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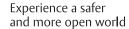
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Rockwood Manufacturing Co. founders, brothers Norman and Vernon Gurzenda

About Rockwood Manufacturing Company

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In 2008 Rockwood Manufacturing Company was purchased by ASSA ABLOY, the global leader in door opening solutions. This greatly expanded design and development capabilities and expanded the product offering to customers. This offering includes many coordinating products with other ASSA ABLOY Group companies through the Good Design Studio.

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CORBIN RUSSWIN 107 and SARGENT ME lever



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All prices are F.O.B. Rockwood, Pennsylvania, and/or Ventura, For freight policy terms & conditions please click <u>here</u> or see brand price book.

Special Order Material

Special items made to your specifications are not returnable. These items are not subject to cancellation without consideration of expense involved at the cancellation date.

Samples

Saleable samples will be charged at regular prices.

Shortages

Claims for shortages must be made within 30 days of invoice date.

Templates

Upon request we will furnish templates for any of our standard items of manufacture. Commonly used templates are available on our website at www.rockwoodmfg.com

BHMA/ANSI Specifications

We have listed ANSI cross-reference numbers throughout our catalogs and website. The cross-reference can be relied on for design equivalence reference.



Architectural Finishes

Most Rockwood 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
Aluminum	Satin	US27	627
Aluminum	Clear anodized	US28	628
Aluminum	Light bronze anodized	311	_
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	ВРС	_
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 powder coated	US19	622
Brass	Polished chrome plated	US26	625
Brass	Satin chrome plated	US26D	626

Base Metal	Description	Rockwood Code	BHMA Code
Bronze	Polished clear coated	US9	611
Bronze	Satin clear coated	US10	612
Bronze	Black oxidized bronze oil rubbed	US10A	722
Bronze	Satin oxidized oil rubbed	US10B*	613
Bronze	Oxidized equivalent	10BE	613E
Bronze	Satin oxidized clear coated	US10BL	614
Stainless Steel	Polished	US32	629
Stainless Steel	Satin	US32D	630
Bronze	Satin dark statuary	US20A	624

^{*}US10B is a living finish and will patina over time

Special Finishes (see descriptions below)

Stainless Steel	Satin MicroShield® coated	US32D MS **	_
Stainless Steel	Polished 316 alloy	US32 316 **	_
Stainless Steel	Satin 316 alloy	US32D 316 **	_
	Black Suede Powder Coat	BSP	-
	White Suede Powder Coat	WSP	_

US32DMS (MicroShield®):

As part of its promise to provide innovative solutions to their customers, ASSA ABLOY Group companies offer the MicroShield® technology, a silver-based antimicrobial coating designed to inhibit the spread of germs and bacteria.

US32316 and US32D316:

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. 32316 (polish) finishes offer the best corrosion resistance and should be used in caustic environments.



MicroShield[®] is a registered trademark of ASSA ABLOY.

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Finish Tips

Polished Brass

Polished brass is a beautiful finish that does not normally weather very well outdoors. Rockwood products use a very durable baked on clear powder coat on most door pulls and push bars. In indoor usage, this finish is extremely durable.

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 US32316 or US32D316. 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.

Anti-Microbial Protection

MicroShield® (US32D**MS**) is the ideal finish for hospitals, schools, laboratories, assisted living facilities, public restroom areas, and anywhere there is a concern to control bacteria growth for demanding standards of cleanliness. Contact our customer service department for more detailed information.

Finish Sample Displays

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



How to Size 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

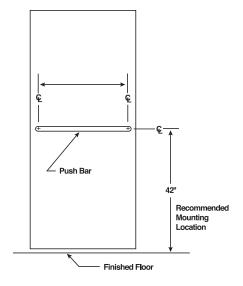
Stile and Rail Doors or Doors with Lites

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.

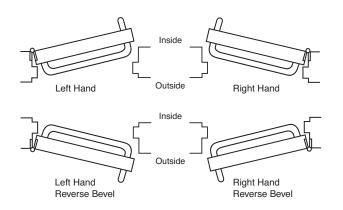


Handing of Doors

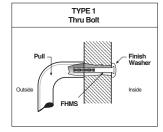
The handing of a door is determined from the outside of the opening.

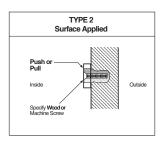
Standing outside the door:

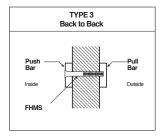
- If the hinges are on the right, it is a right hand door
- If the hinges are on the left, it is a left hand door
- If the door opens away from you, it is a regular bevel door
- If the door opens toward you, it is a reverse bevel door

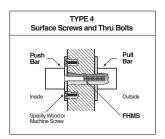


Mounting Types for Push Bars No. 10 through No. 45 and No. 50, No. 51, No. 52











Push Bar No. 10-PB

Material: Brass and Bronze

Finishes: Available in standard architectural finishes

(see page 9)

Mounting: Metal door: type 2, surface, $\#8-32x^{3/4}$ OH MS

Wood door: type 2, surface, #8 x 3/4 OH SMS

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-PB	³ / ₈ " x 1 ¹ / ₂ "	$1^{1/2}$ " x $2^{7/8}$ "	11/4"	5/8"	6.9 lbs.	J501



Push Bars No. 11-PB, 12-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes,

except US32 (see page 9)

Mounting: No. 11:

Metal door: type 2, surface, $\frac{1}{4}$ - 20 x $\frac{1}{2}$ MS &

#8-32x³/₄" OH MS

Wood door: type 2, surface, #12x³/₄" WS &

 $\#8x^{3/4}$ " OH SMS

No. 12:

Metal and wood door: type 1, $^{1}/_{4}$ - 20 x $2^{1}/_{4}$ " thru bolt

and finish washer (standard $1^{3}/_{4}$ " door)

Ordering: Specify CTC, door type, mounting and finish

Options: Advise if door thickness is other than 1³/₄"

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





Push Bars No. 14-PB, 15-PB

Material: Aluminum, brass, bronze, stainless steel

Available in standard architectural finishes, Finishes:

except US32 (see page 9)

Mounting: Metal and wood door: type 1, $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish

washer (standard 13/4" door)

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

Options: Advise if door thickness is other than 13/4"

No.	Material Size	Base	Projection	Clearance	Weight	ANSI A156.6
14-PB	$^{3}/_{8}$ " x $1^{1}/_{2}$ "	$1^{1/2}$ " x 2" x $^{1/8}$ "	2"	15/8"	6.3 lbs.	J501
15-PB (less base plate)	³ / ₈ " x 1 ¹ / ₂ "	³ /8" x 1 ¹ / ₂ "	1 ⁷ /8"	11/2"	6.1 lbs.	J501



Push Bars No. 18-PB, 19-PB

Material: Aluminum, brass, stainless steel, bronze

Finishes: Available in standard architectural finishes,

except US32 (see page 9)

Mounting: No. 18:

> Metal door: type 2, surface, $^{1}/_{4}$ - 20 x1" and #8 - 32 x $^{3}/_{4}$ " OH MS Wood door: type 2, surface, $#12x1^{1}/_{4}$ " FH WS and $#8x^{3}/_{4}$ " OH SMS

No. 19:

Metal door: type 1, thru bolt, $\frac{1}{4}$ - 20 x1 OH MS

Wood door: type 1, thru bolt, #12 x 11/4" FH WS, finish washer

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

Options: Advise if door thickness is other than 13/4"

No.	Material Size	Base	Projection	Clearance	Weight	ANSI A156.6
18-PB	³ / ₈ " x 1 ¹ / ₂ "	1" x 3 x 1/8"	21/8"	13/4"	6.2 lbs.	J501
19-PB (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-PB, 21-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes,

except US32 (see page 9)

Mounting: Metal and wood door: type 1, $\frac{1}{4}$ – 20 x $2^{\frac{1}{4}}$ "

thru bolt and finish washer (standard 13/4" door)

Ordering: Specify CTC, door type, and finish

Options: • Ideal for engraving

Advise if door thickness is other than 1³/₄"

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
20-PB	³ / ₈ " x 1 ¹ / ₄ "	$1^{1/2}$ " x $1^{1/4}$ "	21/4"	1 ⁷ / ₈ "	8"	12.3 lbs.	J502
21-PB	³ / ₈ " x 1 ¹ / ₂ "	$1^{1/2}$ " x $1^{1/2}$ "	21/4"	1 ⁷ / ₈ "	8"	14.7 lbs.	J502



Pull Bars No. 22-PB, 23-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes,

except US32 (see page 9)

Mounting: Metal and wood door: type 1, $^{1}/_{4}$ - $20 \times 2^{1}/_{4}$ " thru bolt

and finish washer (standard 13/4" door)

Ordering: Specify CTC, door type, and finish

Options Ideal for engraving

• Pull length is 42" from top post to bottom post

• Advise if door thickness is other than 13/4"

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
22-PB	$^{3}/_{8}$ " x $1^{1}/_{4}$ "	$1^{1/2}$ " x $1^{1/4}$ "	21/4"	1 ⁷ /8"	8"	16.7 lbs.	J503
23-PB	$^{3}/_{8}$ " x $1^{1}/_{2}$ "	$1^{1/2}$ " x $1^{1/2}$ "	21/4"	1 ⁷ / ₈ "	8"	20.0 lbs.	J503



Push Bars No. 25-PB, 26-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes,

except US32 (see page 9)

Mounting: Metal and wood door: type 1, $^{1}/_{4}$ - 20 x $2^{1}/_{4}$ " thru bolt

> and finish washer (standard 13/4" door) Metal door: type 2, surface, 1/4 - 20 MS Wood door: type 2, surface, #12 WS

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

Options: Advise if door thickness is other than 13/4"

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
25-PB	³ / ₈ " x 1 ¹ / ₄ "	$1^{1/2}$ " x $1^{1/4}$ "	3/4"	³ / ₈ "	_	4.8 lbs.	J501
26-PB	3/8" x 1 ¹ / ₂ "	1 ¹ / ₂ " x 1 ¹ / ₂ "	3/4"	3/8"	_	5.8 lbs.	J501

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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, except US32 (see page 9)

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Mounting: Metal and wood door: type 3, back to back, 1/4 - 20 MS

Ordering: Specify CTC, door type, and finish

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





Pull Bars No. 31-PB, 32-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, except US32

(see page 9)

Mounting: Metal and wood door: type 1, thru bolt,

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " FH MS, finish washers (standard $1^{3}/_{4}$ " door)

Ordering: Specify CTC, door type, and finish

Options: • Ideal for engraving

Advise if door thickness is other than 1³/₄"

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
31-PB	³ / ₈ " x 1 ¹ / ₄ "	2"x12"x ¹ / ₈ "	2"	15/8"	8"	12.8 lbs.	J502
32-PB	³ / ₈ " x 1 ¹ / ₂ "	2"x12"x ¹ / ₈ "	2"	15/8"	8"	15.4 lbs.	J502



Push Bars No. 33-PB, 34-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes,

except US32 (see page 9)

Mounting: Metal door: type 2, surface, #8-32x³/₄" OH MS

Wood door: type 2, surface, #8 x 3/4" OH SMS

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

Options: Ideal for engraving

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI A156.6
33-PB	³ / ₈ " x 1 ¹ / ₄ "	2"x12"x ¹ / ₈ "	15/8"	11/4"	8"	10.9 lbs.	J502
34-PB	³ / ₈ " x 1 ¹ / ₂ "	2"x12"x ¹ / ₈ "	15/8"	11/4"	8"	13.1 lbs.	J502

Push and Pull Bar Sets No. 35-PB, 36-PB

Material: Aluminum, brass, stainless steel, bronze

Finishes: Available in standard architectural finishes, except US32 (see page 9)

Mounting: Metal door: type 4, back to back, $^{1}/_{4}$ - $20 \times 2^{1}/_{4}$ " & #8 - $32 \times ^{3}/_{4}$ " OH MS

Wood door: type 4, back to back, $^{1}/_{4}$ – $20 \times 2^{1}/_{4}$ " & #8 $\times ^{3}/_{4}$ " OH SMS

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

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





Screen Door Guard No. 40-PB

Material: Brass and Bronze

Finishes: Available in standard architectural finishes (see page 9)

Mounting: Metal door: type 2, surface, #8-32x3/4" OH MS

Wood door: type 2, surface, #8 x 3/4" OH SMS

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

No.	Material Size	Base	Projection	Clearance	Bar Space	Weight
40-PB	5/8" tube	$^{5}/_{8}$ " x $9^{5}/_{8}$ "	11/8"	³ / ₈ "	31/2"	4.5 lbs.



Screen Door Guard No. 41-PB

Material: Brass and Bronze

Finishes: Available in standard architectural finishes

(see page 9)

Metal door: type 2, surface, $\#8-32\,x^{3/4}$ " OH MS Mounting:

Wood door: type 2, surface, #8 x 3/4" OH SMS

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

No.	Material Size	Base	Projection	Clearance	Bar Space	Weight
41-PB	⁵ /8" tube	⁵ / ₈ " x 6 ¹ / ₈ "	11/8"	³ / ₈ "	31/2"	2.9 lbs.



Screen Door Guard No. 42-PB

Material: Brass and Bronze

Finishes: Available in standard architectural finishes (see page 9)

Mounting: Metal door: type 2, surface, $\#8-32x^{3/4}$ OH MS

Wood door: type 2, surface, #8x3/4 OH SMS

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

No.	Material Size	Base	Projection	Clearance	Bar Space	Weight
42-PB	5/8" tube	$^{5}/_{8}$ " x $2^{5}/_{8}$ "	11/8"	³ / ₈ "	_	1.6 lbs.





Push Bars No. 43-PB, 44-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, except US32

(see page 9)

Mounting: Metal and wood door: type 1, $\frac{1}{4}$ – 20 x $2^{\frac{1}{4}}$ " thru bolt

and finish washer (standard 13/4" door)

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

Other: Ideal for engraving or logos

Options: Advise if door thickness is other than 1³/₄"

No.	СТС	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
43-PB	Specify	³ / ₈ " x 3"	$1^{1/2}$ " x $4^{1/2}$ " x $1/8$ "	2"	15/8"	10.5 lbs.	J501
44-PB (less base plate)	Specify	³ / ₈ " x 3"	_	1 ⁷ / ₈ "	11/2"	10.1 lbs.	J501



Push Bar No. 45-PB

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, except US32

(see page 9)

Mounting: Metal and wood door: type 1, $\frac{1}{4}$ – 20 x 2^{1} /₄ " thru bolt and

finish washer (standard 13/4 door)

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

Other: Ideal for engraving or logos

Options: Advise if door thickness is other than $1^{3}/_{4}$ "

No.	СТС	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
45-PB	Specify	³ / ₈ " x 3"	1 ¹ / ₂ " x 3"	3/4"	³ / ₈ "	9.9 lbs.	J501





Pull Bar No. 50-PB

Material: Brass, bronze

Finishes: Available in standard architectural finishes

(see page 9)

Mounting: Metal and wood door: type 1, $\frac{1}{4}$ -20 x $2\frac{1}{4}$ " thru bolt & finish

washer (standard 1³/₄" door)

Wood door: type 2 surface, #8 x 3/4" OH SMS

Ordering: Specify CTC, door type, and finish

Other: Cast slip-on end brackets

Options: Advise if door thickness is other than 13/4"

No.	Material Size	Base	Projection	Clearance	Space	Weight	ANSI 156.6
50-PB	1" dia.	2" dia.	31/8"	2 ⁵ /8"	71/2"	7.6 lbs.	J502



Push Bar and Door Pull No. 51-PB, 53-PB

Material: Brass, bronze

Finishes: Available in standard architectural finishes (see page 9)

Mounting: Metal and wood door: type 1, thru bolt,

 $^{1/_4}$ – $20\,x\,^{21/_4}$ MS, finish washers (standard $1^{3/_4}$ door) Metal door: type 2, surface, #8 – $32\,x^{3/_4}$ OH MS Wood door: type 2, surface, #8 $x^{3/_4}$ OH SMS

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

Other: Cast slip-on end brackets

Options: Advise if door thickness is other than 13/4"

No.	Material Size	СТС	Base	Projection	Clearance	Weight	ANSI 156.6
51-PB	1" dia.	Specify	2" dia.	23/8"	11/4"	3.1 lbs.	J501
53-PB	1" dia.	12"	2" dia.	23/8"	11/4"	1.5 lbs.	J401

Push and Pull Bar Set No. 52-PB

Material: Brass, bronze

Finishes: Available in standard architectural finishes (see page 9)

Mounting: Metal door: type 4, back to back, $\frac{1}{4}$ - 20 x $\frac{2^{1}}{4}$ MS and #8 - $\frac{32 \times 3^{4}}{4}$ OH MS

Wood door: type 4, back to back, $^{1}/_{4}$ – $20 \times 2^{1}/_{4}$ " MS and $\#8 \times ^{3}/_{4}$ " OH SMS

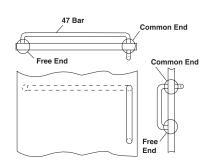
Ordering: Specify CTC, door type, mounting, and finish

Other: Cast slip-on end brackets

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

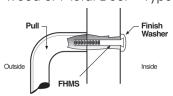
ASSA ABLOY

Typical Mounting



Thru Bolt

Wood or Metal Door - Type 1

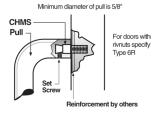


Drill Size

Туре	Bolt Size	Wood	Metal	
1	1/4-20	9/32	9/32	
1HD	⁵ / ₁₆ – 18	11/32	11/32	
1XHD	³ / ₈ - 16	13/32	13/32	

Surface Concealed

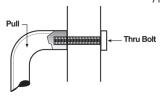
Metal Door - Type 6



Type	Bolt Size	Drill Size - Metal
6	$^{1}/_{4} - 20$	¹ / ₄ -20 tap
6HD	5/16 - 18	⁵ / ₁₆ -18 tap

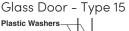
Free End Details

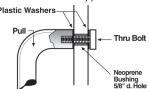
Wood or Metal Door - Type 12



Drill Size

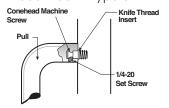
Туре	Bolt Size	Wood	Metal
12	1/4-20	9/32	9/32
12HD	⁵ / ₁₆ - 18	11/32	11/32
12XHD	3/8-16	13/32	13/32





Туре	Bolt Size	Drill Size - Glass
15	1/4-20	5/8
15HD	⁵ / ₁₆ - 18	5/8
15XHD	³ /8 - 16	5/8

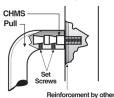
Wood Door - Type 8



Туре	Bolt Size	Drill Size - Wood
8	1/4-20	²³ / ₆₄ x ⁹ / ₁₆ dp
8HD	⁵ / ₁₆ - 18	⁷ / ₁₆ x ⁹ / ₁₆ dp

Metal Door - Type 17

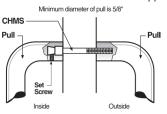
Minimum diameter of pull is 1"



Туре	Bolt Size	Drill Size - Metal
17	$^{1}/_{4} - 20$	¹ / ₄ - 20 tap
17HD	⁵ / ₁₆ – 18	^{5/} 16 – 18 tap

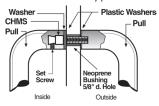
Common End Details

Wood or Metal Door - Type 5



		Drill Siz	ze	
Туре	Bolt Size	Wood	Metal	
5	1/4-20	9/32	9/32	
5HD	⁵ / ₁₆ - 18	11/32	11/32	

Glass Door - Type 13



Туре	Bolt Size	Drill Size - Glass
13	1/4-20	5/8
13HD	⁵ / ₁₆ - 18	5/8

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

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Series 47 Push Bar No. SP47

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes; US32DMS,

US32D316, US32316, white (WPC), red (RPC), and black

(BPC) powder coat finishes (see page 9)

Mounting: Metal and wood door: type 1, 1/4 - 20 x 21/4" thru bolt and

finish washer (standard 13/4" door)

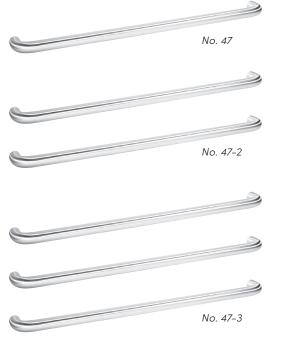
NOTE: See page A10 for detailed mounting drawings

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

Options: • Engraving "PUSH" or "PULL"

Advise if door thickness is other than 13/4"

No.	СТС	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
SP47	Specify	1" dia.	1" dia.	23/4"	11/2"	8.5 lbs.	J501



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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS,

US32D316, US32316, white (WPC), red (RPC), and black

(BPC) powder coat finishes (see page 9)

Mounting: No. 47, 47-2, 47-3:

Metal and wood door: type 1, $^{1}\!/_{4}$ – 20 x $2^{1}\!/_{4}{}^{\shortparallel}$ thru bolt

and finish washer (standard 13/4" door) Metal door: type 6, concealed, 1/4 - 20 CH MS

No. 48 (not shown):

Metal and wood door: type 1, $^{1}/_{4}$ - $20 \times 2^{1}/_{4}$ " thru bolt

and finish washer (standard 13/4" door)

NOTE: See page A10 for detailed mounting drawings

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

• Engraving "PUSH" or "PULL". Specify handing **Options:**

> Heavy duty versions of most fastening types available – use suffix HD to fastening type number (47 Type 6HD)

Advise if door thickness is other than 1³/₄"

PUSH

Engraved

СТС	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
Specify	1" dia.	1" dia.	23/4"	13/4"	8.5 lbs.	J501
Specify	1" dia.	1" dia.	23/4"	13/4"	17.0 lbs.	J501
Specify	1" dia.	1" dia.	23/4"	13/4"	25.5 lbs.	J501
Specify	³/₄" dia.	³/ ₄ " dia.	23/4"	13/4"	4.5 lbs.	J501
	Specify Specify Specify	Specify 1" dia. Specify 1" dia. Specify 1" dia.	Specify 1" dia. 1" dia. Specify 1" dia. 1" dia. Specify 1" dia. 1" dia.	Specify 1" dia. 23/4" Specify 1" dia. 1" dia. 23/4" Specify 1" dia. 1" dia. 23/4"	Specify 1" dia. 1" dia. 23/4" 13/4" Specify 1" dia. 1" dia. 23/4" 13/4" Specify 1" dia. 1" dia. 23/4" 13/4"	Specify 1" dia. 1" dia. 23/4" 13/4" 8.5 lbs. Specify 1" dia. 1" dia. 23/4" 13/4" 17.0 lbs. Specify 1" dia. 1" dia. 23/4" 13/4" 25.5 lbs.

