/8"	1.3 lbs.	J403

**Cylinder Pulls
No. 90, 90B**



Material: .125" Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, and US32DBIO (see page 7).

Fastener: Cylinder ring and self-adhesive mounting.

Options: No cylinder hole — screw mounted, order No. 90B.

No.	Size	Opening	Projection	Weight	ANSI A156.6
90	2" x 3 3/4"	1 1/4" dia.	1"	0.3 lbs.	J303
90B	2" x 3 3/4"	—	1"	0.3 lbs.	J303

**Combination Push Pull Plates
No. 91, 92, 93**



Material: .125" Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, and US32DBIO (see page 7).

Fastener: #8 x 7/8 SMS

Options:

- TORX - security torx screws.
- Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.

No.	Size	Projection	Weight	ANSI A156.6
91	3 1/2" x 15 3/4"	1"	1.9 lbs.	J303
92	4" x 15 3/4"	1"	2.2 lbs.	J303
93	8" x 15 3/4"	1"	4.4 lbs.	J303

**Flush Pulls
No. 94, 94BTB**



Material: .125 Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, and US32316 (see page 7).

Fastener: No. 94: #8 x 7/8 SMS
No. 94BTB: 8-32 MS with Sleeves Type 10

Options: TORX - security torx screws.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94	3½" x 5"	1¾" x 3½"	7/8"	0.6 lbs.	J403
94BTB (pair)	3½" x 5"	1¾" x 3½"	1¾"	1.2 lbs.	J403

**Flush Pull
No. 94C**



Material: .125 Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, and US32316 (see page 7).

Fastener: #8 x 7/8 SMS

Features: Fasteners concealed in cup.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94C	3½" x 5"	1¾" x 3½"	7/8"	0.6 lbs.	J403

**Dead Lock Flush Pulls
No. 94DLL, 94DLS**



Material: Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, and US32316 (see page 7).

Fastener: #8 x 7/8 OH SMS

Options:

- TORX - security torx screws.
- Custom sizes.
- Barrier Free grip; specify BF94DLL or BF94DLS.

Features:

- Used with dead bolt lock. 1¼" cylinder hole is standard.
- Vandal resistant.
- Use where projecting trim is an operational problem or an esthetic objection.
- Ideal for use on "exit only" doors where occasional entrance is required (warehouse exits), night latch function exit device openings (classroom exit only doors), mechanical closet doors and anywhere dead locking is approved.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94DLL	6½" x 8"	1¾" x 6½"	7/8"	1.0 lbs.	J403
94DLS	6½" x 5"	1¾" x 3½"	7/8"	0.8 lbs.	J403

**Flush Pull
No. 94L**



Material: .125" Brass, Bronze, Stainless Steel
Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, and US32**316** (see page 7).
Fastener: ¼-20 Thru Bolt
Options: TORX - security torx screws.
Features: Includes lugs for thru bolt. No fasteners on pull side.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94L	3½" x 5"	1¾" x 3⅜"	⅞"	0.6 lbs.	J403

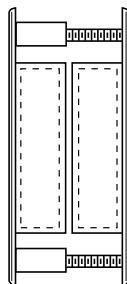
**Flush Pull
No. 94P**



Material: .125" Aluminum, Brass, Bronze, Stainless Steel
Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, and US32**316** (see page 7).
Fastener: ¼-20 MS
Options: TORX - security torx screws.
Features: Usually used with the 94L as a set (see below).

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94P	3½" x 5"	1¾" x 3⅜"	⅞"	0.6 lbs.	J403

**Flush Pull Set
No. 94P x 94L**



Material: .125", Brass, Bronze, Stainless Steel
Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, and US32**316** (see page 7).
Fastener: ¼-20 Thru Bolt
Options: TORX - security torx screws.

No.	Size	Weight	ANSI A156.6
94P x 94L	set consists of 1 #94L and 1 #94P	1.3 lbs.	J403



**Flush Pull
No. 95A**

- Material:** Cast Brass
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #6 x 5/8 SMS
- Features:** Fasteners concealed in cup.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
95A	2 ³ / ₁₆ " x 3 ¹ / ₄ "	7/8" x 2 ⁷ / ₁₆ "	3/4"	0.6 lbs.	J403



**Flush Pull
No. 95B**

- Material:** Cast Brass
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #8 x 7/8 SMS
- Ordering:** Specify mounting requirements.
- Features:** Fasteners concealed in cup.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
95B	2 ¹¹ / ₁₆ " x 4 ³ / ₁₆ "	1 ⁷ / ₁₆ " x 3 ¹ / ₂ "	3/4"	0.8 lbs.	J403



**Flush Pull
No. 95R**

- Material:** Cast Brass
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #8 x 7/8 SMS
- Features:** Fasteners concealed in cup.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
95R	3 ¹ / ₂ " dia.	2 ³ / ₄ " x 1 ¹¹ / ₁₆ "	7/8"	0.6 lbs.	J403

**Flush Pull
No. 96**



- Material:** .125" Aluminum, Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #8 x 7/8 SMS
- Options:**
- TORX - security torx screws.
 - Special sizes.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
96	4" x 16"	1 3/4" x 3 1/8"	7/8"	2.2 lbs.	J403

**Barrier Free Flush Pulls
No. BF97, BF97L**



No. BF97

- Material:** .125" Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes, and US32DBIO (see page 7).
- Fastener:** No. BF97: #8 x 7/8 SMS
No. BF97L: 10-24 Stud Welded Lugs and 10-24 Thru Bolts
- Options:** TORX - security torx screws.
- Features:** ADA flush pull.

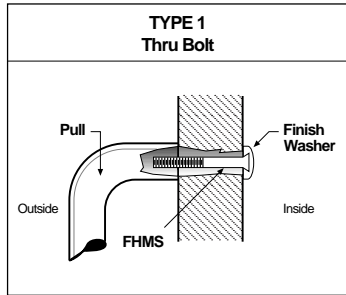


No. BF97L

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
BF97	5" x 5"	2 1/2" x 3 1/2"	7/8"	1.0 lbs.	J403
BF97L	5" x 5"	2 1/2" x 3 1/2"	7/8"	1.0 lbs.	J403

Thru Bolt

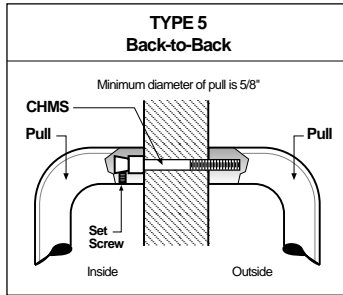
Wood or Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Back to Back

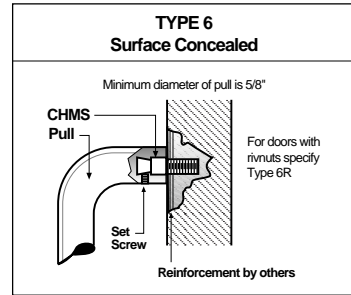
Wood or Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

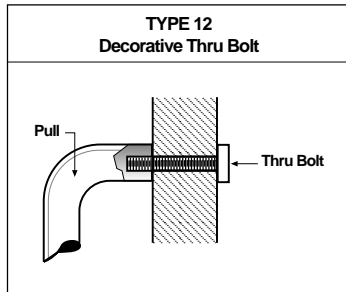
Concealed

Metal Door



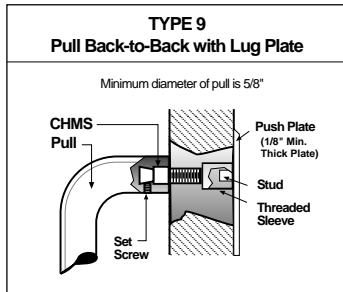
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Wood or Metal Door



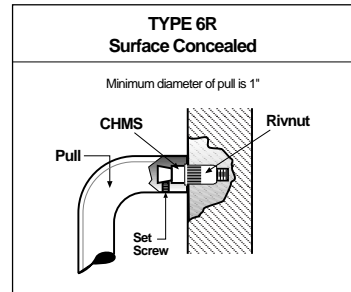
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Any Door Type



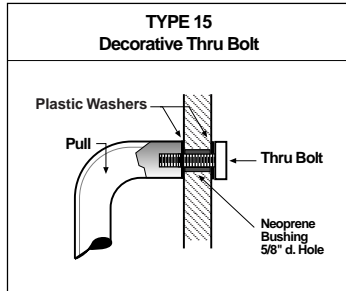
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Metal Door



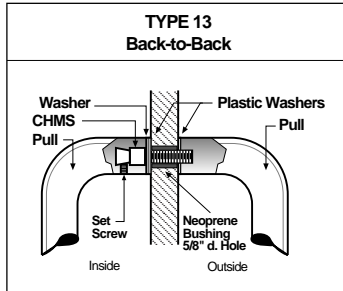
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Glass Door



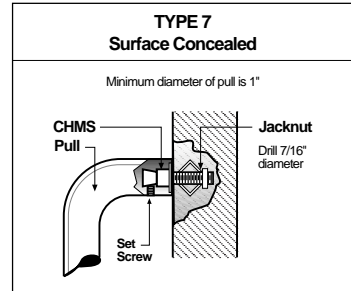
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Glass Door



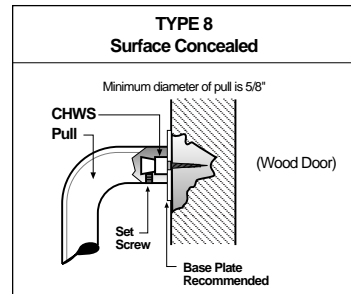
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Metal Door



Standard: 1/4 - 20

Wood Door



Standard: #14

NOTE: Heavy Duty (HD) mounting features hex drive for positive tightening and large overall size for superior strength. Recommended for high frequency and rough service openings.

Door Pulls
No. 102, 105, 106, 107, 108, 109



Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7). *US3LIFETIME available on select product below.

Fastener: ¼-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (107BTB5).
 - Concealed mounting single pulls — use C suffix and mounting type number (107C6).
 - Advise if door thickness other than 1¾".
 - See page B13 for mounting selection.
 - 2½" Barrier Free clearance — use BF prefix (BF107).

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
102	5/8" dia.	5½"	6⅞"	5/8"	2"	1⅜"	0.6 lbs.	—
105	¾" dia.	5½"	6¼"	¾"	2¼"	1½"	1.2 lbs.	J401
106	¾" dia.	6"	6¾"	¾"	2¼"	1½"	1.3 lbs.	J401
107*	¾" dia.	8"	8¾"	¾"	2¼"	1½"	1.6 lbs.	J401
108	¾" dia.	10"	10¾"	¾"	2¼"	1½"	1.8 lbs.	J401
109	¾" dia.	12"	12¾"	¾"	2¼"	1½"	2.1 lbs.	J401

Door Pulls
No. 110, 111A, 111, 112, 118



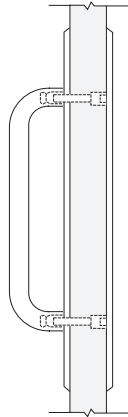
Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7). *US3LIFETIME available on select product below.

Fastener: ¼-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (112BTB5).
 - Concealed mounting single pulls — use C suffix and mounting type number (112C6).
 - Advise if door thickness other than 1¾".
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (112BTB5HD).
 - See page B13 for mounting selection.
 - 2½" Barrier Free clearance — use BF prefix (BF110).

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
110	1" dia.	8"	9"	1"	3"	2"	3.0 lbs.	—
111A	1" dia.	9"	10"	1"	3"	2"	3.3 lbs.	J401
111*	1" dia.	10"	11"	1"	3"	2"	3.5 lbs.	J401
112*	1" dia.	12"	13"	1"	3"	2"	4.0 lbs.	J401
118	1" dia.	18"	19"	1"	3"	2"	5.4 lbs.	J401



**Push Pull Set
No. 73BL, 73CL**

Material: Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32D**B10**, US32D**316**, and US32**316** (see page 7).

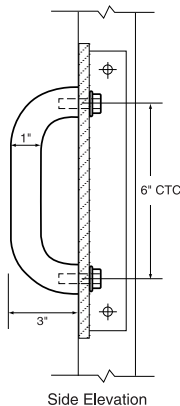
Fastener: Type 9. Stud welded lugs on the back of the push plate are permanently attached to the 1/8" thick push plate. Cone Head MS attached to selected door pull.

Features: Concealed mounting system. Any of the rod type door pulls from No. 105 to No. 118 are appropriate for this application.

Ordering: Specify pull (or pull plate) x 73BL or 73CL and finish.

- Options:**
- Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard engraving locations.
 - Cylinder Cutouts (C/C) and Turn Knob Cutouts (C/TK). See page B1 for standard locations and sizes.
 - Other overall sizes available upon request.

No.	CTC	Overall	Weight	ANSI A156.6
73BL	specify to match pull	3½" x 15"	2.1 lbs.	J406 with pull
73CL	specify to match pull	4" x 16"	2.5 lbs.	J406 with pull



**Security Door Pull
No. 110-6SP**

Material: Stainless Steel

Finishes: US32D

Fastener: 3/8"-16 Hex Head MS with nylon patch.

Features: For use on security hollow metal doors with reinforcing plate and access hole cover plate with TORX - security torx screws — all to be supplied by door manufacturer.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
110-6SP	1" dia.	6"	7"	1"	3"	2"	2.4 lbs.	J401



Door Pulls
No. Y102, Y105, Y106, Y107, Y108, Y109

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Fastener: ¼-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (Y107BTB5).
 - Concealed mounting single pulls — use C suffix and mounting type number (Y107C6).
 - Advise if door thickness other than 1¾".
 - See page B13 for mounting selection.

Features: ⅛" base plates improve stability on the door. Recommended for glass and wood doors.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
Y102	⅝" dia.	5½"	6⅞"	⅞"	2⅛"	1½"	0.6 lbs.	—
Y105	¾" dia.	5½"	6⅞"	1⅛"	2⅜"	1⅝"	1.2 lbs.	J401
Y106	¾" dia.	6"	7⅞"	1⅛"	2⅜"	1⅝"	1.3 lbs.	J401
Y107	¾" dia.	8"	9⅞"	1⅛"	2⅜"	1⅝"	1.6 lbs.	J401
Y108	¾" dia.	10"	11⅞"	1⅛"	2⅜"	1⅝"	1.8 lbs.	J401
Y109	¾" dia.	12"	13⅞"	1⅛"	2⅜"	1⅝"	2.1 lbs.	J401



Door Pulls
No. Y110, Y111A, Y111, Y112, Y118

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Fastener: ¼-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (Y112BTB5).
 - Concealed mounting single pulls — use C suffix and mounting type number (Y112C6).
 - Advise if door thickness other than 1¾".
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (112BTB5HD).
 - See page B13 for mounting selection.

Features: ⅛" base plates improve stability on the door. Recommended for glass and wood doors.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
Y110	1" dia.	8"	9¼"	1¼"	3⅛"	2⅞"	3.1 lbs.	J401
Y111A	1" dia.	9"	10¼"	1¼"	3⅛"	2⅞"	3.4 lbs.	J401
Y111	1" dia.	10"	11¼"	1¼"	3⅛"	2⅞"	3.6 lbs.	J401
Y112	1" dia.	12"	13¼"	1¼"	3⅛"	2⅞"	4.1 lbs.	J401
Y118	1" dia.	18"	19¼"	1¼"	3⅛"	2⅞"	5.5 lbs.	J401



**Door Pull
No. 120**

Material: Aluminum, Brass, Bronze, Stainless Steel
Finishes: Available in standard architectural finishes (see page 7).
Fastener: ¼-20 Thru Bolt
Options:

- Engraving available vertically.
- Back to Back mounting.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
120	¾" x 1¼"	8"	14"	1" dia.	1⅞"	1⅜"	2.6 lbs.	J401



**Door Pull
No. 121**

Material: Aluminum, Brass, Bronze, Stainless Steel
Finishes: Available in standard architectural finishes (see page 7).
Fastener: ¼-20 Thru Bolt
Options:

- Engraving available vertically.
- Back to Back mounting.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
121	¾" x 1¼"	8"	14"	1" dia.	1⅞"	1⅜"	2.6 lbs.	J401

**Door Pulls
No. 122, 123**



Material: Aluminum, Brass, Bronze, Stainless Steel
Finishes: Available in standard architectural finishes (see page 7).
Fastener: ¼-20 Thru Bolt

No.	Material Size	CTC	Overall	Projection	Clearance	Weight	ANSI A156.6
122	¾" x 1¼"	6"	6⅜"	2"	1⅝"	1.1 lbs.	J401
123	¾" x 1¼"	8"	8⅜"	2"	1⅝"	1.4 lbs.	J401



**Door Pulls
No. 125, 126**

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: ¼-20 Thru Bolt

No.	Material Size	CTC	Overall	Projection	Clearance	Weight	ANSI A156.6
125	1" half round	6"	6½"	2"	1½"	1.1 lbs.	J401
126	1" half round	8"	8½"	2"	1½"	1.4 lbs.	J401



**Cast Door Pull
No. 130**

Material: Cast Aluminum, Brass, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: ¼-20 Thru Bolt

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
130	5½"	7½"	2"	2¼"	1½"	1.1 lbs.	J401



**Cast Door Pull
No. 131**

Material: Cast Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #8 SMS

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
131	—	7½"	2"	2¼"	1½"	1.1 lbs.	J401



**Cast Door Pull
No. 132**

Material: Cast Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, and US3LIFETIME (see page 7).

Fastener: 1/4-20 Thru Bolt

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
132	5 1/2"	6 3/8"	7/8"	1 7/8"	1 3/8"	0.8 lbs.	J401



**Security Loop Door Pull
No. D133**

Material: Brass, Stainless Steel

Finishes: US4, US32D, and US32DBIO

Fastener: 2 ea. 3/8-16 x 5/8 OH Security Torx MS

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
D133	7 3/4"	8 3/4"	1 3/4" x 1 7/8"	2 1/4"	1 11/16"	1.1 lbs.	J401



**Cast Door Pull
No. 134**

Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: 1/4-20 Thru Bolt

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
134	7 1/2"	8 1/2"	1"	1 7/8"	1 3/8"	1.0 lbs.	J401



**Cast Door Pull
No. 137**

Material: Cast Brass, Stainless Steel

Finishes: Available in standard architectural finishes, and US32DBIO (see page 7).

Fastener: ¼-20 Thru Bolt

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
137	5½"	6"	⅝" x 1¼"	2"	1½"	0.9 lbs.	J401



**Cast Door Pull
No. 137L**

Material: Cast Brass, Bronze

Finishes: Available in standard architectural finishes (see page 7).

Fastener: ¼-20 Thru Bolt

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
137L	10"	10¾"	⅝" x 1¼"	2½"	1¾"	1.1 lbs.	J401



**Cast Door Pull
No. 138**

Material: Cast Aluminum, Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: ¼-20 Thru Bolt

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
138	7½"	9½"	2"	2⅜"	1½"	1.5 lbs.	J401



**Cast Door Pull
No. 139**

Material: Cast Aluminum, Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #8 SMS

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
139	—	9½"	2"	2⅜"	1½"	1.5 lbs.	J401



**Door Pulls
No. 147, 147L**

Material: Cast Brass
Finishes: Available in standard architectural finishes (see page 7).
 *US3**LIFETIME** available on select product below.
Fastener: 1/4"-20 Thru Bolt
Options: Elliptical base plates (see Architectural Hardware Catalog, page 47).

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
147*	6"	7½"	1⅛" dia.	2½"	1¾"	1.2 lbs.	J401
147L	12"	13¾"	1⅛" dia.	2⅝"	1⅞"	1.7 lbs.	J401



**Door Pull
No. 148**

Material: Cast Brass
Finishes: Available in standard architectural finishes, and US3**LIFETIME** (see page 7).
Fastener: 1/4"-20 Thru Bolt
Options: Type 5 Back to Back mounting.

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI
148	8"	8⅞"	15/16"	2¼"	1¼"	1.5 lbs.	J401



**Door Pull
No. 149**

Material: Cast Brass
Finishes: Available in standard architectural finishes, and US3**LIFETIME** (see page 7).
Fastener: 1/4"-20 Thru Bolt
Options: Type 5 Back to Back mounting.

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI
149	8"	9¾"	1¾"	2⅝"	1⅝"	1.8 lbs.	J401



Pull Plates

No. 102 x 70, 105 x 70, 106 x 70, 107 x 70

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Stocked in standard architectural finishes but available in any finish, US32DBIO, US32D316, and US32316 (see page 7). *US3LIFETIME available on select product below.

Fastener: 1/4"-20 Thru Bolt, #6 x 5/8" OH SMS

Options: Barrier Free available in 2 1/2" clearance — use BF prefix when ordering (BF102 x 70C).

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
102 x 70B	5/8" dia.	5 1/2"	70	3 1/2" x 15"	1.8 lbs.	J405
102 x 70C	5/8" dia.	5 1/2"	70	4" x 16"	1.9 lbs.	J405
105 x 70B	3/4" dia.	5 1/2"	70	3 1/2" x 15"	2.1 lbs.	J405
105 x 70C	3/4" dia.	5 1/2"	70	4" x 16"	2.2 lbs.	J405
106 x 70B	3/4" dia.	6"	70	3 1/2" x 15"	2.2 lbs.	J405
106 x 70C	3/4" dia.	6"	70	4" x 16"	2.3 lbs.	J405
107 x 70B*	3/4" dia.	8"	70	3 1/2" x 15"	2.4 lbs.	J405
107 x 70C*	3/4" dia.	8"	70	4" x 16"	2.5 lbs.	J405



Pull Plates

No. 110 x 70, 111 x 70

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Stocked in standard architectural finishes but available in any finish, US32DBIO, US32D316, and US32316 (see page 7). *US3LIFETIME available on select product below.

Fastener: 1/4"-20 Thru Bolt, #6 x 5/8" OH SMS

Options: Barrier Free available in 2 1/2" clearance — use BF prefix when ordering (BF110 x 70C).

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
110 x 70B	1" dia.	8"	70	3 1/2" x 15"	3.8 lbs.	J405
110 x 70C	1" dia.	8"	70	4" x 16"	3.9 lbs.	J405
111 x 70B*	1" dia.	10"	70	3 1/2" x 15"	4.3 lbs.	J405
111 x 70C*	1" dia.	10"	70	4" x 16"	4.4 lbs.	J405



Pull Plates
No. 122 x 70, 123 x 70

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Stocked in standard architectural finishes but available in any finish (see page 7).

Fastener: 1/4"-20 Thru Bolt, #6 x 5/8" OH SMS

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
122 x 70B	3/8" x 1 1/4"	6"	70	3 1/2" x 15"	2.2 lbs.	J405
122 x 70C	3/8" x 1 1/4"	6"	70	4" x 16"	2.3 lbs.	J405
123 x 70B	3/8" x 1 1/4"	8"	70	3 1/2" x 15"	2.5 lbs.	J405
123 x 70C	3/8" x 1 1/4"	8"	70	4" x 16"	2.6 lbs.	J405



Pull Plates
No. 125 x 70, 126 x 70

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Stocked in standard architectural finishes but available in any finish (see page 7).

Fastener: 1/4"-20 Thru Bolt, #6 x 5/8" OH SMS

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
125 x 70B	1" half round	6"	70	3 1/2" x 15"	2.0 lbs.	J405
125 x 70C	1" half round	6"	70	4" x 16"	2.1 lbs.	J405
126 x 70B	1" half round	8"	70	3 1/2" x 15"	2.3 lbs.	J405
126 x 70C	1" half round	8"	70	4" x 16"	2.4 lbs.	J405



**Pull Plates
No. 132 x 70**

Material: Aluminum, Brass, Bronze, Stainless Steel

Finishes: Stocked in standard architectural finishes but available in any finish, US32DBIO, and US3LIFETIME (see page 7).

Fastener: 1/4-20 Thru Bolt, #6 x 5/8 OH SMS

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
132 x 70B	cast	5½"	70	3½" x 15"	1.7 lbs.	J405
132 x 70C	cast	5½"	70	4" x 16"	1.8 lbs.	J405



**Pull Plates
No. 137 x 70**

Material: Brass, Stainless Steel

Finishes: Stocked in standard architectural finishes but available in any finish (see page 7).

Fastener: 1/4-20 Thru Bolt, #6 x 5/8 OH SMS

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
137 x 70B	cast	5½"	70	3½" x 15"	1.7 lbs.	J405
137 x 70C	cast	5½"	70	4" x 16"	1.8 lbs.	J405



No. 147 x 76B



No. 147 x 77B

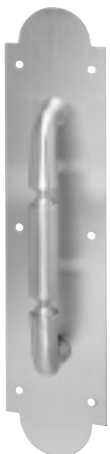
Pull Plates
No. 147 x 76, 147 x 77

Material: Cast Brass

Finishes: Stocked in standard architectural finishes, and US3**LIFETIME** (see page 7).