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PB Same

Series 49 Push Bar No. 49-PB with Santoprene grip

Material: Aluminum

Finishes: Available in US28, 313, 314, 315, 10BE, BSP (Black Suede),

WSP (White Suede), stock powder coat finishes (see page 9)

Mounting: • Metal and wood door: type 1, $^{1}/_{4}$ "-20 x 2 $^{1}/_{4}$ " thru bolt and finish

washer (standard 1 3/4" door)

 \bullet Metal and wood door: type 5 back-to-back, 1/4"-20 x $2^{1/_4}$

cone head machine screws

• Metal door: type 6, concealed, 1/4"-20 Cone Head Machine Screws

 Glass door: type 13, back-to-back, ¹/₄"-20 x 1¹/₈" conehead machine screws and finish washer

Features: Santoprene™ durable weather resistant grip

Options: Heavy duty versions of most fastening types available - use suffix

HD to fastening type number (49 Type 6HD) Advise if door thickness is other than 13/4"

See page B13 for mounting selection (standard duty $^{1}/_{4}$ " - 20)

No.	СТС	Material Size	Base	Projection	Clearance	Weight
49-PB	Specify	1" dia.	1" dia.	23/4"	13/4"	9.5 lbs.



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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

US32**316**, white (WPC), red (RPC), and black (BPC) powder coat

finishes (see page 9)

Mounting: No. BP47:

Metal and wood door: type 1, $\frac{1}{4}$ - 20 x $2^{1/4}$ " thru bolt and finish washer

(standard 13/4" door)

Metal door: type 6, concealed, 1/4-20 CH MSx1/2" thread

No. BP47-2, BP47-3:

Metal and wood door: type 1, $^{1}\!/_{4}$ – 20 x $2^{1}\!/_{4}$ " thru bolt and finish

washer (standard 13/4" door)

Metal door: type 2, surface, #8-32 x³/₄" OH MS Wood door: type 2, surface, #8 x³/₄" OH SMS

Metal door: type 6, concealed, $\frac{1}{4}$ – 20 CH MS x $\frac{1}{2}$ " thread

NOTE: See page A10 for detailed mounting drawings

Ordering: Options:

No. BP47-2

No. BP47-3

Specify CTC, door type, mounting and finish.

• Engraving "PUSH" or "PULL". Specify handing

 Heavy duty versions of most fastening types available use suffix HD to fastening type number (BP47 Type 6HD)

Advise if door thickness is other than 1³/₄"



No.	СТС	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
BP47	Specify	1" dia.	1 ¹ / ₄ " dia.	2 ⁷ /8"	1 ⁷ / ₈ "	9.0 lbs.	J501
BP47-2	Specify	1" dia.	2"x6"	2 ⁷ / ₈ "	17/8"	18.0 lbs.	J501
BP47-3	Specify	1" dia.	2"x10"	2 ⁷ / ₈ "	17/8"	27.5 lbs.	J501



Series 47 Straight Single Bar Sets

Material: Aluminum, brass, bronze, stainless steel

Mounting:

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9).

Pull Push Mounting Door Common Description Free End Free End End Spec. No. 5 T3** Metal & wood Back to back & thru bolt Metal 6 5 Back to back & 6 TΔ concealed Wood 8 8 5 Back to back & T5 concealed Metal & wood 12 12 5 Back to back & T1 decorative bolt Glass 15 15 13 Back to back & T2 thru bolt

NOTE: See page A10 for detailed mounting drawings

Ordering: Specify product number, mounting, door type, push bar CTC, and finish

(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)

NOTE: Pull bar Projection: 3-1/2" for Stainless Steel and 3" for Aluminum, Brass and Bronze.



		Pull			Push			
No.	Material Size	стс	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
11047	1" dia.	8"	31/2"	2"	23/4"	13/4"	11.5 lbs.	J504
111A47	1" dia.	9"	31/2"	2"	23/4"	13/4"	11.7 lbs.	J504
11147	1" dia.	10"	31/2"	2"	23/4"	13/4"	12.0 lbs.	J504
11247	1" dia.	12"	31/2"	2"	23/4"	13/4"	12.5 lbs.	J504
11847	1" dia.	18"	31/2"	2"	23/4"	13/4"	14.0 lbs.	J504

Pull projection is $3^{1}/2^{11}$ for stainless steel and 3^{11} for aluminum, brass and bronze.

ROCKWOOD ASSA ABLOY

^{**} T3 is the standard mounting method for metal and wood doors.



Series 47 Straight Double Bar Sets

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9).

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

 $^{^{\}star\star}$ 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 (11247-2 T3,

wood door, 33" CTC, US32D316)

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

• 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)

NOTE: Pull bar Projection: 3-1/2" for Stainless Steel and 3" for Aluminum, Brass and Bronze.

		Pull			Push			
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
11047-2	1" dia.	8"	3"	2"	23/4"	13/4"	20.0 lbs.	J504
111A47-2	1" dia.	9"	3"	2"	23/4"	13/4"	20.2 lbs.	J504
11147-2	1" dia.	10"	3"	2"	23/4"	13/4"	20.5 lbs.	J504
11247-2	1" dia.	12"	3"	2"	23/4"	13/4"	21.0 lbs.	J504





Series 47 Straight Triple Bar Sets

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9).

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

Specify product number, mounting, door type, push bar CTC, and finish (11247-3 T3, wood Ordering:

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 (BP11047-3) when ordering

• Heavy duty versions of most fastening types available — use suffix HD to fastening type number (11047-3 T3HD)

NOTE: Pull bar Projection: 3-1/2" for Stainless Steel and 3" for Aluminum, Brass and Bronze.

		Pull			Push	Push		
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
11047-3	1" dia.	8"	3"	2"	23/4"	13/4"	28.5 lbs.	J504
111A47-3	1" dia.	9"	3"	2"	23/4"	13/4"	28.7 lbs.	J504
11147-3	1" dia.	10"	3"	2"	23/4"	13/4"	29.0 lbs.	J504
11247-3	1" dia.	12"	3"	2"	23/4"	13/4"	29.5 lbs.	J504





Series 47 Offset Single Bar Sets

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9).

Mounting:	Door	Pull Free End	Push Free End	Common End	Description	Mounting Spec. No.
	Metal & wood	1	1	5	Back to back & thru bolt	T3**
	Metal	17	17	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

 $^{^{\}star\star}$ 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

(BF15747 T3, wood door, 33" CTC, US32D316)

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

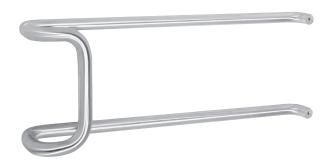
Options: • Engraving "PUSH" or "PULL". Specify handing

• Base plates available similar to those shown on page A12 — use BP prefix (BPBF15747)

 Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF15647 T3HD)

		Pull			Push			
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
BF15647	1" dia.	8"	31/2"	21/2"	23/4"	13/4"	12.4 lbs.	J505
BF157A47	1" dia.	9"	31/2"	21/2"	23/4"	13/4"	12.6 lbs.	J505
BF15747	1" dia.	10"	31/2"	21/2"	23/4"	13/4"	12.8 lbs.	J505
BF15847	1" dia.	12"	31/2"	21/211	23/4"	13/4"	13.3 lbs.	J505
BF15947	1" dia.	18"	31/2"	21/2"	23/4"	13/4"	15.0 lbs.	J505





Series 47 Offset Double Bar Sets

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC),

red (RPC), and black (BPC) powder coat finishes (see page 9).

Mounting:

Door	Push Free End	Common End	Description	Mounting Spec. No.
Metal & wood	1	5	Back to back & thru bolt	T3**
Metal	17	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

 $\textbf{Ordering:} \qquad \text{Specify product number, mounting, door type, push bar CTC, and finish}$

(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

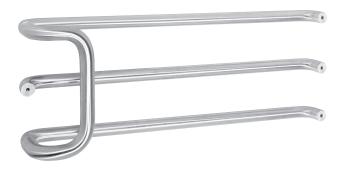
• Base plates available similar to those shown on page A12 — use BP prefix

(BPBF15747-2) when ordering

 Heavy duty versions of most fastening types available — use suffix HD to fastening type number (BF15647–2 T3HD)

		Pull		Push				
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
BF15647-2	1" dia.	8"	31/2"	21/2"	23/4"	13/4"	20.9 lbs.	J505
BF157A47-2	1" dia.	9"	31/2"	21/2"	23/4"	13/4"	21.1 lbs.	J505
BF15747-2	1" dia.	10"	31/2	21/2"	23/4"	13/4"	21.3 lbs.	J505
BF15847-2	1" dia.	12"	31/2"	21/2"	23/4"	13/4"	21.8 lbs.	J505





Series 47 Offset Triple Bar Sets

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9).

Mounting:	Mounting: Door		Common End	Description	Mounting Spec. No.
	Metal & wood	1	5	Back to back & thru bolt	T3**
	Metal	17	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

 $^{^{\}star\star}$ 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 (BF15747-3 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

(BPBF15747-3) when ordering

• Heavy duty versions of most fastening types available — use suffix HD to fastening

type number (BF15647-3 T3HD)

		Pull			Push			
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
BF15647-3	1" dia.	8"	31/2"	21/2"	23/4"	13/4"	29.4 lbs.	J505
BF157A47-3	1" dia.	9"	31/2"	21/2"	23/4"	13/4"	29.6 lbs.	J505
BF15747-3	1" dia.	10"	31/2"	21/2"	23/4"	13/4"	29.8 lbs.	J505
BF15847-3	1" dia.	12"	31/2"	21/2"	23/4"	13/4"	30.3 lbs.	J505



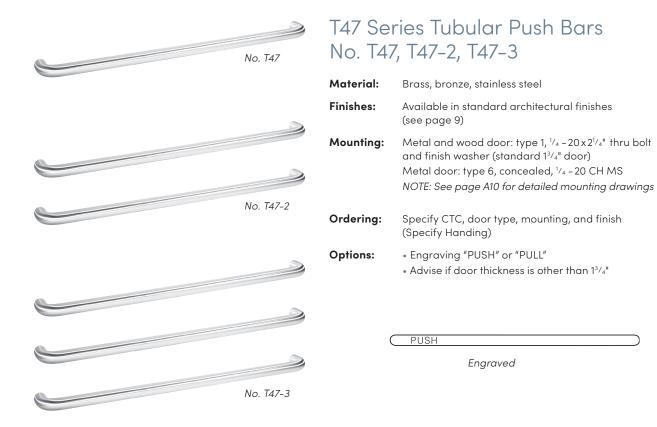
T Series 1" Tubular Push Bars and Push & Pull Bar Sets

The Rockwood T Series 1" diameter tubular push and pull bar sets are made from sturdy .065" thick wall tubing. Solid brass or stainless steel inserts are brazed into the ends to provide a solid area for our guaranteed mounting systems.

- Benefits of specifying the T Series push and pulls include:
- Tubular pulls weigh 25% less than their solid counterparts; this 75% weight reduction greatly reduces the environmental impact of harvesting material for their manufacture – a LEED certified building goal
- The lighter weight minimizes the risk of damage in shipping and handling
- The cost of most tubular pulls represents a significant savings over the equivalent solid model

Considering all the benefits, the T Series pulls offer an improved value without any quality sacrifice.

T Series is also available in straight pulls (see page B15) and offset pulls (see page B29).



No.	СТС	Material Size	Base	Projection	Clearance	Weight	ANSI 156.6
T47	Specify	1" dia.	1" dia.	23/4"	13/4"	2.9 lbs.	J501
T47-2	Specify	1" dia.	1" dia.	23/4"	13/4"	5.8 lbs.	J501
T47-3	Specify	1" dia.	1" dia.	23/4"	13/4"	8.7 lbs.	J501



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T47 Series Straight Tubular Single Bar Sets

Material: Brass, bronze, stainless steel

Mounting:

Finishes: Available in standard architectural finishes (see page 9)

Door	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

(T11247 T3, wood door, 33" CTC, US32D)

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

Options: • Engraving "PUSH" or "PULL". Specify handing

 \bullet Base plates available similar to those shown on page A12 - use BP prefix (TBP11047) when ordering



PUSH

Engraved

			Pull			Push		
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
T11047	1" dia.	8"	3"	2"	23/4"	13/4"	3.9 lbs.	J504
T111A47	1" dia.	9"	3"	2"	23/4"	13/4"	4.0 lbs.	J504
T11147	1" dia.	10"	3"	2"	23/4"	13/4"	4.0 lbs.	J504
T11247	1" dia.	12"	3"	2"	23/4"	13/4"	4.1 lbs.	J504
T11847	1" dia.	18"	3"	2"	23/4"	13/4"	4.6 lbs.	J504







TBF47 Series Offset Tubular Single Bar Sets

Material: Brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Mounting:

Door	Pull Free End	Push Free End	Common End	Description	Mounting Spec. No.
Metal & wood	1	1	5	Back to back & thru bolt	T3**
Metal	17	17	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

(TBF15747 T3, wood door, 33" CTC, US32D)

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

(TBF15747) when ordering

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	Pull Push							
No.	Material Size	СТС	Projection	Clearance	Projection	Clearance	Weight	ANSI 156.6
TBF15647	1" dia.	8"	31/2"	21/2"	23/4"	13/4"	4.2 lbs.	J504
TBF157A47	1" dia.	9"	31/2"	21/2"	23/4"	13/4"	4.3 lbs.	J504
TBF15747	1" dia.	10"	31/2"	21/2"	23/4"	13/4"	4.3 lbs.	J504
TBF15847	1" dia.	12"	31/2"	21/2"	2 ³ / ₄ "	13/4"	4.4 lbs.	J504
TBF15947	1" dia.	18"	31/2"	21/2"	23/4"	13/4"	4.9 lbs.	J504



Straight Single Bar Set with Santoprene Grip No. 19049

Material: Aluminum

Finishes: Available in US28, 313, 314, 315, 10BE, BSP (Black Suede), WSP (White Suede),

stock powder coat finishes (see page 9)

Features: Santoprene™ durable weather resistant grip

Mounting:

Pull Free End	Push Free End	Common End	Description	Mounting Spec. No.
1	1	5	Back to back & thru bolt	T3**
6	6	5	Back to back & concealed	T4
8	8	5	Back to back & concealed	T5
12	12	5	Back to back & decorative bolt	T1
15	15	13	Back to back & thru bolt	T2
	End 1 6 8 12	End End 1 1 6 6 8 8 12 12	End End End 1 1 5 6 6 5 8 8 5 12 12 5	End End Description 1 1 5 Back to back & thru bolt 6 6 5 Back to back & concealed 8 8 5 Back to back & concealed 12 12 5 Back to back & decorative bolt 15 13 Back to back & decorative b

^{**}T3 is the standard mounting method for Metal and Wood Doors

(See mounting selections at rockwoodmfg.com)

Ordering: Specify product number, mounting, door type, push bar CTC, and finish

(i.e., 19049 T3, wood door, 33" CTC, US28)

Options: Base plates available — use BP prefix (BP19049) when ordering

Advise if door thickness is other than 13/4"

No.	Material Size	Pull CTC	Pull Projection	Pull Clearance	Push CTC	Push Projection	Push Clearance	Weight
19049	1" dia.	12"	31/2"	2"	36"	23/4"	13/4"	11.7 lbs.



Offset Single Bar Set with Santoprene Grip No. BF19549

Material: Aluminum

Finishes: Available in US28, 313, 314, 315, 10BE, BSP (Black Suede), WSP (White Suede), stock powder

coat finishes (see page 9)

Features: Santoprene™ durable weather resistant grip

Mounting:

Door	Pull Free End	Push Free End	Common End	Description	Mounting Spec. No.
Metal & wood	1	1	5	Back to back & thru bolt	T3**
Metal & wood	17	17	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 (See mounting selections at rockwoodmfg.com)

Ordering: Specify product number, mounting, door type, push bar CTC, and finish (i.e., BF19549 T3,

wood door, 33" CTC, US28)

Options: Base plates available — use BP prefix (BPBF19049) when ordering

Advise if door thickness is other than 13/4"

No.	Material Size	Pull CTC	Pull Projection	Pull Clearance	Push CTC	Push Projection	Push Clearance	Weight
BF19549	1" dia.	18"	31/2"	21/2"	36"	23/4"	13/4"	15.2 lbs.



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:

- 11/4" standard cylinder hole cutout size
- 3/8" diameter standard turn knob hole
- Other cutout sizes and styles are readily available

Engraving:

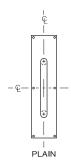
- 1" high condensed block letters with black enamel fill
- Other letter sizes and styles are readily available

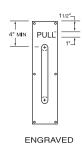
ADA Accessibility Guidelines for Buildings and Facilities (ADAAG)

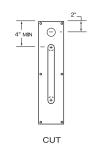
As amended through 2004

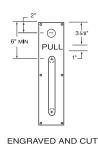
4.13.9 Door Hardware. Handles, pulls, latches, locks, and other operating devices on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, tight pinching, or twisting of the wrist to operate. Leveroperated mechanisms, push-type mechanisms, and U-shaped 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" (1220 mm) above finished floor.

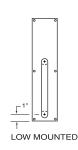
Pull Positioning on Plates 4" or Less in Width



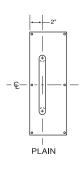


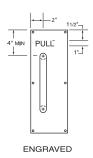


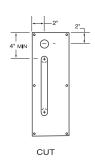


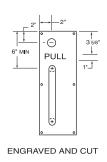


Pull Positioning on Plates Wider than 4" (Handing Required)

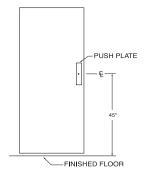


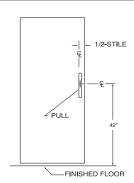






Recommended Locations on Door





ROCKWOOD ASSA ABLOY

Push Plates - .050" Thick

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, and US32D316 (see page 9)

Fastener: #6x⁵/₈" OH SMS

Features: Four beveled edges

Ordering: Specify plate number followed by size designation and finish (70B US32D) or for non-standard size 70

Specify width x height and finish. Specify any additional options

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 (CFC) and turn knob cutouts (CFTT). See page B1 for standard locations and sizes

• Heavy bevel available on 70A to 70G, specify HVBEV



No. 70

No.	Standard Size	Weight	ANSI A156.6
70A	3"x12"	0.7 lbs.	J301
70B	3 ¹ / ₂ " x 15"	0.9 lbs.	J301
70C-RKW	4"x16"	1.0 lbs.	J301
70E	6"x16"	1.5 lbs.	J301
70F	8"x16"	2.0 lbs.	J301
70G	4" x 20"	1.3 lbs.	J301



No. 70RC

No.	Standard Size	Weight	ANSI A156.6
70RCA	3"x12"	0.7 lbs.	J301
70RCB	3 ^{1/} 2" x 15"	0.9 lbs.	J301
70RCC	4"x16"	1.0 lbs.	J301
70RCE	6"x16"	1.5 lbs.	J301
70RCF	8"x16"	2.0 lbs.	J301
70RCG	4"x20"	1.3 lbs.	J301



No. 70RE

No.	Standard Size	Weight	ANSI A156.6
70REA	3"x12"	0.7 lbs.	J301
70REB	3 ¹ / ₂ " x15"	0.9 lbs.	J301
70REC	4"x16"	1.0 lbs.	J301



Push Plates - .062" Thick

Material: Stainless steel

Finishes: Available in standard architectural finishes (see page 9)

#6 x 5/8" OH SMS Fastener: Features: Four beveled edges

Ordering: Specify plate number followed by size designation and finish (71B US32D) or for non-standard size 71

Specify width x height and finish. Specify any additional options

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 (CFC) and turn knob cutouts (CFTT). See page B1 for standard locations and sizes



No. 71

No.	Standard Size	Weight	ANSI A156.6
71A	3"x12"	0.9 lbs.	J301
71B	3 ¹ / ₂ " x15"	1.1 lbs.	J301
71C	4"x16"	1.2 lbs.	J301
71E	6"x16"	1.8 lbs.	J301
71F	8"x16"	2.4 lbs.	J301
71G	4"x20"	1.5 lbs.	J301



No. 71RC

No.	Standard Size	Weight	ANSI A156.6
71RCA	3"x12"	0.9 lbs.	J301
71RCB	3 ¹ / ₂ " x15"	1.1 lbs.	J301
71RCC	4"x16"	1.2 lbs.	J301
71RCE	6"x16"	1.8 lbs.	J301
71RCF	8"x16"	2.4 lbs.	J301
71RCG	4"x20"	1.5 lbs.	J301



No. 71RE

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No.	Standard Size	Weight	ANSI A156.6
71REA	3"x12"	0.9 lbs.	J301
71REB	3 ¹ / ₂ " x15"	1.1 lbs.	J301
71REC	4"x16"	1.2 lbs.	J301

Push Plates - .125" Thick

Four beveled edges

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, and US32D316 (see page 9)

Fastener: #6 x ⁵/₈" OH SMS

Features:

Ordering: Specify plate number followed by size designation and finish (73B US32D) or for non-standard size 73

Specify width x height and finish. Specify any additional options

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 (CFC) and turn knob cutouts (CFTT). See page B1 for standard locations and sizes



No. 73

No.	Standard Size	Weight	ANSI A156.6
73A	3"x12"	1.7 lbs.	J304
73B	3 ¹ / ₂ " x 15"	2.1 lbs.	J304
73C	4"x16"	2.5 lbs.	J304
73E	6"x16"	3.8 lbs.	J304
73F	8"x16"	5.0 lbs.	J304
73G	4"x20"	3.2 lbs.	J304



No. 73RC

No.	Standard Size	Weight	ANSI A156.6
73RCA	3"x12"	1.7 lbs.	J304
73RCB	3 ¹ / ₂ " x 15"	2.1 lbs.	J304
73RCC	4"x16"	2.5 lbs.	J304
73RCE	6"x16"	3.8 lbs.	J304
73RCF	8"x16"	5.0 lbs.	J304
73RCG	4"x20"	3.2 lbs.	J304



No. 73RE

No.	Standard Size	Weight	ANSI A156.6
73REA	3"x12"	1.7 lbs.	J304
73REB	3 ¹ / ₂ " x 15"	2.1 lbs.	J304
73REC	4"x16"	2.5 lbs.	J304



Push Plates – .125" Thick No. 75

Material: Plastic laminate, clear plastic, Kydex®

Colors: Black, brown, gray, beige, white, and clear

#6x5/8 OH SMS Fastener:

Features: Four beveled edges

Ordering: Specify color and any other options **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 (CFC) and turn knob cutouts (CFTT). See page B1 for standard locations and sizes



No.	Standard Size	Weight	ANSI
75A	3"x12"	0.3 lbs.	J304
75B	3 ¹ / ₂ " x15"	0.4 lbs.	J304
75C	4"x16"	0.5 lbs.	J304
75E	6"x16"	0.7 lbs.	J304
75F	8"x16"	0.9 lbs.	J304
75G	4"x20"	0.6 lbs.	J304

[®] Kydex is a registered trademark of Kleerdex Company.



Decorative Push Plates – .050" Thick No. 76, 77

Material: Brass, bronze

Finishes: Available in standard architectural finishes (see page 9)

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 B22

No.	Standard Size	Weight	ANSI
76B	3 ¹ / ₂ " x 15"	0.9 lbs.	J301
76C	4"x16"	1.0 lbs.	J301
77B	3 ¹ / ₂ " x 15"	0.9 lbs.	J301
77C	4"x16"	1.0 lbs.	J301



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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, and US32D316 (see

page 9)

Fastener: #6 x⁵/₈" 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"x12"	1.4 lbs.	J301
81	7 ¹ / ₂ " x15"	1.6 lbs.	J301
82	8"x16"	1.8 lbs.	J301



Push Plate - .050" Thick No. 84

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, and US32D316 (see

page 9)

Fastener: $#6x^{5/8}$ " OH SMS

Ordering: Specify finish and handing (right 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"x20"	2.1 lbs.	J301

ROCKWOOD ASSA ABLOY

800 458 2424 | www.rockwoodmfg.com Check the web site for the up-to-date catalog



Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, and US32DMS (see page 9)

#6 x 5/8" OH SMS Fastener:

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	3 ¹ / ₂ " x15"	0.9 lbs.	J302
86	4"x16"	1.0 lbs.	J302

Push Plate - .125" Thick No. 87

Aluminum, brass, bronze, stainless steel Material:

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Finishes: Available in standard architectural finishes (see page 9)

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	2 ⁵ / ₈ " x 16"	2.0 lbs.	J304

ROCKWOOD ASSA ABLOY



Heavy Duty Security Flush Pull No. D89

Material: Cast brass

Finishes: Available in US4, 10BE and US26D (see page 9)

Fastener: $\frac{1}{4}$ - $20 \times \frac{1}{2}$ OH Security Torx MS

#14 x 1" OH Security Torx SMS

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
D89	4"x5"	1 ³ / ₄ " x 3 ¹ / ₂ "	⁷ /8"	1.3 lbs.	J403



Cylinder Pulls No. 90, 90B

Material: .125" aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, and US32DMS (see page 9)

Fastener: #8 x 3/4" OH SMS

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

No.	Size	Opening	Projection	Weight	ANSI A156.6
90	$2"x3^{3/4}"$	1 ¹ / ₄ " dia.	1"	0.3 lbs.	J303
90B	2"x3 ³ / ₄ "	_	1"	0.3 lbs.	J303



Combination Push Pull Plates No. 91–RKW, 92–RKW, 93–RKW

Material: .125" aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, and US32DMS (see page 9)

Fastener: $#8x^{7/8}$ SMS

Options: • TORX – security Torx screws

• Cylinder cutouts (CFC) and turn knob cutouts (CFTT). See page B1 for

standard locations and sizes

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



Flush Pulls No. 94, 94BTB

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, and US32316 (see page 9)

NOTE: Cups are painted black on all finishes except stainless steel.

Fastener: No. 94: #8 x ³/₄ " SMS

No. 94BTB: $\#8-32x^{3/4}$ " OH MS with sleeves Type 10

Options: TORX – security Torx screws

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94	3 ¹ / ₂ " x 5"	$1^{3}/_{4}$ " x $3^{1}/_{8}$ "	⁷ / ₈ "	0.6 lbs.	J403
94BTB (pair)	3 ¹ / ₂ " x 5"	1 ³ / ₄ " x 3 ¹ / ₈ "	13/4"	1.2 lbs.	J403



Flush Pull No. 94C

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, and US32316 (see page 9)

NOTE: Cups are painted black on all finishes except stainless steel

Fastener: #6x1" TH SMS.

Features: • Fasteners concealed in cup.

• Accepted by the New York State Office of Mental Health (OMH) for use in high risk areas

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94C	$3^{1/2}$ " x 5"	1 ³ / ₄ " x 3 ¹ / ₈ "	⁷ / ₈ "	0.6 lbs.	J403



Dead Lock Flush Pulls No. 94DLL, 94DLS

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, and US32316

(see page 9)

NOTE: Cups are painted black on all finishes except stainless steel

Fastener: $#8x^{3/4}$ OH SMS.

Features: • Used with dead bolt lock. 11/4" cylinder hole is standard

• Vandal resistant.

• Use where projecting trim is an operational problem or an aesthetic 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

Options: • TORX – security Torx screws

Custom sizes

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94DLL	6 ¹ / ₈ " x 8"	$1^{3}/_{4}$ " x $6^{1}/_{8}$ "	⁷ / ₈ "	1.0 lbs.	J403
94DLS	6 ^{1/} 8" x 5"	1 ³ / ₄ " x 3 ¹ / ₈ "	7/ ₈ "	0.8 lbs.	J403





Flush Pull No. 94L

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

and US32316 (see page 9)

NOTE: Cups are painted black on all finishes except stainless steel

Fastener: $^{1}/_{4}$ - $20 \times 1^{1}/_{2}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

Features: Includes lugs for thru bolt. No fasteners on pull side

Options: • TORX – security Torx screws

• Advise if door thickness other than 13/4"

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94L	3 ¹ / ₂ " x 5"	$1^{3}/_{4}$ " x $3^{1}/_{8}$ "	⁷ / ₈ "	0.6 lbs.	J403



Flush Pull No. 94P

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, and

US32316 (see page 9)

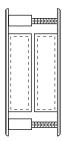
NOTE: Cups are painted black on all finishes except stainless steel

Fastener: $\frac{1}{4} - 20 \times \frac{1}{2}$ MS

Features: Usually used with the 94L as a set (see below)

Options: TORX - security Torx screws

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
94P	$3^{1/2}$ " x 5"	$1^{3}/_{4}$ " x $3^{1}/_{8}$ "	⁷ / ₈ "	0.6 lbs.	J403



Flush Pull Set No. 94P x 94L

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, and

US32**316** (see page 9)

NOTE: Cups are painted black on all finishes except stainless steel

Fastener: $\frac{1}{4}$ – 20 x $\frac{1}{2}$ " thru bolt (standard $\frac{1}{4}$ " door)

Options: • TORX – security Torx screws

• Advise if door thickness other than 13/4"

No.	Size	Weight	ANSI A156.6
94P x 94L	Set consists of 194L and 194P	1.3 lbs.	J403





Flush Pull No. 95A

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

#6x5/8" SMS Fastener:

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

Available in standard architectural finishes (see page 9) Finishes:

Fastener: #8 x ⁷/₈" SMS

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 9)

Fastener: #8 x 7/8" SMS

Features: Fasteners concealed in cup

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
95R	31/2" 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 9)

Fastener: $#8 \times \frac{3}{4}$ " FH SMS

Options: • TORX – security Torx screws

• Special sizes

• Cylinder cutouts (CFC) and turn knob cutouts (CTFF). See page B1 for

standard locations and sizes

No.	Size	Grip Opening	Depth	Weight	ANSI A156.6
96	4"x16"	$1^{3}/_{4}$ " x $3^{1}/_{8}$ "	⁷ /8 ^{II}	2.2 lbs.	J403



No. BF97

Barrier Free Flush Pulls No. BF97, BF97L

Material: .125" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, and US32DMS (see page 9).

Fastener: No. BF97: #8 x 3/4" FH SMS

No. BF97L: #8 - 32 stud welded lugs and #8 - 32 FH MS

Options: TORX – security Torx screws

Features: ADA flush pull

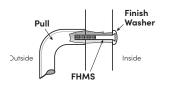


No. BF97L

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

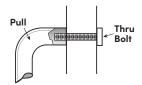
Thru Bolt

Wood or Metal Door – Type 1



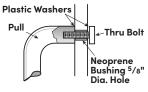
	Drill Size			
Туре	Bolt Size	Wood	Metal	
1	1/4 - 20	9/32	9/32	
1HD	5/16 - 18	11/32	11/32	
1XHD	³ / ₈ - 16	13/32	13/32	

Wood or Metal Door – Type 12



		Drill Size		
Туре	Bolt Size	Wood	Metal	
12	1/4 - 20	9/32	9/32	
12HD	⁵ / ₁₆ - 18	11/32	11/32	
12XHD	3/8 - 16	13/32	13/32	

Glass Door – Type 15

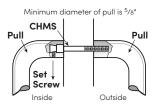


		Drill Size
Туре	Bolt Size	Glass
15	1/4 - 20	5/8
15HD	⁵ / ₁₆ - 18	5/8
15XHD	³ /8- 16	5/8

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

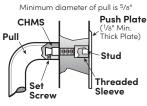
Back to Back

Wood or Metal Door – Type 5



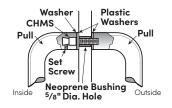
		Dril	l Size
Туре	Bolt Size	Wood	Metal
5	1/4 - 20	9/32	9/32
5HD	⁵ / ₁₆ - 18	11/32	11/32

Any Door Type - Type 9



		Drill Size
Туре	Bolt Size	Metal
9	1/4 - 20	N/A

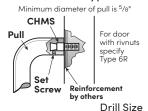
Glass Door - Type 13



		Drill Size
Туре	Bolt Size	Glass
13	1/4 - 20	⁵ / ₈
13HD	⁵ / ₁₆ - 18	⁵ / ₈

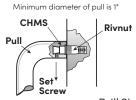
Surface Concealed

Metal Door - Type 6



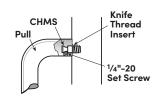
		2 0.20			
Туре	Bolt Size	Metal			
6	1/4 - 20	¹ / ₄ - 20 tap			
6HD	⁵ / ₁₆ - 18	⁵ / ₁₆ – 18 tap			

Metal Door - Type 6R



		Drill Size	
Туре	Bolt Size	Metal	
6R	1/4-20	N/A	

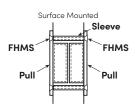
Wood Door - Type 8



		Drill Size
Туре	Bolt Size	Wood
8	1/4 - 20	²³ / ₆₄ x ⁹ / ₁₆ dp
8HD	⁵ / ₁₆ – 18	⁷ / ₁₆ x ⁹ / ₁₆ dp

Flush Pull Mounting

Wood or Metal Door - Type 10

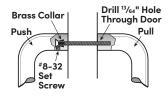


Туре		Drill Size					
	Bolt Size	Wood	Metal				
10	8 - 32	9/32	9/32				

Type 10 Mounting applies to the 94 Series Flush Pulls

Wire or Small PostMount Pull Mounting

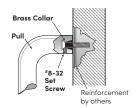
Wood or Metal Door - Type 5S



		Drill Size				
Туре	Bolt Size	Wood	Metal			
5S	8 - 32	¹³ / ₆₄	¹³ / ₆₄			

NOTE: This mounting should only be used on pulls with mounting points that are 1/2" in diameter.

Surface Concealed Wood or Metal Door – Type 6S



		Drill Size
Туре	Bolt Size	Wood Metal
5S	8 - 32	8 - 32 Tap

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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9)

Fastener: $\frac{1}{4}$ 20 x $2^{1/4}$ " thru bolt & finish washer (standard $\frac{13}{4}$ " door)

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 is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

• 2¹/₂" Barrier Free clearance — use BF prefix (BF107)

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
102-RKW	⁵ / ₈ " dia.	51/2"	61/8"	5/8"	21/8"	11/2"	0.6 lbs.	_
105	³/ ₄ " dia.	51/2"	61/4"	3/4"	25/8"	1 ⁷ /8"	1.2 lbs.	J401
106-RKW	³/ ₄ " dia.	6"	63/4"	3/4"	25/8"	1 ⁷ / ₈ "	1.3 lbs.	J401
107	³/ ₄ " dia.	8"	83/4"	3/4"	25/8"	17/8"	1.6 lbs.	J401
108	³/ ₄ " dia.	10"	103/4"	3/4"	25/8"	1 ⁷ / ₈ "	1.8 lbs.	J401
109	3/4" dia.	12"	123/4"	3/4"	25/8"	17/8"	2.1 lbs.	J401

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



Aluminum, brass, bronze, stainless steel

Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9)

Fastener:

 $^{1}/_{4}$ - 20 x $^{2}/_{4}$ " thru bolt & finish washer (standard $^{13}/_{4}$ " door)

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 is other than 13/4"
- Heavy duty versions of most fastening types available use suffix HD to fastening type number (112BTB5HD)
- See page B13 for mounting selection (standard duty 1/4-20)
- 21/2" Barrier Free clearance use BF prefix (BF110)

No.	Material Size	СТС	Overall	Base	Pull Projection (Stainless)	Pull Projection (Brass, Bronze)	Clearance (Stainless)	Clearance (Brass Bronze)	Weight	ANSI A156.6
110-RKW	1" dia.	8"	9"	1"	31/2"	3"	21/2"	2"	3.0 lbs.	J401
111A	1" dia.	9"	10"	1"	31/2"	3"	21/2"	2"	3.3 lbs.	J401
111	1" dia.	10"	11"	1"	31/2"	3"	21/2"	2"	3.5 lbs.	J401
112	1" dia.	12"	13"	1"	31/2"	3"	21/2"	2"	4.0 lbs.	J401
118	1" dia.	18"	19"	1"	31/2"	3"	21/2"	2"	5.4 lbs.	J401

Pull projection is $3^{1}/_{2}$ " for stainless steel and 3" for aluminum, brass and bronze.



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T Series 1" Tubular Pulls

Rockwood T Series 1" diameter straight tubular pulls are made from sturdy .065" thick wall tubing. Solid brass or stainless steel inserts are brazed into the ends to provide a solid area for our guaranteed mounting systems.

Benefits of specifying the T Series push and pulls include:

- Tubular pulls weigh 25% less than their solid counterparts; this 75% weight reduction greatly reduces the environmental impact of harvesting material for their manufacture – a LEED certified building goal
- The lighter weight minimizes the risk of damage in shipping and handling
- The cost of most tubular pulls represents a significant savings over the equivalent solid model

Considering all the benefits, the T Series pulls offer an improved value without any quality sacrifice.

T Series is also available in offset pulls (see page B29) and in both Series 47 push bars and push & pull bar sets (see pages A19-A21).



Tubular Door Pulls No. T110, T111A, T111, T112, T118

Material: Brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9) $^{1}/_{4}$ - 20 x $^{2}/_{4}$ " thru bolt & finish washer (standard $^{13}/_{4}$ " door) Fastener:

Options: • Back to back mounting in pairs — use BTB suffix and mounting

type number (T112BTB5)

• Concealed mounting single pulls – use C suffix and mounting type number (T112C6)

Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty $\frac{1}{4}$ - 20)

• 2¹/₂" Barrier Free clearance — use BF prefix (TBF110)

No.	Material Size	СТС	Overall	Base	Pull Projection (Stainless)	Pull Projection (Brass, Bronze)	Clearance (Stainless)	Clearance (Brass Bronze)	Weight	ANSI A156.6
T110	1" dia.	8"	9"	1"	31/2"	3"	21/2"	2"	1.0 lbs.	_
T111A	1" dia.	9"	10"	1"	31/2"	3"	21/2"	2"	1.1 lbs.	J401
T111	1" dia.	10"	11"	1"	31/2"	3"	21/2"	2"	1.1 lbs.	J401
T112	1" dia.	12"	13"	1"	31/2"	3"	21/2"	2"	1.2 lbs.	J401
T118	1" dia.	18"	19"	1"	31/2"	3"	21/2"	2"	1.7 lbs.	J401

Pull projection is $3^{1}/_{2}$ " for stainless steel and 3" for aluminum, brass and bronze.