Fastener: 1/4"-20 Thru Bolt, #6 x 5/8" OH SMS

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
147 x 76B	cast	6"	76	3½" x 15"	2.1 lbs.	J405
147 x 76C	cast	6"	76	4" x 16"	2.2 lbs.	J405
147 x 77B	cast	6"	77	3½" x 15"	2.1 lbs.	J405
147 x 77C	cast	6"	77	4" x 16"	2.2 lbs.	J405



No. 148 x 76B



No. 148 x 77B

Pull Plates
No. 148 x 76, 148 x 77

Material: Cast Brass

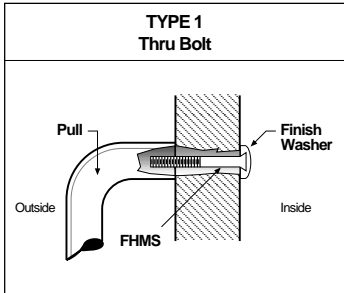
Finishes: Stocked in standard architectural finishes, and US3**LIFETIME** (see page 7).

Fastener: 1/4"-20 Thru Bolt, #6 x 5/8" OH SMS

No.	Pull	CTC	Plate	Size	Weight	ANSI A156.6
148 x 76B	cast	8"	76	3½" x 15"	2.7 lbs.	J405
148 x 76C	cast	8"	76	4" x 16"	2.8 lbs.	J405
148 x 77B	cast	8"	77	3½" x 15"	2.7 lbs.	J405
148 x 77C	cast	8"	77	4" x 16"	2.8 lbs.	J405

Thru Bolt

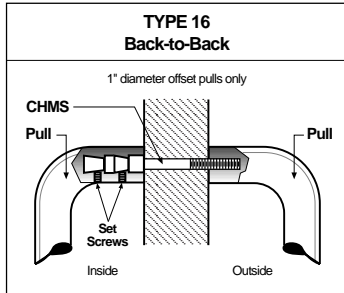
Wood or Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Back to Back

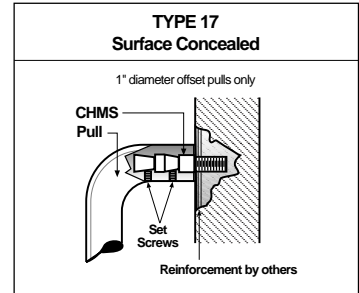
Wood or Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

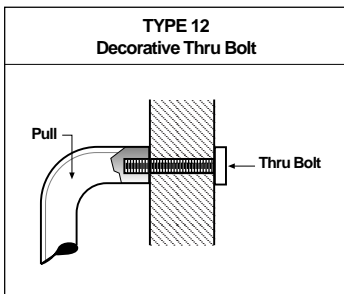
Concealed

Metal Door



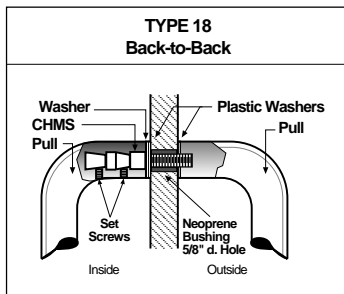
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Wood or Metal Door



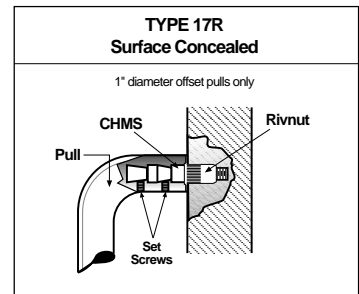
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Glass Door



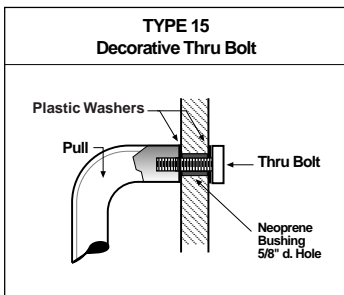
Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Metal Door



Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

Glass Door

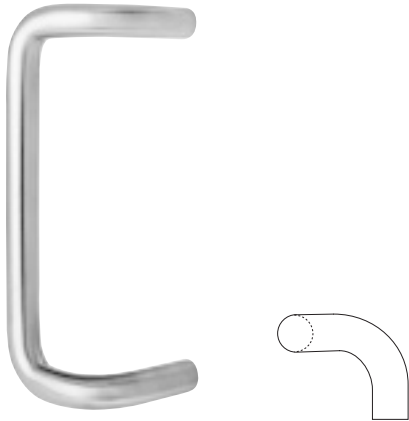


Standard: 1/4 - 20
Heavy Duty: 5/16 - 18

NOTE: Y base plates are recommended on wood or glass doors to make a stable and durable mounting.

NOTE: Heavy Duty (HD) mounting features hex drive for positive tightening and large overall size for superior strength. Recommended for high frequency and rough service openings.

**90° Offset Door Pulls
No. 150, 151, 152**



Material: Aluminum, Brass, Bronze, or Stainless Steel

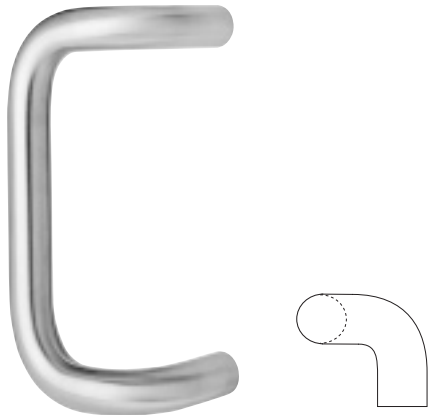
Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Fastener: ¼-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (150BTB16).
 - Concealed mounting single pulls — use C suffix and mounting type number (150C17).
 - Advise if door thickness other than 1¾".
 - See page B26 for mounting selection.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
150	¾" dia.	8"	8¾"	¾"	3¼"	2½"	3"	2.3 lbs.	J402
151	¾" dia.	10"	10¾"	¾"	3¼"	2½"	3"	2.5 lbs.	J402
152	¾" dia.	12"	12¾"	¾"	3¼"	2½"	3"	2.7 lbs.	J402

**90° Offset Door Pulls
No. BF156, BF157A, BF157, BF158, BF159**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**BIO**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7). *US3**LIFETIME** available on select product below.

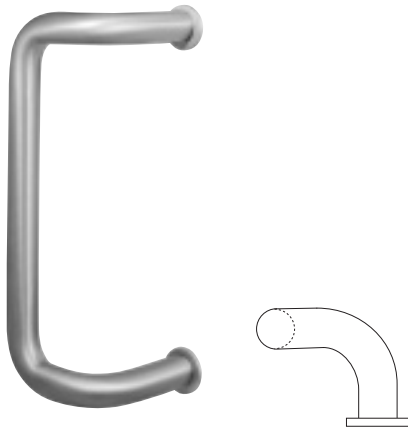
Fastener: ¼-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (BF156BTB16).
 - Concealed mounting single pulls — use C suffix and mounting type number (BF156C17).
 - Advise if door thickness other than 1¾".
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF156BTB16HD).
 - See page B26 for mounting selection.

Features: Recommended for ADA openings.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF156	1" dia.	8"	9"	1"	3½"	2½"	4"	3.9 lbs.	J402
BF157A	1" dia.	9"	10"	1"	3½"	2½"	4"	4.1 lbs.	J402
BF157*	1" dia.	10"	11"	1"	3½"	2½"	4"	4.3 lbs.	J402
BF158	1" dia.	12"	13"	1"	3½"	2½"	4"	4.8 lbs.	J402
BF159	1" dia.	18"	19"	1"	3½"	2½"	4"	6.5 lbs.	J402

**90° Offset Door Pulls
No. Y150, Y151, Y152**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**B10**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

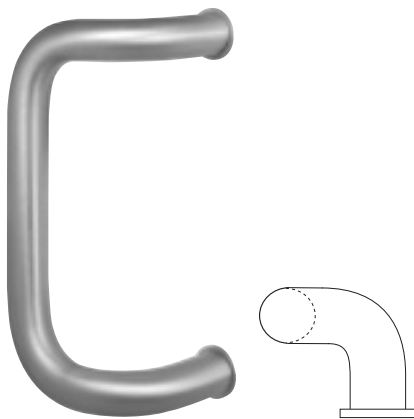
Fastener: 1/4"-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (Y150BTB16).
 - Concealed mounting single pulls — use C suffix and mounting type number (Y150C17).
 - Advise if door thickness other than 1 3/4".
 - See page B26 for mounting selection.

Features: Base plates improve stability on all doors and are especially recommended for use on wood and glass doors.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
Y150	3/4" dia.	8"	9 1/16"	1 1/16"	3 3/4"	2 5/8"	3"	2.4 lbs.	J402
Y151	3/4" dia.	10"	11 1/16"	1 1/16"	3 3/4"	2 5/8"	3"	2.6 lbs.	J402
Y152	3/4" dia.	12"	13 1/16"	1 1/16"	3 3/4"	2 5/8"	3"	2.8 lbs.	J402

**90° Offset Door Pulls
No. YBF156, YBF157A, YBF157, YBF158, YBF159**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**B10**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7). *US3**LIFETIME** available on select product below.

Fastener: 1/4"-20 Thru Bolt and Finish Washer

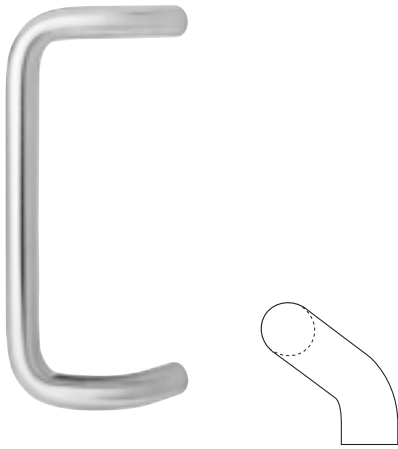
- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (YBF156BTB16).
 - Concealed mounting single pulls — use C suffix and mounting type number (YBF156C17).
 - Advise if door thickness other than 1 3/4".
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (YBF156BTB16HD).
 - See page B26 for mounting selection.

Features:

- Recommended for ADA openings.
- Base plates improve stability on all doors and are especially recommended for use on wood and glass doors.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
YBF156	1" dia.	8"	9 1/4"	1 1/4"	3 5/8"	2 5/8"	4"	4.0 lbs.	J402
YBF157A	1" dia.	9"	10 1/4"	1 1/4"	3 5/8"	2 5/8"	4"	4.2 lbs.	J402
YBF157*	1" dia.	10"	11 1/4"	1 1/4"	3 5/8"	2 5/8"	4"	4.4 lbs.	J402
YBF158	1" dia.	12"	13 1/4"	1 1/4"	3 5/8"	2 5/8"	4"	4.9 lbs.	J402
YBF159	1" dia.	18"	19 1/4"	1 1/4"	3 5/8"	2 5/8"	4"	6.6 lbs.	J402

**45° Offset Door Pulls
No. 160, 161, 162**



Material: Aluminum, Brass, Bronze, or Stainless Steel

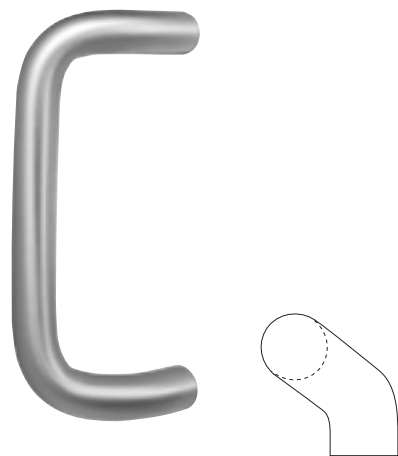
Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Fastener: 1/4-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (160BTB16).
 - Concealed mounting single pulls — use C suffix and mounting type number (160C17).
 - Advise if door thickness other than 1 3/4".
 - See page B26 for mounting selection.
 - Use Y prefix (Y160) when ordering pulls with base plates, Y plate diameter is 1 1/16"; recommended for use on wood and glass doors.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
160	3/4" dia.	8"	8 3/4"	3/4"	3 1/4"	2 1/2"	2 1/4"	1.8 lbs.	J402
161	3/4" dia.	10"	10 3/4"	3/4"	3 1/4"	2 1/2"	2 1/4"	2.0 lbs.	J402
162	3/4" dia.	12"	12 3/4"	3/4"	3 1/4"	2 1/2"	2 1/4"	2.2 lbs.	J402

**45° Offset Door Pulls
No. BF166, BF167A, BF167, BF168, BF169**



Material: Aluminum, Brass, Bronze, or Stainless Steel

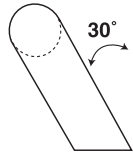
Finishes: Available in standard architectural finishes, US32DBIO, US32D316, US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Fastener: 1/4-20 Thru Bolt and Finish Washer

- Options:**
- Back to back mounting in pairs — use BTB suffix and mounting type number (BF166BTB16).
 - Concealed mounting single pulls — use C suffix and mounting type number (BF166C17).
 - Advise if door thickness other than 1 3/4".
 - Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF166BTB16HD).
 - See page B26 for mounting selection.
 - Use Y prefix (YBF166) when ordering pulls with base plates, Y plate diameter is 1 1/4"; recommended for use on wood and glass doors.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF166	1" dia.	8"	9"	1"	3 1/2"	2 1/2"	2 3/4"	2.8 lbs.	J402
BF167A	1" dia.	9"	10"	1"	3 1/2"	2 1/2"	2 3/4"	3.0 lbs.	J402
BF167	1" dia.	10"	11"	1"	3 1/2"	2 1/2"	2 3/4"	3.2 lbs.	J402
BF168	1" dia.	12"	13"	1"	3 1/2"	2 1/2"	2 3/4"	3.6 lbs.	J402
BF169	1" dia.	18"	19"	1"	3 1/2"	2 1/2"	2 3/4"	5.0 lbs.	J402

**Heavy Duty Offset Door Pulls
No. BF257, BF258, BF259, BF260**



Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, US32D**B10**, US32D**316**, US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes (see page 7).

Fastener: 3/8"-16 Thru Bolt

- Features:**
- Heavy duty pull and mounting for rough service areas.
 - Large footprint on door provides stable mounting.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF257	1 1/4" dia.	10"	11 1/4"	1 1/4" x 1 7/16"	3 3/4"	2 1/2"	1 15/16"	8.3 lbs.	J402
BF258	1 1/4" dia.	12"	13 1/4"	1 1/4" x 1 7/16"	3 3/4"	2 1/2"	1 15/16"	9.0 lbs.	J402
BF259	1 1/4" dia.	18"	19 1/4"	1 1/4" x 1 7/16"	3 3/4"	2 1/2"	1 15/16"	11.1 lbs.	J402
BF260	1 1/4" dia.	24"	25 1/4"	1 1/4" x 1 7/16"	3 3/4"	2 1/2"	1 15/16"	13.3 lbs.	J402

**Vandal Resistant Trim
No. VRT12, VRT22**



No. VRT12



No. VRT22

Material: Stainless Steel

Finishes: US32D

Fastener: 1/4"-20 Thru Bolt. Other sizes to match locks and exit devices as required.

- Options:**
- Cut for cylinder — use C suffix (VRT22C) when ordering.
 - Specify make and model number of exit device when mounting with exit device fastening systems.

Features: VRT22 — soft black textured grip.

No.	Material Size	Weight
VRT12	5 7/8" x 12"	2.3 lbs.
VRT22	5 7/8" x 12"	2.3 lbs.



**Offset Door Pull
No. 176**

- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US26 and US26D (see page 7).
- Fastener:** ¼-20 Thru Bolt and Finishing Washer
- Options:** Engraving "PUSH" or "PULL" or a corporate logo. Email artwork file for quicker service.

No.	Material Size	CTC	Base	Projection	Clearance	Weight	ANSI A156.6
176	6" x 12"	10"	1 3/8" x 12"	2 1/4"	1 7/8"	6.8 lbs.	J409



**Offset Door Pull
No. 177**

- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US26 and US26D (see page 7).
- Fastener:** ¼-20 Thru Bolt and Finishing Washer
- Options:** Engraving "PUSH" or "PULL" or a corporate logo. Email artwork file for quicker service.

No.	Material Size	CTC	Base	Projection	Clearance	Weight	ANSI A156.6
177	6" x 12"	10"	1 3/8" x 12"	2 1/4"	1 7/8"	3.3 lbs.	J409



**Offset Door Pull
No. 185**

- Material:** Aluminum, Brass, Bronze, or Stainless Steel
- Finishes:** Available in standard architectural finishes, except US26 and US26D (see page 7).
- Fastener:** ¼-20 Thru Bolt and Finishing Washer
- Options:** Engraving "PUSH" or "PULL" or a corporate logo. Email artwork file for quicker service.

No.	Material Size	CTC	Base	Projection	Clearance	Weight	ANSI A156.6
185	5" x 12"	10"	1" x 12"	2 3/8"	1 1/8"	12.5 lbs.	J409



**Hospital Door Pull
No. 193**

Material: Cast Brass, Stainless Steel

Finishes: Available in standard architectural finishes, and US32DBIO (see page 7).

Fastener: #8 SMS

No.	Material	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
193	cast	9¼"	1½" x 1½"	3½"	1⅝"	0.9 lbs.	J401



**Wooden Door Pull
No. 208**

Material: Maple, Oak, Walnut, and Cherry (other woods available upon request)

Finishes: Brackets available in standard architectural finishes (see page 7). Wood available in Oiled or Clear Finish.

Fastener: ¼-20 Thru Bolt

Ordering: Specify type of material, finish of wood, and finish of metal brackets.

- Options:**
- Use Y prefix (Y208) when ordering pulls with base plates, Y plate diameter is 1⅞"; recommended for use on glass or wood doors.
 - Back to back mounting — use BTB suffix (208BTB) when ordering two pulls back to back. See page B13 for mounting details.
 - Other sizes and shapes available; contact factory.

No.	Grip	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
208	1¾"	8"	15"	¾" dia.	3¼"	1⅞"	1.9 lbs.	J401



**Tapered Door Pulls
No. 215, 215L**

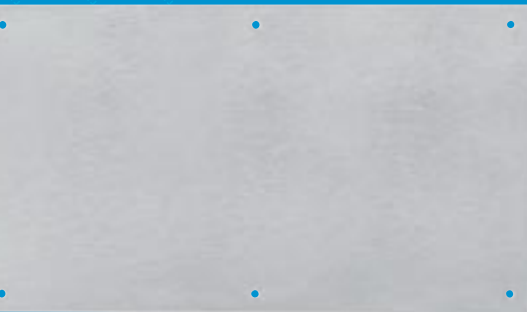
Material: Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes, and US32DBIO (see page 7)

Fastener: ¼-20 Thru Bolt

- Options:**
- Use Y prefix (Y215) when ordering pulls with base plates, Y plate diameter is 1⅞"; recommended for use on glass or wood doors.
 - Back to back mounting — use BTB suffix (215BTB) when ordering two pulls back to back. See page B13 for mounting details.

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
215	1" dia.	8"	16"	¾" dia.	2½"	1¾"	3.5 lbs.	J401
215L	1¼" dia.	12"	28"	¾" dia.	2¾"	1½"	9.4 lbs.	J401



**Protection Plates and Devices
from Rockwood**

*Protection Plates
and Devices*

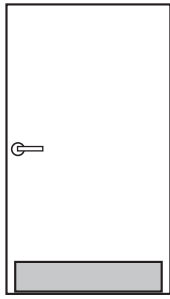
UL and W-H Listed

Beautiful Finishes

Self-drilling TEK Screws

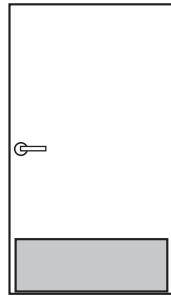
ROCKWOOD

Door Plates



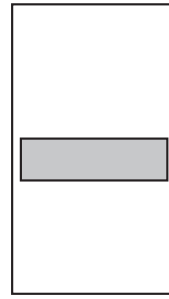
Mop Plate

Up to 8"h x 48"w



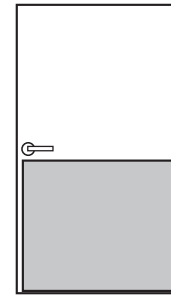
Kick Plate

6" to 12"h x 48"w



Stretcher Plate

6" to 12"h and up to 48"w



Armor Plate

Up to 48"h x 48"w and available in most finishes



Width of Plates:

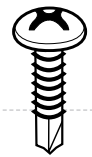
Push Side: 2" less than door width. Pull Side: 1½" less than door width.

NFPA 80 STANDARDS — 2-4.5 Protection Plates: Factory-installed protection plates shall be installed in accordance with the listing of the door. Field-installed protection plates shall be labeled and installed in accordance with their listing.

Exception: Labeling is not required where the top of the protection plate is not more than 16 in. (406 mm) above the bottom of the door.

Self-Drilling TEK Screws

Cuts Door Plate
Installation Time
in Half



Metal Door Plate - Economy Duty No. K1038

Material: .038" Thick Aluminum, Stainless Steel

Finishes: Brass Look Aluminum (BRS LK), US32D, US32DPAT, and US3LIFETIME

Fastener: #6 x 5/8 TH SMS

Ordering: Specify height x width x finish code. Add any options.

Weight: 8" x 34" = 3.2 lbs.

- Options:**
- SA - self-adhesive mounting.
 - TEK - self-drilling screws.
 - Cutouts for locks, louvers, or windows.
 - TORX - security torx screws.



US32DPAT
Patterned Stainless Steel

Metal Door Plate - Standard Duty No. K1050, K1050F

Material: .050" Thick Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, and US32316 (see page 7).

Fastener: #6 x 5/8 TH SMS

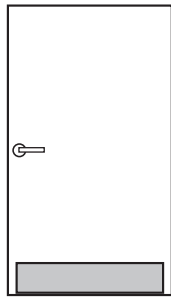
Ordering: Specify height x width x finish code. Add any options.

Weight: 8" x 34" = 4.0 lbs.

ANSI: J101 - metal armor plate, J102 - metal kick plate, J103 - metal stretcher & mop plate.

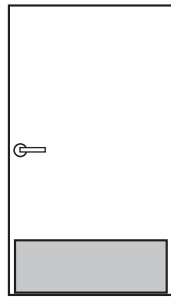
- Options:**
- SA - self-adhesive mounting.
 - TEK - self-drilling screws.
 - Beveled 3 or 4 edges, specify B3E or B4E.
 - CSK - countersunk holes.
 - Cutouts for locks, louvers, or windows.
 - TORX - security torx screws.
 - Warnock Hersey labeled plates for 3-hour metal doors K1050F.





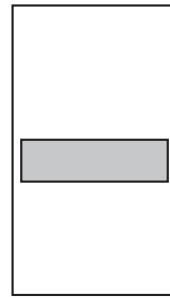
Mop Plate

Up to 8"h x 48"w



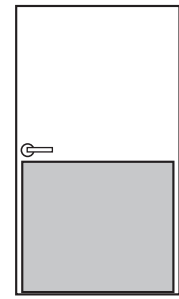
Kick Plate

6" to 12"h x 48"w



Stretcher Plate

6" to 12"h and up to 48"w



Armor Plate

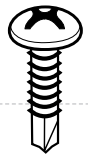
Up to 48"h x 48"w and available in most finishes

Width of Plates:

Push Side: 2" less than door width. Pull Side: 1½" less than door width.

Self-Drilling TEK Screws

Cuts Door Plate
Installation Time
in Half



**Metal Door Plate - Heavy Duty
No. K1062**

Material: .062" Thick Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #6 x 5/8 TH SMS

Ordering: Specify height x width x finish code. Add any options.

Weight: 8" x 34" = 5.0 lbs.

ANSI: J101 - metal armor plate, J102 - metal kick plate, J103 - metal stretcher & mop plate.

- Options:**
- TEK - self-drilling screws.
 - Beveled 3 or 4 edges, specify B3E or B4E.
 - CSK - countersunk holes.
 - Cutouts for locks, louvers, or windows.
 - TORX - security torx screws.

**Metal Door Plate - Extra Heavy Duty
No. K1125**

Material: .125" Thick Aluminum, Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes, US32D**316** (see page 7), and Polished Aluminum Diamond Plate (ALM DIA).

Fastener: #6 x 5/8 TH SMS

Ordering: Specify height x width x finish code. Add any options.

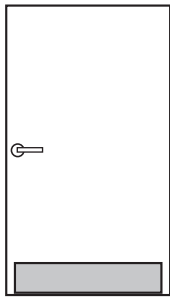
Weight: 8" x 34" = 10.0 lbs.

ANSI: J101 - metal armor plate, J102 - metal kick plate, J103 - metal stretcher & mop plate.

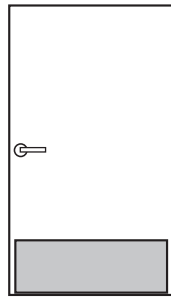
- Options:**
- TEK - self-drilling screws.
 - Beveled 3 or 4 edges, specify B3E or B4E.
 - Cutouts for locks, louvers, or windows.
 - TORX - security torx screws.



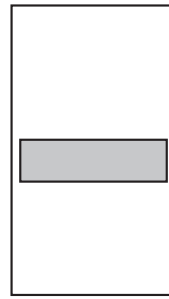
ALM DIA
Polished Aluminum Diamond Plate



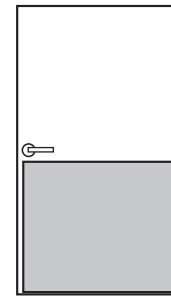
Mop Plate
Up to 8"h x 48"w



Kick Plate
6" to 12"h x 48"w



Stretcher Plate
6" to 12"h and up to 48"w



Armor Plate
Up to 48"h x 48"w



Width of Plates:

Push Side: 2" less than door width. Pull Side: 1½" less than door width.