Concealed Mount Pull Plate Sets No. 107 x 73B/73BL, 110 x 73C/73CL, 111 x 73C/73CL

Material: Stainless steel

Finishes: US32D

Fastener: Type 9. Stud welded lugs on the back of the push plate are permanently attached to

the ½" thick push plate. Cone head MS attached to selected door pull

Features: • This set has no perimeter screw holes in either plate

• Concealed mounting system. Any of the rod type door pulls from

No. 105 to No. 118 are appropriate for this application

Options: • Engraving on plates 4" wide or wider. Specify copy. See page B1 for standard

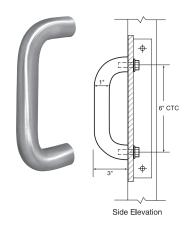
engraving locations

• Cylinder cutouts (CFC) and turn knob cutouts (CFTT). See page B1 for standard

locations and sizes

• *Other overall sizes available upon request

No.	Pull	Pull Size	Pull CTC	Pull Plate	Push Plate	Overall*	Weight	ANSI A156.6
107×73B/73BL	107	³ / ₄ " dia.	8"	73B	73BL	3 ^{1/} 2" x15"	5.8 lbs.	J406
110 x 73 C / 73 C L	110	1" dia.	8"	73C	73CL	4"x16"	8.0 lbs.	J406
111×73C/73CL	111	1" dia.	10"	73C	73CL	4"x16"	8.5 lbs.	J406



Security Door Pull No. 110-6SP

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

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	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
110 - 6SP	1" dia.	6"	7"	1"	3"	2"	2.4 lbs.	J401





Door Pulls with Base Plates No. Y102, Y105, Y106, Y107, Y108, Y109

Material: Aluminum, brass, bronze, stainless steel

Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), Finishes:

red (RPC), and black (BPC) powder coat finishes (see page 9)

 $^{1}/_{4}$ – 20 x $2^{1}/_{2}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

Features: 1/8" base plates improve stability on the door. Recommended for glass and wood doors

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 is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
Y102	⁵ / ₈ " dia.	51/2"	61/8"	⁷ / ₈ "	21/8"	11/2"	0.6 lbs.	_
Y105	³ / ₄ " dia.	51/2"	67/16"	11/16"	23/8"	15/8"	1.2 lbs.	J401
Y106	³ / ₄ " dia.	6"	71/16"	11/16"	23/8"	15/8"	1.3 lbs.	J401
Y107	³ / ₄ " dia.	8"	91/16"	11/16"	23/8"	15/8"	1.6 lbs.	J401
Y108	³/ ₄ " dia.	10"	111/16"	11/16"	23/8"	15/8"	1.8 lbs.	J401
Y109	³/ ₄ " dia.	12"	131/16"	11/16"	23/8"	15/8"	2.1 lbs.	J401



Door Pulls with Base Plates No. Y110, Y111A, Y111, Y112, Y118

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white (WPC), red

(RPC), and black (BPC) powder coat finishes (see page 9)

 $^{1}/_{4}$ – 20 x $2^{1}/_{2}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door) Fastener:

1/8" base plates improve stability on the door. Recommended for glass and wood doors. Features:

• 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 is other than 1³/₄"

• Heavy duty versions of most fastening types available — use suffix HD to fastening type

number (Y112BTB5HD)

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• See page B13 for mounting selection (standard duty 1/4-20)

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
Y110	1" dia.	8"	91/4"	11/4"	31/8"	21/8"	3.1 lbs.	J401
Y111A	1" dia.	9"	101/4"	11/4"	31/8"	21/8"	3.4 lbs.	J401
Y111	1" dia.	10"	111/4"	11/4"	31/8"	21/8"	3.6 lbs.	J401
Y112	1" dia.	12"	131/4"	11/4"	31/8"	21/8"	4.1 lbs.	J401
Y118	1" dia.	18"	191/4"	11/4"	31/8"	21/8"	5.5 lbs.	J401

ROCKWOOD ASSA ABLOY



Door Pull No. 120

Material: Aluminum, brass, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 1/4 - 20 x 21/4" thru bolt & finish washer (standard 13/4" door)

Options: • Engraving available vertically

• Back to back mounting

• Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4-20)

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
120	$^{3}/_{8}$ " $\times 1^{1}/_{4}$ "	8"	14"	1" dia.	17/8"	13/8"	2.6 lbs.	J401



Door Pull No. 121

Material: Aluminum, brass, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 1/4-20 x 21/4" thru bolt & finish washer (standard 13/4" door)

Options: • Engraving available vertically

• Back to back mounting

Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
121	³ / ₈ " x 1 ¹ / ₄ "	8"	14"	1" dia.	17/8"	13/8"	2.6 lbs.	J401



Door Pulls No. 122-RKW, 123

Material: Aluminum, brass, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 1 /₄ - 20 x 2 /₄" thru bolt & finish washer (standard 13 /₄" door)

Options: • Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4 - 20)

No.	Material Size	СТС	Overall	Projection	Clearance	Weight	ANSI A156.6
122-RKW	$^{3}/_{8}$ " $\times 1^{1}/_{4}$ "	6"	63/8"	2"	15/8"	1.1 lbs.	J401
123	³ / ₈ " x 1 ¹ / ₄ "	8"	83/8"	2"	15/8"	1.4 lbs.	J401





Door Pulls No. 125-RKW, 126-RKW

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9) Fastener: $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

 \bullet Advise if door thickness is other than $1^{3/_4}\mbox{\sc "}$ **Options:**

 \bullet See page B13 for mounting selection (standard duty $1^{1/4}$ –20)

No.	Material Size	СТС	Overall	Projection	Clearance	Weight	ANSI A156.6
125-RKW	1" half round	6"	61/2"	2"	11/2"	1.1 lbs.	J401
126-RKW	1" half round	8"	81/2"	2"	11/2"	1.4 lbs.	J401



Cast Door Pull No. 130-RKW

Material: Cast aluminum, brass, stainless steel

Finishes: Available in standard architectural finishes (see page 9) Fastener: $^{1}/_{4}$ - 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

• Advise if door thickness is other than 13/4" **Options:**

• See page B13 for mounting selection (standard duty 1/4 - 20)

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
130-RKW	51/2"	71/2"	2"	21/4"	11/2"	1.1 lbs.	J401



Cast Door Pull No. 131-RKW

Material: Cast aluminum, brass, bronze, stainless steel

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Available in standard architectural finishes (see page 9) Finishes:

#8 x 3/4" OH SMS Fastener:

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
131-RKW	_	71/2"	2"	21/4"	11/2"	1.1 lbs.	J401



Cast Door Pull No. 132-RKW

Material: Cast aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, and US32DMS (see page 9)

Fastener: $\frac{1}{4}$ - 20 x $2^{1/4}$ " thru bolt & finish washer (standard $\frac{1^3}{4}$ " door)

Options: • Advise if door thickness is other than 1³/₄"

 \bullet See page B13 for mounting selection (standard duty $^{1}/_{4}$ - 20)

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
132-RKW	51/2"	63/8"	7/8	17/8"	13/8"	0.8 lbs.	J401



Security Loop Door Pull No. D133-RKW

Material: Brass, stainless steel

Finishes: US4, 10BE, US32D, and US32DMS

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

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
D133-RKW	73/4"	83/4"	$1^{3/4}$ " $\times 1^{7/8}$ "	21/4"	111/16"	1.1 lbs.	J401



Cast Door Pull No. 134-RKW

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 1/4 - 20 x 21/4" thru bolt & finish washer (standard 13/4" door)

Options: • Advise if door thickness is other than 1³/₄"

 \bullet See page B13 for mounting selection (standard duty $^{1}/_{4}$ - 20)

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
134-RKW	71/2"	81/2"	1"	17/8"	13/8"	1.0 lbs.	J401





Cast Door Pull No. 137

Material: Cast brass, stainless steel

Finishes: Available in standard architectural finishes, and US32DMS (see page 9)

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door) Fastener:

Options: • Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4 - 20)

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
137	51/2"	6"	⁵ / ₈ " x 1 ¹ / ₄ "	2"	11/2"	0.9 lbs.	J401



Cast Door Pull No. 137L

Material: Cast brass, bronze

Finishes: Available in standard architectural finishes (see page 9) Fastener: $^{1/4}$ - 20 x $^{21/4}$ " thru bolt & finish washer (standard $^{13/4}$ " door)

Options: Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
137L	10"	103/4"	⁵ / ₈ " x 1 ¹ / ₄ "	21/2"	13/4"	1.1 lbs.	J401



Cast Door Pull No. 138

Material: Cast aluminum, brass

Finishes: Available in standard architectural finishes (see page 9) Fastener: $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

Options: • Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4-20)

No.	CTC	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
138	71/2"	91/2"	2"	2"	11/2"	1.5 lbs.	J401



Cast Door Pull No. 139

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Material: Cast aluminum, brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: $#8x^3/4$ OH SMS

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
139	_	91/2"	2"	2"	11/2"	1.5 lbs.	J401

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Door Pulls No. 147, 147L

Material: Cast brass.

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 1/4-20 x 21/4" thru bolt & finish washer (standard 13/4" door)

Options: Elliptical base plates

Options: • Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty $\frac{1}{4}$ – 20)

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
147	6"	71/2"	1¹/8" dia.	21/2"	13/4"	1.2 lbs.	J401
147L	12"	133/4"	1 ⁷ / ₈ " dia.	25/8"	17/8"	1.7 lbs.	J401



Door Pull No. 148

Material: Cast brass

Fastener:

Finishes: Available in standard architectural finishes (see page 9)

Options: • Type 5 back to back mounting.

• Advise if door thickness is other than 13/4".

 \bullet See page B13 for mounting selection (standard duty $^{1}/_{4}$ –20).

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI
148	8"	87/8"	¹⁵ / ₁₆ "	21/4"	11/4"	1.5 lbs.	J401



Door Pull No. 149

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 1 /₄ – 20 x 2 /₄" thru bolt & finish washer (standard 13 /₄" door)

Options: • Type 5 back to back mounting

 \bullet Advise if door thickness is other than $1^{3/4}\mbox{\sc H}$

• See page B13 for mounting selection (standard duty 1/4 - 20)

No.	СТС	Overall	Base	Projection	Clearance	Weight	ANSI
149	8"	91/4"	13/4"	25/8"	15/8"	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, US32DMS

and US32D**316** (see page 9)

 $\#6x^{5/8}$ " OH SMS; $^{1/4}$ - 20 $x2^{1/4}$ " thru bolt & finish washer Fastener:

(standard 1³/₄" door)

Options: • Barrier Free available in $2^{1/2}$ " clearance — use BF prefix when ordering

(BF102 x 70C)

Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4-20)

No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
102×70B	⁵ / ₈ " dia.	51/2"	70	3 ¹ / ₂ " x 15"	1.8 lbs.	J405
102×70C	⁵ / ₈ " dia.	51/2"	70	4"x16"	1.9 lbs.	J405
105 x 70 B	³/ ₄ " dia.	51/2"	70	3 ¹ / ₂ " x 15"	2.1 lbs.	J405
105 x 70 C	³/ ₄ " dia.	51/2"	70	4"x16"	2.2 lbs.	J405
106x70B	³/ ₄ " dia.	6"	70	3 ¹ / ₂ " x 15"	2.2 lbs.	J405
106×70C	³/ ₄ " dia.	6"	70	4"x16"	2.3 lbs.	J405
107×70B	³/ ₄ " dia.	8"	70	3 ¹ / ₂ "x15"	2.4 lbs.	J405
107×70C	³/ ₄ " dia.	8"	70	4"x16"	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,

US32DMS and US32D316 (see page 9)

 $\#6x^{5}/_{8}$ " OH SMS; $^{1}/_{4}$ – $20x2^{1}/_{4}$ " thru bolt & finish washer Fastener:

(standard 1³/₄" door)

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Options: • Barrier Free available in $2^{1/2}$ " clearance — use BF prefix when ordering

(BF110 x 70C)

 \bullet Advise if door thickness is other than $1^{3/4}$ "

• See page B13 for mounting selection (standard duty $\frac{1}{4}$ - 20)

· Heavy bevel available, specify HVBEV

No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
110 x 70B	1" dia.	8"	70	3 ¹ / ₂ " x 15"	3.8 lbs.	J405
110 x 70 C	1" dia.	8"	70	4"x16"	3.9 lbs.	J405
111 x 70 B	1" dia.	10"	70	3 ¹ / ₂ " x 15"	4.3 lbs.	J405
111 x 70 C	1" dia.	10"	70	4"x16"	4.4 lbs.	J405



Pull Plates No. 122 x 70, 123 x 70

Material: Aluminum, brass, stainless steel

Finishes: Stocked in standard architectural finishes but available in any finish

(see page 9)

Fastener: $\#6x^{5/8}$ " OH SMS; $^{1/4}$ - $20x2^{1/4}$ " thru bolt & finish washer

(standard 1³/₄" door)

Options: • Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

• Heavy bevel available, specify HVBEV

No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
122×70B	$^{3}/_{8}$ " x $1^{1}/_{4}$ "	6"	70	3 ¹ / ₂ " x 15"	2.2 lbs.	J405
122×70C	³ / ₈ " x 1 ¹ / ₄ "	6"	70	4"x16"	2.3 lbs.	J405
123 x 70 B	³ / ₈ " x 1 ¹ / ₄ "	8"	70	3 ¹ / ₂ " x 15"	2.5 lbs.	J405
123 x 70 C	³ / ₈ " x 1 ¹ / ₄ "	8"	70	4"x16"	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 9)

Fastener: $\#6x^{5/8}$ OH SMS; $^{1/4}$ - $20x^{21/4}$ thru bolt & finish washer

(standard 13/4" door)

Options: • Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

• Heavy bevel available, specify HVBEV

No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
125 x 70 B	1" half round	6"	70	3 ^{1/} 2" x 15"	2.0 lbs.	J405
125 x 70 C	1" half round	6"	70	4"x16"	2.1 lbs.	J405
126 x 70 B	1" half round	8"	70	3 ¹ / ₂ " x 15"	2.3 lbs.	J405
126 x 70 C	1" half round	8"	70	4"x16"	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, and

US32DMS (see page 9)

 $\#6x^{5/8}$ " OH SMS; $^{1/4}$ - 20 $x2^{1/4}$ " thru bolt & finish washer Fastener:

(standard 1³/₄" door)

Options: \bullet Advise if door thickness is other than $1^{3/4}\mbox{\sc H}$

• See page B13 for mounting selection (standard duty 1/4 - 20)

Heavy bevel available, specify HVBEV

No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
132×70B	Cast	51/2"	70	3 ¹ / ₂ " x 15"	1.7 lbs.	J405
132×70C	Cast	51/2"	70	4"x16"	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 9)

Fastener: $\#6x^{5/8}$ " OH SMS; $^{1/4}$ - $20x2^{1/4}$ " thru bolt & finish washer

(standard 13/4" door)

Options: Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

• Heavy bevel available, specify HVBEV

No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
137×70B	Cast	51/2"	70	3 ¹ / ₂ " x 15"	1.7 lbs.	J405
137 x 70 C	Cast	51/2"	70	4"x16"	1.8 lbs.	J405



Pull Plates No. 147 x 76, 147 x 77

Material: Cast brass.

Finishes: Available in standard architectural finishes (see page 9)

Fastener: $\#6x^{5/8}$ OH SMS; $^{1/4}$ - $20x2^{1/4}$ thru bolt & finish washer

(standard 1³/₄" door)

Options: • Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

No. 147 x 76B

No. 147 x 77B

Pull	СТС	Plate	Size	Weight	ANSI A156.6
Cast	6"	76	3 ¹ / ₂ " x 15"	2.1 lbs.	J405
Cast	6"	76	4"x16"	2.2 lbs.	J405
Cast	6"	77	3 ¹ / ₂ " x 15"	2.1 lbs.	J405
Cast	6"	77	4"x16"	2.2 lbs.	J405
	Cast Cast	Cast 6" Cast 6" Cast 6"	Cast 6" 76 Cast 6" 76 Cast 6" 77	Cast 6" 76 31/2" x 15" Cast 6" 76 4" x 16" Cast 6" 77 31/2" x 15"	Cast 6" 76 3½" x15" 2.1 lbs. Cast 6" 76 4" x16" 2.2 lbs. Cast 6" 77 3½" x15" 2.1 lbs.





.

Fastener:

Pull Plates No. 148 x 76, 148 x 77

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

#6 $x^5/8$ " OH SMS; $^{1}/_4$ – 20 x^2 1/ $_4$ " thru bolt & finish washer (standard $^{13}/_4$ " door)

Options: • Advise if door thickness is other than 1³/₄"

• See page B13 for mounting selection (standard duty 1/4-20)

No. 148 x 76B No. 148 x 77B

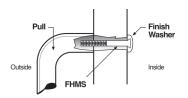
No.	Pull	СТС	Plate	Size	Weight	ANSI A156.6
148×76B	Cast	8"	76	3 ¹ / ₂ " x15"	2.7 lbs.	J405
148 x 76 C	Cast	8"	76	4"x16"	2.8 lbs.	J405
148 x 77 B	Cast	8"	77	3 ¹ / ₂ " x 15"	2.7 lbs.	J405
148 x 77C	Cast	8"	77	4"x16"	2.8 lbs.	J405



NOTE: Y base plates are recommended on wood or glass doors to make a stable and durable mounting. NOTE: Heavy Duty (HD/XHD) mounting features hex drive for positive tightening and large overall size for superior strength. Recommended for high frequency and rough service openings.

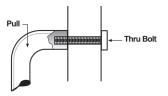
Thru Bolt

Wood or Metal Door - Type 1



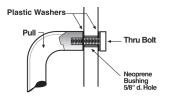
		Drill Size			
Туре	Bolt Size	Wood	Metal		
1	1/4 - 20	9/32	9/32		
1HD	⁵ / ₁₆ - 18	11/32	11/32		
1XHD	³ /8 - 16	13/32	13/32		

Wood or Metal Door - Type 12



		Drill Siz	ze
Туре	Bolt Size	Wood	Metal
12	1/4 - 20	9/32	9/32
12HD	5/16 - 18	11/32	11/32
12XHD	3/0 16	13/22	13/22

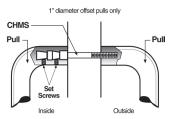
Glass Door - Type 15



		Drill Size	
Туре	Bolt Size	Glass	
15	1/4-20	5/8	
15HD	5/16 - 18	5/8	
15XHD	3/8 - 16	5/8	

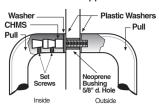
Back to Back

Wood or Metal Door - Type 16



		Drill Size			
Туре	Bolt Size	Wood	Metal		
16	1/4 - 20	9/32	9/32		
16HD	⁵ / ₁₆ - 18	11/32	11/32		

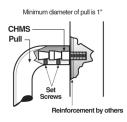
Glass Door - Type 18



		Drill Size	
Туре	Bolt Size	Glass	
18	¹ / ₄ - 20	5/8	
18HD	⁵ / ₁₆ - 18	5/8	

Concealed

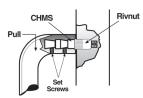
Metal Door - Type 17



		Drill Size
Туре	Bolt Size	Metal
17	1/4 - 20	¹ / ₄ - 20 tap
17HD	⁵ / ₁₆ - 18	⁵ / ₁₆ - 18 tap

Metal Door - Type 17R

1" diameter offset pulls only



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		Drill Size
Туре	Bolt Size	Metal
17R	1/4 - 20	N/A

ROCKWOOD ASSA ABLOY



90° Offset Door Pulls No. BF150, BF151, BF152

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

US32316, white (WPC), red (RPC), and black (BPC) powder coat finishes

(see page 9)

Fastener: $\frac{1}{4}$ – 20 x $2^{1/4}$ " thru bolt & finish washer (standard $1^{3/4}$ " door)

Options: • Back to back mounting in pairs — use BTB suffix and mounting type number (BF150BTB16)

number (brisobible)

 \bullet Concealed mounting single pulls — use C suffix and mounting type

number (BF150C17)

• Advise if door thickness is other than 13/4"

• See page B27 for mounting selection (standard duty 1/4-20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF150	³/ ₄ " dia.	8"	83/4"	3/4"	31/4"	21/2"	3"	2.3 lbs.	J402
BF151	³/ ₄ " dia.	10"	103/4"	3/4"	31/4"	21/2"	3"	2.5 lbs.	J402
BF152	³/ ₄ " dia.	12"	123/4"	3/4"	31/4"	21/2"	3"	2.7 lbs	J402



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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

US32**316**, white (WPC), red (RPC), and black (BPC) powder coat finishes

(see page 9)

Fastener: $\frac{1}{4}$ - 20 x $2^{1}/4$ " thru bolt & finish washer (standard $\frac{1}{4}$ " door)

Features: Recommended for ADA openings

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 is other than 13/4"

• Heavy duty versions of most fastening types available — use suffix HD

to fastening type number (BF156BTB16HD)

• See page B27 for mounting selection (standard duty $\frac{1}{4}$ - 20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF156	1" dia.	8"	9"	1"	31/2"	21/2"	4"	3.9 lbs.	J402
BF157A	1" dia.	9"	10"	1"	31/2"	21/2"	4"	4.1 lbs.	J402
BF157	1" dia.	10"	11"	1"	31/2"	21/2"	4"	4.3 lbs.	J402
BF158	1" dia.	12"	13"	1"	31/2"	21/2"	4"	4.8 lbs.	J402
BF159	1" dia.	18"	19"	1"	31/2"	21/2"	4"	6.5 lbs.	J402



T Series 1" Tubular Pulls

The Rockwood T Series diameter offset tubular pulls are made from sturdy .065" thick wall tubing. Solid brass or stainless steel inserts are brazed into the ends to provide a solid area for our guaranteed mounting systems.

Benefits of specifying the T Series push and pulls include:

- Tubular pulls weigh 25% less than their solid counterparts; this 75% weight reduction greatly reduces the environmental impact of harvesting material for their manufacture – a LEED certified building goal
- The lighter weight minimizes the risk of damage in shipping and handling
- The cost of most tubular pulls represents a significant savings over the equivalent solid model

Considering all the benefits, the T Series pulls offer an improved value without any quality sacrifice

T Series is also available in straight pulls (see page B15) and in both Series 47 push bars and push & pull bar sets (see pages A19-A21).



90° Offset Tubular Door Pulls No. TBF156, TBF157A, TBF157, TBF158, TBF159

Material: Brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door) Fastener:

Recommended for ADA openings Features:

• Back to back mounting in pairs — use BTB suffix and mounting type Options:

number (TBF156BTB16)

• Concealed mounting single pulls — use C suffix and mounting type

number (TBF156C17)

Advise if door thickness is other than 1³/₄"

• See page B27 for mounting selection (standard duty 1/4 - 20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
TBF156	1" dia.	8"	9"	1"	31/2"	21/2"	4"	1.3 lbs.	J402
TBF157A	1" dia.	9"	10"	1"	31/2"	21/2"	4"	1.4 lbs.	J402
TBF157	1" dia.	10"	11"	1"	31/2"	21/2"	4"	1.4 lbs.	J402
TBF158	1" dia.	12"	13"	1"	31/2"	21/2"	4"	1.5 lbs.	J402
TBF159	1" dia.	18"	19"	1"	31/2"	21/2"	4"	1.5 lbs.	J402



90° Offset Door Pulls with Base Plates No. YBF150, YBF151, YBF152

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white

(WPC), red (RPC), and black (BPC) powder coat finishes (see page 9)

Fastener: $\frac{1}{4} - 20 \times 2^{1/2}$ " thru bolt & finish washer (standard $\frac{13}{4}$ " door)

Features: Base plates improve stability on all doors and are especially recommended for

use on wood and glass doors

 $\textbf{Options:} \qquad \textbf{\bullet} \ \, \text{Back to back mounting in pairs} - \text{use BTB suffix and mounting type number}$

(YBF150BTB16

 \bullet Concealed mounting single pulls — use C suffix and mounting type number

(YBF150C17)

• Advise if door thickness is other than 13/4"

• See page B27 for mounting selection (standard duty $\frac{1}{4}$ - 20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
YBF150	³/ ₄ " dia.	8"	91/16"	11/16"	33/4"	25/8"	3"	2.4 lbs.	J402
YBF151	3/4" dia.	10"	11 ¹ / ₁₆ "	11/16"	33/4"	25/8"	3"	2.6 lbs.	J402
YBF152	³ / ₄ " dia.	12"	131/16"	11/16"	33/4"	25/8"	3"	2.8 lbs	J402



90° Offset Door Pulls with Base Plates No. YBF156, YBF157A, YBF157, YBF158, YBF159

Material: Aluminum, brass, bronze, stainless steel.

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316, white

(WPC), red (RPC), and black (BPC) powder coat finishes (see page 9)

Fastener: $\frac{1}{4} - 20 \times 2^{1/2}$ " thru bolt & finish washer (standard $\frac{1^{3}}{4}$ " door)

Features: • Recommended for ADA openings

• Base plates improve stability on all doors and are especially recommended for

use on wood and glass doors

Options: • Back to back mounting in pairs — use BTB suffix and mounting type number

(1815081816)

• Concealed mounting single pulls – use C suffix and mounting type number

(YBF156C17)

• Advise if door thickness is other than 13/4"

 \bullet Heavy duty versions of most fastening types available — use suffix HD to fastening

type number (YBF156BTB16HD)

 \bullet See page B27 for mounting selection (standard duty $^{1/4}$ – 20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
YBF156	1" dia.	8"	91/4"	11/4"	35/8"	25/8"	4"	4.0 lbs.	J402
YBF157A	1" dia.	9"	101/4"	11/4"	35/8"	25/8"	4"	4.2 lbs.	J402
YBF157	1" dia.	10"	111/4"	11/4"	35/8"	25/8"	4"	4.4 lbs.	J402
YBF158	1" dia.	12"	131/4"	11/4"	35/8"	25/8"	4"	4.9 lbs.	J402
YBF159	1" dia.	18"	191/4"	11/4"	35/8"	25/8"	4"	6.6 lbs.	J402

ROCKWOOD

ASSA ABLOY



45° Offset Door Pulls No. BF160, BF161, BF162

Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316,

white (WPC), red (RPC), and black (BPC) powder coat finishes

(see page 9)

Fastener: $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

Options: • Back to back mounting in pairs — use BTB suffix and mounting type number (BF160BTB16)

• Concealed mounting single pulls – use C suffix and mounting type

number (BF160C17)

Advise if door thickness is other than 1³/₄"

• See page B27 for mounting selection (standard duty $\frac{1}{4}$ – 20).

• Use Y prefix (YBF160) when ordering pulls with base plates, Y plate diameter is 11/16"; recommended for use on wood and glass doors

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF160	³/4" dia.	8"	83/4"	3/4"	31/4"	21/2"	21/4"	1.8 lbs.	J402
BF161	³/4" dia.	10"	103/4"	3/4"	31/4"	21/2"	21/4"	2.0 lbs.	J402
BF162	³/₄" dia.	12"	123/4"	3/4"	31/4"	21/2"	21/4"	2.2 lbs.	J402



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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316, US32316,

white (WPC), red (RPC), and black (BPC) powder coat finishes

(see page 9)

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door) Fastener:

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 is other than 13/4"

• Heavy duty versions of most fastening types available – use suffix HD to fastening type number (BF166BTB16HD)

• See page B27 for mounting selection (standard duty 1/4 - 20)

• Use Y prefix (YBF16) when ordering pulls with base plates, Y plate diameter is 11/4"; 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"	31/2"	21/2"	23/4"	2.8 lbs.	J402
BF167A	1" dia.	9"	10"	1"	31/2"	21/2"	23/4"	3.0 lbs.	J402
BF167	1" dia.	10"	11"	1"	31/2"	21/2"	23/4"	3.2 lbs.	J402
BF168	1" dia.	12"	13"	1"	31/2"	21/2"	23/4"	3.6 lbs.	J402
BF169	1" dia.	18"	19"	1"	31/2"	21/2"	23/4"	5.0 lbs.	J402





Offset Door Pull No. 185

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, except US26 and US26D

(see page 9)

Fastener: $^{1}/_{4}$ -20 x $2^{1}/_{4}$ thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

Options: • Engraving "PUSH" or "PULL" or a corporate logo. Email artwork file

for quicker service

Advise if door thickness is other than 1³/₄"

 \bullet See page B27 for mounting selection (standard duty $^{1/2}$ -20)

No.	Material Size	СТС	Base	Projection	Clearance	Weight	ANSI A156.6
185	5"x12"	10"	1" x 12"	23/8"	11/8"	12.5 lbs.	J409



90° Offset Door Pull with Santoprene Grip No. BF195

Material: Aluminum

Finishes: Available in US28, 313, 314, 315, 10BE, BSP (Black Suede), WSP (White Suede), stock powder

coat finishes (see page 9

Fastener: $\frac{1}{4} - 20 \times 2^{1/4}$ thru bolt & finish washer (standard $\frac{1}{4}$ door)

Features: Santoprene™ durable weather resistant grip

Recommended for ADA openings

Options: • Back to back mounting in pairs — use BTB suffix and mounting type number (BF195BTB16)

• Concealed mounting single pulls— use C suffix and mounting type number (BF195C17)

• Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4" - 20)

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight
BF195	1" dia	18"	19"	1"	31/2"	21/2"	4"	6.7 lbs.





90° Straight Door Pull with Santoprene Grip No. 190

Material: Aluminum

Finishes: Available in US28, 313, 314, 315, 10BE, BSP (Black Suede), WSP (White Suede), stock

powder coat finishes (see page 9)

 $^{1/4}$ - 20 x $2^{1/4}$ " thru bolt & finish washer (standard $1^{3/4}$ " door) Fastener:

Features: Santoprene™ durable weather resistant grip

Options: • Back to back mounting in pairs — use BTB suffix and mounting types

• Concealed mounting single pulls— use C suffix and mounting type number (190C6)

• Advise if door thickness is other than 13/4"

• See page B13 for mounting selection (standard duty 1/4" - 20)

No.	Material Size	CTC	Overall	Base	Projection	Clearance	Weight
190	1" dia	12"	13"	1"	31/2"	2"	3.2 lbs.



Wooden Door Pull No. 208

Maple, oak, walnut, cherry (other woods available upon request) Material:

Finishes: Brackets available in standard architectural finishes (see page 9)

Wood available in oiled or clear finish

 $^{1/4}$ - 20 x $2^{1/4}$ " thru bolt & finish washer (standard $1^{3/4}$ " door) Fastener:

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 1¹/₁₆"; 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 B27 for mounting details • Other sizes and shapes available; contact factory

Advise if door thickness is other than 13/4"

No.	Grip	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
208	1"	8"	15"	³/ ₄ " dia.	21/2"	13/4"	1.9 lbs.	J401



Tapered Door Pulls No. 215, 215L

Material: Aluminum, brass, bronze, stainless steel.

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Available in standard architectural finishes, and US32DMS (see page 9) Finishes:

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door) Fastener:

Options: • Use Y prefix (Y215) when ordering pulls with base plates, Y plate

diameter is 11/16"; 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 B27 for mounting details

• Advise if door thickness is other than 13/4"

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Weight	ANSI A156.6
215	1" dia.	8"	16"	³/ ₄ " dia.	21/2"	11/2"	3.5 lbs.	J401
215L	11/4" dia.	12"	28"	³/ ₄ " dia.	23/4"	11/2"	9.4 lbs.	J401

ROCKWOOD ASSA ABLOY



Arm Pull with Plate No. AP1007

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE, BSP, WSP

Fastener: #8 x $^{3}/_{4}$ " OH SMS, $^{3}/_{8}$ -16 x $2^{1}/_{2}$ " thru bolt & finish washer

Features: Groove on backside of pull to comfortably accept forearm.

Plate features rounded corners

No.	Pull	Projection	Clearance	Plate Size	Weight
AP1007	³ / ₄ " dia.	4"	2 ²⁵ / ₃₂ " at center of groove	e 4" x 16"	4 lbs. 5.7 oz.





Arm Pulls No. AP1140, AP1141

Material: 1/8" Thick stainless steel

Finishes: US32DMS, 10BE, BSP, WSP

Fasteners: $#10 \times 1^{1}/_{4}$ " FH SMS

Options: Apply above existing door pull or as new application





No.	Pull Width	Base Plate Width	Projection	Clearance	Weight
AP1140	11/2"	2"	4 ¹ / ₂ "	43/8"	6.4 oz.
AP1141	$1^{1/2}$ " to $^{3/4}$ "	2"	41/2"	43/8"	5 oz.



Hand/Arm Pull No. 193

Material: Cast brass, stainless steel

Finishes: US32D, US32DMS, US3, US4, US10, US10B, 10BE, BSP,

WSP, US26, US26D

Fasteners: $#8x^{3/4}$ OH SMS

Options: Use top portion as hand pull, use bottom portion as arm pull



No.	СТС	Overall	Projection	Clearance	Weight	ANSI A156.6
193	515/16"	91/4"	33/4"	15/8"	0.9 lbs.	J401



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Foot Pull No. FP1230

Material: 3/16" Thick stainless steel

Finishes: US32D, US32DMS, 10BE, BSP, WSP

1/4-20 x 1" FH MS Fastener:

Grip on top of pull for ease of use. Features:

Options: Place your foot on top grip and pull the door open or

put your toe underneath and pull the door towards you.



No.	СТС	Projection	Clearance	Weight
FP1230	6"	31/4"	31/16"	1 lbs. 1.3 oz.



Door Holder/Foot Pull No. 494-RKW

Cast brass Material:

Finishes: Available in standard architectural finishes

(see page 9)

Other: Holder base: 3"w x 33/8"h

21/8" Holder Projection:

Strike Base 2"w x 3"h

Strike Projection: 31/4"

Options: Install strike on the bottom of the door to use as

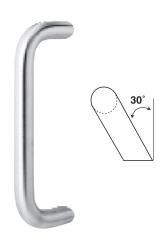
a foot pull. Mount the holder to the wall adjacent to

the strike and utilize as a door holder.

No.	Fastener	Strike	Weight
494-RKW	Strike: 3 ea. #12 x 11/4" FH WS,	Door	1.7 lbs.
	3 ea. Plastic anchors		
	Body: 4 ea. #10 x $1^{1}/_{4}$ FH WS		

NOTE: 494-RKW can be used as an Automatic Door Holder with Stop, see page D17.





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

Material: Aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

US32316, white (WPC), red (RPC), and black (BPC) powder coat

finishes (see page 6)

Fastener: $^{3}/_{8}-16 \times 2^{1}/_{2}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door)

Features: • Heavy duty pull and mounting for rough service areas

Large footprint on door provides stable mounting

Options: • Advise if door thickness is other than 13/4"

No.	Material Size	СТС	Overall	Base	Projection	Clearance	Offset	Weight	ANSI A156.6
BF257	1 ¹ / ₄ " dia.	10"	111/4"	$1^{1/4}$ " x $1^{7/16}$ "	33/4"	21/2"	215/16"	8.3 lbs.	J402
BF258	1 ¹ / ₄ " dia.	12"	131/4"	$1^{1/4}$ " x $1^{7/16}$ "	33/4"	21/2"	215/16"	9.0 lbs.	J402
BF259	11/4" dia.	18"	191/4"	1 ¹ / ₄ " x 1 ⁷ / ₁₆ "	33/4"	21/2"	215/16"	11.1 lbs.	J402
BF260	11/4" dia.	24"	251/4"	1 ¹ / ₄ " x 1 ⁷ / ₁₆ "	33/4"	21/2"	215/16"	13.3 lbs.	J402



Vandal Resistant Trim No. VRT12, VRT22

Material: Stainless steel

Finishes: VRT12 - US32D,US32DMS 10BE, Stock Powder Coats

VRT22 - US32D

Fastener: 1/4 - 20 thru bolt. Other sizes to match locks and exit devices as required

Features: VRT22 – soft black textured grip

Options: • Cut for cylinder — use C suffix (VRT22C) when ordering

 \bullet Specify make and model number of exit device when mounting with exit

device fastening systems

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



ASSA ABLOY



No. VRT14



No. VRT16



Material: Stainless Steel

Finishes: VRT14 & VRT16 - US32D, US32DMS, 10BE,

Stock Powder Coats VRT24 & VRT26 - US32D

Fastener: $\frac{1}{4}$ -20 Thru Bolt. Other sizes to match locks and exit devices as required

• Ideal pull for the exterior doors on schools and other public buildings, as Features:

> well as the rear exit doors of commercial and industrial buildings • Vandal Resistant design minimizes opportunity for tampering

No exposed fasteners

• Supplied with thru bolts for non-integrated mounting or can be supplied with mounting points to mate with exit device or

mortise lock

• US Patent No.: D659,507S

Options: • Cut for cylinder use C suffix (VRT24C) when ordering

> • Specify make and model number of exit device when mounting with exit device fastening systems



No. VRT24

No.	Integral Latch Guard	Textured Black Grip	Overall	Weight
VRT14	Yes	No	¹ / ₈ " x 7" x 12"	3.2 lbs.
VRT16	No	No	¹ / ₈ " x 5 ¹ / ₂ " x 12"	2.5 lbs.
VRT24	Yes	Yes	¹ / ₈ " x 7" x 12"	3.2 lbs.
VRT26	No	Yes	¹ / ₈ " x 5 ¹ / ₂ " x 12"	2.5 lbs.



No. VRT26

Required Order Information (Please supply all required templates - mating parts and cylinders).

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Quantity	Product #	Mating Manufacturer	Mating Part #	Template # for Cylinder Hole Location	Cylinder Diameter	Door Handing	Finish

ROCKWOOD ASSA ABLOY



Vandal Resistant Pull No. VRP 30

Material: 4" x 16" High Strength Steel

Weight: 3.25 lbs.

Finishes: 10BE, Stock Powder Coats, US32D, US32DMS

Fastener: #8 x ³/₄" Oval Head Sheet Metal Screws

Features: • Narrow, sloping handle for easy grip and reducing binding

opportunities between handles.

• High strength steel designed for durability and resisting vandalism.

• Non handed design, reduces risk of installing incorrectly.

• Backing plate included, removes necessity to repaint opening in retrofit

applications.

• Engraving

Patented

Options:

• Custom Powder Coat Available

Cylinder Option

• For Mounting with Exit Device: Specify make and model number of exit device and send template when ordering.

Required Order Information (Please supply all required templates - mating parts and cylinders).

Quantity	Product #	Mating Manufacturer	Mating Part #	Template # for Cylinder Hole Location	Cylinder Diameter	Finish

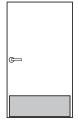


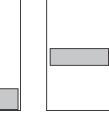
Rockwood Vandal Resistant Order Form

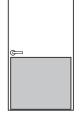
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Cylinder Prep opt	tional – Use C suffix	x (ex: VRT12C) v	when orderii	ng.			
VRT12		VRT14	0 0 VR			RT26	VRP
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ROCKWOOD® ASSA ABLOY









(JL)

Mop Plate Up to 6"hx48"w

Kick Plate 6" to 12"hx48"w

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

Armor Plate Up to 48"hx48"w and available in most finishes

Width of Plates:

Push Side: 2" less than door width. Pull Side: 11/2" 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" (406 mm) above the bottom of the door.

OPTIONAL Self-Drilling TEK Screws: Cuts door plate installation time in half.