NFPA 80 STANDARDS — 2-4.5 Protection Plates: Factory-installed protection plates shall be installed in accordance with the listing of the door. Field-installed protection plates shall be labeled and installed in accordance with their listing.

Exception: Labeling is not required where the top of the protection plate is not more than 16 in. (406 mm) above the bottom of the door.

**Plastic Door Plate - Heavy Duty
No. K2060**

Material: .060" Thick Kydex® 160 PVC Acrylic Alloy Plastic*

Finishes: Beige #72005, Calcutta Black #52000, Chocolate Brown #72010, Pewter Gray #52001

Fastener: #6 x 5/8 TH SMS

Ordering: Specify height x width x color. Add any options.

Weight: 8" x 34" = 1.0 lbs.

ANSI: J105 - plastic armor plate, J106 - plastic kick plate, J107 - plastic stretcher & mop plate.

- Optional:**
- Cutouts for locks, louvers, or windows.
 - SA - self-adhesive mounting (K2060SA).
 - SA-F - self-adhesive mounting (K2060SA-F) and UL approved for use of 90-minute wood doors and 3-hour metal doors.

* Kydex 160 meets Class 1A building code ratings up to .125" thick.

**Plastic Door Plate - Extra Heavy Duty
No. K2125**

Material: .125" Thick Kydex® 160 PVC Acrylic Alloy Plastic*

Finishes: Beige #72005, Calcutta Black #52000, Chocolate Brown #72010, Pewter Gray #52001

Fastener: #6 x 5/8 TH SMS

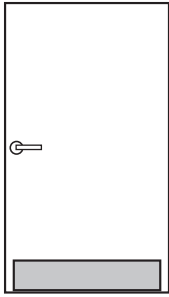
Ordering: Specify height x width x color. Add any options.

Weight: 8" x 34" = 1.8 lbs.

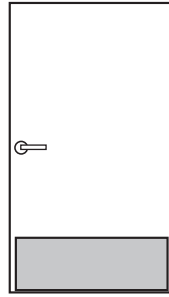
ANSI: J105 - plastic armor plate, J106 - plastic kick plate, J107 - plastic stretcher & mop plate.

- Optional:**
- Cutouts for locks, louvers, or windows.
 - CSK - countersunk holes.
 - SA - self-adhesive mounting (K2125SA)
 - SA-F - self-adhesive mounting (K2125SA-F) and UL listed for use on 90-minute label wood doors and 3-hour label metal doors.

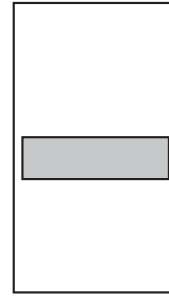
* Kydex 160 meets Class 1A building code ratings up to .125" thick.



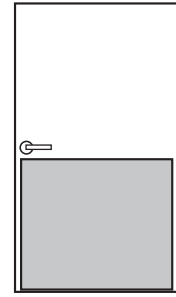
Mop Plate
Up to 8"h x 48"w



Kick Plate
6" to 12"h x 48"w



Stretcher Plate
6" to 12"h and up to 48"w



Armor Plate
Up to 48"h x 48"w

Width of Plates:

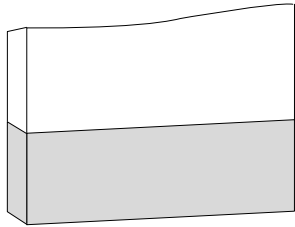
Push Side: 2" less than door width. Pull Side: 1½" less than door width.

Laminate Plastic Door Plate
No. K3125

- Material:** .125" Laminate Plastic
- Finishes:** Beige, Black, Brown, Pewter Gray, White
- Fastener:** #6 x 5/8 TH SMS
- Ordering:** Specify height x width x finish code x color. Add any options.
- Weight:** 8" x 34" = 1.8 lbs.
- ANSI:** J105 - plastic armor plate, J106 - plastic kick plate, J107 - plastic stretcher & mop plate.
- Optional:**
 - SA - self-adhesive mounting (K3125SA).
 - Cutouts for locks, louvers, or windows.
 - CSK - countersunk holes.

Clear Plastic Door Plate
No. K4125

- Material:** .125" Clear Plastic
- Finishes:** Clear
- Fastener:** #6 x 5/8 TH SMS
- Ordering:** Specify height x width. Add any options.
- Weight:** 8" x 34" = 1.5 lbs.
- ANSI:** J105 - plastic armor plate, J106 - plastic kick plate, J107 - plastic stretcher & mop plate.
- Optional:**
 - Cutouts for locks, louvers, or windows.
 - CSK - countersunk holes.
- Features:** Break and scratch resistant.



**One-Sided Angle Plate
No. KB1150**

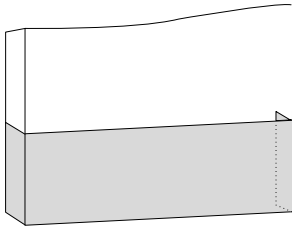
Material: .050" Thick Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #6 x 5/8 TH SMS

Ordering: Provide drawing specifying size, and square or bevel edge door.

Optional: Beveling, TORX - security torx screws and TEK - self-drilling screws, cutouts for hinges, flush bolts, and locks.



**Two-Sided Angle Plate
No. KB1151**

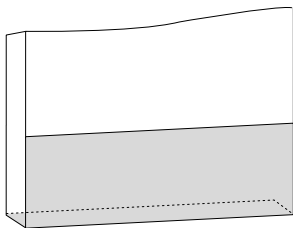
Material: .050" Thick Aluminum, Brass, Bronze, or Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #6 x 5/8 TH SMS

Ordering: Provide drawing specifying size, and square or bevel edge door.

Optional: Beveling, TORX - security torx screws and TEK - self-drilling screws, cutouts for hinges, flush bolts, and locks.



**Bottom Angle Plate
No. KB1152**

Material: .050" Thick Aluminum, Brass, Bronze, or Stainless Steel

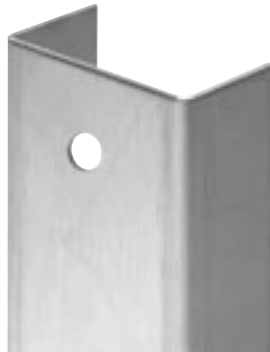
Finishes: Available in standard architectural finishes (see page 7).

Fastener: #6 x 5/8 TH SMS

Ordering: Provide drawing specifying size, and square or bevel edge door.

Optional: Beveling, TORX - security torx screws and TEK - self-drilling screws.

**Mortise Door Edges
No. 300, 301, 302, 302B**



Material: .050" Thick Brass, Bronze, Plain Steel, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, prime painted steel (see page 7).

Fastener: #6 x 5/8 FH SMS

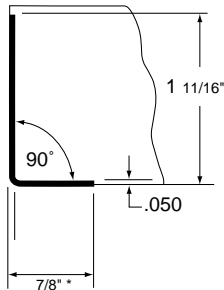
Ordering: Specify any length up to 96" (standard lengths are 42", 84", 96"). **NOTE:** 84" and 96" are made to match net door height - specify.

- Options:**
- UL fire rated listed for stainless steel - specify UL when ordering (300-UL). Only for non-mortise applications.
 - Cutouts for flush bolts, lock strikes, locks, and hinges (see worksheets on pages C10-C12 for details on how to order).

Features: Door edges are sized to be mortised into the surface of 1 3/4" thick wood doors. Advise if your door is another thickness. **NOTE:** Some wood doors that are nominally 1 3/4" vary significantly.

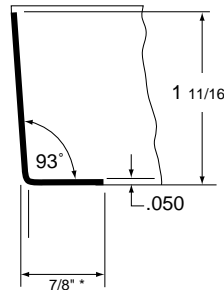
No. 300

ANSI 156.6 - J204



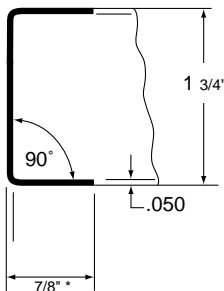
No. 301

ANSI 156.6 - J205



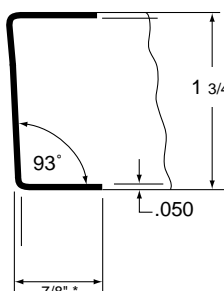
No. 302

ANSI 156.6 - J210



No. 302B

ANSI 156.6 - J211



* Modified leg lengths available.

**Non-Mortise Door Edges
No. 304, 305, 306, 306-AST, 306B, 306B-AST, 307**



Material: .050" Thick Brass, Bronze, Plain Steel, Stainless Steel

Finishes: Available in standard architectural finishes, US32DBIO, US32D316, prime painted steel (see page 7).

Fastener: #6 x 5/8 FH SMS

Ordering: Specify any length up to 96" (standard lengths are 42", 84", 96"). **NOTE:** 84" and 96" are made to match net door height - specify. Specify wood or metal door.

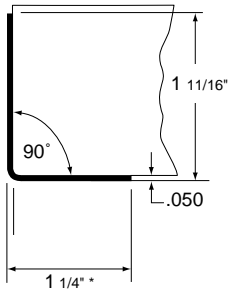
Options:

- UL fire rated listed for stainless steel - specify UL when ordering (306-UL). Only for non-mortise applications.
- Heavy duty .060" thickness available — use HD prefix (HD304) when ordering.
- Cutouts for flush bolts, lock strikes, locks, and hinges (see worksheets on pages C8 or C10-C12 for details on how to order).

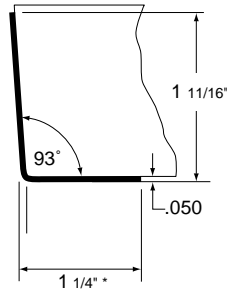
Features:

- Door edges are sized for 1 3/4" thick wood or metal doors. Advise if your door is another thickness. **NOTE:** Some wood doors that are nominally 1 3/4" vary significantly.
- 306-AST and 306B-AST include an astragal, providing additional protection against vandalism.

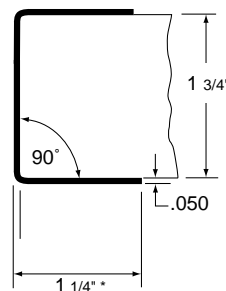
No. 304



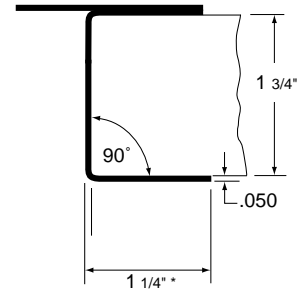
No. 305



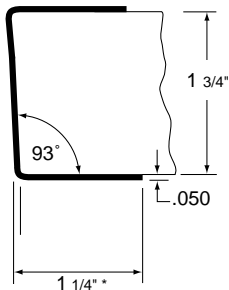
No. 306



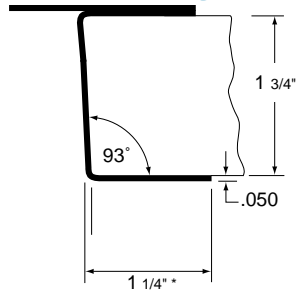
**No. 306-AST
(with Astragal)**



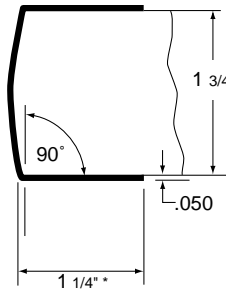
No. 306B



**No. 306B-AST
(with Astragal)**



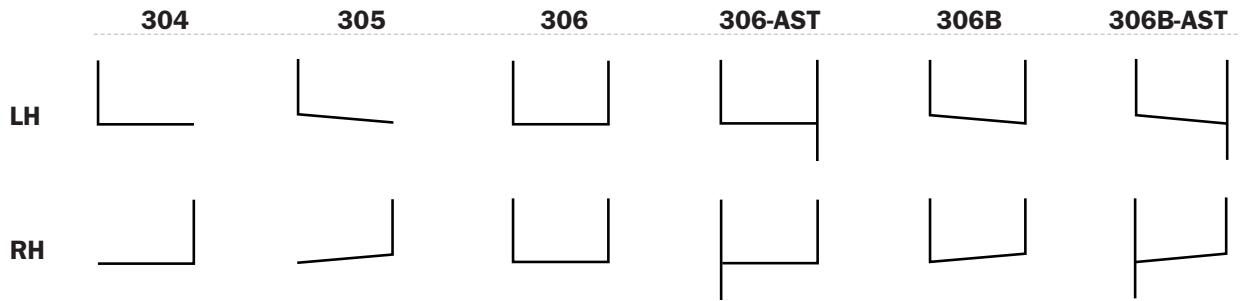
No. 307



* Modified leg lengths available.

Cutouts

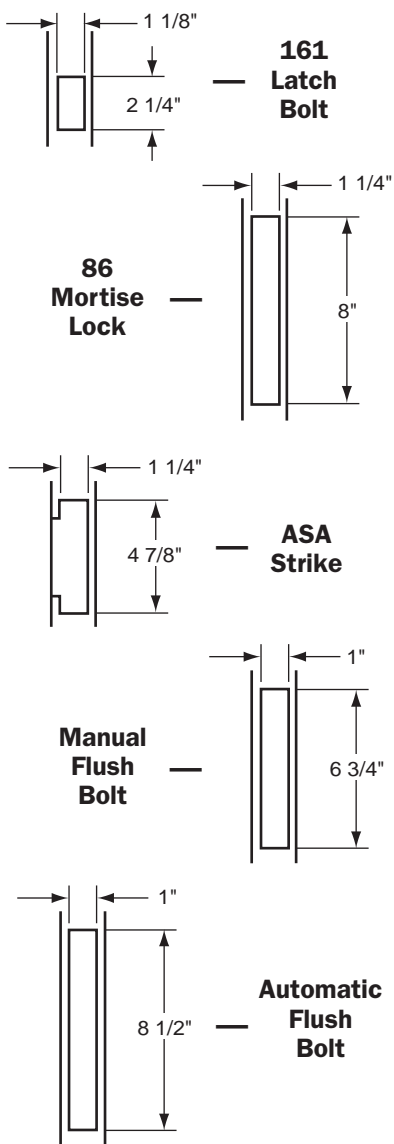
This drawing shows typical location of cutouts for full length door edges on lock edge of doors. Use this page as a worksheet or photocopy and fill in your dimensions.



Quantity _____

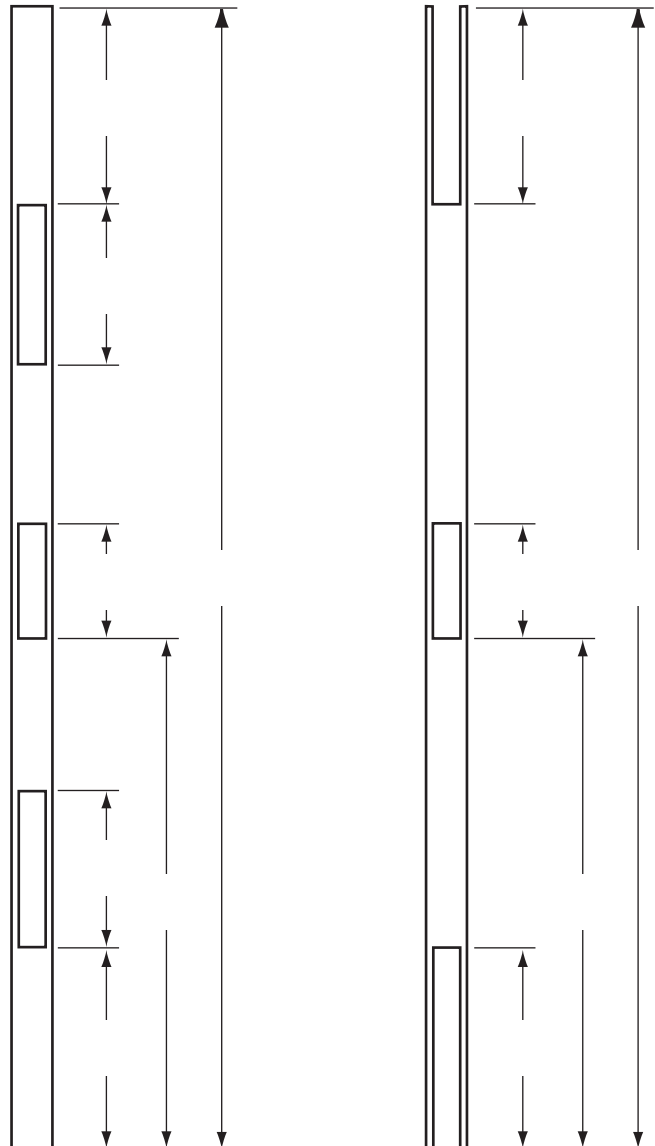
Tag. Nos. _____

For Use on 1 3/4" Doors



Top of Typical Metal Door

Top of Typical Wood Door



**Overlapping Door Edges
No. 308, 309, 310, 310S, 310B, 310BS**



Material: .050" Thick Brass, Bronze, Plain Steel, Stainless Steel

Finishes: Available in standard architectural finishes, US32D**B10**, US32D**316**, prime painted steel (see page 7).

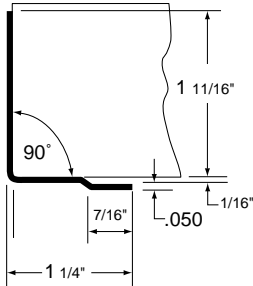
Fastener: #6 x 5/8 FH SMS

Ordering: Specify any length (standard length is 42"). Specify wood or metal door.

- Options:**
- UL fire rated listed for stainless steel - specify UL when ordering (310-UL).
 - Cutouts for flush bolts, lock strikes, locks, and hinges (see worksheets on pages C10-C12 for details on how to order).

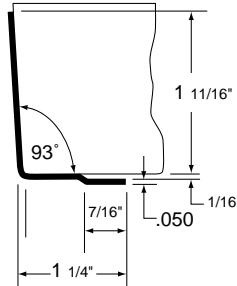
No. 308

ANSI 156.6 - J201



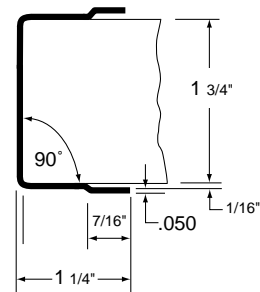
No. 309

ANSI 156.6 - J202



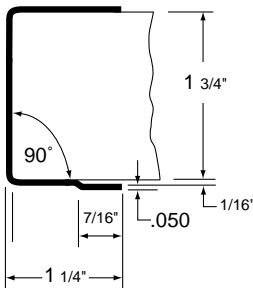
No. 310

ANSI 156.6 - J207



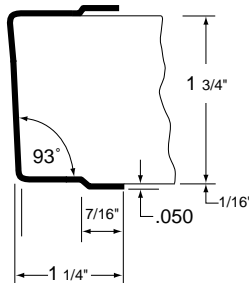
**No. 310S
(single side)**

ANSI 156.6 - J207



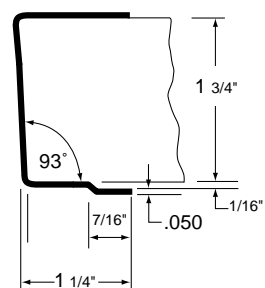
No. 310B

ANSI 156.6 - J208



**No. 310BS
(single side)**

ANSI 156.6 - J208



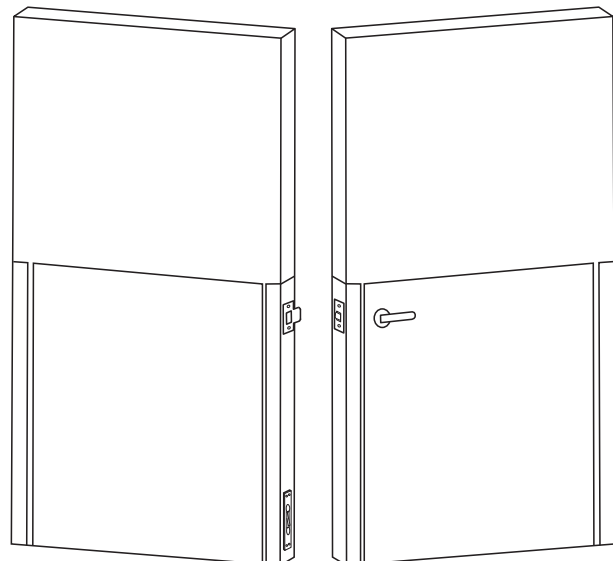
Ordering Instructions

The use of door edges and armor plates not only offers superior protection to expensive doors, it also adds an attractive and functional finishing touch. Armor plates and door edges are available in all architectural finishes. The following 2 pages are intended to help you determine the cutout locations required on armor plates and door edges. Follow the steps listed to assure complete consideration of all factors concerning cutout locations.

1. Determine the armor plate height. We recommend 48" high. If you cut holes for lock, make the armor plate high enough to provide at least 1/2" from edge of the top cutout to the top edge of the plate, or 1/2" above the top of the lock front when mortise lock is used. This prevents a cutout running out of the top edge of the plate.
2. Determine the armor plate width. Armor plates are usually mounted on the stop or push side of the door. Measure the net width of the door face and subtract the following depending on the type of door edges you specify:
 - a) non-mortise door edges = 2 5/8" (for 1/8" gap)
 - b) overlapping door edges = 2" (for 3/16" overlap)
 - c) no door edges - single door = 1 1/4"
 - d) no door edges - pairs of doors = 1" (without mullions)
3. List all hardware that will be mounted on the door. Identify those items that will require armor plate and/or door edge cutouts; i.e., lock spindle, cylinder, thumb piece, lock front and strike, flush bolts, hinges, louvers, lites.
4. Determine door undercut and location of armor plate and door edge to bottom of the door. We recommend mounting plates flush with the bottom of the door.
5. Determine location of all hardware cutout centerlines from the bottom of the armor plate.
6. Determine the backset of lock cutouts on the armor plate.

		Square Edge	Bevel Edge
a) with non-mortise door edges	lock backset minus	1 5/16"	1 3/8"
b) with overlapping door edges	lock backset minus	1"	1 1/16"
c) without door edges - single doors	lock backset minus	5/8"	1 1/16"
d) without door edges - pair of doors (without mullions)	lock backset minus	3/8"	7/16"

7. Specify the size of cutouts.
8. Determine the hand of the door. Armor plates are typically mounted on the stop or push side of the door. Function holes must be given special attention as they may not be required on reverse bevel doors.

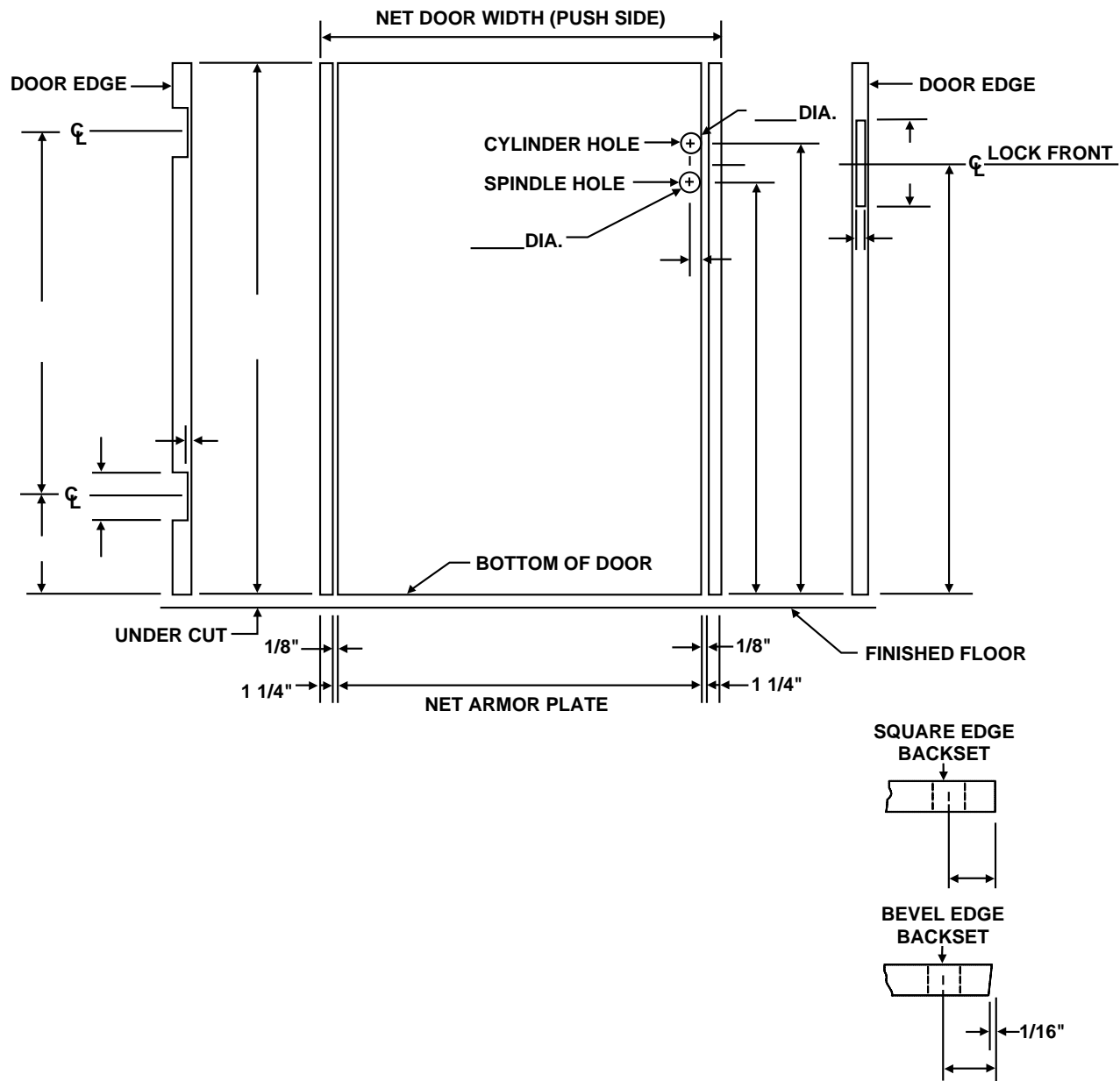


Cutouts

This drawing shows typical location of cutouts on armor plates and door edges. It also illustrates non-mortise door edges, but this can be used as a guide for armor plates with overlapping door edges or no door edges. Use this as a worksheet to make your own drawings or photocopy and fill in your dimensions.

For Hinge Cutouts: Be sure to allow for door undercut and location of edge on door if other than flush with bottom.

For Lock Trim Protection: Consider using a trim protector bar (see page C13-C17).

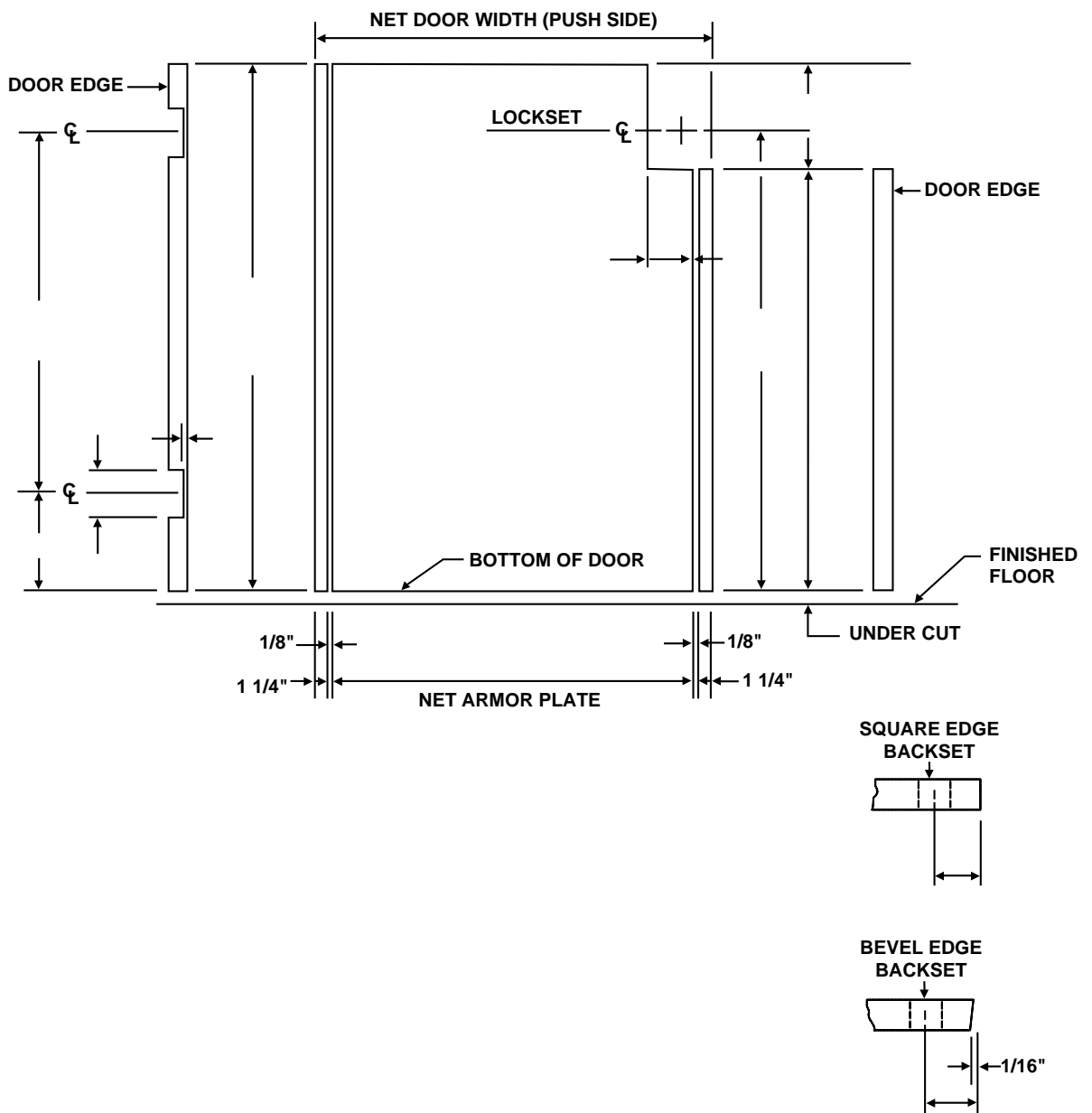


Cutouts

This drawing shows typical location of cutouts on armor plates and door edges. It also illustrates non-mortise door edges, but this can be used as a guide for armor plates with overlapping door edges or no door edges. Use this as a worksheet to make your own drawings or photocopy and fill in your dimensions.

For Hinge Cutouts: Be sure to allow for door undercut and location of edge on door if other than flush with bottom.

For Lock Trim Protection: Consider using a trim protector bar (see page C13-C17).



Solutions to Door and Trim Damage

Damage to doors and door trim (exit devices, knobs, levers, etc.) from hallway traffic such as carts and gurneys cost hospitals, schools and other institutions tens of thousands of dollars every year. The following 4 pages are Rockwood Manufacturing's line of **Unique, Patented Protection Products designed to prevent this damage**. Made from solid stainless steel the line is engineered to **deflect** traffic safely away from the door or trim.

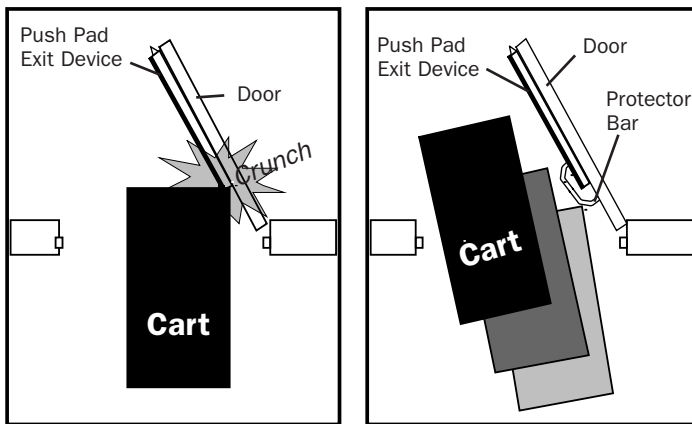
Our line of trim protector bars is designed to safely deflect traffic away from exit devices, door knobs/levers, or other trim. These bars are made from solid stainless steel and are available in both **standard duty** ($\frac{3}{16}$ inch) and **heavy duty** ($\frac{3}{8}$ inch) versions. The bars are mounted either directly below, over, or in front of the trim depending on the application. They are available in a variety of projections and center to centers to fit your needs. If you require custom designs our engineering department can work with you to meet your needs.

Choosing the correct protection bar:

1. **Determine traffic** - light to moderate use = SD Series, heavy use = HD Series
2. **Measure projections** - of exit device, door knob, etc.
3. **Review product dimensions** - to match bar to your specific needs.

⚠ WARNING: Do not locate protection bars where they can impede operation of exit devices.

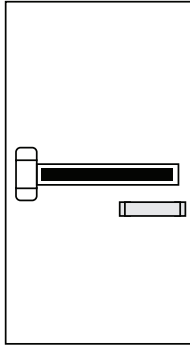
How They Work



Without Bar - Costly Damage

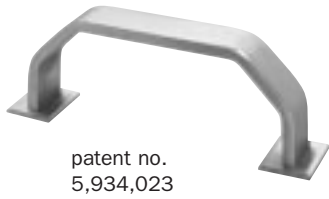
With Bar - Safely Deflected Away

Heavy Duty Application



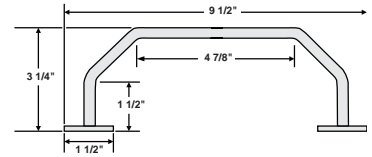
Application shown for product HD2230, HD2240, HD2250

**Heavy Duty Protector Bars
HD2230, HD2230M**



patent no.
5,934,023

- Material:** Stainless Steel
- Finishes:** US32D
- Fastener:** ¼-20 MS Thru Bolt
- Other:** Made to order sizes available.



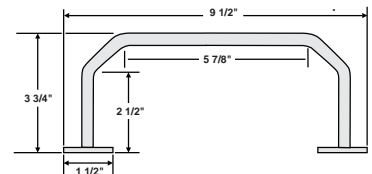
No.	CTC	Material Size	Projection	Weight
HD2230	8"	3/8" x 1 1/2"	3 3/4"	2.3 lbs.
HD2230M	specify	3/8" x 1 1/2"	3 3/4"	—

**Heavy Duty Protector Bars
HD2240, HD2240M**



patent no.
5,934,023

- Material:** Stainless Steel
- Finishes:** US32D
- Fastener:** ¼-20 MS Thru Bolt
- Other:** Made to order sizes available.



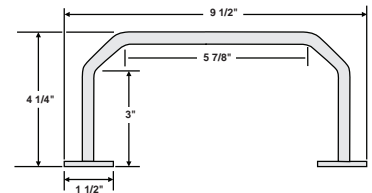
No.	CTC	Material Size	Projection	Weight
HD2240	8"	3/8" x 1 1/2"	3 3/4"	2.5 lbs.
HD2240M	specify	3/8" x 1 1/2"	3 3/4"	—

**Heavy Duty Protector Bars
HD2250, HD2250M**



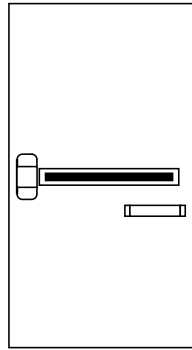
patent no.
5,934,023

- Material:** Stainless Steel
- Finishes:** US32D
- Fastener:** ¼-20 MS Thru Bolt
- Other:** Made to order sizes available.

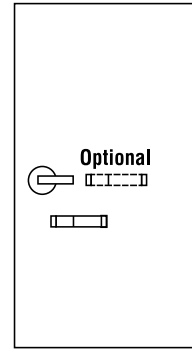


No.	CTC	Material Size	Projection	Weight
HD2250	8"	3/8" x 1 1/2"	4 1/4"	2.7 lbs.
HD2250M	specify	3/8" x 1 1/2"	4 1/4"	—

Standard Duty Applications



Application shown for product SD1230, SD1240, SD1250



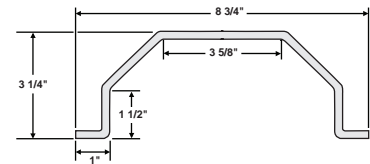
Application shown for product SD1260

Standard Duty Protector Bar No. SD1230



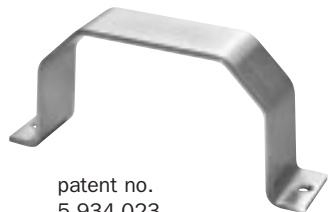
patent no. 5,934,023

Material: Stainless Steel
Finishes: US32D
Fastener: #10-24 MS and Sex Bolt



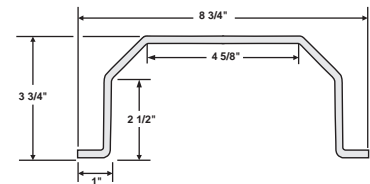
No.	CTC	Material Size	Projection	Weight
SD1230	8"	3/16" x 2"	3 1/4"	1.4 lbs.

Standard Duty Protector Bar No. SD1240



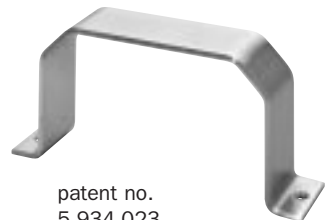
patent no. 5,934,023

Material: Stainless Steel
Finishes: US32D
Fastener: #10-24 MS and Sex Bolt



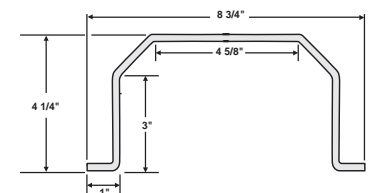
No.	CTC	Material Size	Projection	Weight
SD1240	8"	3/16" x 2"	3 3/4"	1.6 lbs.

Standard Duty Protector Bar No. SD1250



patent no. 5,934,023

Material: Stainless Steel
Finishes: US32D
Fastener: #10-24 MS and Sex Bolt

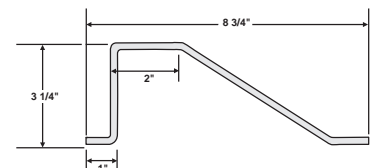


No.	CTC	Material Size	Projection	Weight
SD1250	8"	3/16" x 2"	4 1/4"	1.7 lbs.

Standard Duty Protector Bar No. SD1260

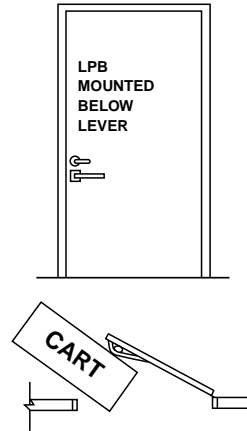
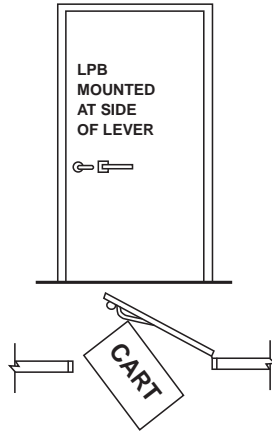


Material: Stainless Steel
Finishes: US32D
Fastener: #10-24 MS and Sex Bolt



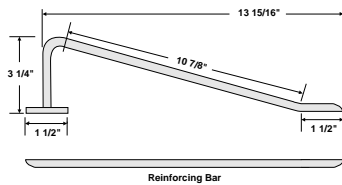
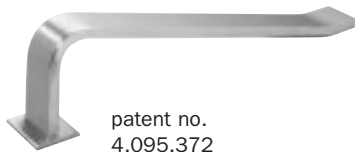
No.	CTC	Material Size	Projection	Weight
SD1260	8"	3/16" x 2"	3 1/4"	1.6 lbs.

Applications



Application shown for product R101LPB thru R115LPB

**Trim Protector Bars
No. R101LPB, R102LPB**



Material: Brass, Bronze, Stainless Steel

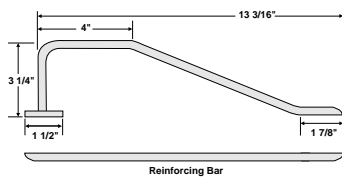
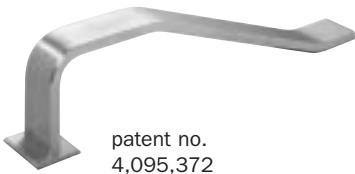
Finishes: Available in standard architectural finishes (see page 7).

Fastener: 1/4-20 MS Thru Bolt

Other: Made to order sizes available.

No.	CTC	Material Size	Weight
R101LPB	12"	3/8" x 1 1/2"	2.6 lbs.
R102LPB (with reinforcing bar)	12"	3/8" x 1 1/2"	4.6 lbs.

**Trim Protector Bars — Lever Handle
No. R111LPB, R112LPB**



Material: Brass, Bronze, Stainless Steel

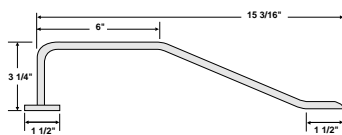
Finishes: Available in standard architectural finishes (see page 7).

Fastener: 1/4-20 MS Thru Bolt

Other: Made to order sizes available.

No.	CTC	Material Size	Weight
R111LPB	12"	3/8" x 1 1/2"	2.6 lbs.
R112LPB (with reinforcing bar)	12"	3/8" x 1 1/2"	4.6 lbs.

**Trim Protector Bar — Long Lever Handle
No. R115LPB**



Material: Brass, Bronze, Stainless Steel

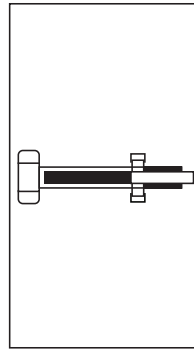
Finishes: Available in standard architectural finishes (see page 7).

Fastener: 1/4-20 MS Thru Bolt

Other: Made to order sizes available.

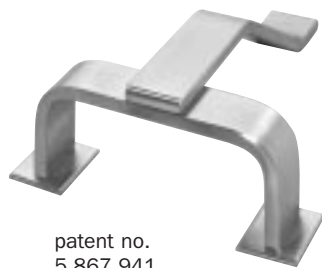
No.	CTC	Material Size	Weight
R115LPB	14"	3/8" x 1 1/2"	3.0 lbs.

EDP Application



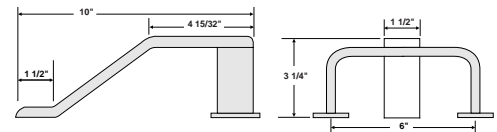
Application shown for product R116EDPL and R116EDPH. Field cutting hinge end of exit device is required.

**Exit Device Protector
No. R116EDPL**



patent no.
5,867,941

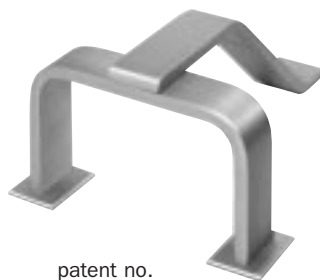
- Material:** Stainless Steel
- Finishes:** US32D
- Fastener:** 1/4-20 MS Thru Bolt
- Features:** Suitable for use with exit devices that project less than 2 3/8" from door face; i.e., Sargent® 80 series, Monarch® 17 series, and Precision® Apex series.



No.	CTC	Material Size	Projection	Weight
R116EDPL	8 1/2"	3/8" x 1 1/2"	3 1/4"	3.5 lbs.

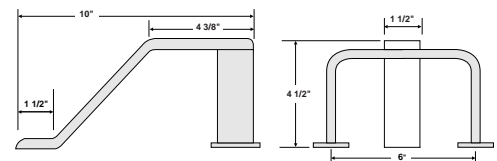
© Sargent 80 series is a registered trademark of SARGENT Manufacturing Company.
 © Monarch 17 series is a registered trademark of Ingersoll-Rand Company.
 © Precision Apex series is a registered trademark of Apex Machine Tool Company.

**Exit Device Protector
No. R116EDPH**



patent no.
5,867,941

- Material:** Stainless Steel
- Finishes:** US32D
- Fastener:** 1/4-20 MS Thru Bolt
- Features:** Suitable for use with exit devices that project less than 3 5/8" from door face; i.e., Von Duprin® 33, 98 and 99 series, Yale® 7000 series, Corbin Russwin® ED500 series.



No.	CTC	Material Size	Projection	Weight
R116EDPH	8 1/2"	3/8" x 1 1/2"	4 1/2"	3.7 lbs.

© VonDuprin 33, 98, and 99 series is a registered trademark of Ingersoll-Rand Company.
 © Yale 7000 series is a registered trademark of Yale Security Group.
 © Corbin Russwin ED500 series is a registered trademark of Corbin Russwin, Inc.

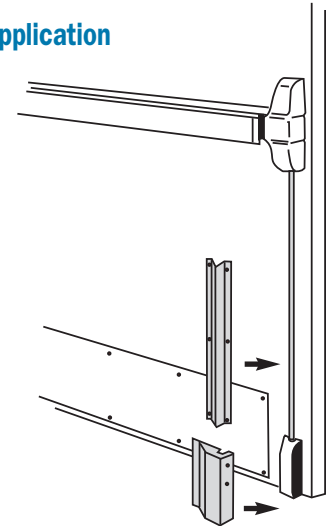
Vertical Rod Cover

The vertical rod cover (BFRC) is a sturdy channel made of .050" stainless steel (other finishes available) designed to fit over the vertical rod, protecting it from damage caused by carts, gurneys, etc. It is available in 12" and 24" lengths. Mounting is with sheet metal screws.

Latch Guard Cover

The latch guard cover (BFLG) is made of .062" material and is designed with a 45° ramp which when placed over the latch at the base of the door deflects traffic safely away. It meets ADA requirements for a "smooth bottom door surface". The BFLG is available in 10", 12", and 16" lengths and most architectural finishes. Machine screws are provided.

Application



Application shown for products BFRC and BFLG. Protects vertical rod and latch of exit device. Meets ADA "smooth surface" requirements.



**Vertical Rod Covers
No. BFRC12, BFRC24**

- Material:** .050" Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** #6 x 5/8 SMS
- Optional:** Made to order sizes available.

No.	Height	Width	Projection	Weight
BFRC12	12"	3 1/4"	1 5/8"	0.9 lbs.
BFRC24	24"	3 1/4"	1 5/8"	1.8 lbs.

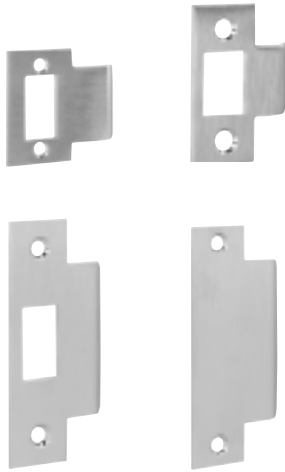


**Latch Guard Covers
No. BFLG10, BFLG12, BFLG16**

- Material:** .062" Brass, Bronze, Stainless Steel
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** 8-32 MS; WS available on request.
- Ordering:** Specify handing.
- Optional:** Made to order sizes available.

No.	Height	Width	Projection	Weight
BFLG10	10"	6"	2 3/8"	1.6 lbs.
BFLG12	12"	6"	2 3/8"	1.9 lbs.
BFLG16	16"	6"	2 3/8"	2.5 lbs.

No. CS4



Material: .090" Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

Fastener: #12 WS or 12-24 MS for 4⁷/₈" and 5³/₄"; #8 for smaller strikes.

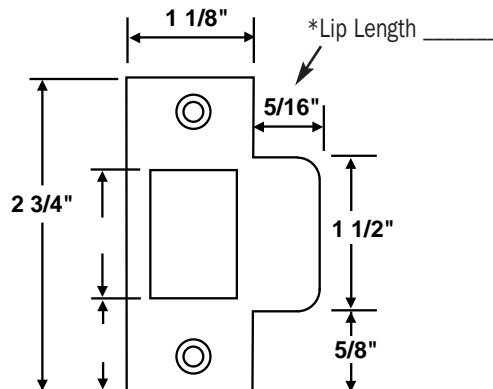
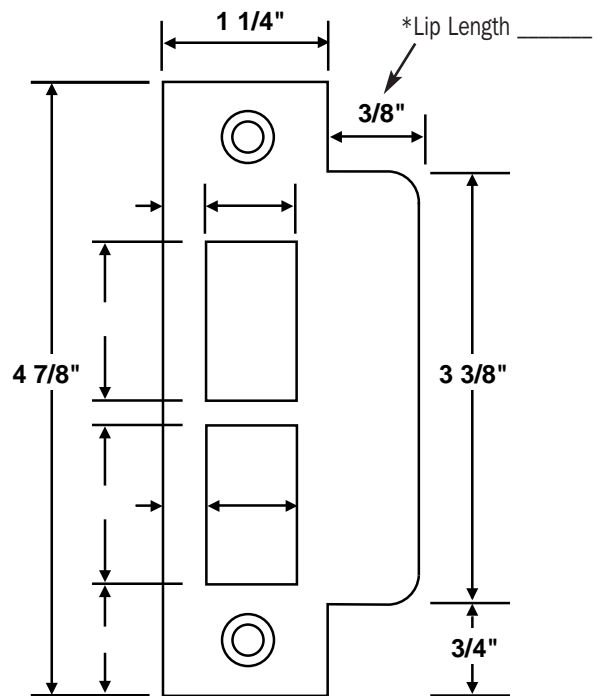
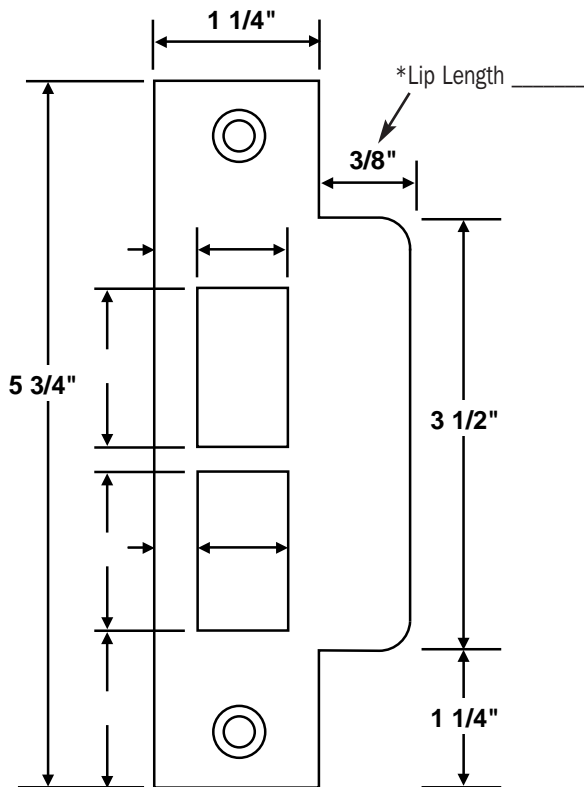
Ordering:

- Specify product number CS4,
- Dimensions,
- Quantity (LH and/or RH),
- Type of lip (flat or curved),
- Finish,
- Type of screws (MS or WS).