Metal Door Plate – Economy Duty No. K1038

Material: .038" stainless steel

Finishes: US32D

#6 x 5/8" OH SMS Fastener:

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

Weight: 8"x34" = 3.2 lbs

Features: All edges come beveled Options: • SA - self-adhesive mounting

> • TORX - security Torx screws • TEK – self-drilling screws

· Cutouts for locks, louvers, or windows (see worksheets on

pages C14-C15 for details on how to order)

Metal Door Plate - Standard Duty No. K1050

Material: .050" Stainless Steel

Finishes: US32D

#6 x 5/8" OH SMS Fastener:

Features: • All edges come beveled Options: • One day shipping available

• Door markings are not available on quick ship

Metal Door Plate – Standard Duty No. K1050, K1050F

Material: .050" aluminum, brass, bronze, stainless steel

Finishes: 10BE, US32D, US32DMS Fastener: #6x5/8" OH SMS

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

Weight: 8"x34" = 4.0 lbs

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

Features: All edges come beveled

• SA - self-adhesive mounting Options:

• TEK - self-drilling screws

 Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details

on how to order)

· Heavy bevel available, specify HVBEV

• Screw mounting (K1050F) and UL listed for use on 90-minute label wood doors and 3-hour label

metal doors

CSK – countersunk holes

• TORX - security Torx screws

Windstorm Plate - K1050WS

Material: 050" Aluminium, Brass, Bronze, Stainless Steel

Finishes: Standard Architectural Finishes Fastener: #10x5/8" Pan Head Tek Screws Ordering: Part # when ordering is K1050WS All plates are UL and Windstorm rated

Features: All edges come beveled

Check the web site for the up-to-date catalog

Options: • Cutouts for locks, louvers or windows • Heavy Bevel • Rounded Corners

Certified to the below standards:

 Screw Mount only Part of windstorm assembly cards: ZHLA.45,

ZHLA.46, ZHLA.47, ZHLA.51, ZHLA.53, ZHLA.54 - ICC-500 (2014) - FEMA Guideline 320 (2014)

- FEMA Guideline 361 (2015) 800 458 2424 | www.rockwoodmfg.com



Shaped Metal Door Plates – Standard Duty No. K1050-1 thru K1050-8

Material: .050" stainless steel

Finishes: US32, US32D, US32DMS

Fastener: #6x⁵/₈" OH SMS

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

Weight: 8"x34" = 4.0 lbs

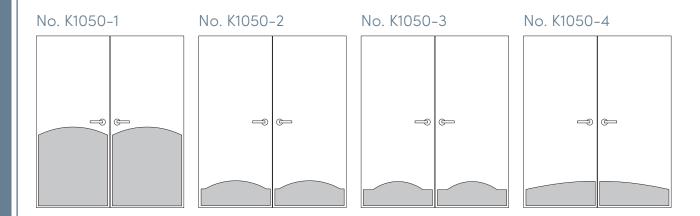
ANSI: J101 – metal armor plate, J102 – metal kick plate, J103 – metal stretcher & mop plate

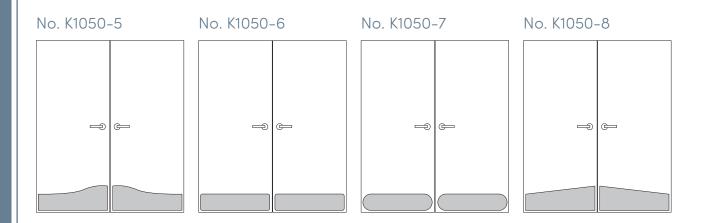
Features: • All edges come beveled

Options: • TEK – self-drilling screws

• CSK - countersunk holes

- Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)
- TORX security Torx screws
- Screw mounting (K1050F) and UL listed for use on 90-minute label wood doors and 3-hour label metal doors
- Any design is possible. Submit your drawings for a custom quote







Shaped Metal Armor Plates - Standard Duty No. K1050A-1 thru K1050A-8

Material: .050" stainless steel Finishes: US32, US32D, US32DMS

#6x5/8" OH SMS Fastener:

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

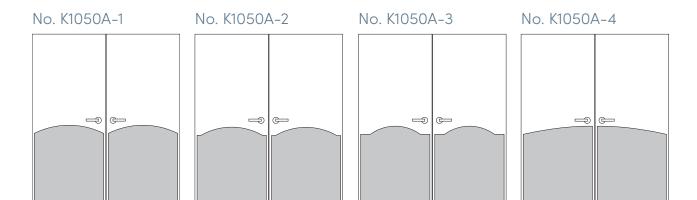
Weight: $36" \times 34" = 18 lbs$

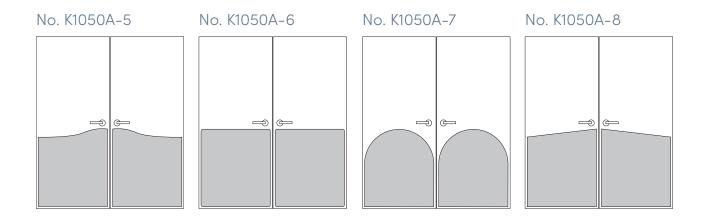
ANSI: J101 – metal armor plate, J102 – metal kick plate, J103 – metal stretcher & mop plate

Features: • All edges come beveled Options:

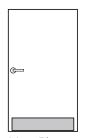
• TEK - self-drilling screws • CSK – countersunk holes

- Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)
- TORX security Torx screws
- Screw mounting (K1050F) and UL listed for use on 90-minute label wood doors and 3-hour label
- Any design is possible. Submit your drawings for a custom quote





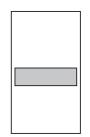
ROCKWOOD ASSA ABLOY



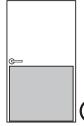
Mop Plate Up to 6"hx48"w



Kick Plate 6" to 12"hx48"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: 11/2" less than door width.

Metal Door Plate – Heavy Duty No. K1062

Material: .062" stainless steel

Finishes: 10BE,US32D,US32DMS, BSP, WSP

Fastener: $#6x^5/8$ " OH SMS

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

Weight: 8"x34" = 5.0 lbs

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

Features
• All edges come beveled

Options:
• TEK – self-drilling screws

TORX – security Torx screws

CSK – countersunk holes

• Heavy bevel available, specify HVBEV

• Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

Metal Door Plate – Extra Heavy Duty No. K1125

Material: .125" aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32D316 (see page 9)

Fastener: $#6x^{5/8}$ " OH SMS

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

Weight: $8" \times 34" = 10.0 \text{ lbs}$

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

Features • All edges come beveled (not applicable on Aluminum Diamond Plate)

Options: • TEK – self-drilling screws

• Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

• TORX – security Torx screws

Metal Door Plate – Extra Heavy Duty Diamond Plate No. K1125 DIA

Material: .125" aluminum

Finishes: Polished aluminum diamond plate (ALM DIA)

Fastener: #6x⁵/₈" OH SMS

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

Weight: 8"x34" = 10.0 lbs

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

Polished Aluminum Diamond Plate

Options: • TEK – self-drilling screws

• Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

• TORX – security Torx screws



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Plastic Door Plate - Heavy Duty No. K2060

.060" Kydex® 160 PVC acrylic alloy plastic* Material:

Finishes: Beige #72005, calcutta black #52000, chocolate brown #72010, pewter gray #52001

Fastener: #6x3/4" TH SMS

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

Weight: 8"x34" = 1.0 lbs

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

Options: • Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

• 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 (UL)

Plastic Door Plate – Extra Heavy Duty No. K2125

Material: .125" Kydex® 160 PVC acrylic alloy plastic*

Finishes: Beige #72005, calcutta black #52000, chocolate brown #72010, pewter gray #52001

Fastener: #6x3/4" TH SMS

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

Weight: 8"x34" = 1.8 lbs

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

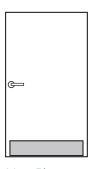
Options: • Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

• CSK – countersunk holes



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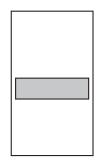
^{*} Kydex 160 meets Class 1A building code ratings up to .060" thick.



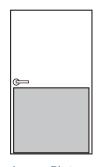
Mop Plate
Up to 6"hx48"w



Kick Plate
6" to 12"hx48"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: 11/2" less than door width.

Laminate Plastic Door Plate No. K3125

Material: .125" laminate plastic

Finishes: Beige, black, brown, pewter gray, white

Fastener: #6x³/₄" TH SMS

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

Weight: 8"x34" = 1.8 lbs

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

Options: • SA – self-adhesive mounting (K3125SA)

• Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

• CSK – countersunk holes

Clear Plastic Door Plate No. K4125

Material: .125" clear plastic

Finishes: Clear

Fastener: $#6x^{3/4}$ " TH SMS

Features: Break and scratch resistant

Ordering: Specify height x width. Add any options

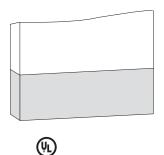
Weight: $8" \times 34" = 1.5 \text{ lbs}$

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

Options: • Cutouts for locks, louvers, or windows (see worksheets on pages C14-C15 for details on how to order)

• CSK - countersunk holes





One-Sided Angle Plate No. KB1150

Material: .050" aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: #6 x 5/8" FH/OH SMS

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

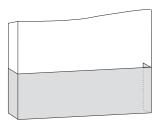
> • 87 degrees - Pull side of beveled door • 90 degrees - Push/Pull side of square door • 93 degrees - Push side of beveled door

• Beveling, TORX - security Torx screws **Options:**

• TEK - self-drilling screws

• Cutouts for hinges, flush bolts, and locks

• UL Listed (screw applied)



Two-Sided Angle Plate No. KB1151

Material: .050" aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: #6 x 5/8" FH/OH SMS

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

• Both 90 degree bends on push or pull side of square door

• Both 93 degree bends on push side of beveled door

• One 90 degree bend and One 93 degree bend on push side of beveled/

square door

Both 87 degree bends on pull side beveled door

• One 90 degree bend and One 87 degree bend on pull side of beveled/

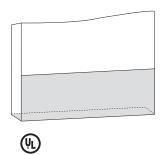
square door

Options: • Beveling, TORX – security Torx screws

• TEK - self-drilling screws

· Cutouts for hinges, flush bolts, and locks

• UL Listed (screw applied)



Bottom Angle Plate No. KB1152

Material: .050" aluminum, brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: #6 x 5/8" FH/OH SMS

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

Always 90 degree bends

Options: • Beveling, TORX - security Torx screws

> • TEK - self-drilling screws • UL Listed (screw applied)

> > **ROCKWOOD** ASSA ABLOY

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

Material: .050" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

prime painted steel (see page 9)

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.

Door edges are sized to be mortised into the surface of 13/4" thick wood Features:

doors. Advise if your door is another thickness

NOTE: Some wood doors that are nominally 13/4" vary significantly.

Options:

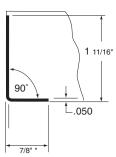
(ሆ

• UL fire rated listed for stainless steel, brass and bronze. For use on wood or plastic faced fire doors rated up to and including $1^{1/2}$ hours or hollow metal, steel covered, composite type fire doors rated up to and including 3 hours. Specify UL when ordering (300-UL)

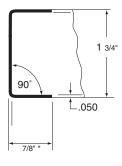
• Cutouts for flush bolts, lock strikes, locks, and hinges (see worksheets on pages C10-C11 or C13-C15 for details on how to order)

NOTE: Your door thickness is a nominal dimension. Doors can vary + or -1/16" from the nominal dimension. When ordering, verify actual door thickness to assure a working fit of the door edge.

No. 300 ANSI 156.6 - J204

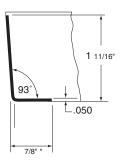


No. 302 ANSI 156.6 - J210



^{*} Modified leg lengths available.

No. 301 ANSI 156.6 - J205



No. 302B ANSI 156.6 - J211





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

Material: .050" brass, bronze, stainless steel

(ŶĹ

Finishes:

Available in standard architectural finishes, US32DMS, US32D316, prime

painted steel (see page 9)

#6 x 5/8" FH SMS Fastener:

• Door edges are sized for 13/4" thick wood or metal doors. Advise if your Features:

door is another thickness

NOTE: Some wood doors that are nominally 13/4" vary significantly. • 306-AST and 306B-AST include an astragal, providing additional

protection against vandalism

Specify any length up to 96" (standard lengths are 42", 84", 96") Ordering:

NOTE: 84" and 96" are made to match net door height – specify.

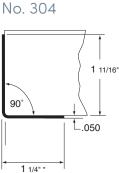
Specify wood or metal door

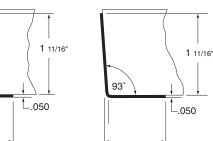
Options: • UL fire rated listed for stainless steel, brass and bronze. For use on wood or plastic faced fire doors rated up to and including $1^{1}/_{2}$ hours or hollow

metal, steel covered, composite type fire doors rated up to and including 3 hours. Specify UL when ordering (306-UL)

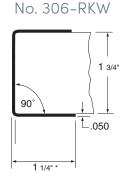
• Cutouts for flush bolts, lock strikes, locks, and hinges (see worksheets on pages C10-C11 or C13-C15 for details on how to order)

NOTE: Your door thickness is a nominal dimension. Doors can vary + or -1/16" from the nominal dimension. When ordering, verify actual door thickness to assure a working fit of the door edge.

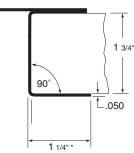




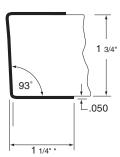
No. 305



No. 306-AST (with Astragal)



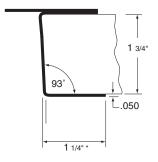
No. 306B



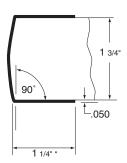
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in part without the express written permission of ASSA ABLOY Accessories and Door Controls Group, Inc. is prohibited.

No. 306B-AST (with Astragal)



No. 307



ROCKWOOD ASSA ABLOY

^{*} Modified leg lengths available.

Fill out this form and email/fax form to orders.rockwood@assaabloy.com / or fax to: 800-922-9212.

Customer Information	
Company Name: Account#: Email:	Date: Phone #/Fax #: PO#:
Select a Door Edge	
Mortised: 300 301 302 Non-Mortised: 304 305 306- 308 309 310 Other	☐ 310B ☐ 310BS ☐
Select Hinge Size, Door Type and Fill in Dimensions	
*Door Edge Height if different from net door height	Door with 3 Hinges Door with 4 Hinges
*Standard Leg Length for mortised edge is 7/8" if not please advise: *84" ope please	Net Door Height * 84" and 96" are opening sizes - please provide net door height. Net Door Height * 84" and 96" are opening sizes - please provide net door height.

ROCKWOOD ASSA ABLOY

800 458 2424 | www.rockwoodmfg.com Check the web site for the up-to-date catalog Fill out this form and email/fax form to orders.rockwood@assaabloy.com / or fax to: 800-922-9212.

Customer Information						
Company Name:			Date:			
Account#:			Phone #/Fax #	#:		
Email:			PO#:			
Select a Door Edge						
Mortised: 300 Non-Mortised: 304	1	310	306	S-AST _ 3	02B	306B-AST
Order Line #:						
Finish:			Handing:	1	Гад. Nos.:	
Select Cutout, Door Type	and Fill in Dimer	nsions				
UL Rated *Door Edge Height if different from net door height	☐ 161 Latch Bolt	11/s" 21/4" 	С	Metal Door		☐ Wood Door
Astragal Side (306-AST, 306B-AST ONLY) Active Door	86 Mortise Lock	8" 		- -		
Inactive Door	ASA Strike	4 ⁷ /s"		·		
Specify Mounting (if not standard) Torx Screws Tek Screws	Cylindrical Strike	11/8" 23/4"				
*Standard Door Thickness is 1 ³ / ₄ if not please advise:	☐ Manual Flush Bolt	6 ³ / ₄ "				- -\ -
*Standard Leg Length for non mortised edge is 1 ¹ / ₄ " if not please advise:	Automatic Flush Bolt	8-1/2" 8-	(Net Door Height) 4" and 96" are opening sizes - please provide net door height	g	(Net Door Heig *84" and 96" are ope sizes - please pro net door he.	ning vide
*Standard Leg Length for mortised edge is ⁷ / ₈ " if not please advise:	Fire Bolt Active Door	☐ Inactive Door	6"			

NOTE: Your door thickness is a nominal dimension. Doors can vary + or – 1/16" from the nominal dimension. When ordering, verify actual door thickness to assure a working fit of the door edge.

*Above is a representation of a prep location on the edge of the door.

ROCKWOOD ASSA ABLOY



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

Material: .050" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes, US32DMS, US32D316,

prime painted steel (see page 9)

Fastener: #6x⁵/₈" FH SMS

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

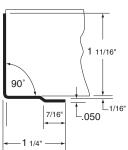
(L) Options:

UL fire rated listed for stainless steel, brass and bronze. For use on wood or
plastic faced fire doors rated up to and including 1½ hours or hollow metal, steel
covered, composite type fire doors rated up to and including 3 hours. Specify UL
when ordering (310-UL)

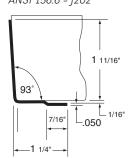
• Cutouts for flush bolts, lock strikes, locks, and hinges (see worksheets on pages C10-C11 or C13-C15 for details on how to order)

NOTE: Your door thickness is a nominal dimension.
Doors can vary + or –
1/16" from the nominal dimension. When ordering, verify actual door thickness to assure a working fit of the door edge.

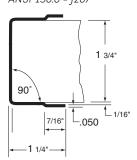
No. 308 ANSI 156.6 - J201



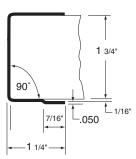
No. 309 ANSI 156.6 - J202



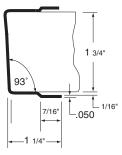
No. 310 ANSI 156.6 - J207



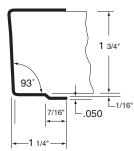
No. 310S (single side) ANSI 156.6 - J207



No. 310B ANSI 156.6 - J208



No. 310BS (single side) ANSI 156.6 - 1208



ROCKWOOD

Ordering Instructions

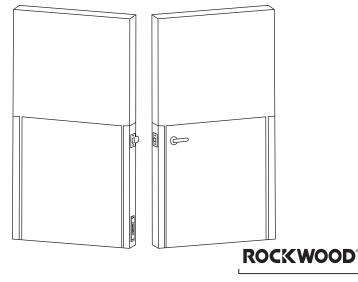
The use of door edges and armor plates not only offers superior protection to expensive doors, it also adds an attractive and functional finishing touch. Armor plates and door edges are available in all architectural finishes. The following two pages are intended to help you determine the cutout locations 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 $\frac{3}{16}$ " 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	15/16"	13/8"
b) with overlapping door edges	lock backset minus	1"	11/16"
c) without door edges – single doors	lock backset minus	5/8"	11/16"
d) without door edges – pair of doors	lock backset minus	3/8"	⁷ / ₁₆ "
(without mullions)			

- 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.

NOTE: Your door thickness is a nominal dimension. Doors can vary + or -1/16" from the nominal dimension. When ordering, verify actual door thickness to assure a working fit of the door edge.

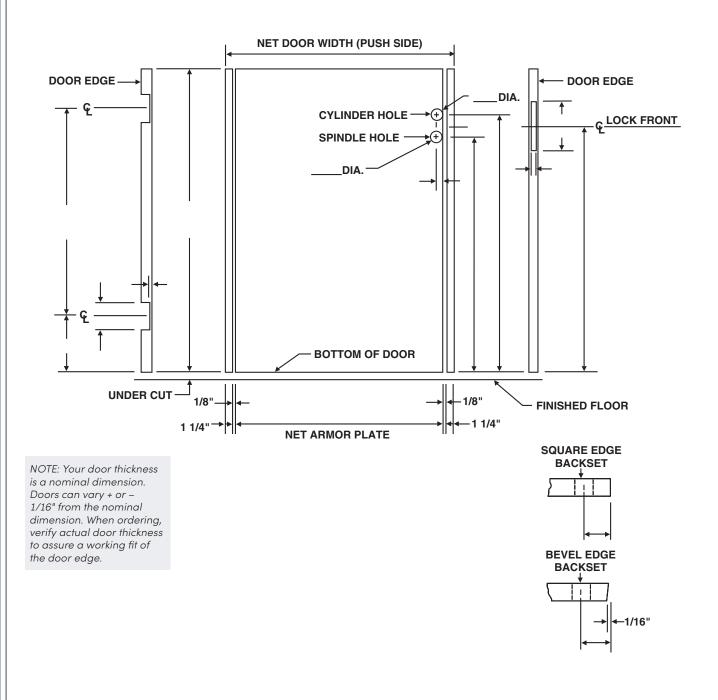


Cutouts

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 pages C16-C20).