Other: Common bolt hole sizes are: 1¹/₁₆" x 1¹/₄" and 3³/₄" x 1¹/₄"; other sizes available.

Options:

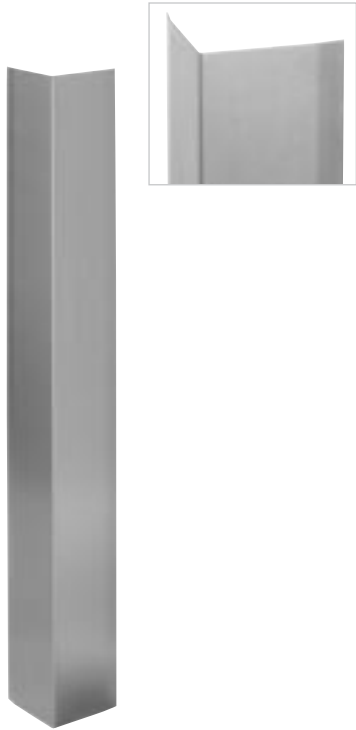
- Available in .050", .062", or .125" thickness.
- TORX - security torx screws.
- Finish on both sides.
- Custom filler plates available.



* Extra lip length available; write in desired dimension.

NOTE: Any dimensions are possible. Fax your drawing to the factory at 800-922-9212.

**Corner Guards
No. 290, 291**



Material: .050" Brass, Bronze, Stainless Steel

Finishes: Available in standard architectural finishes (see page 7).

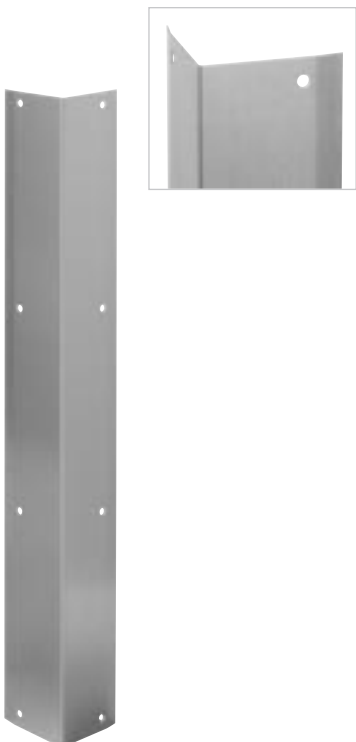
Mounting: Self-adhesive mounting.

Ordering: Specify size.

Other: Other lengths available up to 96", leg widths up to 6".

No.	Standard Sizes	Top Corners	Weight
290	2" x 2" x 40"	square	2.4 lbs.
	2" x 2" x 48"		2.8 lbs.
	3" x 3" x 40"		3.5 lbs.
	3" x 3" x 48"		4.2 lbs.
291	2" x 2" x 40"	rounded	2.4 lbs.
	2" x 2" x 48"		2.8 lbs.
	3" x 3" x 40"		3.5 lbs.
	3" x 3" x 48"		4.2 lbs.

**Corner Guards
No. 295, 296**



Material: Brass, Bronze, Stainless Steel, Clear Plastic

Finishes: Available in standard architectural finishes (see page 7).

Thickness: .050" available in brass, bronze, or stainless steel.
.125" available in break/scratch resistant clear plastic.

Fastener: #6 x 5/8 SMS

Ordering: Specify size.

Other: Other lengths available up to 96", leg widths up to 6".

No.	Standard Sizes	Top Corners	Weight
295	2" x 2" x 40"	square	2.4 lbs.
	2" x 2" x 48"		2.8 lbs.
	3" x 3" x 40"		3.5 lbs.
	3" x 3" x 48"		4.2 lbs.
296	2" x 2" x 40"	rounded	2.4 lbs.
	2" x 2" x 48"		2.8 lbs.
	3" x 3" x 40"		3.5 lbs.
	3" x 3" x 48"		4.2 lbs.

**Latch Protector
No. 320**



- Material:** Steel, Stainless Steel
- Finishes:** US2C (cadmium plated), US32D
- Fastener:** 5/16"-18 Carriage Bolts and Hex Drive Sex Nuts.
- Ordering:** Product number and finish.
- Features:** Jamb pin prevents prying of door. Non-handed.

No.	Material Size	Thickness	Lock Type	Weight
320	3" x 11"	.105"	cylindrical or mortise	1.2 lbs.

**Latch Protectors
No. 320C, 320CL**

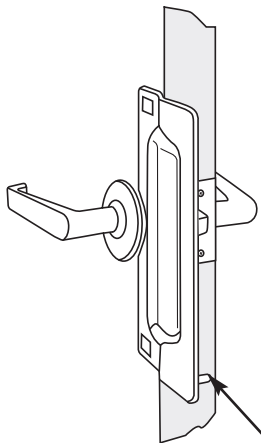


320C



320CL

- Material:** Steel, Stainless Steel
- Finishes:** US2C (cadmium plated), US32D
- Fastener:** 5/16"-18 Carriage Bolts and Hex Drive Sex Nuts.
- Ordering:** Product number and finish.
- Features:** Jamb pin prevents prying of door. Non-handed.
No. 320C: Notched for 2 1/8" or less diameter rose on cylindrical lockset.
No. 320CL: Notched for 2 1/4" - 3 1/4" diameter rose on cylindrical lockset.



Jamb Pin

No.	Material Size	Thickness	Lock Type	Weight
320C	3" x 11"	.105"	cylindrical	1.2 lbs.
320CL	3" x 11"	.105"	cylindrical	1.2 lbs.

**Latch Protector
No. 321**



- Material:** Steel, Stainless Steel
- Finishes:** US2C (cadmium plated), US32D
- Fastener:** 5/16-18 Carriage Bolts and Hex Drive Sex Nuts.
- Ordering:** Product number and finish.
- Features:** Fits rose or escutcheon 3½" wide or less. Non-handed.

No.	Material Size	Thickness	Lock Type	Weight
321	1½" x 10"	.105"	mortise	0.7 lbs.

**Latch Protector
No. 322**



- Material:** Steel, Stainless Steel
- Finishes:** US2C (cadmium plated), US32D
- Fastener:** ¼-20 Carriage Bolts and Hex Drive Sex Nuts.
- Ordering:** Product number and finish.
- Features:** Compact size. Non-handed.

No.	Material Size	Thickness	Lock Type	Weight
322	1½" x 6"	.105"	cylindrical	1.1 lbs.



**Door Stops and Holders
from Rockwood**

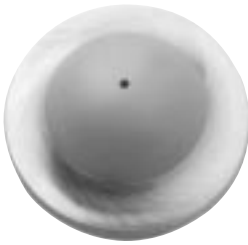
DuraFlex[®] Bumpers

- *Non-yellowing*
- *Age-resistant*
- *Firm and Resilient*
- *Gray Pebble Finish*

Beautiful Finishes

ROCKWOOD

**Solid Cast Wall Stops
No. 400, 401, 402**



Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: Concealed mounting, convex bumper. Back plate prevents damage to wall.

No.	Bumper	Fastener	Size	Weight	ANSI A156.16
400	Convex	#6 x 1½ FH SMS, plastic toggle	2 ⁷ / ₁₆ " dia., ¾" projection	3.3 lbs./10	L02101
401	Convex	#8 x 1 RH WS, plastic anchor	2 ⁷ / ₁₆ " dia., ¾" projection	3.3 lbs./10	L02101
402	Convex	8-32 x 1 TH MS, lead anchor	2 ⁷ / ₁₆ " dia., ¾" projection	3.3 lbs./10	L02101

**Solid Cast Wall Stops
No. 403, 404, 405**



Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: Concealed mounting, concave bumper. Back plate prevents damage to wall.

No.	Bumper	Fastener	Size	Weight	ANSI A156.16
403	Concave	#6 x 1½ FH SMS, plastic toggle	2 ⁷ / ₁₆ " dia., ¾" projection	3.3 lbs./10	L02251
404	Concave	#8 x 1 RH WS, plastic anchor	2 ⁷ / ₁₆ " dia., ¾" projection	3.3 lbs./10	L02251
405	Concave	8-32 x 1 TH MS, lead anchor	2 ⁷ / ₁₆ " dia., ¾" projection	3.3 lbs./10	L02251

**Wrought Wall Stops
No. 406, 407, 408**



Material: Wrought Brass, Bronze, and Stainless Steel with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: Concealed mounting, convex bumper. Back plate prevents damage to wall.

No.	Bumper	Fastener	Size	Weight	ANSI A156.16
406	Convex	#8 x 1¼ TH SMS, plastic toggle	2½" dia., ¾" projection	1.8 lbs./10	L02101
407	Convex	#8 x 1 RH WS, plastic anchor	2½" dia., ¾" projection	1.8 lbs./10	L02101
408	Convex	8-32 x 1 TH MS, lead anchor	2½" dia., ¾" projection	1.8 lbs./10	L02101

**Wrought Wall Stops
No. 409, 410, 411**



Material: Wrought Brass, Bronze, and Stainless Steel with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: Concealed mounting, concave bumper. Back plate prevents damage to wall.

No.	Bumper	Fastener	Size	Weight	ANSI A156.16
409	Concave	#8 x 1¼ TH SMS, plastic toggle	2½" dia., ¾" projection	1.8 lbs./10	L02251
410	Concave	#8 x 1 RH WS, plastic anchor	2½" dia., ¾" projection	1.8 lbs./10	L02251
411	Concave	8-32 x 1 TH MS, lead anchor	2½" dia., ¾" projection	1.8 lbs./10	L02251

**Wrought Wall Stop
No. 426**



Material: Wrought Brass and Stainless Steel with DuraFlex Bumper

Finishes: US3, US32D

Other: Concealed mounting.

No.	Bumper	Fastener	Size	Weight	ANSI A156.16
426	Concave	#8 x 1¼ TH SMS, plastic toggle and plastic anchor	1⅞" dia., 1" projection	2.3 lbs./10	L02251

**Solid Cast Wall Stop
No. 430**



- Material:** Solid Brass with DuraFlex Bumper
- Finishes:** Available in standard architectural finishes (see page 7).
- Features:**
- Compact design for use on hotel bathroom doors swinging into the tub area, or where an inconspicuous bumper is desired.
 - Concealed mounting.

No.	Bumper	Fastener	Size	Weight	ANSI A156.16
430	Convex	#6 x 3/4 OH SMS, plastic anchor	1" dia., 7/16" projection	1.0 lbs./10	L02101

**Wall Stop
No. 431**



- Material:** Gray DuraFlex Bumper
- Finishes:** Gray
- Features:** Economical bumper for applications where a completely concealed mounting is not required.

No.	Bumper	Fastener	Size	Weight	ANSI
431	Concave	#8 x 1 1/4 TR SMS, #8 flat washer, plastic toggle	1 9/16" dia., 15/16" projection	1.0 lbs./10	—

**Wall Stop
No. 432W**



- Material:** White DuraFlex Bumper
- Finishes:** White
- Features:**
- Economical.
 - Self-adhesive mounting.

No.	Bumper	Fastener	Size	Weight	ANSI
432W	Concave	self-adhesive tape	1 9/16" dia., 7/16" projection	1.0 lbs./10	—

**Low Dome Stops
No. 440, 441**



Material: Solid Cast Brass with DuraFlex Bumper
Finishes: Available in standard architectural finishes (see page 7).
Other: No. 441 is packed with both WS and MS fasteners.
Features: For doors without thresholds (not undercut).

No.	Fastener	Base	Height	Weight	ANSI A156.16
440	#12 x 1¼ FH WS, plastic anchor	¼" h x 2" dia.	1⅞"	2.1 lbs./10	L02141
441	#12 x 1½ FH WS, plastic anchor; 12-24 x 1½ FH MS, lead anchor	¼" h x 2" dia.	1⅞"	2.5 lbs./10	L02141

**Dome Stop Combination Unit
No. 441CU**



Material: Solid Cast Brass with DuraFlex Bumper
Finishes: Available in standard architectural finishes (see page 7).
Other: Set consists of 1 each No. 441 and 1 each No. 444. For use at doors with or without a threshold.
Features: Convertible for undercut or not undercut doors.

No.	Fastener	Base	Height	Weight	ANSI A156.16
441CU	dome stop: ¼" h x 2" dia. riser: ⅜" h x 2" dia.	N/A	1⅞" or 1½"	3 lbs./10	L02141/ L02161

**High Dome Stops
No. 442, 443**



Material: Solid Cast Brass with DuraFlex Bumper
Finishes: Available in standard architectural finishes (see page 7).
Other: No. 443 is packed with both WS and MS fasteners.
Features: For doors with thresholds or undercut doors.

No.	Fastener	Base	Height	Weight	ANSI A156.16
442	#12 x 1½ FH WS, plastic anchor	½" h x 2" dia.	1½"	2.8 lbs./10	L02161
443	#12 x 1½ FH WS, plastic anchor; 12-24 x 1 FH MS, lead anchor	½" h x 2" dia.	1½"	3.2 lbs./10	L02161



**Cast Door Stop Riser
No. 444**

Material: Solid Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Other: For use with the No. 440 and No. 441 low dome stops to convert to high dome stops.

No.	Base	Projection	Weight
444	3/8" h x 2" dia.	3/8"	10 ozs./10



**Door Stop Riser
No. 449**

Material: Aluminum

Finishes: Mill Aluminum or Painted to Match

Ordering: Specify finish and thickness; 1/4", 3/8", 1/2", 5/8", 3/4", 1"

Other: Full size carpet riser provides sturdy base for mounting the No. 440 or No. 442 dome stop.

No.	Fastener	Base	Weight
449	#12 WS, plastic anchor	2" dia.	1.6 lbs./10



**Heavy Duty Door Stop
No. 445**

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: Extra heavy duty dome type stop for heavy and high frequency doors.

No.	Fastener	Base	Height	Weight
445	2 ea. #12 x 1 1/2 FH SMS, plastic anchor; 12-24 x 1 FH MS, lead anchor	2" x 4"	1 1/2"	5.5 lbs./10



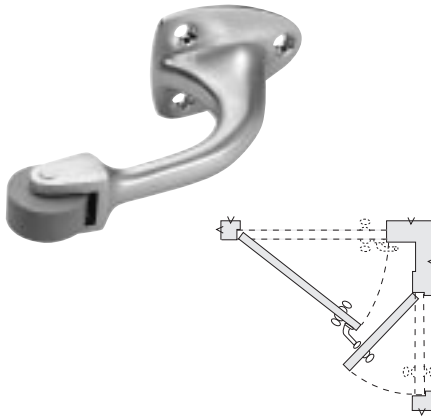
**Door Stop
No. 446**

Material: Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: Modern style universal stop.

No.	Fastener	Base	Height	Weight
446	#12 x 1 1/2 WS, plastic anchor; 12-24 x 1 FH MS, lead anchor	1 1/4"	1 1/2"	0.5 lbs.



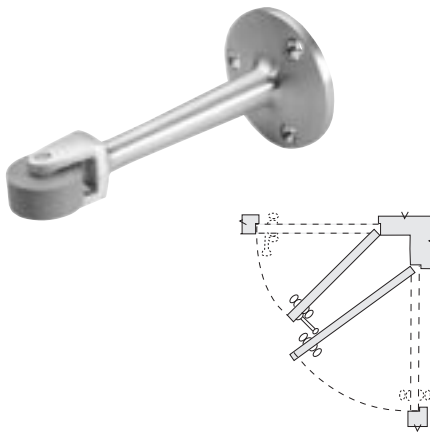
**Curved Roller Stop
No. 455**

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: For use where doors swing into each other at odd angles.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
455	3 ea. #8 x 3/4 OH SMS	1 5/8" x 2 1/4"	3"	5.6 lbs./10	L02211



**Straight Roller Stop
No. 456**

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: For use where doors swing into each other at right angles.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
456	3 ea. #8 x 3/4 OH SMS	2" dia.	4 9/16"	5.3 lbs./10	L02191



**Straight Roller Stop
No. 456L**

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features: For use where doors swing into each other at right angles.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
456L	3 ea. #8 x 3/4 OH SMS	2" dia.	6 1/4"	5.3 lbs./10	L02191



**Kick Down Door Stop
No. 458**

Material: Cast Zinc with DuraFlex Bumper

Finishes: Available in Bright Brass (BRS), Dull Bronze (BRZ), and Bright Chrome Plate (CRM).

Features:

- Uses replacement bumper 461B.
- DuraFlex bumper provides reliable grip on floor.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
458	3 ea. #8 x 1 OH SMS	1 ⁵ / ₈ " x 1 ⁷ / ₈ "	4"	3.3 lbs./10	L01382



**Spring Loaded Plunger Stop
No. 459**

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Features:

- Uses replacement bumper 461B.
- Foot operated, spring loaded.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
459	3 ea. #8 x 3/4 OH SMS	1 ³ / ₈ " x 5 ³ / ₈ "	1 ⁷ / ₈ "	13.3 lbs./10	L01411



**Kick Down Door Stop
No. 460**

Material: Solid Cast Aluminum with DuraFlex Bumper

Finishes: Spray painted Silver (ALM), Brass (BRS), Bronze (BRZ) or Brown to match US10B (ORB).

Features:

- Uses replacement bumper 461B.
- DuraFlex bumper provides reliable grip on floor.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
460	4 ea. #8 x 1 FH SMS	2 ³ / ₁₆ " x 1 ³ / ₈ "	4"	2.7 lbs./10	L01382

**Kick Down Door Stop
No. 461**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - DuraFlex bumper provides reliable grip on floor.
 - A unique patent assembly (#383989) that conceals the axle pin in the base.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
461	4 ea. #8 x 3/4 OH SMS	2 1/4" x 1 1/4"	3 5/8"	6.1 lbs./10	L01382

**Kick Down Door Stop
No. 461L**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - DuraFlex bumper provides reliable grip on floor.
 - A unique patent assembly (#383989) that conceals the axle pin in the base.
 - For use with doors up to 3" door-to-floor clearance.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
461L	4 ea. #8 x 3/4 OH SMS	2 1/4" x 1 1/4"	4 5/8"	7.1 lbs./10	L01382

**Heavy Duty Door Stop
No. 462**



Material: Flame Resistant High Impact Bumper.
Finishes: US2C
Mounting: Drill 1" diameter x 2½" deep hole, fill with anchoring grout.

No.	Size	Mounting Bolt	Weight
462	2"d x 1½"h	½" x 2½"	0.6 lbs.

**Heavy Duty Door Stop
No. 463**



Material: Flame Resistant High Impact Bumper.
Finishes: US4, US26D, US32D
Mounting: Drill 1" diameter x 2½" deep hole, fill with anchoring grout.
Other: Replaceable bumper retained by security torx MS.

No.	Size	Mounting Bolt	Weight
463	2"d x 1¾"h	½" x 2½"	0.5 lbs.

**Heavy Duty Door Stop with Holder
No. 464**



Material: Cast Brass and Black Rubber Bumper.
Finishes: US26D
Mounting: Body: 1 ea. ½ x 4½ Lag Bolt
 1 ea. Lead Shield
 2 ea. #8 x 1¼ FH SMS
 Cap: 1 ea. 8-32 x ¾ RH MS
Features: Offers maximum protection needed for heavily used doors. Supplied with holder and catch.

No.	Size	Weight
464	3"d x 3"h	1.8 lbs.



**Heavy Duty Door Stop
No. 465**

Material: Wrought Brass and Black Rubber Bumper.

Finishes: US26D

Mounting: Body: 1 ea. ½ x 4½ Lag Bolt
1 ea. Lead Shield

Cap: 1 ea. 8-32 x ¾ RH MS

Features: Offers maximum protection needed for heavily used doors.

No.	Size	Weight
465	3"d x 2½"h	1.3 lbs.



**Heavy Duty Door Stop
No. 466**

Material: Flame Resistant Molded Rubber Bumper.

Finishes: Black

Mounting: Drill 1" diameter x 2½" deep hole, fill with anchoring grout.

Features:

- Ideal for use in high vandalism or security areas.
- No exposed fasteners.

No.	Size	Mounting Bolt	Weight
466	2"d x 1½"h	½" x 2½"	0.6 lbs.



**Heavy Duty Door Stop
No. 467**

Material: Flame Resistant Molded Rubber Bumper.

Finishes: Black

Mounting: Drill 1" diameter x 2½" deep hole, fill with anchoring grout.

Features:

- Suitable for concrete floor or wall mounting.
- Ideal for use in high vandalism or security areas.
- No exposed fasteners.

No.	Size	Mounting Bolt	Weight
467	2"d x 3½"h	½" x 2½"	0.9 lbs.

**Door Stops
No. 470, 471**



No. 471

Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

No.	Fastener	Base	Height	Weight	ANSI A156.16
470	3 ea. #12 x 1¼ FH WS; 3 ea. plastic anchors	2½" dia.	3"	0.7 lbs.	L02121
471	1 ea. 5/16 - 18 x 1¾ stud, lead anchor; #8 x ¾ OH SMS, plastic anchor	2½" dia.	3"	0.7 lbs.	L02131

**Door Stops with Keepers
No. 472, 473**



No. 473

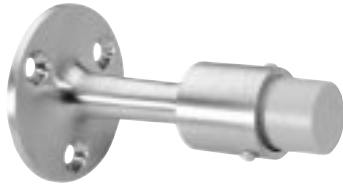
Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Other: Keeper size 1"w x 1¾"h.

No.	Fastener	Base	Height	Weight	ANSI A156.16
472	3 ea. #12 x 1¼ FH WS; 3 ea. plastic anchors	2½" dia.	3¾"	0.9 lbs.	L01361
Keeper	2 ea. #12 x 1¼ FH WS, 2 ea. plastic anchors				
473	5/16 - 18 x 1¾ stud, lead anchor; #8 x ¾ OH SMS, plastic anchor	2½" dia.	3¾"	0.9 lbs.	L01371
Keeper	2 ea. #12 x 1¼ FH WS, 2 ea. plastic anchors				

**Door Stops
No. 474, 475**



No. 474

Material: Cast Brass with DuraFlex Bumper.

Finishes: Available in standard architectural finishes (see page 7).

No.	Fastener	Base	Height	Weight	ANSI A156.16
474	3 ea. #12 x 1 ¹ / ₄ FH WS, 3 ea. plastic anchors	2 ¹ / ₄ " dia.	3 ³ / ₄ "	0.6 lbs.	L02011
475	1 ea. ⁵ / ₁₆ - 18 x 1 ³ / ₄ stud, lead anchor; #8 x ³ / ₄ OH SMS, plastic anchor	2 ¹ / ₄ " dia.	3 ³ / ₄ "	0.6 lbs.	L02021

**Door Stops with Keepers
No. 476, 477**



No. 476

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

Other: Keeper size 1"w x 1³/₄"h.

No.	Fastener	Base	Height	Weight	ANSI A156.16
476	3 ea. #12 x 1 ¹ / ₄ FH WS, 3 ea. plastic anchors	2 ¹ / ₂ " dia.	3 ³ / ₄ "	0.8 lbs.	L01341
Keeper	2 ea. #12 x 1 ¹ / ₄ FH WS, 2 ea. plastic anchors				
477	⁵ / ₁₆ - 18 x 1 ³ / ₄ stud, lead anchor; #8 x ³ / ₄ OH SMS, plastic anchor	2 ¹ / ₂ " dia.	3 ³ / ₄ "	0.8 lbs.	L01351
Keeper	2 ea. #12 x 1 ¹ / ₄ FH WS, 2 ea. plastic anchors				

**Door Stops
No. 480, 481**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - Heavy duty and ideal for use on heavy doors or in high traffic areas.

No.	Fastener	Base	Height	Weight
480	3 ea. #12 x 1¼ FH WS, 3 ea. plastic anchors	2½" x 1¾"	1⅝"	5.8 lbs./10
481	3 ea. 12-24 x 1 FH MS, 3 ea. lead anchors	2½" x 1¾"	1⅝"	5.8 lbs./10

**Door Stops
No. 480H, 481H**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - Heavy duty and ideal for use on heavy doors or in high traffic areas.

No.	Fastener	Base	Height	Weight
480H	3 ea. #12 x 1¼ FH WS, 3 ea. plastic anchors	2½" x 1¾"	2¼"	6.2 lbs./10
481H	3 ea. 12-24 x 1 FH MS, 3 ea. lead anchors	2½" x 1¾"	2¼"	6.2 lbs./10

**Door Stop
No. 482**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - Heavy duty and ideal for use on heavy doors or in high traffic areas.