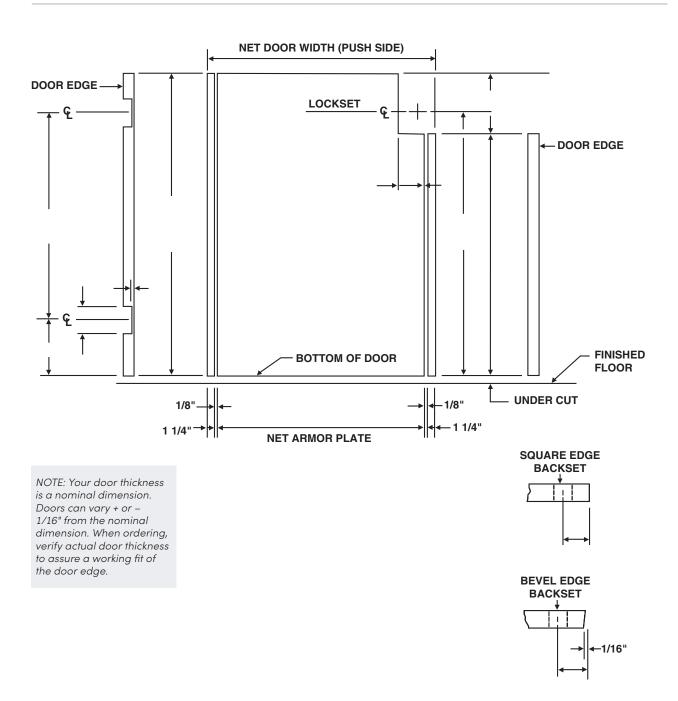




Cutouts

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 pages C16–C20).



ROCKWOOD ASSA ABLOY

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 four pages are Rockwood Product'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 ($^{3}/_{16}$ ") and heavy duty ($^{3}/_{6}$ ") 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.

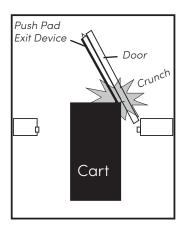
Choosing the correct protection bar:

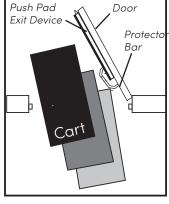
- **1. Determine traffic** light to moderate use = SD Series, heavy use = HD Series.
- 2. Measure projection of exit device, door knob, etc.
- 3. Review product dimension to match bar to your specific needs.



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

How They Work



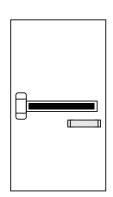


Without Bar – Costly Damage

With Bar - Safely Deflected Away



Heavy Duty Application



Application shown for product HD2230, HD2240, HD2250.



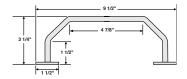
Heavy Duty Protector Bars HD2230, HD2230M

Material: Stainless steel

US32D, US32DMS, 10BE Finishes:

Fastener: $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door*)

Other: Made to order sizes available



No.	стс	Material Size	Projection	Weight
HD2230	8"	$^{3}/_{8}$ " x $1^{1}/_{2}$ "	31/4"	2.3 lbs.
HD2230M	Specify	³ / ₈ " x 1 ¹ / ₂ "	31/4"	_



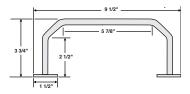
Heavy Duty Protector Bars HD2240, HD2240M

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: $^{1}/_{4}$ -20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door*)

Other: Made to order sizes available



No.	СТС	Material Size	Projection	Weight
HD2240	8"	$^{3}/_{8}$ " $\times 1^{1}/_{2}$ "	3 ³ / ₄ "	2.5 lbs.
HD2240M	Specify	³ / ₈ " x 1 ¹ / ₂ "	3 ³ / ₄ "	_



Heavy Duty Protector Bars HD2250, HD2250M

Material: Stainless steel

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in part without the express written permission of ASSA ABLOY Accessories and Door Controls Group, Inc. is prohibited.

Finishes: US32D, US32DMS, 10BE

 $^{1}/_{4}$ - 20 x $2^{1}/_{4}$ " thru bolt & finish washer (standard $1^{3}/_{4}$ " door*) Fastener:

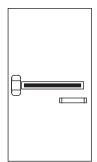
Other: Made to order sizes available

No.	СТС	Material Size	Projection	Weight
HD2250	8"	$^{3}/_{8}$ " x $1^{1}/_{2}$ "	41/4"	2.7 lbs.
HD2250M	Specify	³ / ₈ " x 1 ¹ / ₂ "	41/4"	_

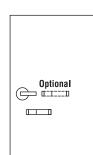
ROCKWOOD

^{*} Advise if door thickness is other than 13/4".

Standard Duty Applications



Application shown for product SD1230, SD1240, SD1250.



Application shown for product SD1260.

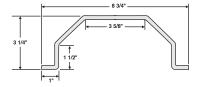


Standard Duty Protector Bar No. SD1230

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: #10-24 x 1 FH MS and sex bolt



No.	СТС	Material Size	Projection	Weight
SD1230	8"	³ / ₁₆ " x 2"	31/4"	1.4 lbs.

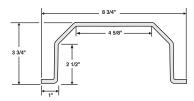


Standard Duty Protector Bar No. SD1240

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: #10-24x1 FH MS and sex bolt



No.	СТС	Material Size	Projection	Weight	
SD1240	8"	³ / ₁₆ " x 2"	33/4"	1.6 lbs.	

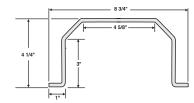


Standard Duty Protector Bar No. SD1250

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: #10-24x1 FH MS and sex bolt



No.	СТС	Material Size	Projection	Weight
SD1250	8"	³ / ₁₆ " x 2"	41/4"	1.7 lbs.

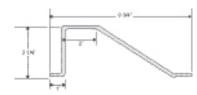


Standard Duty Protector Bar No. SD1260

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: #10-24x1 FH MS and sex bolt



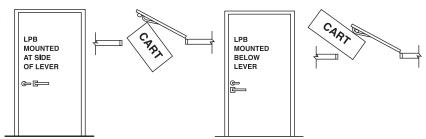
	RO	CK	W	00	D°
L					

ASSA ABLOY	
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No.	СТС	Material Size	Projection	Weight
SD1260	8"	³ / ₁₆ " x 2"	31/4"	1.6 lbs.

800 458 2424 | www.rockwoodmfg.com Check the web site for the up-to-date catalog

Applications



Application shown for product R101LPB thru R115LPB.

^{*} Advise if door thickness is other than 1³/₄".



Trim Protector Bars No. R101LPB, R102LPB

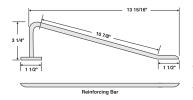
Material: Stainless steel

US32D, US32DMS, 10BE/BSP, BPC, FBPC, WPC, WSP, Stock Powder Coats Finishes:

Fastener: $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt, $^{1}/_{4}$ – 20 x 2" thru bolt, finish washers

(standard 13/4" door*)

Other: Made to order sizes available



No.	СТС	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

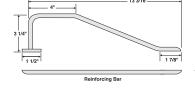
Material: Stainless steel

US32D, US32DMS, 10BE/BSP, BPC, FBPC, WPC, WSP, Stock Powder Coats Finishes:

 $^{1}/_{4}$ – 20 x $2^{1}/_{4}$ " thru bolt, $^{1}/_{4}$ – 20 x 2" thru bolt, finish washers Fastener:

(standard $1^{3}/_{4}$ " door*)

Other: Made to order sizes available



No.	СТС	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: Stainless steel

Finishes: US32D, US32DMS, 10BE/BSP

 $^{1}/_{4}$ - 20 x $2^{1}/_{4}$ " thru bolt, $^{1}/_{4}$ - 20 x 2" thru bolt, finish washers Fastener:

(standard 13/4" door*)

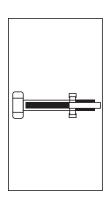
Other: Made to order sizes available

3 1/4"		No.	стс	Mat
1 1/2"	1 1/2"	R115LPB	14"	3/8" X

iterial Size Weight x 1¹/₂" 3.0 lbs.

ROCKWOOD

EDP Application



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

* Advise if door thickness is other than 13/4".



9" 3 13/32" 7 1/2" 3 1/4" 1 1/2"

Exit Device Protector No. R116EDPL

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: $2 \text{ ea.} \frac{1}{4} - 20 \times 2^{1/4}$ " thru bolts, $1 \text{ ea.} \frac{1}{4} - 20 \times 2$ " thru bolt, finish washers

(standard 1³/₄" door*)

Features: Suitable for use with exit devices that project less than 2³/₈" from door

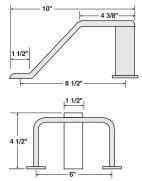
face (i.e., SARGENT® 80 series, Monarch® 17 series, and Precision®

Apex series)

No.	CTC	Material Size	Projection	Weight
R116EDPL	71/2"	$^{3}/_{8}$ " x $1^{1}/_{2}$ "	31/4"	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

Material: Stainless steel

Finishes: US32D, US32DMS, 10BE

Fastener: 2 ea. $\frac{1}{4}$ – 20 x 2 $\frac{1}{4}$ " thru bolts, 1 ea. $\frac{1}{4}$ – 20 x 2" thru bolt, finish

washers (standard 13/4" door*)

Features: Suitable for use with exit devices that project less than 35/8"

from door face (i.e., Von Duprin® 33, 98 and 99 series,

ASSA ABLOY ACCENTRA^{TM®} 7000 series, Corbin Russwin[®] ED500 series)

No.	СТС	Material Size	Projection	Weight
R116EDPH	81/2"	$^{3}/_{8}$ " x $1^{1}/_{2}$ "	41/2"	3.7 lbs.

® VonDuprin 33, 98, and 99 series is a registered trademark of Ingersoll-Rand Company.

® ASSA ABLOY ACCENTRA™ 7000 series is a registered trademark of ASSA ABLOY.

® Corbin Russwin ED500 series is a registered trademark of Corbin Russwin, Inc.

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ASSA ABLOY

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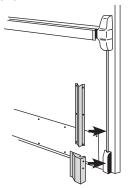
Vertical Rod Cover

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.

Latch Guard Cover

The latch guard cover (BFLG) is made of .050" 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.

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 9)

Fastener: $#6x^5/8$ " OH SMS

Other: Made to order sizes available

No.	Height	Width	Projection	Weight
BFRC12	12"	31/4"	15/8"	0.9 lbs.
BFRC24	24"	31/4"	1 ⁵ / ₈ "	1.8 lbs.



Latch Guard Covers No. BFLG10, BFLG12, BFLG16

Material: .050" stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: $#8-32x^{3/4}$ " OH MS; WS available on request

Ordering: Specify handing

Other: Made to order sizes available

No.	Height	Width	Projection	Weight
BFLG10	10"	6"	23/8"	1.6 lbs.
BFLG12	12"	6"	23/8"	1.9 lbs.
BFLG16	16"	6"	23/8"	2.5 lbs.



Vertical Rod Latch Guard Cover No. BFLG1050

Material: .050" Stainless Steel
Finishes: US32D and Stock PC's

Height: 10"

Fastener: #10x⁵/₈" Self-Drilling Tek Screws

Ordering: Please specify handing and width of door (push side)

Certified to the below Standards:

- ICC-500 (2020)

- FEMA Guideline 320 (2014)

- FEMA Guideline 361 (2021)

Part of windstorm assembly cards: ZHLA.47 and ZHLA.51

No.	Height	Width	Projection	
BFLG1050	10"	Specify	23/8"	

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Rockwood custom strikes are manufactured to your specifications in almost any size, shape and finish. The drawings below represent standard ASA and T strikes. For easy and efficient ordering, please use the order form on the next page and fill in your requirements on drawing(s) and chart then fax or email us the form.

NOTE: Any dimensions are possible. Contact us with your requirements.

Material: .090" brass, bronze, stainless steel

Finishes: US3, US4, US10, US10B, US32D, US32

Fastener: CS-ASA: #12 WS or #12-24 MS.

CS-OM: #12 WS or #12-24 MS. CS-T: #8 WS or #8-24 MS 590DA: #8 WS or #8-24 MS

Bolt Hole: Common sizes are: $^{11}/_{16}$ " x $^{11}/_4$ " and $^{3}/_4$ " x $^{11}/_4$ "; any size available

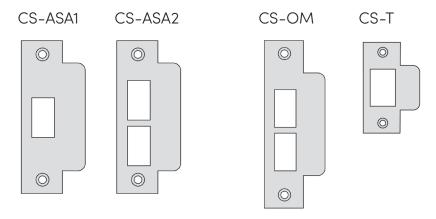
Options: • .050", .062", or .125" thickness

• TORX - security Torx screws

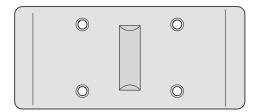
• Finish on both sides

• Custom filler plates available

• Full lip



590DA

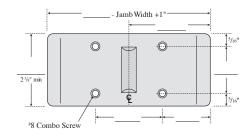


ROCKWOOD ASSA ABLOY

Fill out this form and email/fax form to orders rockwood@assaablov.com/800-922-9212

act Name:	Date:
pany Name:	Account #:
ress:	Phone #/Fax #:
'State/Zip:	Email:
CS-ASA1 Lip to Centerline	CS-ASA2 Lip to Centerline
Specify Wood or Metal 47/8"	Specify Wood or Metal
	2 ————————————————————————————————————
Select Bolt Hole Size □¹¹¹/¹6" x 1¹¹/4" □³/4" x 1¹/4" □ Other: Wx L	Select Bolt Hole Size 1. □ ¹¹/₁6" x 1¹/₄" □ ³/₄" x 1¹/₄" □ Other: W x L 2. □ ¹¹/₁6" x 1¹/₄" □ ³/₄" x 1¹/₄" □ Other: W x L
#8 Combo Screw 23/4" 11/2" 5/8"	#12 Screw Specify Wood or Metal
Select Bolt Hole Size □ '1/16" × 1 '1/4" □ 3/4" × 1 1/4" □ Other: W x L	
Order Form for CS-ASA1, CS-ASA2, CS-OM, CS-T Order Line # Qty Part # Flat or Curved LH RH Fastener Finish Finish	
Options	Select Bolt Hole Size 1. □ ¹¹/₁₅" x 1¹/₃" □ ³¼" x 1¹/₃" □ Other: W x L

590



Order Line#	Quantity	Part #	Jamb Width	Finish
Options				

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Corner Guards No. 290, 291

Material: .050" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

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"x2"x40"	Square	2.4 lbs.
	2"x2"x48"		2.8 lbs.
	3"x3"x40"		3.5 lbs.
	3"x3"x48"		4.2 lbs.
291	2"x2"x40"	Rounded	2.4 lbs.
	2"x2"x48"		2.8 lbs.
	3"x3"x40"		3.5 lbs.
	3"x3"x48"		4.2 lbs.



Corner Guards No. 295, 296

Material: .050" brass, bronze, stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: #6x⁵/₈" OH SMS

Ordering: Specify size

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

No.	Standard Sizes	Top Corners	Weight
295	2"x2"x40"	Square	2.4 lbs.
	2"x2"x48"		2.8 lbs.
	3"x3"x40"		3.5 lbs.
	3"x3"x48"		4.2 lbs.
296	2"x2"x40"	Rounded	2.4 lbs.
	2"x2"x48"		2.8 lbs.
	3"x3"x40"		3.5 lbs.
	3"x3"x48"		4.2 lbs.





Latch Protector No. 320-RKW

.105" steel, stainless steel Material:

Finishes: US2C (cadmium plated), US32D, and 10BE Fastener: ⁵/₁₆ - 18 carriage bolts and hex drive sex nuts

Ordering: Specify product number and finish

Features: Jamb pin prevents prying of door. Non-handed

No.	Material Size	Lock Type	Weight
320-RKW	3"x11"	Cylindrical or mortise	1.2 lbs.









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

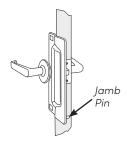
Material: .090" steel, stainless steel

US2C (cadmium plated), US32D, and 10BE Finishes: $^{5}/_{16}$ – 18 carriage bolts and hex drive sex nuts Fastener:

Ordering: Specify product number and finish

Jamb pin prevents prying of door. Non-handed

No. 320C: Notched for 21/8" or less diameter rose on cylindrical lockset No. 320CL: Notched for 21/4" - 31/4" diameter rose on cylindrical lockset No. 320CXL: Notched for $2^{1/4}$ " – $3^{3/4}$ " diameter rose on cylindrical lockset



No.	Material Size	Lock Type	Weight
320C	3"x11"	Cylindrical	1.2 lbs.
320CL	3"x11"	Cylindrical	1.2 lbs.
320CXL	3"x11"	Cylindrical	1.2 lbs.



Latch Protector No. 321

Material: .105" steel, stainless steel

Finishes: US2C (cadmium plated), US32D, and 10BE Fastener: ⁵/₁₆ - 18 carriage bolts and hex drive sex nuts

Ordering: Specify product number and finish

No.	Material Size	Lock Type	Weight
321	1 ¹ / ₂ " x 10"	Mortise	0.7 lbs.

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Latch Protector No. 322

Material: .100" steel, stainless steel

Finishes: US2C (cadmium plated), US32D, and 10BE Fastener: ⁵/₁₆ - 18 carriage bolts and hex drive sex nuts

Ordering: Specify product number and finish

Features: Compact size. Non-handed

No.	Material Size	Lock Type	Weight
322	1 ⁵ / ₈ " x 6"	Cylindrical	5.6 oz.



Cast Latch Protector No. 325

.375" solid cast brass Material:

Finishes: US26D

Fastener: $\frac{1}{4}$ – 20 thru bolts & finish washer Ordering: Specify product number and finish

Features: Clean aesthetic design with no exposed fasteners

No.	Material Size	Lock Type	Weight	
325	$1^{7}/_{8}$ " x $9^{1}/_{2}$ "	Mortise or cylindrical	1.1 lbs.	



Anti-Vandal Latch Protector No. 330



Material: .090" stainless steel

Finishes: US32D

#8 x ³/₄" FH stainless steel combo screws Fastener: Ordering: Specify product number and finish

• Protects cylindrical locks from forced entry and vandalism

• Fast and simple installation

• Non-handed

• Attractive appearance

No.	Material Size	Lock Type	Weight
330	5 ³ / ₈ " x 6"	Cylindrical	1.8 lbs.





Solid Cast Wall Stops No. 400, 401, 402

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Concealed mounting, convex bumper.

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
400	Convex	$\#6x1^{1/2}$ " FH SMS, plastic toggle	2 ⁷ / ₁₆ " dia.	1"	2 lbs./10	L02101
401	Convex	#8 x1" RH WS, plastic anchor	2 ⁷ / ₁₆ " dia.	1"	2 lbs./10	L02101
402	Convex	#8-32x1" TH MS, anchor	2 ⁷ / ₁₆ " dia.	1"	2 lbs./10	L02101



Solid Cast Wall Stops No. 403, 404, 405

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Concealed mounting, concave bumper.

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
403	Concave	#6-1 ¹ / ₂ " FH SMS, plastic toggle	2 ⁷ / ₁₆ " dia.	1"	2 lbs./10	L02251
404	Concave	#8 x 1" RH WS, plastic anchor	2 ⁷ / ₁₆ " dia.	1"	2 lbs./10	L02251
405	Concave	#8-32x1" TH MS, anchor	2 ⁷ / ₁₆ " dia.	1"	2 lbs./10	L02251



Wrought Wall Stops No. 406

Material: Wrought brass, bronze, and stainless steel with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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

> Accepted by the New York State Office of Mental Health (OMH) for use in high risk areas

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
406	Convex	#8x1 ¹ / ₄ " TH SMS, plastic toggle	2¹/₂" dia.	1"	1 ¹ / ₄ lbs./10	L02101



Wrought Wall Stops No. 409

Material: Wrought brass, bronze, and stainless steel with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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

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• Accepted by the New York State Office of Mental Health (OMH) for use in high risk area

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
409	Concave	#8x1 ¹ / ₄ " TH SMS, plastic toggle	21/2" dia.	1"	1 ¹ / ₄ lbs./10	L02251

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Solid Cast Wall Stop No. 412

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: For where concealed mounting is not desired. School version

Options: Tamperproof Torx screws

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
412	Convex	#8 x 1 ³ / ₄ " FH SMS	2 ⁷ / ₁₆ " dia.	1"	3.5 lbs./10	L12111



Solid Cast Wall Stop No. 415

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: Large size with flush back plate spreads impact of heavy or uncontrolled

door contact – avoiding damage to wall. Universal screw pack is included for

all wall conditions

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
415	Convex	1-#8-32x2" RH MS and toggle bolt	4" dia.	3/4"	10 oz. each	L02111
		1-#12-24x1 ¹ / ₄ " RH MS and anchor				
		3-#8x1 ¹ / ₄ " FH SMS and plastic anchors				
		3-#8-32x1/4" FH MS				



Solid Cast Wall Stop No. 416

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: For use where concealed mounting is not desired. School version

Options: Tamperproof Torx screws

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
416	Concave	#8 x 1 ³ / ₄ " FH SMS	2 ⁷ / ₁₆ " dia.	1"	3.5 lbs./10	L12261

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Wrought Wall Stop No. 426

Material: Wrought brass and stainless steel with rubber bumper

Finishes: US32D, 10BE, Stock Powder Coats

Other: Concealed mounting

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
426	Concave	#8 x1 ¹ / ₄ " TH SMS, plastic toggle and plastic anchor	1 ⁷ / ₈ " dia.	1"	1 lbs./10	L02251



Solid Cast Wall Stop No. 430-RKW

Material: Solid brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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	Projection	Weight	ANSI A156.16
430-RK\	W Convex	#6 x³/₄" OH SMS, plastic anchor	1" dia	⁷ / ₁₆ "	0.5 lbs./10	L02101



Wall Stop No. 431-RKW

Material: Gray rubber bumper

Finishes: Gray

Economical bumper for applications where a completely concealed Features:

mounting is not required

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
431-RKW	Concave	#8x1 ¹ / ₄ " TH SMS, #8 flat washer, plastic toggle	1 ⁹ / ₁₆ " dia.	¹⁵ / ₁₆ "	1.0 lbs./10	_



Wall Stop No. 432W

Material: White rubber bumper

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Finishes: White

Features: Economical

• Self-adhesive mounting

No.	Bumper	Fastener	Size	Projection	Weight	ANSI A156.16
432W	Concave	Self-adhesive tape	19/ ₁₆ " dia.	3/4"	5 oz./10	_

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Low Dome Stops No. 440, 441

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Other: No. 441 is packed with both WS and MS fasteners

Features: For doors without thresholds (not undercut).