No.	Fastener	Base	Height	Weight	ANSI A156.16
482	5/16-18 x 1 3/4 stud, lead anchor; #12 x 1 1/4 FH WS, plastic anchor	1 1/2" x 2 1/2"	2 1/8"	6.5 lbs./10	L02131

**Door Stop
No. 483**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - Heavy duty and ideal for use on heavy doors or in high traffic areas.

No.	Fastener	Base	Height	Weight	ANSI A156.16
483	5/16-18 x 1 3/4 stud, lead anchor; #12 x 1 1/4 FH WS, plastic anchor	1 5/8" x 2 5/8"	2 3/4"	6.7 lbs./10	L02131

**Door Stop with Keeper
No. 485**



Material: Solid Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

- Features:**
- Uses replacement bumper 461B.
 - Heavy duty and ideal for use on heavy doors or in high traffic areas.

No.	Fastener	Base	Height	Weight	ANSI A156.16
485	5/16-18 x 1 3/4 stud, lead anchor; #12 x 1 1/4 FH WS, plastic anchor	1 5/8" x 2 5/8"	3"	7.8 lbs./10	L01371
Keeper	2 ea. #10 x 1 FH SMS	1" x 2"			



**Angle Door Stop
No. 486**

Material: Steel with DuraFlex Bumper

Finishes: US2C

Features: For undercut doors up to 1½".

No.	Fastener	Base	Height	Weight
486	2 ea. #12 x 1½ FH SMS, 2 ea. plastic anchors	1" x 2½"	2⅝"	4 lbs./10



**Heavy Duty Wall Stop
No. 487**

Material: Solid Cast Brass with DuraFlex Bumper

Finishes: US26D

Options: MS and anchors.

Features: Sloping design resists vandalism.

No.	Fastener	Base	Height	Weight
487	3 ea. #10 x 1 FH SMS, 3 ea. plastic anchors	2⅛" x 2⅞"	3½"	0.8 lbs.



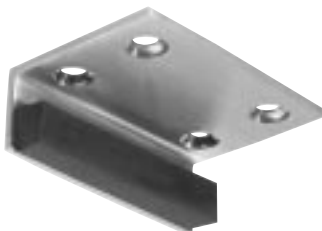
**Door Stop
No. 488**

Material: Solid Brass

Finishes: Available in standard architectural finishes (see page 7).

Features: For single doors.

No.	Fastener	Base	Height	Weight
488	2 ea. #12 x 1½ FH WS, 2 ea. plastic anchors; 2 ea. 12-24 x 1 FH MS	1½" x 2"	1"	2.2 lbs./10



**Door Stop
No. 489**

Material: Solid Brass

Finishes: Available in standard architectural finishes (see page 7).

Features: For single or pair of doors.

No.	Fastener	Base	Height	Weight
489	4 ea. #12 x 1½ FH WS, 2 ea. plastic anchors; 4 ea. 12-24 x 1 FH MS	3" x 2"	1"	4.1 lbs./10



**Door Holder & Stop
No. 490**

Material: Cast Brass

Finishes: US26D

Other: Holder base: 2¾" w x 2½" h
Holder projection: 2⅛"
Strike base: 1" w x 2" h
Strike projection: 2"

No.	Fastener	Weight	ANSI A156.16
490	5 ea. #8 x 1 OH SMS, 3 ea. plastic anchors; 3 ea. 8-32 x 1¼ FH MS	0.8 lbs.	L01291

**Automatic Door Holder & Stop
No. 491, 491R, 491S**



Material: Cast Brass

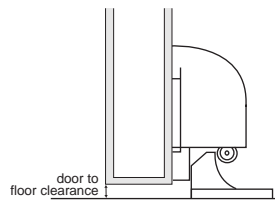
Finishes: Available in standard architectural finishes (see page 7).

Other: Holder base: 2¾" w x 2½" h
Holder projection: 2⅛"
Strike base: 4" w x 2" h
Strike projection: 1¼" h

Options: Strike risers available for larger clearances.

Features:

- For applications requiring door hold-open on a frequent basis.
- Screw hole design allows for precise alignment and then permanent attachment.



No.	Fastener	Strike	Clearance	Weight	ANSI A156.16
491	Strike: 3 ea. #12 x 1¼ FH WS, 3 ea. plastic anchors Body: 4 ea. #10 x 1¼ FH WS	floor	½" or less door to floor	1.5 lbs.	L01301
491R	Strike: 3 ea. 12-24 x 1 FH MS, 3 ea. lead anchors Body: 4 ea. #10 x 1¼ FH WS	floor	½" or less door to floor	1.5 lbs.	L01301
491S	Strike: 3 ea. 12-24 x 1 FH MS, 3 lead anchors Body: 4 ea. 10-24 x 1 FH MS; 4 ea. 10-24 x 1⅜ sex bolt	floor	½" or less door to floor	1.5 lbs.	L01301

**Automatic Door Holder & Stop
No. 494, 494R, 494S**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Other: Holder base: 2³/₄"w x 2¹/₂"h
Holder projection: 2¹/₈"
Strike base: 2"w x 3"h
Strike projection: 3¹/₄"

Features:

- For applications requiring door-hold-open on a frequent basis.
- Screw hole design allows for precise alignment and then permanent attachment.

No.	Fastener	Strike	Clearance	Weight	ANSI A156.16
494	Strike: 3 ea. #12 x 1 ¹ / ₄ FH WS, 3 ea. plastic anchors Body: 4 ea.# 10 x 1 ¹ / ₄ FH WS	wall	3 ³ / ₄ " wall to door	1.7 lbs.	L01291
494R	Strike: 3 ea. 12-24 x 1 FH MS, 3 ea. lead anchors Body: 4 ea. #10 x 1 ¹ / ₄ FH WS	wall	3 ³ / ₄ " wall to door	1.7 lbs.	L01291
494S	Strike: 3 ea. 12-24 x 1 FH MS, 3 lead anchors Body: 4 ea. 10-24 x 1 FH MS; 4 ea. 10-24 x 1 ³ / ₈ sex bolt	wall	3 ³ / ₄ " wall to door	1.7 lbs.	L01291

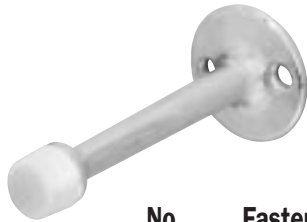


**Door Stops
No. 505, 508**

Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

No.	Fastener	Base	Projection	Weight	ANSI A156.16
505	10-24 x 1½ hanger bolt	1" dia.	3"	1.6 lbs./10	L02031
508	10-24 x 1½ hanger bolt	1" dia.	4"	2.2 lbs./10	L02031

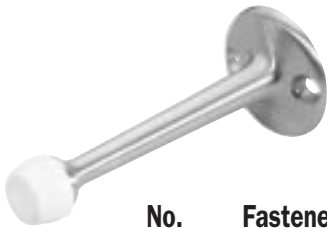


**Aluminum Door Stop
No. 517**

Material: Cast Aluminum with DuraFlex Bumper

Finishes: Bright Brass (BRS) and Burnished Aluminum (ALM)

No.	Fastener	Base	Projection	Weight	ANSI
517	2 ea. #8 x ¾ OH SMS	1½" dia.	3¾"	1.1 lbs./10	—



**Door Stop
No. 518**

Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

No.	Fastener	Base	Projection	Weight	ANSI
518	2 ea. #8 x ¾ OH SMS	1½" dia.	3¾"	2.7 lbs./10	—



**Door Stop
No. 519**

Material: Cast Brass with DuraFlex Bumper

Finishes: Available in standard architectural finishes (see page 7).

No.	Fastener	Base	Projection	Weight	ANSI A156.16
519	10-24 x 1½ hanger bolt	1¼" dia.	3¾"	2.5 lbs./10	L02031



**Replacement Bumper
No. 520**

Material: White DuraFlex Bumper

Weight: 0.7 lbs./10

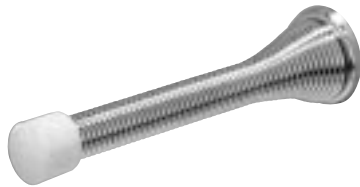
Other: Bumper replacement for No. 505, 508, 517, 518, 519.



**Spring Base Door Stop
No. 525**

Material: Spring Steel
Finishes: Antique Brass (ANT), Bright Brass (BRS), Bright Nickel (NP)
Features: Heavy spring construction for durable wear.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
525	6 x 3/4 SMS	1" dia.	3"	0.7 lbs./10	L02051



**Spring Base Door Stop
No. 526**

Material: Spring Steel
Finishes: Bright Brass (BRS)
Features: Heavy spring construction for durable wear.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
526	6 x 3/4 SMS	1" dia.	4"	0.8 lbs./10	L02061



**Heavy Duty Hinge Pin Stop
No. 528**

Material: Wrought Steel with Rubber Bumpers
Finishes: Antique Brass (ANT), Bright Brass (BRS), Bright Nickel (NP)
Features:

- Positive slip proof adjustment.
- Heavy wrought steel construction works with both 1/4" and 3/16" hinge pins.

No.	Door Opening Adjustment	Weight	ANSI A156.16
528	70° to 100°	1.3 lbs./10	L02223



**Medium Duty Concealed
Overhead Holders & Stops**

Material: Stainless Steel

Finishes: US32D

Fastener: Wood Door Jamb: 4 ea. #10 x 1½ FH WS
 Wood Door: 2 ea. #10 x 1½ RH WS
 Metal Door Jamb: 4 ea. 10-32 x ½ FH MS
 Metal Door: 2 ea. 10-32 x 1¼ RH MS

Ordering: Select product number by function desired and door size.

Other: Non-handed, maximum opening 110°, minimum door thickness 1⅜". For interior doors, single or double acting.

Features:

- Hold open can be disengaged to act as stop only.
- Product No. 14023 and No. 14024 are Warnock Hersey labeled.

No.	Function	Door Opening		Weight	ANSI A156.8
		Butts/Offset Pivots	Center Hung		
14013	hold open	30" - 35 ¹⁵ / ₁₆ "	32" - 37 ¹⁵ / ₁₆ "	1.8 lbs.	C04511
14014	hold open	36" - 48"	38" - 48"	2.0 lbs.	C04511
14023	stop only	30" - 35 ¹⁵ / ₁₆ "	32" - 37 ¹⁵ / ₁₆ "	1.8 lbs.	C04541
14024	stop only	36" - 48"	38" - 48"	2.0 lbs.	C04541
14033	friction	30" - 35 ¹⁵ / ₁₆ "	32" - 37 ¹⁵ / ₁₆ "	1.8 lbs.	C04531
14034	friction	36" - 48"	38" - 48"	2.0 lbs.	C04531



**Medium Duty Surface Mounted
Overhead Holders & Stops**

Material: Stainless Steel

Finishes: US32D

Fastener: Wood Door Jamb: 4 ea. #10 x 1½ FH WS
Wood Door: 2 ea. 10 x 32 x 1½ RH MS; 2 ea. 10-32 x 1⅝ Sex Bolt

Metal Door Jamb: 4 ea. 10-32 x ½ FH MS
Metal Door: 2 ea. 10 x 32 x 1½ RH MS; 2 ea. 10-32 x 1⅝ Sex Bolt

Ordering: Select product number by function desired and door size.

Other: Non-handed, maximum opening 110°, minimum door thickness 1⅜". For interior doors, single acting.

Features:

- Hold open can be disengaged to act as stop only.
- Product No. 14423 and No. 14424 are Warnock Hersey labeled.

Door Opening

No.	Function	Butts/Offset Pivots	Center Hung	Weight	ANSI A156.8
14411	hold open	18" - 23 ¹⁵ / ₁₆ "	22" - 27 ⁷ / ₁₆ "	1.8 lbs.	C05511
14412	hold open	24" - 29 ¹⁵ / ₁₆ "	27 ¹ / ₂ " - 33 ⁷ / ₁₆ "	2.0 lbs.	C05511
14413	hold open	30" - 35 ¹⁵ / ₁₆ "	33 ¹ / ₂ " - 38 ¹⁵ / ₁₆ "	1.8 lbs.	C05511
14414	hold open	36" - 48"	39" - 48"	2.0 lbs.	C05511
14421	stop only	18" - 23 ¹⁵ / ₁₆ "	22" - 27 ⁷ / ₁₆ "	1.8 lbs.	C05541
14422	stop only	24" - 29 ¹⁵ / ₁₆ "	27 ¹ / ₂ " - 33 ⁷ / ₁₆ "	2.0 lbs.	C05541
14423	stop only	30" - 35 ¹⁵ / ₁₆ "	33 ¹ / ₂ " - 38 ¹⁵ / ₁₆ "	1.8 lbs.	C05541
14424	stop only	36" - 48"	39" - 48"	2.0 lbs.	C05541
14431	friction	18" - 23 ¹⁵ / ₁₆ "	22" - 27 ⁷ / ₁₆ "	1.8 lbs.	C05531
14432	friction	24" - 29 ¹⁵ / ₁₆ "	27 ¹ / ₂ " - 33 ⁷ / ₁₆ "	2.0 lbs.	C05531
14433	friction	30" - 35 ¹⁵ / ₁₆ "	33 ¹ / ₂ " - 38 ¹⁵ / ₁₆ "	1.8 lbs.	C05531
14434	friction	36" - 48"	39" - 48"	2.0 lbs.	C05531



**Heavy Duty Surface Mounted
Overhead Holders & Stops**

Material: Steel and Stainless Steel

Finishes: US32D

Fastener: Wood Door Jamb: #14 x 1½ FH WS

Wood Door: 2 ea. ¼-20 x 2 FH MS; 2 ea. ¼-20 Grommet Nut;
1 ea. #14 x 1½ FH WS

Metal Door Jamb: 4 ea. ¼-20 x ¾ FH MS

Metal Door: 3 ea. ¼-20 x ¾ TH MS

Other: Non-handed, maximum opening 110°, minimum door thickness 1¼". 5" - 7" compression following hold open point. For exterior or interior doors, single acting.

No.	Function	Door Opening		Weight	ANSI A156.8
		Butts/Offset Pivots	Center Hung		
17012	hold open	35" - 40 ¹⁵ / ₁₆ "	38½" - 44 ³ / ₁₆ "	2.5 lbs.	C08511
17013	hold open	41" - 46 ¹⁵ / ₁₆ "	44¼" - 50 ³ / ₁₆ "	2.7 lbs.	C08511
17014	hold open	47" and greater	50¼" - 60"	2.9 lbs.	C08511



Heavy Duty Surface Mounted Overhead Holders & Stops

Material: Stainless Steel

Finishes: US32D

Fastener: Wood Door Jamb: #14 x 1½ FH WS
 Wood Door: 2 ea. 5/16-18 x 2 RH MS; 2 ea. 5/16-18 x 1 5/8 Sex Bolt
 Metal Door Jamb: 4 ea. ¼-20 x ¾ FH MS
 Metal Door: 2 ea. 5/16-18 x 2 RH MS; 2 ea. 5/16-18 x 1 5/8 Sex Bolt

Ordering: Select product number by function desired and door size.

Other: Non-handed, maximum opening 110°, minimum door thickness 1¾". 5" - 7" compression following hold open point. For exterior or interior doors, single acting.

Features:

- Hold open can be disengaged to act as stop only.
- Product No. 19023 and No. 19024 are Warnock Hersey labeled.

Door Opening

No.	Function	Door Opening		Weight	ANSI A156.8
		Butts/Offset Pivots	Center Hung		
19013	hold open	32" - 35 ¹⁵ / ₁₆ "	36" - 38 ¹⁵ / ₁₆ "	6.0 lbs.	C02511
19014	hold open	36" - 39 ¹⁵ / ₁₆ "	39" - 40 ¹⁵ / ₁₆ "	6.4 lbs.	C02511
19023	stop only	32" - 35 ¹⁵ / ₁₆ "	36" - 38 ¹⁵ / ₁₆ "	6.0 lbs.	C02541
19024	stop only	36" - 39 ¹⁵ / ₁₆ "	39" - 40 ¹⁵ / ₁₆ "	6.4 lbs.	C02541
19033	friction	32" - 35 ¹⁵ / ₁₆ "	36" - 38 ¹⁵ / ₁₆ "	6.0 lbs.	C02531
19034	friction	36" - 39 ¹⁵ / ₁₆ "	39" - 40 ¹⁵ / ₁₆ "	6.4 lbs.	C02531



**Bolts and Latches
from Rockwood**

Bolts and Latches

UL Listed

Proven Durability

Smooth Action

Beautiful Finishes

ROCKWOOD



**Lever Extension Flush Bolt
No. 550**

- Material:** Brass
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** 8 ea. #8 x 3/4 FH Combo Screws
- Features:**
- 3/4" bolt throw, 3/4" rod backset.
 - 12" rod length (center of face to bolt end - retracted).
 - 1 1/2" adjustable bolt head.
- Options:**
- Other size rods available are 18", 24", 36", 48".
 - Use #570 Dust Proof Strike (shown on page E3) to prevent dirt blocking bottom strike.

No.	Size	Weight	ANSI A156.16
550	Face Plate: 1 1/4" x 6 3/4" Strike: 15/16" x 2 1/4" Guide: 1" x 2"	1.7 lbs./2	L04251



**Lever Extension Flush Bolt (listed for Fire Rated Hollow Metal Doors)
No. 555**

- Material:** Brass
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** 8 ea. #8 x 3/4 FH Combo Screws
- Features:**
- Fits ANSI A115 door and frame preparation.
 - 3/4" bolt throw, 3/4" rod backset.
 - 12" rod length (center of face to bolt end - retracted).
 - 1 1/2" adjustable bolt head.
- Options:**
- Other size rods available are 18", 24", 36", 48".
 - Extra long bolt head - 2 1/2" (or to your specification).
 - Use #570 Dust Proof Strike (shown on page E3) to prevent dirt blocking bottom strike.

No.	Size	Weight	ANSI A156.16
555	Face Plate: 1" x 6 3/4" Strike: 15/16" x 2 1/4" Guide: 1" x 2"	1.5 lbs./2	L04251

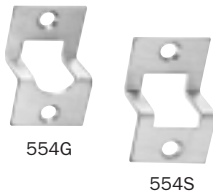




**Rabbit Piece
No. 554**

Material: Brass
Finishes: Available in standard architectural finishes (see page 7).
Fastener: 2 ea. #8 x 1¼ FH WS
Other: For use on rabbeted doors to fill mortise cut.

No.	Size	Weight	ANSI A156.16
554	1½" x 6¾"	4.1 lbs./10	w/555 L04101



**Rabbit Guides
No. 554G, 554S**

Material: Brass
Finishes: Brass
Fastener: 2 ea. #8 x ¾ FH Combo Screws



**Lever Extension Flush Bolt (listed for Wood Composite
Fire Rated Doors)
No. 557**

Material: Cast Brass
Finishes: Available in standard architectural finishes (see page 7).
Fastener: 7 ea. #8 x ¾ FH Combo Screws
 4 ea. 8-32 x ½ FH MS
 4 ea. #8 Counter Sunk Washer
Features: ¾" bolt throw, ¾" backset; door strength maintained by corner reinforcing plate.
Options: Use #570 Dust Proof Strike (shown on page E3) to prevent dirt blocking bottom strike.

No.	Size	Weight	ANSI A156.16
557	Face Plate: 1" x 6¾" Strike: 1½" x 2¼"	1.7 lbs./2	L04261



**Dust Proof Strike
No. 570**



Material: Brass

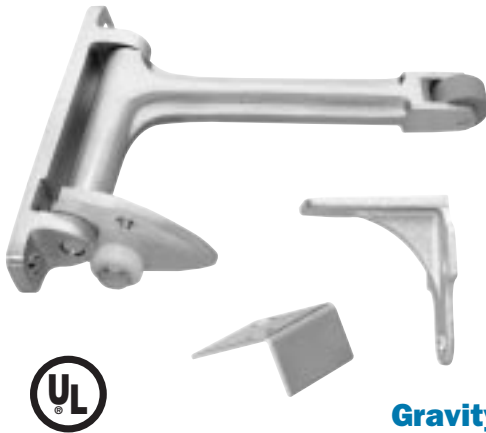
Finishes: Available in standard architectural finishes (see page 7).

Fastener: Adjustment Nut;
Spanner Wrench;
2 ea. #8 x 1 OH SMS, 2 ea. Plastic Anchors;
2 ea. 8-32 x 3/4 OH MS, 2 ea. Lead Anchors

Features:

- Works with all Rockwood manual and automatic flush bolts.
- Removable face plate for use with thresholds.
- Adjustable height for carpeted areas.

No.	Size	Weight	ANSI A156.16
570	Face Plate: 1 3/8" x 2 7/8" Barrel: 7/8" dia. x 2" depth	0.4 lbs.	L04021



**Gravity Door Coordinator
No. 576**

Material: Cast Brass

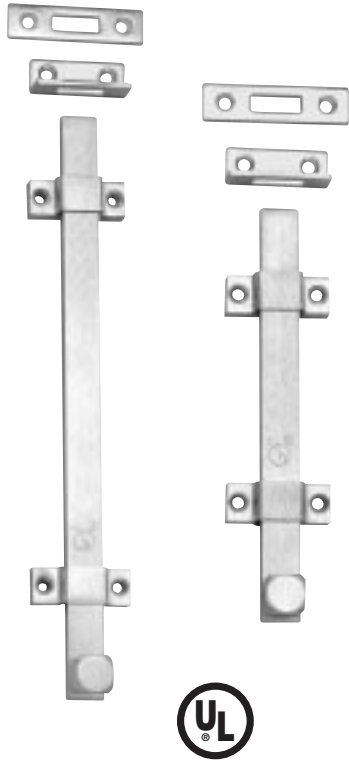
Finishes: Available in standard architectural finishes (see page 7).

Fastener: Body - 2 ea. #10 x 1 FH SMS, 2 ea. 10-24 x 1 FH MS
Strike - 5 ea. #8 x 1 FH SMS

Other: For use on door sizes:
- with Astragal on active door - 18" to 40"
- with Astragal on inactive door - 18" to 34"
- with Astragal on both doors - 18" to 30"

Features: Non-handed reversible. Prevents the active door from closing until the inactive door is closed.

No.	Size	Projection	Weight	ANSI A156.3
576	1" x 5 7/16"	7"	2.2 lbs.	Type 21



**Surface Bolts
No. 580 Series**

- Material:** Steel, Stainless Steel
Finishes: US3, US10, US10B, US26D, US32D
Fastener: 8 ea. #10 x 1¼ FH SMS, 8 ea. 10-24 x 1 FH MS
Other: 1½" bolt throw, ¼" x ¾" bolt material.
Features:
 - 8" and 12" bolts are UL listed for use on inactive leaf of a pair of 3-hour labeled fire doors.
 - Includes a universal top strike and a mortise bottom strike.**Options:** Sex bolts available for extra secure mounting.

No.	Bolt Length	Weight	ANSI A156.16
580-8	8"	1.1 lbs.	L04161
580-12	12"	1.4 lbs.	L04161
580-18	18"	1.7 lbs.	L04161
580-24	24"	2.0 lbs.	L04161

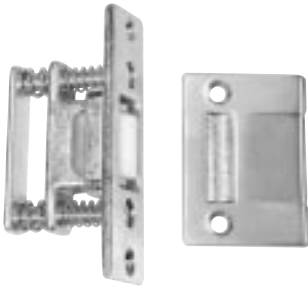
**Heavy Duty Surface Bolts
No. 585 Series**



- Material:** Steel
Finishes: US26D
Fastener: Bolt: 4 ea. ¼-20 x 2¼ FH MS;
 4 ea. ¼-20 x 1⅝ Sex Bolts
 Strike: 2 ea. #14 x 2½ FH SMS, 2 ea. Plastic Anchors;
 2 ea. ¼-20 x 1 FH MS, 2 ea. ¼-20 Lead Anchors
Other: 1¼" bolt throw, ¾" x ¾" bolt material.
Features:
 - Includes a universal top strike and a mortise bottom strike.
 - Locks in both the up and down position.
 - Bolt locks automatically when thrown; can be released only by pressing knob toward door while retracting.
 - Can be used on any type of door.

No.	Bolt Length	Weight	ANSI A156.16
585-12	12"	3.9 lbs.	L04161
585-24	24"	6.1 lbs.	L04161

**Roller Latch with Cast Strike
No. 590**



Material: Cast Brass

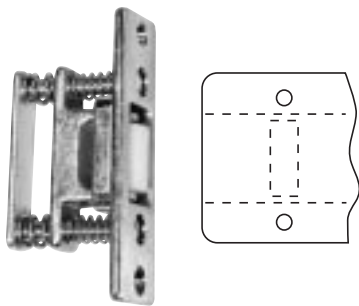
Finishes: Available in standard architectural finishes (see page 7).

Fastener: Body: 2 ea. #8 x 3/4 OH SMS
Strike: 2 ea. #8 x 3/4 OH SMS

Features: • Solid nylon roller for durable silent operation.
• Simple adjustment for roller projection.

No.	Latch Face	Strike	Weight	ANSI A156.16
590	1" x 3 3/8"	1 11/16" x 2 1/4"	0.6 lbs.	E09091

**Roller Latch with Double Acting Strike
No. 590DA**



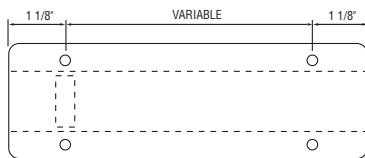
Material: Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: Body: 2 ea. #8 x 3/4 OH SMS
Strike: 4 ea. #8 x 3/4 OH SMS

Other: For use on double acting doors and frames with the No. 590. Specify size required.

Features: • Solid nylon roller for durable silent operation.
• Simple adjustment for roller projection.



No.	Latch Face	Strike	Weight
590DA	1" x 3 3/8"	1 11/16" x specify	0.6 lbs.

**Roller Latch with ASA Strike
No. 591**



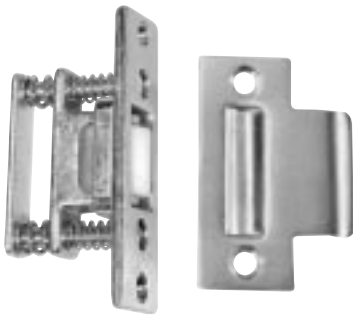
Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: Body: 2 ea. #8 x 3/4 OH SMS
Strike: 2 ea. 12-24 x 1/2 FH MS

Features: • Solid nylon roller for durable silent operation.
• Simple adjustment for roller projection.

No.	Latch Face	Strike	Weight
591	1" x 3 3/8"	1 1/4" x 4 7/8"	0.6 lbs.



**Roller Latch with #161 Strike
No. 592**

Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: Body: 2 ea. #8 x 3/4 OH SMS
Strike: 2 ea. #10 x 1 FH WS

Features:

- Solid nylon roller for durable silent operation.
- Simple adjustment for roller projection.

No.	Latch Face	Strike	Weight
592	1" x 3 3/8"	1 1/8" x 2 3/4"	0.6 lbs.



**Roller Latch with Angle Stop
No. 593**

Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: Body: 2 ea. #10 x 1 FH WS
Strike: 2 ea. #8 x 3/4 OH SMS

Features:

- Mounts in header with strike in top of door.
- Solid nylon roller for durable silent operation.
- Simple adjustment for roller projection.

No.	Latch Face	Strike	Projection	Weight	ANSI A156.16
593	1 1/2" x 4 1/2"	1 1/8" x 2 1/4"	5/8"	0.8 lbs.	E091111



Hospital Push Pull Latch
No. 596, 596 ASA, 596S, 596S ASA

Material: Stainless Steel

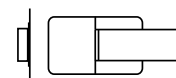
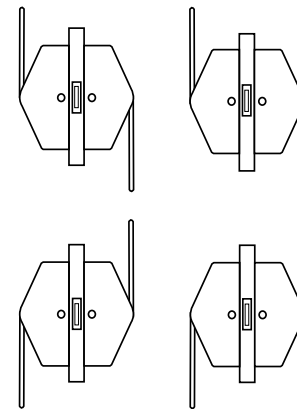
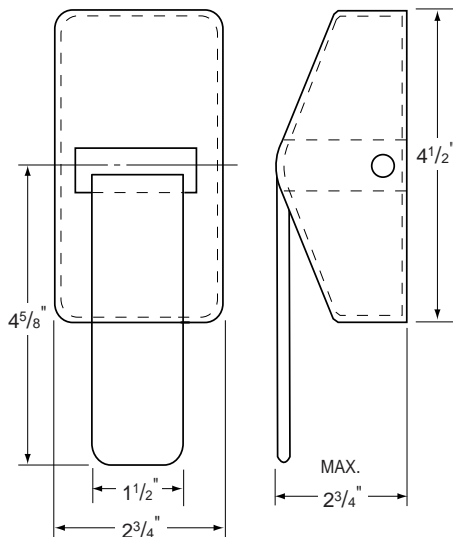
Finishes: US32D, other finishes available on special order.

- Features:**
- Non-handed.
 - Standard or ASA strike.
 - 2¾" or 5" backset.
 - UL listed for all fire doors.
 - Compact 2¾" x 4½" covers.
 - Handle projection 2¾".
 - Five mounting positions.

- Options:**
- Engraved "PUSH" or "PULL".
 - Lead lined.

No.	Fastener	Backset	Escutcheon	Strike	Weight
596	Body: 4 ea. 10-32 x 2¾ TH MS, 4 ea. nuts Backset: 2 ea. #8 x ¾ FH WS Strike: 2 ea. #8 x ¾ FH WS	5"	2¾" x 4½"	1⅞" x 2¾"	5.2 lbs./set
596S	Body: 4 ea. 10-32 x 2¾ TH MS, 4 ea. nuts Backset: 2 ea. #8 x ¾ FH WS Strike: 2 ea. #8 x ¾ FH WS	2¾"	2¾" x 4½"	1⅞" x 2¾"	5.2 lbs./set
596 ASA	Body: 4 ea. 10-32 x 2¾ TH MS, 4 ea. nuts Backset: 2 ea. #8 x ¾ FH WS Strike: 2 ea. #12-24 x ⅜ FH MS	5"	2¾" x 4½"	1¼" x 4⅞"	5.2 lbs./set
596S ASA	Body: 4 ea. 10-32 x 2¾ TH MS, 4 ea. nuts Backset: 2 ea. #8 x ¾ FH WS Strike: 2 ea. #12-24 x ⅜ FH MS	2¾"	2¾" x 4½"	1¼" x 4⅞"	5.2 lbs./set

Mounting Positions



Requires 5" backset

**Secret Gate Latch
No. 602**



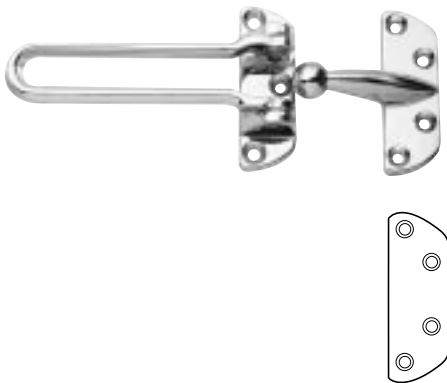
Material: Cast Brass

Finishes: US4, US10, US10B, US26D

- Features:**
- Single acting, reversible. Supplied with dummy knob.
 - Bolt activated by pressing button concealed on bottom of latch case.

No.	Fastener	Size	Weight
602	5 ea. #7 x 1¼ OH WS	Case: 2" x 2⅜" Strike: 2" x 2¾"	3.4 lbs./6

**Door Guard
No. 603**



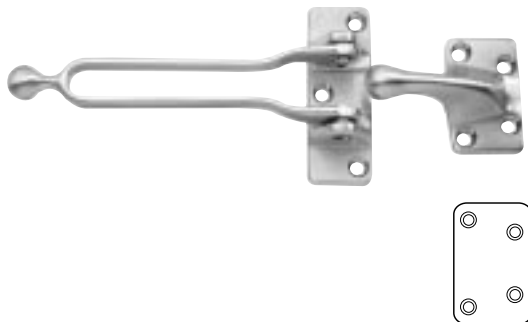
Material: Cast Aluminum

Finishes: Antique Brass (ANT), Bright Brass (BRS), Bright Chrome (CRM)

Options: ⅛" clear plastic shim - order separately as 603 SHIM.

No.	Fastener	Size	Weight	ANSI A156.16
603	Body: 3 ea. #6 x 1½ FH SMS Strike: 4 ea. #6 x 1 FH SMS	Body: 29/32" x 2½" Strike: 31/32" x 2½"	4.2 lbs./10	L33042
603 SHIM		31/32" x 2½"		

**Door Guard
No. 604**



Material: Solid Cast Brass

Finishes: US3, US4, US10, US10B, US26, US26D

Options: ⅛" clear plastic shim - order separately as 604 SHIM.

No.	Fastener	Size	Weight	ANSI A156.16
604	Body: 3 ea. #6 x 1½ OH SMS Strike: 4 ea. #6 x ¾ OH SMS	Body: 1½" x 29/16" Strike: 1½" x 1½"	4.4 lbs./10	L13042
604 SHIM		1½" x 1½"		

**Door Guard Protection Plate
No. 605, 605SMS**



Material: Brass

Finishes: US3, US4, US5, US10, US10B, US26, US26D

Features: Protects corner of door from damage by door guard arm.

No.	Fastener	Size	Weight
605	self-adhesive tape	1½" x 1" x ½" return	0.3 lbs./10
605SMS	#6 x ⅝ SMS	1½" x 1" x ½" return	0.3 lbs./10

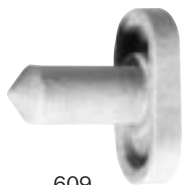
**Door Silencers
No. 608, 609**



608

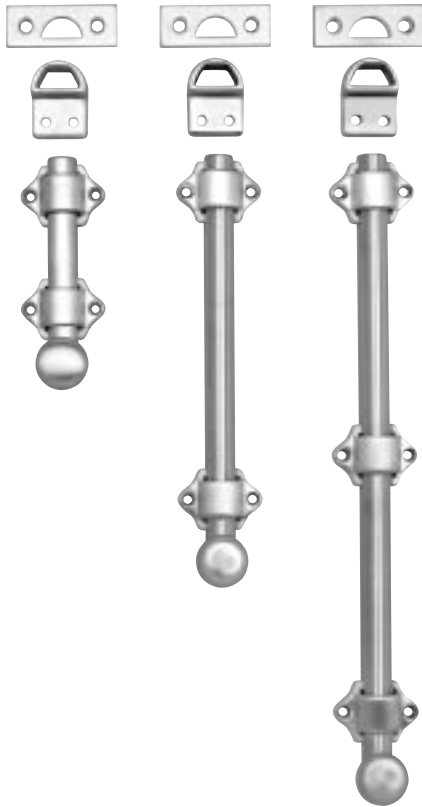
Material: DuraFlex Gray Rubber

Other: Sold in packages of 100.



609

No.	Size	Frame Type	Weight	ANSI A156.16
608	½" dia. x ⅝"	metal	1.3 lbs./500	L03011
609	¾" x ¾"	wood	1.3 lbs./500	L03021



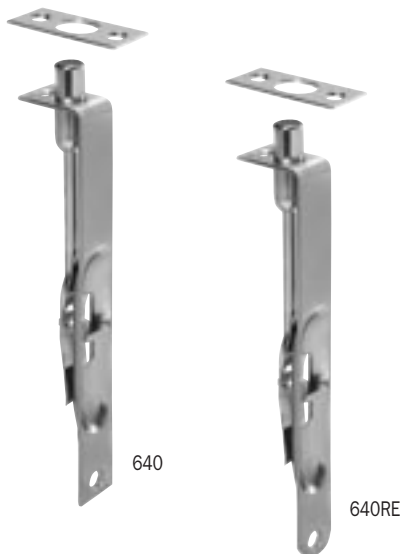
**Surface Bolts
No. 630 Series**

Material: Solid Brass

Finishes: US3, US10B, US26D (other finishes available on special order)

- Features:**
- Unique fiber gasket provides slide resistance without marring surface of bolt.
 - 1" diameter knob.
 - Supplied with universal and mortise strike.

No.	Fastener	Overall Size	Bolt Size	Bolt Length	Bolt Throw	Guides	Weight
630-4	8 ea. #6 x 3/4 OH SMS	1 5/8" x 4 3/8"	5/8" half round	4"	9/16"	2	2.5 lbs./5
630-8	8 ea. #6 x 5/8 OH SMS	1 5/8" x 8"	5/8" half round	8"	9/16"	2	3.9 lbs./5
630-12	10 ea. #6 x 5/8 OH SMS	1 5/8" x 12"	5/8" half round	12"	9/16"	3	5.3 lbs./5
630-24	12 ea. #6 x 5/8 OH SMS	1 5/8" x 24"	5/8" half round	24"	9/16"	4	11.8 lbs./5



**Residential Flush Bolts
No. 640, 640RE**

Material: Wrought Brass

Finishes: US3, US5, US26D

- Features:** Spring action holds the bolt in either projected or retracted position.

No.	Fastener	Overall Size	Bolt Size	Bolt Throw	Guides	Weight
640	4 ea. #6 x 3/4 FH SMS	3/4" x 6"	1/2" dia.	15/16"	7/8" x 2"	1.5 lbs./5
640RE	4 ea. #6 x 3/4 FH SMS	3/4" x 6"	1/2" dia.	15/16"	7/8" x 2"	1.5 lbs./5

1600 Series Door Coordinators

Material: Steel

Finishes: Black Prime Coat

Fastener: 7 ea. 12-24 x 1¼ TH Type C Tapping Screws

Size: Standard device size 1½" x 52".

Options: Specify make and model of exit device for vertical rod preparation.

Features: Non-handed. Override protection to prevent damage in case of abnormal force on door. Mechanism and filler bar completely fill width of opening and when painted to match frame it becomes virtually invisible.



Ordering:

Stock Sizes	No.	Opening	Weight	ANSI A156.3
	1660	60"	7.0 lbs.	Type 21
	1672	72"	8.0 lbs.	Type 21
	1696	96"	9.75 lbs.	Type 21

Custom Sizes — The 1600 Series coordinators are manufactured in different housing lengths to coordinate the full range of door sizes:

- **NX1600 Series:** For jamb opening widths (A + B dimension) from 44" - 76". E dimension, 42".
- **1600 Series:** For jamb opening widths (A + B dimension) from 54" - 96". E dimension, 52".
- **L1600 Series:** For unusual widths and special conditions (minimum jamb opening; 66"). E dimension, 60".

Determining Coordinator Item Number — Active door widths A plus inactive door width B equals the last two or three digits of all 1600 Series coordinator item numbers; i.e., 1680 is for 80" door opening.

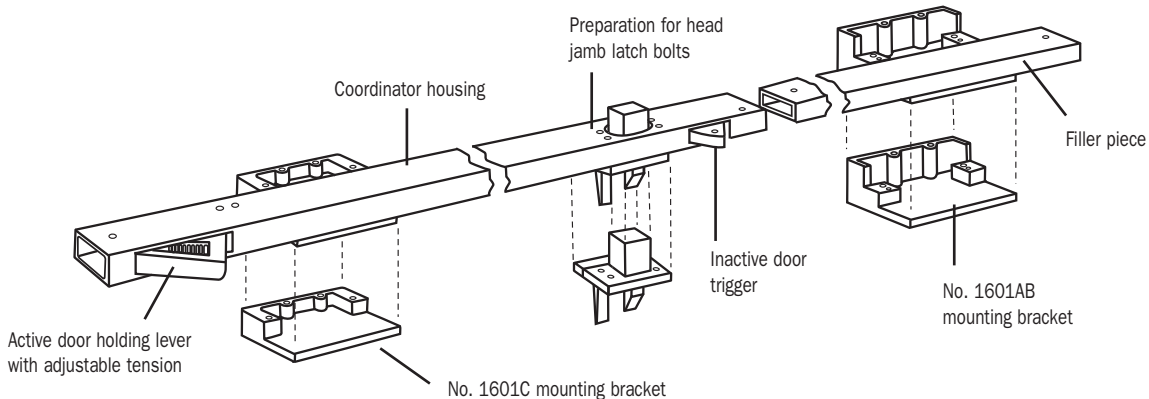
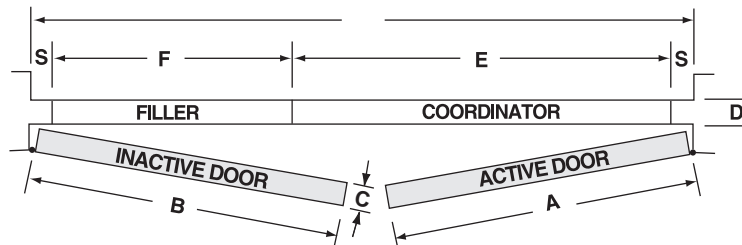
Note: Some panic hardware requires the coordinator to be factory prepped. Contact factory.

No.	Jamb Widths	Coordinator Length	ANSI A156.3
NX1644 - NX1654	44" - 54"	42"	Type 21
1655 - 1660	55" - 60"	52"	Type 21
1661 - 1672	61" - 72"	52"	Type 21
1673 - 1696	73" - 96"	52"	Type 21
L1662 - L16112	62" - 112" (active doors over 48")	60"	Type 21

Larger sizes are available, contact the factory.

Fillers are usually supplied precut from the factory (filler bars shown on page E12).

NOTE: If "S" dimension is other than ⅝" advise the factory.



**Carry Bar for #1600 Series Coordinator
No. 1100**



Material: Brass, Steel

Finishes: US3, US4, US10, US10B, US26, US26D, and Black Prime Coat

Fastener: 2 ea. ¼-20 x 1 RH MS, 2 ea. ¼-20 x 1¹¹/₁₆ Sex Bolts

Other: A carry bar is used when it is possible to open the inactive door before opening the active door.

No.	Size	Weight
1100	1¾" x 2¼"	0.3 lbs.

**Filler Bar for #1600 Series Coordinator
No. FB-1, FB-2**



Material: Steel

Finishes: Black Prime Coat

Features: Filler bar is supplied no charge with the No. 1600 Series coordinator (shown on page E11).

No.	Size	Weight
FB-1	specify length	—
FB-2	42"	3.2 lbs.

**Mounting Brackets (for Soffit Applied Hardware)
No. 1601AB, 1601C**



1601AB



1601C

Material: Aluminum

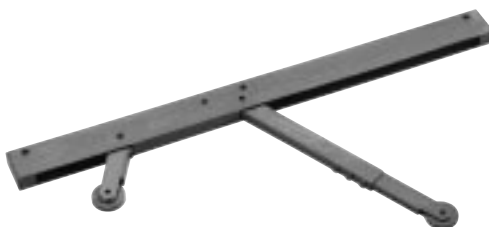
Finishes: Black Prime Coat

Fastener: 4 ea. ¼-20 x ½ FH MS, 4 ea. 12-24 x 2 FH MS

Features: Used for stop applied hardware. Prevents the inadvertent disabling of the coordinator by fasteners passing through the housing.

No.	Soffit Size	Length	Weight
1601AB	7/8" - 2¼"	5"	0.9 lbs.
1601C	over 2¼"	5"	0.8 lbs.

**Universal Door Coordinator
No. 1700**



Material: Steel, Aluminum

Finishes: Black Prime Coat

Fastener: 6 ea. #10 x 1¾ TH SMS, 6 ea. 10-32 x 1½ TH MS

Features: For pairs of doors up to 8' wide. Non-handed. Stop mounted; no mounting brackets required for stop mounted hardware.

No.	Overall Size	Weight	ANSI A156.3
1700	1½" x 20½" x 5/8"	2.8 lbs.	Type 21



Automatic Flush Bolt Set
(for Fire Rated Metal Doors labeled A, B, C, D, & E)
No. 1842

- Material:** Brass
- Finishes:** US3, US4, US10, US10B, US26, US26D
- Fastener:** 20 ea. #8 x 3/4 FH Combo Screws, 4 ea. Plastic Anchors
- Features:**
- Non-handed.
 - Low (5 lbs. maximum) closing force.
 - Fully automatic; opening active door retracts top and bottom bolts.
 - Override feature prevents damage to doors or bolts if bolt heads are blocked from entering strikes.
 - Bolt head rods are adjustable up to 1 1/2".
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire.
- Options:** Can be used with the #570 Dust Proof Strike (shown on page E3).

No.	Size	Weight	ANSI A156.3
1842	1" x 6 3/4"	2.4 lbs.	Type 25



Combination Flush Bolt Set
(for Fire Rated Metal Doors labeled A, B, C, D, & E)
No. 1845

- Material:** Brass
- Finishes:** US3, US4, US10, US10B, US26, US26D
- Fastener:** **Top** - 8 ea. #8 x 3/4 FH Combo Screws, 2 ea. Plastic Anchors
Bottom - 10 ea. #8 x 3/4 FH Combo Screws, 2 ea. Plastic Anchors
- Features:**
- Top Bolt**
- Automatically engages when the inactive door closes. When the active door is opened, the inactive door stays latched at the top until the top bolt is released by pressing the plunger button on the bolt face.
- Bottom Bolt**
- Non-handed.
 - Low (5 lbs. maximum) closing force.
 - Fully automatic; opening active door retracts bottom bolt.
 - Override feature prevents damage to door or bolt if bolt head is blocked from entering strike.
 - Bolt head rod is adjustable up to 1 1/2".
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire.
- Options:** Can be used with the #570 Dust Proof Strike (shown on page E3).

No.	Size	Weight	ANSI A156.3
1845	1" x 6 3/4"	2.4 lbs.	Type 25



Automatic Flush Bolt Set
 (for Wood Doors labeled B, C, D, & E)
No. 1942

- Material:** Brass
- Finishes:** US3, US4, US10, US10B, US26, US26D
- Fastener:** 16 ea. #8 x 3/4 FH Combo Screws, 2 ea. Plastic Anchors;
 6 ea. #10 x 1 FH WS
- Features:**
- Non-handed.
 - Low (5 lbs. maximum) closing force.
 - Fully automatic; opening active door retracts top and bottom bolts.
 - Override feature prevents damage to doors or bolts if bolt heads are blocked from entering strikes.
 - Bolt head rods are adjustable up to 1 1/2".
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire.
- Options:** Can be used with the #570 Dust Proof Strike (shown on page E3).

No.	Size	Weight	ANSI A156.3
1942	1" x 8 1/2"	2.9 lbs.	Type 25



Combination Flush Bolt Set
 (for Wood Doors labeled B, C, D, & E)
No. 1945

- Material:** Brass
- Finishes:** US3, US4, US10, US10B, US26, US26D
- Fastener:** **Top** - 6 ea. #8 x 3/4 FH Combo Screws, 2 ea. Plastic Anchors,
 3 ea. #10 x 1 FH WS
- Bottom** - 8 ea. #8 x 3/4 FH Combo Screws, 2 ea. Plastic Anchors,
 3 ea. #10 x 1 FH WS
- Features:**
- Top Bolt**
- Automatically engages when the inactive door closes. When the active door is opened, the inactive door stays latched at the top until the top bolt is released by pressing the plunger button on the bolt face.
- Bottom Bolt**
- Non-handed.
 - Low (5 lbs. maximum) closing force.
 - Fully automatic; opening active door retracts bottom bolt.
 - Override feature prevents damage to door or bolt if bolt head is blocked from entering strike.
 - Bolt head rod is adjustable up to 1 1/2".
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire.
- Options:** Can be used with the #570 Dust Proof Strike (shown on page E3).

No.	Size	Weight	ANSI A156.3
1945	1" x 8 1/2"	2.9 lbs.	Type 25

**Automatic Flush Bolt With Bottom Fire Bolt
(for Fire Rated Metal Doors)
No. 1848**



- Material:** Brass
- Finishes:** US3, US4, US10, US10B, US26, US26D
- Fastener:** 10 ea. #8 x 3/4 FH Combo Screws, 4 ea. Plastic Anchors
- Features:**
- Non-handed.
 - Low (5 lbs. maximum) closing force.
 - Fully automatic; opening active door retracts top bolt.
 - Override feature prevents damage to doors or bolt if bolt head is blocked from entering strike.
 - Bolt head rod is adjustable up to 1 1/2".
 - For fire rated metal doors labeled A, B, C, D, & E up to 4'w x 9'h.
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire.
 - Bottom fire bolt eliminates need for floor prep.
 - Oversize fire bolt strike hole allows for slight door misalignment.

No.	Size	Weight
1848	Top Bolt: 1" x 6 3/4" Bottom Bolt: 1 3/16" dia.	1.3 lbs.

**Automatic Flush Bolt With Bottom Fire Bolt
(for Fire Rated Wood Doors)
No. 1948**



- Material:** Brass
- Finishes:** US3, US4, US10, US10B, US26, US26D
- Fastener:** 8 ea. #8 x 3/4 FH Combo Screws, 2 ea. Plastic Anchors; 3 ea. #10 x 1 FH WS
- Features:**
- Non-handed.
 - Low (5 lbs. maximum) closing force.
 - Fully automatic; opening active door retracts top bolt.
 - Override feature prevents damage to doors or bolt if bolt head is blocked from entering strike.
 - Bolt head rod is adjustable up to 1 1/2".
 - For fire rated wood doors labeled B, C, D, & E up to 4'w x 9'h.
 - Thermal lock automatically locks the inactive door under high heat conditions due to fire.
 - Bottom fire bolt eliminates need for floor prep.
 - Oversize fire bolt strike hole allows for slight door misalignment.

No.	Size	Weight
1948	Top Bolt: 1" x 8 1/2" Bottom Bolt: 1 3/16" dia.	1.6 lbs.

**Bottom Fire Bolt (for Metal Doors)
No. 18BFB**

Material: Stainless Steel

Finishes: US32D

Features:

- Eliminates the bottom automatic flush bolt and dust proof strike.
- When door is subjected to 230°F the plug and gray plastic cover will melt allowing the bolt to project, locking the leaves together.
- UL Listed only when used with automatic top bolt.



No.	Size	Weight
18BFB	Bolt: 1 ³ / ₁₆ " x 1 ⁹ / ₁₆ " Plug: 1 ⁷ / ₃₂ " dia.	0.1 lbs.

**Cover Plate Kit (for Metal Doors)
No. CPK1840**

Material: Brass

Finishes: US3, US4, US10, US10B, US26, US26D

Fastener: 4 ea. #8 x 3/4 FH Combo Screws

Features: Covers existing bottom 1840 flush bolt prep.



No.	Cover Plate Size	Weight
CPK1840	1" x 6 ³ / ₄ "	0.1 lbs.

**Bottom Fire Bolt (for Wood Doors)
No. 19BFB**

Material: Stainless Steel

Finishes: US32D

Features:

- Eliminates the bottom automatic flush bolt and dust proof strike.
- When door is subjected to 230°F the plug and black plastic cover will melt allowing the bolt to project, locking the leaves together.
- UL Listed only when used with automatic top bolt.



No.	Size	Weight
19BFB	Bolt: 1 ³ / ₁₆ " x 1 ⁹ / ₁₆ " Plug: 1 ¹³ / ₆₄ " dia.	0.1 lbs.

**Auxiliary Hardware
from Rockwood**

Auxiliary Hardware

Signage and Barrier Free Signage

Coat Hooks

Catches and Pocket Door Hardware

Knockers and Viewers

Filler Plates and Shims





**Door Knocker
No. 611**

- Material:** Solid Cast Brass
- Finishes:** Available in standard architectural finishes (see page 7).
- Fastener:** 2 ea. 8-32 x 2¼ FH MS; 2 ea. #8 Finish Washer
- Options:**
- Drill for door viewer No. 621 (order viewer separately).
 - Engrave numbers or name. Assorted fonts are available.

No.	Size	Weight	ANSI A156.16
611	3⅝" x 6¾"	0.9 lbs.	L03151

**Door Knocker with Viewer
No. 615**



- Material:** Wrought Brass
- Finishes:** US3, US26D
- Fastener:** 3 ea. #8 x ¾ RH SMS
- Features:** Includes door viewer No. 620.
- Options:** Engrave numbers or name.

No.	Size	Weight	ANSI A156.16
615	2¼" x 3¼"	3.2 lbs.	L03161

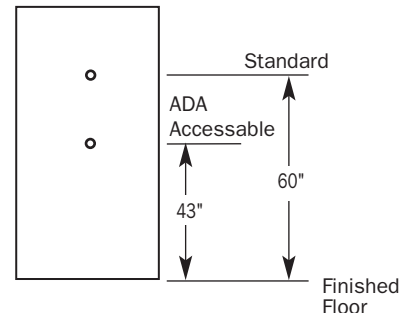
**160° Door Viewers
No. 620, 621**



- Material:** Brass
- Finishes:** Antique Bronze (ANT), Brass (BRS), Chrome (CRM)
- Other:** Installation - drill ½" hole.

No.	For Doors	Weight	ANSI A156.16
620	1⅜" to 2"	0.1 lbs.	L03222, L03172
621	2" to 2⅝"	0.1 lbs.	L03222, L03172

Recommended Location for Viewers



**190° Door Viewer
No. 622**



- Material:** Brass
- Finishes:** Antique Bronze (ANT), Brass (BRS), Chrome (CRM)
- Other:** Installation - drill ⅞" hole.

No.	For Doors	Weight	ANSI A156.16
622	1⅜" to 2⅝"	0.1 lbs.	L03221, L03172

**Card Holder
No. 651**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: 2 ea. #6 x 5/8 OH SMS

No.	Size	Card Size	Opening	Weight
651	2½" x 4¼"	2" x 3½"	1¾" x 3¼"	0.2 lbs.



**Decal
No. 660**

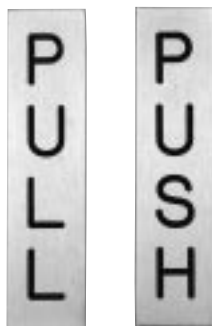
Material: Silver Foil

Fastener: Self-adhesive mounting

Other: Black Lettering

Size: 1½" x 26½"

**Engraved Signs
No. 674H, 674L**



No. 674L

No. 674H

Material: .125" Thick Plastic or .050" Thick Aluminum, Brass

Finishes: **Plastic Signs:** Available in black or brown with white lettering.
Metal Signs: Available in standard architectural finishes (see page 7).

Fastener: Self-adhesive mounting

Size: 1" x 4½"

**Engraved Signs
No. 670 Series**



Material: .125" Thick Plastic or .050" Thick Aluminum, Brass, Bronze, Stainless Steel

Finishes: **Plastic Signs:** Available in black or brown with white lettering.

Metal Signs: Available in standard architectural finishes (see page 7).

Fastener: 2 ea. #6 x 5/8 OH SMS

Ordering: Specify product number, finish, and copy.

- Features:**
- Standard letter size is 1" high by 1/8" wide stroke. Other sizes from 1/2" to 3" are available.
 - Standard font is US Block, other fonts available.
 - Sign size is determined by the height and length of the engraving and is calculated to allow for an appropriate border.

- Options:**
- SA - self-adhesive mounting.
 - Custom sizes and messages.

No.	Message	Size	ANSI 156.16
670	specify copy	2" x width required	L03201
670M	Men	2" x 5"	L03201
670W	Women	2" x 7"	L03201
670R	Restroom	2" x 10"	L03201



**Barrier Free Engraved Signs
(with Braille Translation)**

No. BF680 Series

Material: .062" Non-Glare Plastic or .050" Thick Brass, Bronze

Finishes: Plastic Signs: Available in black, blue, brown, or red with white lettering.

Metal Signs: Available in standard architectural finishes (see page 7) with black fill.

Fastener: 2 ea. #6 x 5/8 OH SMS

Ordering: Specify product number, finish, and copy.

Options:

- SA - self-adhesive mounting.
- Custom sizes and messages.

Features:

- Plastic signs meet ANSI A117.1-1998 section 703 requirements.
- 1" letter height is standard; other sizes available from 5/8" to 2".
- Meets width to height ratio requirements.
- Sign size is determined by the height and length of the engraving and is calculated to allow for an appropriate border.
- Grade 2 braille translation on sign.
- Screws provided for secure mounting.
- Made to order, any copy available.
- Plastic signs have easy to read letters and numbers that are raised 1/32" from sign surface.
- Plastic signs characters and background have a non-glare finish of contrasting light on dark color.

No.	Message	Size	ANSI 156.16
BF680	specify copy	2½" x width required	L03201
BF680M	Men	2½" x 5"	L03201
BF680W	Women	2½" x 7"	L03201
BF680R	Restroom	2½" x 9"	L03201

BF Series ADA Signs

Material: .062" Non-Glare Plastic or .050" Thick Brass, Bronze

Finishes: **Plastic Signs:** Available in black, blue, brown, or red with standard 1" white lettering.
Metal Signs: Available in standard architectural finishes (see page 7) with black fill.

Fastener: 4 ea. #6 x 5/8 OH SMS

Size: 8" x 8"

Ordering: Specify background finish along with any options.

Options: • SA - self-adhesive mounting.

Features: Plastic Signs

- Raised characters and Grade 2 Braille translation.
- Meets ADAAG Section 4.30 requirements.

Metal Signs

- Engraved characters.
- Grade 2 Braille translation.
- Attractive architectural finishes.

No. BF683



No. BF684



No. BF685



No. BF686



No. BF687



No. BF688



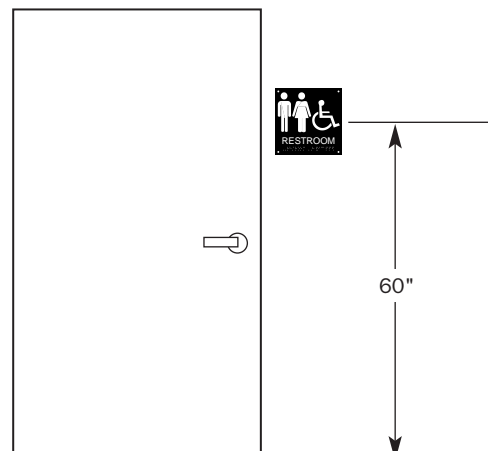
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Recommended Mounting Location for Signs

EXCERPTS FROM ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG).

4.30.6 Mounting Location and Height: Where permanent identification is provided for rooms and spaces, signs shall be installed on the wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, including at double leaf doors, signs shall be placed on the nearest adjacent wall. Mounting height shall be 60 inches (1525 mm) above the finish floor to the centerline of the sign. Mounting location for such signage shall be so that a person may approach within 3 inches (76 mm) of signage without encountering protruding objects or standing within the swing of a door.



BFM Series ADA Molded Plastic Signs

- Material:** Molded Plastic
- Colors:** 1" White Lettering on choice of Blue or Black background.
- Fastener:** Self-adhesive mounting.
- Size:** 6" x 9"
- Ordering:** Specify product number and background color.
- Features:**
- Raised lettering and Grade 2 Braille translation.
 - Meets ADAAG Section 4.30 requirements.
 - Economical molded plastic.

No. BFM682



No. BFM684



No. BFM685



No. BFM686



No. BFM687



No. BFM688



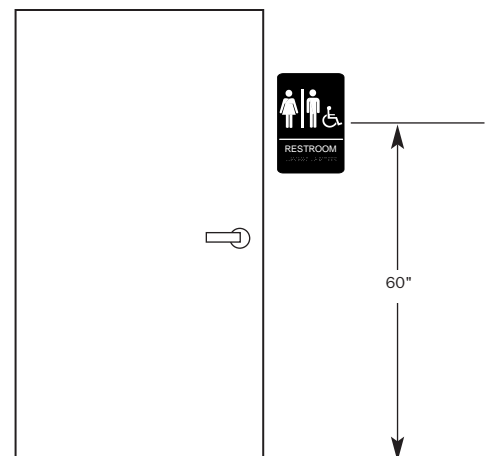
No. BFM689



Recommended Mounting Location for Signs

EXCERPTS FROM ADA ACCESSIBILITY GUIDELINES FOR BUILDINGS AND FACILITIES (ADAAG).

4.30.6 Mounting Location and Height: Where permanent identification is provided for rooms and spaces, signs shall be installed on the wall adjacent to the latch side of the door. Where there is no wall space to the latch side of the door, including at double leaf doors, signs shall be placed on the nearest adjacent wall. Mounting height shall be 60 inches (1525 mm) above the finish floor to the centerline of the sign. Mounting location for such signage shall be so that a person may approach within 3 inches (76 mm) of signage without encountering protruding objects or standing within the swing of a door.



**Hand Rail Brackets
No. 700, 701, 702**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: Wood Rail

Metal Rail

700	5/16-18 x 1 1/2 FH MS, Lead Anchor; 3 ea. 12-24 x 1 FH MS; 2 ea. #8 x 3/4 OH SMS; 1 ea. Back Plate	5/16-18 x 1 1/2 FH MS, Lead Anchor; 3 ea. 12-24 x 1 FH MS; 2 ea. 8-32 x 3/4 OH MS; 1 ea. Back Plate
701	5/16-18 x 3 FH MS, Toggle; 3 ea. 12-24 x 1 FH MS; 2 ea. #8 x 3/4 OH SMS; 1 ea. Back Plate	5/16-18 x 3 FH MS, Toggle; 3 ea. 12-24 x 1 FH MS; 2 ea. 8-32 x 3/4 OH MS; 1 ea. Back Plate
702	3 ea. #12 x 2 FH WS; 2 ea. #8 x 3/4 OH SMS	3 ea. #12 x 2 FH WS; 2 ea. 8-32 x 3/4 OH MS

Ordering: Specify Wood Rail or Metal Rail.

No.	Base	Projection (to Rail Centerline)	Weight
700	2 13/16"	3 1/2"	2.0 lbs.
701	2 13/16"	3 1/2"	1.8 lbs.
702	2 13/16"	3 1/2"	1.5 lbs.

**Small Coat Hook
No. 790**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: 2 ea. #6 x 5/8 OH SMS

No.	Size	Projection	Weight	ANSI A156.16
790	1 1/4"W x 1 3/8"h	1 7/8"	1.5 lbs./10	L03111

**Small Double Coat Hook
No. 796**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: 2 ea. #6 x 3/4 OH SMS

No.	Size	Projection	Weight
796	1 1/8"W x 1 1/8"h	1 1/8"	1.5 lbs./10

**Medium Coat Hook
No. 802**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: 2 ea. #6 x 3/4 RH WS

No.	Size	Projection	Weight	ANSI A156.16
802	1 3/16"W x 1 1/2"h	3"	1.7 lbs./10	L03111

**Medium Coat Hook
No. 806**



Material: Cast Brass

Finishes: Available in standard architectural finishes (see page 7).

Fastener: 2 ea. #6 x 3/4 OH WS

No.	Size	Projection	Weight	ANSI A156.16
806	1 1/16"W x 1 1/4"h	3 1/8"	1.9 lbs./10	L03111



**1 1/4" Ball Knob
No. 841**

Material: Solid Brass
Finishes: US3, US26; other finishes available upon request.
Fastener: 8-32 x 1 TH MS
Options: Other screw lengths available upon request.

No.	Base	Projection	Weight	ANSI A156.9
841	3/4" dia.	1 1/8"	2.5 lbs./10	B02131



**Utility Pull
No. 845**

Material: Aluminum, Brass
Finishes: US3, US4, US10, US10B, US26, US26D, Burnished Aluminum (ALM)
Fastener: 4 ea. #8 x 3/4 OH SMS

No.	Size	Projection	Weight
845	1 7/8" x 5 7/8"	1 1/2"	2.5 lbs./10



**Solid Wire Pull
No. 850, 851, 852, 853**

Material: Brass, Bronze, Stainless Steel
Finishes: US3, US4, US10, US10B, US26, US26D, US32D
Fastener: 8-32 x 1 TH MS
Options: Other CTC's available upon request.

No.	Size	CTC	Projection	Weight	ANSI A156.9
850	5/16" dia.	2 3/4"	1 1/4"	3.4 lbs./25	B02011
851	5/16" dia.	3"	1 1/4"	3.8 lbs./25	B02011
852	5/16" dia.	3 1/2"	1 1/4"	3.9 lbs./25	B02011
853	5/16" dia.	4"	1 1/4"	4.0 lbs./25	B02011



**Heavy Wire Pull
No. 856**

Material: Brass, Bronze, Stainless Steel
Finishes: US3, US4, US10, US10B, US26, US26D, US32D
Fastener: 8-32 x 1 TH MS
Options: Other CTC's available upon request.

No.	Size	CTC	Projection	Weight	ANSI A156.9
856	1/2" dia.	4"	1 3/4"	4.5 lbs./10	B02011



**Flush Cup Pull
No. 860**

Material: Brass, Stainless Steel
Finishes: US3, US10B, US32D
Fastener: 2 ea. #4 x 5/8 OH WS
Other: Installation - bore 2 1/2" hole.

No.	Size	Weight	ANSI A156.14
860	2 1/2" dia.	0.9 lbs./10	B02201



**Wrought Flush Pull
No. 870**

Material: Brass, Stainless Steel
Finishes: US3, US10B, US32D
Fastener: 2 ea. #4 x 5/8 OH WS

No.	Size	Weight	ANSI A156.14
870	1 3/8" x 3 3/16"	0.5 lbs./10	D0781



**Cast Flush Pull
No. 872**

Material: Cast Brass
Finishes: US3, US10B, US26D; other finishes available upon request.
Fastener: 2 ea. #4 x 5/8 OH WS

No.	Size	Weight	ANSI A156.14
872	1 5/16" x 3 1/8"	0.2 lbs.	D0781



**Cast Lever Edge Pull
No. 880**

Material: Cast Brass
Finishes: US3, US10B, US26D; other finishes available upon request.
Fastener: 2 ea. #6 x 3/4 FH SMS

No.	Size	Weight	ANSI A156.14
880	3/4" x 3 7/8"	0.2 lbs.	D2801



**Concealed Edge Pull
No. 885**

Material: Brass
Finishes: Available in standard architectural finishes (see page 7).
Fastener: 2 ea. #6 x 1 FH WS

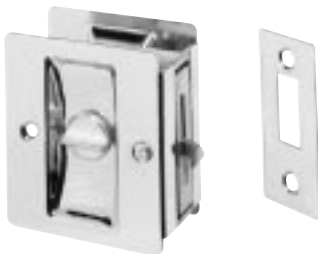
No.	Size	Weight
885	1" x 4 1/4"	0.5 lbs.



**Pocket Door Pull
No. 890**

Material: Brass
Finishes: US3, US10B, US26, US26D
Fastener: 2 ea. #6 x 5/8 OH SMS
Other: For use on 1 3/8" and 1 3/4" doors.

No.	Size	Weight	ANSI A156.14
890	2 1/2"w x 2 3/4"h	0.4 lbs.	D0821



**Pocket Door Privacy Latch
No. 891**

Material: Brass
Finishes: US3, US10B, US26, US26D
Fastener: 4 ea. #6 x 5/8 OH SMS
Other: For use on 1 3/8" and 1 3/4" doors.
Features:

- Turn piece locks to jamb strike.
- Emergency release on opposite side.

No.	Size	Weight	ANSI A156.14
891	2 1/2"w x 2 3/4"h	0.4 lbs.	D0831

**Heavy Duty Magnetic Catch
No. 900**



Material: Aluminum

Finishes: Brass (BRS), Natural Aluminum (ALM)

Fastener: **Body:** 2 ea. #6 x 1¼ TH SMS
Strike: 2 ea. #6 x ½ FH SMS

- Features:**
- Includes installation instructions.
 - Dual double-pole, self-aligning magnets.
 - Packed with two short strikes and one long strike.
 - Can be used on pair of doors or single door.

No.	Body Size	Strike Size	Weight	ANSI A156.9
900	9/16" x 3 1/8" x 1"	1 ea. 5/8" x 3 1/8" 2 ea. 5/8" x 1 1/8"	0.3 lbs.	B03161

**Extra Heavy Duty Magnetic Catch
No. 901**



Material: Aluminum

Finishes: Brass (BRS), Natural Aluminum (ALM)

Fastener: **Body:** 2 ea. #6 x 1½ TH SMS
Strike: 2 ea. #6 x ½ FH SMS

- Features:**
- Includes installation instructions.
 - Dual triple-pole, self-aligning magnets.
 - Packed with two short strikes and one long strike.
 - Can be used on pair of doors or single door.

No.	Body Size	Strike Size	Weight	ANSI A156.9
901	1 3/16" x 3 1/3" x 1"	1 ea. 7/8" x 3 1/8" 2 ea. 7/8" x 1 1/8"	0.3 lbs.	B03161

**Adjustable Ball Catch - Square Corners
No. 910, 911**



No. 910

Material: Brass

Finishes: US3, US26D

Fastener: 4 ea. #6 x 3/4 FH SMS

Other: No. 910: Narrow strike for mounting on door, catch in jamb.
No. 911: Wide strike for mounting on jamb, catch in door.

Features: Dual adjustment for door clearance and holding strength.

No.	Body Size	Strike Size	Weight	ANSI A156.9
910	1" x 2 1/8"	1 1/16" w x 2 1/8"	0.2 lbs.	B03017
911	1" x 2 1/8"	1 3/8" w x 2 1/8"	0.2 lbs.	B03017

**Adjustable Ball Catch - Round Corners
No. 910RC, 911RC**



No. 911RC

Material: Brass

Finishes: US3, US26D

Fastener: 4 ea. #6 x 3/4 FH SMS

Other: No. 910RC: Narrow strike for mounting on door, catch in jamb.
No. 911RC: Wide strike for mounting on jamb, catch in door.

Features:

- 1/4" radius corners for easy mortise installation.
- Dual adjustment for door clearance and holding strength.

No.	Body Size	Strike Size	Weight	ANSI A156.9
910RC	1" x 2 1/8"	1 1/16" w x 2 1/8"	0.2 lbs.	B03017
911RC	1" x 2 1/8"	1 3/8" w x 2 1/8"	0.2 lbs.	B03017



**Door Edge Filler Plate
No. DF86**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For Gov. 86 mortise lock face.

No.	Size	Weight	Pack Quantity
DF86	1 1/4" x 8" x 3/16"	11.9 lbs./25	25



**Frame Hinge Filler Plate
No. DFF4**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For 1 3/4" rabbet frames.

No.	Size	Weight	Pack Quantity
DFF4	1 5/8" x 4 1/2"	6.8 lbs./25	25



**Frame Hinge Filler Plate
No. DFF5**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For 1 3/4" rabbet frames.

No.	Size	Weight	Pack Quantity
DFF5	1 5/8" x 5"	7.9 lbs./25	25



**Beveled Door Hinge Filler Plate
No. DHF4B**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For handed doors (beveled).

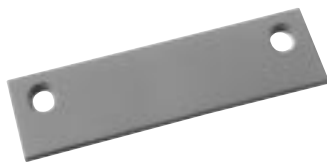
No.	Size	Weight	Pack Quantity
DHF4B	1 1/2" x 4 1/2"	6.4 lbs./25	25



**Square Door Hinge Filler Plate
No. DHF4S**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For non-handed doors (square edge).

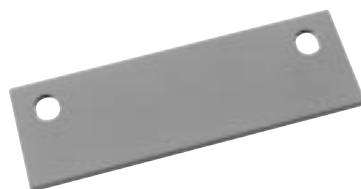
No.	Size	Weight	Pack Quantity
DHF4S	1 1/2" x 4 1/2"	7.7 lbs./25	25



**Beveled Door Hinge Filler Plate
No. DHF5B**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For handed doors (beveled).

No.	Size	Weight	Pack Quantity
DHF5B	1 1/2" x 5"	7.2 lbs./25	25



**Square Door Hinge Filler Plate
No. DHF5S**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For non-handed doors (square edge).

No.	Size	Weight	Pack Quantity
DHF5S	1 3/4" x 5"	8.5 lbs./25	25



**Flush Bolt Filler Plate
No. FBF48**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 8-32 x 1/2 FH MS

No.	Size	Weight	Pack Quantity
FBF48	1" x 6 3/4"	6.4 lbs./25	25



**Flush Bolt Strike Filler Plate
No. FBS48**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 8-32 x 1/2 FH MS

No.	Size	Weight	Pack Quantity
FBS48	1 5/16" x 2 1/4"	1.3 lbs./25	25



**Door Face Filler Plate
No. FC161**

Material: Steel
Finishes: Prime Coat
Fastener: Sex Bolt and Sleeve
Other: To cover up to 2 5/8" lock hole.

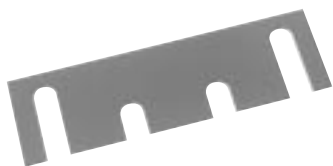
No.	Size	Weight	Pack Quantity
FC161	2 5/8" dia.	4.0 lbs./25	25



**Door Face Filler Plate
No. FD160**

Material: Steel
Finishes: Prime Coat
Fastener: Sex Bolt and Sleeve
Other: To cover up to 1 1/2" lock hole.

No.	Size	Weight	Pack Quantity
FD160	1 3/4" dia.	2.0 lbs./25	25



**4 1/2" Hinge Shim - .028" Thick
No. HS42**

Material: Steel
Finishes: Galvanized Coat

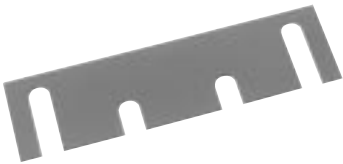
No.	Size	Weight	Pack Quantity
HS42	1 1/16" x 4 1/2"	2.2 lbs./50	50



**4½" Hinge Shim - .065" Thick
No. HS44**

Material: Steel
Finishes: Galvanized Coat

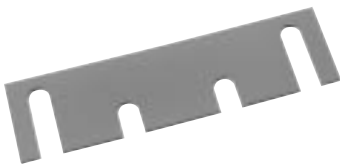
No.	Size	Weight	Pack Quantity
HS44	1 7/16" x 4 1/2"	4.4 lbs./50	50



**5" Hinge Shim - .028" Thick
No. HS52**

Material: Steel
Finishes: Galvanized Coat

No.	Size	Weight	Pack Quantity
HS52	1 7/16" x 5"	2.3 lbs./50	50



**5" Hinge Shim - .065" Thick
No. HS54**

Material: Steel
Finishes: Galvanized Coat

No.	Size	Weight	Pack Quantity
HS54	1 7/16" x 5"	4.5 lbs./50	50



**Latch Adapter Plate
No. LA86**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: Change 86 cutout to 161 template.

No.	Size	Weight	Pack Quantity
LA86	1 1/4" x 8"	7.5 lbs./25	25



**Door Edge Filler Plate
No. LF161**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 8-32 x 1/2 FH MS
Other: For Gov. 161 Latch.

No.	Size	Weight	Pack Quantity
LF161	1 1/8" x 2 1/4"	2.5 lbs./25	25



**Strike Filler Plate
No. SF160**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 8-32 x 1/2 FH MS
Other: For Gov. 160.

No.	Size	Weight	Pack Quantity
SF160	1 1/8" x 2 3/4"	2.1 lbs./25	25



**Strike Filler Plate
No. SFASA**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 12-24 x 1/2 FH MS
Other: For A.S.A. strike.

No.	Size	Weight	Pack Quantity
SFASA	1 1/4" x 4 7/8"	4.9 lbs./25	25



**Strike Filler Plate
No. SFB160**

Material: Steel
Finishes: Prime Coat
Fastener: 2 ea. 8-32 x 1/2 FH MS
Other: For Schlage "B" lock and other dead lock strikes.

No.	Size	Weight	Pack Quantity
SFB160	1 1/8" x 2 3/4"	1.9 lbs./25	25

Architectural Hardware



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