Options: Exterior pack screw packs, stainless steel plated to match –

use EXP suffix (440 x EXP) when ordering.

No.	Fastener	Base	Height	Weight	ANSI A156.16
440	#12 x 11/4 FH WS, plastic anchor	$^{1}/_{4}$ " h x $1^{7}/_{8}$ " dia.	11/8"	1.5 lbs./10	L02141
441	#12 x $1^{1}/_{2}$ " FH WS, plastic anchor; #12 - 24 x $1^{1}/_{2}$ " FH MS, anchor	¹ / ₄ " h x 1 ⁷ / ₈ " dia.	11/8"	2.1 lbs./10	L02141



Dome Stop Combination Unit No. 441CU

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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

Options: Exterior pack screw packs, stainless steel plated to match –

use EXP suffix (441CUxEXP) when ordering

No.	Fastener	Base	Height	Weight	ANSI A156.16
441CU	#12x1 ¹ / ₂ " FH WS, plastic anchor; #12-24x1 ¹ / ₂ " FH MS, anchor	Dome stop: $^{1}/_{4}$ " h x $^{17}/_{8}$ " dia. Riser: $^{3}/_{8}$ " h x 2" dia.	1 ¹ / ₈ " or 1 ¹ / ₂ "	1.85 lbs./10	L02141/ L02161
444	Cast riser only	³ / ₈ "h x1 ³ / ₄ " dia.	3/8"	10 oz. /10	L02141





Cast Universal Dome Stop No. 441H

Solid cast brass with rubber bumper Material:

Finishes: Available in standard architectural finishes (see page 9)

Features: Low lip dome stop with height of high dome stop, eliminates the need to

> determine requirement for traditional low or high dome stop — one stop for all applications. Integral cast pin for added strength. Universal screw

pack included for all floor conditions

Options: Exterior pack screw packs, stainless steel plated to match –

use EXP suffix (441HxEXP) when ordering.

No.	Fastener	Base	Height	Weight	ANSI A156.16
441H	#12 x 1 1/4 " FH WS, plastic anchor	$^{7/_{32}}$ " h x $1^{7/_{8}}$ " dia.	111/16"	3.2 lbs./10	L02141
	#12-24x1" FH MS, anchor				L02161



High Dome Stops No. 442, 443

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Other: No. 443 is packed with both WS and MS fasteners

Features: For doors with thresholds or undercut doors

Options: Exterior pack screw packs, stainless steel plated to match –

use EXP suffix (442 x EXP) when ordering.

No.	Fastener	Base	Height	Weight	ANSI A156.16
442	#12 x 11/2" FH WS, plastic anchor	$^{1}/_{2}$ " h x $1^{7}/_{8}$ " dia.	11/2"	2.8 lbs./10	L02161
443	#12 x1½ "FH WS, plastic anchor; #12 - 24 x 1" FH MS, anchor	¹ / ₂ " h x 1 ⁷ / ₈ " dia.	1 ⁵ / ₁₆ "	3.2 lbs./10	L02161



No. 445H

Heavy Duty Door Stop No. 445, 445H

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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

Options: Exterior pack screw packs, stainless steel plated to match -

use EXP suffix (445 x EXP) when ordering.

No.	Fastener	Base	Height	Weight
445	2 ea. #12 x 1 1 / $_{2}$ " FH SMS, plastic anchor; #12 – 24 x 1" FH MS, anchor	2"x4"	11/8"	4.6 lbs./10
445H	2 ea. #12 x 1 1 / $_{2}$ " FH SMS, plastic anchor; #12 – 24 x 1" FH MS, anchor	2"x4"	111/16"	6 lbs./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	Height	Weight
449	#12 WS, plastic anchor	1 ⁷ / ₈ " dia.	As specified	1.6 lbs./10



Door Stop No. 446

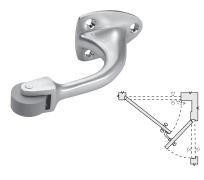
Material: Brass with rubber bumper.

Finishes: Available in standard architectural finishes (see page 9).

Features: Modern style universal stop.

Options: Rubber bumper available in standard gray or optional black.

No.	Fastener	Base	Height	Weight
446	#12x1 ¹ / ₂ " WS, plastic anchor; #12 - 24x1" FH MS, anchor	11/4"	11/2"	0.5 lbs.



Curved Roller Stop No. 455

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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 $2^{1}/_{4}$ "	23/4"	5 lbs./10	L02211



Straight Roller Stop No. 456-RKW

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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

No.	Fastener	Base	Projection	Weight	ANSI A156.16
456-RK\	W 3 ea. #8 x ³ / ₄ " OH SMS	2" dia.	49/16"	4.1 lbs./10	L02191





Straight Roller Stop No. 456L

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

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.	61/4"	4.8 lbs./10	L02191



Kick Down Door Stop No. 458

Material: Cast zinc with rubber bumper

Finishes: Available in bright brass (BRS), dull bronze (BRZ), and

bright chrome plate (CRM)

Features: • Uses replacement bumper No. 461B

• Rubber bumper provides reliable grip on floor.

No.	Fastener	Base	Projection	Weight	ANSI A156.16
458	3 ea. #8x1" 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 rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper No. 461B

· Foot operated, spring loaded

• Rubber bumper provides reliable grip on floor

No.	Fastener	Base	Projection	Weight	ANSI A156.16
459	3 ea. #8 x ³ / ₄ " OH SMS	1 ³ / ₈ " x 5 ³ / ₈ "	17/8"	4.7 lbs./10	L01411



Kick Down Door Stop No. 460

Material: Solid cast aluminum with rubber bumper

Finishes: Spray painted silver (ALM), brass (BRS), bronze (BRZ)

or brown to match US10B (ORB)

Features: • Uses replacement bumper No. 461B

• Rubber bumper provides reliable grip on floor.

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

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Kick Down Door Stop No. 461

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Rubber bumper available in gray or black

Features: • Uses replacement bumper No. 461B

• Rubber bumper provides reliable grip on floor

• A unique assembly design that conceals the axle 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 "	35/8"	5.1 lbs./10	L01382



Kick Down Door Stop No. 461L

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9).

Rubber bumper available in gray or black

Features: • Uses replacement bumper No. 461B

• Rubber bumper provides reliable grip on floor

• A unique assembly design that conceals the axle 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 "	5"	5.7 lbs./10	L01382





Heavy Duty Door Stop No. 462

Material: Flame resistant high impact bumper

Finishes: US2C

Mounting: Drill 1" dia. x 21/2" deep hole, fill with anchoring grout

No.	Diameter	Height	Mounting Bolt	Weight
462	2"dia.	x11/2" h	$^{5}/_{8}$ " x $2^{1}/_{2}$ "	0.6 lbs.



Heavy Duty Door Stop No. 463-RKW

Material: Flame resistant high impact bumper

Finishes: US32D

Drill 1" dia. x 21/2" deep hole, fill with anchoring grout Mounting: Other: Replaceable bumper retained by security Torx MS

No.	Diameter	Height	Mounting Bolt	Weight
463-RKW	2" dia.	x1 ³ / ₄ " h	$^{1}/_{2}$ " x $2^{1}/_{2}$ "	0.5 lbs.



Heavy Duty Door Stop with Holder No. 464-RKW

Material: Cast brass and black rubber bumper

Finishes: US26D

Body: $1 \text{ ea. } \frac{1}{2} \times 4^{1/2}$ " lag bolt; 1 ea. shield; Mounting:

> 2 ea. #8 x 1¹/₄" FH SMS. Cap: 1 ea. #8-32x3/8" RH MS

Features: Offers maximum protection needed for heavily used doors.

Supplied with holder and catch

No.	Diameter	Height	Weight
464-RKW	31/4" dia.	x3"h	1.8 lbs.



Heavy Duty Door Stop No. 465

Material: Wrought brass and black rubber bumper

Finishes: US26D

Mounting: Body: $1 \text{ ea. } \frac{1}{2} \times 4^{1/2}$ " lag bolt; 1 ea. shield.

Cap: 1 ea. $\#8 - 32x^{3/8}$ RH MS

Features: Offers maximum protection needed for heavily used doors

No.	Diameter	Height	Weight
465	3 ¹ / ₄ " dia.	x 2 ⁵ / ₈ " h	1.3 lbs.

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Heavy Duty Door Stop No. 466-RKW

Material: Flame resistant molded rubber bumper

Finishes: Black

Mounting: Drill 1" dia. $x 2^{1/2}$ " deep hole, fill with anchoring grout

Features: • Ideal for use in high vandalism or security areas

No exposed fasteners

No.	Diameter	Height	Mounting Bolt	Weight
466-RKW	2" dia.	x1 ¹ / ₂ " h	⁵ / ₈ " x 2 ¹ / ₂ "	0.6 lbs.



Heavy Duty Door Stop No. 467-RKW

Material: Flame resistant molded rubber bumper

Finishes: Black

Mounting: Drill 1" dia. x 21/2" 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

• Accepted by the New York State Office of Mental Health (OMH)

for use in high risk areas

No.	Diameter	Height	Mounting Bolt	Weight
467-RKW	2" dia.	x 3 ¹ / ₂ " h	$^{5}/_{8}$ " x $2^{1}/_{2}$ "	0.9 lbs.



Heavy Duty Door Stop No. 468-RKW

Material: Wrought stainless steel and black rubber bumper

Finishes: US32D

 $\textbf{Mounting:} \quad \text{Drill } 1^{1}\!/_{2}\text{"dia.}\,x7\text{" deep hole, fill with anchoring grout}$

Features: • Ideal for use in high vandalism or security area

No exposed fasteners

Accepted by the New York State Office of Mental Health (OMH)

for use in high risk areas

No.	Diameter	Height	Mounting Bolt	Weight
468-RKW	2" dia.	x3"h	1"x7"	2.6 lbs.





No. 471

Door Stops No. 470, 471

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Options: Exterior pack screw packs, stainless steel plated to match —

use EXP suffix (470 x EXP) when ordering

No.	Fastener	Base	Height	Weight	ANSI A156.16
470	3 ea. #12x1 ¹ / ₄ " FH WS; 3 ea. plastic anchors	2 ¹ / ₂ " dia.	3"	0.7 lbs.	L02121
471	1 ea. ⁵ / ₁₆ – 18 x 1 ³ / ₄ " stud, anchor; #8 x ³ / ₄ " OH SMS, plastic anchor	2¹/₂" dia.	3"	0.7 lbs.	L02131



No. 473

Door Stops with Keepers No. 472, 473

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Other: Keeper size 1" w x13/4" h

Options: Exterior pack screw packs, stainless steel plated to match –

use EXP suffix (472 x EXP) when ordering

No.	Fastener	Base	Height	Weight	ANSI A156.16
472	3 ea. #12x1 ¹ / ₄ " FH WS; 3 ea. plastic anchors Keeper: 2 ea. #12x1 ¹ / ₄ " FH WS; 2 ea. plastic anchors	2 ¹ / ₂ " dia.	33/4"	0.9 lbs.	L01361
473	⁵ / ₁₆ – 18 x 1 ³ / ₄ " stud, anchor; #8 x ³ / ₄ " OH SMS, plastic anchor Keeper: 2 ea. #12 x1 ¹ / ₄ " FH WS; 2 ea. plastic anchors	2 ¹ / ₂ " dia.	33/4"	0.9 lbs.	L01371



No. 474

Door Stops No. 474, 475

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

No.	Fastener	Base	Projection	Weight	ANSI A156.16
474	3 ea. #12x1 ¹ / ₄ " FH WS, 3 ea. plastic anchors	2 ¹ / ₄ " dia.	33/4"	0.6 lbs.	L02011
475	1 ea. ⁵ / ₁₆ – 18 x 1 ³ / ₄ " stud, anchor; #8 x ³ / ₄ " OH SMS, plastic anchor	2 ¹ / ₄ " dia.	3 ³ / ₄ "	0.6 lbs.	L02021



No. 476

Door Stops with Keepers No. 476, 477

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Other: Keeper size 1" w x 1³/₄" h

No.	Fastener	Base	Projection	Weight	ANSI A156.16
476	3 ea. #12x1 ¹ / ₄ " FH WS, 3 ea. plastic anchors	2 ¹ / ₄ " dia.	3 ³ / ₄ "	0.8 lbs.	L01341
	Keeper: 2 ea. #12x1 ¹ / ₄ " FH WS;				
	2 ea. plastic anchors				
477	¹⁵ / ₁₆ - 18 x 1 ³ / ₄ " stud, anchor;	21/4" dia.	33/4"	0.8 lbs.	L01351
	#8x ³ / ₄ " OH SMS, plastic anchor				
	Keeper: 2 ea. #12x1 ¹ / ₄ " FH WS;				
	2 ea. plastic anchors				



Door Stops No. 480

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

Options: • Rubber bumper available in standard gray or optional black

• Exterior pack screw packs, stainless steel plated to match — use EXP

suffix (480 x EXP) when ordering

No.	Fastener	Base	Height	Weight
480	3 ea. #12 - 24 x 1 ¹ / ₄ " FH WS, 3 ea Plastic Anchors	$2^{1/2}$ " x $1^{3/4}$ "	1 ⁵ / ₈ "	4.6 lbs./10



Door Stops No. 480H

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

Options: • Rubber bumper available in standard gray or optional black

• Exterior pack screw packs, stainless steel plated to match — use EXP

suffix (480H x EXP) when ordering

No.	Fastener	Base	Height	Weight
480H	3 ea #12 x 1 ¹ / ₄ " FH WS, 3 ea. Plastic Anchors	$2^{1/2}$ " x $1^{3/4}$ "	21/4"	6.2 lbs./10





Door Stops No. 481

Solid cast brass with rubber bumper Material:

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

• Rubber bumper available in standard gray or optional black Options:

• Exterior pack screw packs, stainless steel plated to match — use EXP

suffix (481 x EXP) when ordering

No.	Fastener	Base	Height	Weight
481	3 ea. #12-24x1" FH MS, 3 ea. anchors	$2^{1/2}$ " x $1^{3/4}$ "	1 ⁵ / ₈ "	5.8 lbs./10



Door Stops No. 481H

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

Options: • Rubber bumper available in standard gray or optional black

• Exterior pack screw packs, stainless steel plated to match —

use EXP suffix (481H x EXP) when ordering

No.	Fastener	Base	Height	Weight
481H	3 ea. #12-24x1" FH MS, 3 ea. anchors	2 ¹ / ₂ " x 1 ³ / ₄ "	21/4"	7.2 lbs./10



Heavy Duty Mounting Plate No. 481MP

Aluminum and steel Material:

Finishes: Powder coat to match stop finish

Features: ³/₈" aluminum base plate for securely anchoring 481 or 481H door stops in

heavy use areas

Requires $3^{1/2}$ " diameter hole $3^{1/2}$ " deep. Fill with quick drying cement and set anchor plate flush to finished floor with hole pattern at appropriate

location for door stop to interface with door surface

No.	Fastener	Base	Height	Weight
481MP	None	3"dia	Flush to floor	4.5 lbs./10

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Door Stop No. 482

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

Options: • Rubber bumper available in standard gray or optional black.

ullet Exterior pack screw packs, stainless steel plated to match -

use EXP suffix (482 x EXP) when ordering.

No.	Fastener	Base	Height	Weight	ANSI A156.16
482	⁵ / ₁₆ – 18 x 1 ³ / ₄ " stud, anchor; #12 x 1 ¹ / ₄ " FH WS, plastic anchor	$1^{1/2}$ " x $2^{1/2}$ "	21/8"	6.5 lbs./10	L02131



Door Stop No. 483

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

Options: • Rubber bumper available in standard gray or optional black.

 Exterior pack screw packs, stainless steel plated to match use EXP suffix (483 x EXP) when ordering.

 No.
 Fastener
 Base
 Height
 Weight
 ANSI A156.16

 483
 5/16 - 18 x 1³/₄" stud, anchor; #12 x 1¹/₄" FH WS, plastic anchor
 1⁵/₈" x 2⁵/₈"
 2³/₄"
 6.7 lbs./10
 L02131



Door Stop with Keeper No. 485

Material: Solid cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Features: • Uses replacement bumper 461B

• Heavy duty and ideal for use on heavy doors or in high traffic areas

Options: • Rubber bumper available in standard gray or optional black

 \bullet Exterior pack screw packs, stainless steel plated to match -

use EXP suffix (485 x EXP) when ordering

No.	Fastener	Base	Height	Weight	ANSI A156.16
485	^{5/} ₁₆ –18 x1 ³ / ₄ " stud, anchor; #12 x1 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 rubber bumper

Finishes: US2C

Features: For undercut doors up to $1^{1/2}$ "

No.	Fastener	Base	Height	Weight	
486	2 ea. #12x1 ^{1/} 2" FH SMS, 2 ea. plastic anchors	$1'' \times 2^{1/2}''$	2 ⁵ /8"	4 lbs./10	



Heavy Duty Wall Stop No. 487

Material: Solid cast brass with rubber bumper

Finishes: US26D

Features: Sloping design resists vandalism

No.	Fastener	Base	Projection	Weight
487	3 ea. #10 x1" FH SMS, 3 ea. plastic anchors	2 ¹ / ₄ " x 3"	33/4"	0.8 lbs.



Door Stop No. 488

Material: Solid brass

Finishes: Available in standard architectural finishes (see page 9)

Features: For single doors

No.	Fastener	Base	Height	Weight
488	2 ea. #12x1½" FH WS, 2 ea. plastic anchors; 2 ea. #12-24x1" FH MS	1 ¹ / ₂ " x 2"	1"	2.2 lbs./10



Door Stop No. 489

Material: Solid brass

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Finishes: Available in standard architectural finishes (see page 9)

Features: For single or pair of doors

No.	Fastener	Base	Height	Weight
489	4 ea. #12 x 1 ¹ / ₂ " FH WS, 4 ea. plastic anchors;	3"x2"	1"	4.1 lbs./10
	4 pg #12 - 24 x 1" FH MS			

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Door Holder with Stop No. 490

Material: Cast brass Finishes: US26D

Other: Holder base: 2³/₄" wx 2¹/₂" h

Holder projection: 21/8" Strike base: 1"wx2"h Strike projection: 2"

No.	Fastener	Weight	ANSI A156.16
490	5 ea. #10 x1" OH SMS, 3 ea. plastic anchors; 3 ea. #10 - $24 \times 1^{1/4}$ " FH MS	0.8 lbs.	L01291



Automatic Door Holder with Stop No. 491–RKW, 491R, 491S

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Other: Holder base: 3"wx3³/₈"h

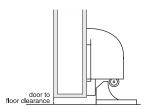
Holder projection: 2¹/₈" Strike base: 4" wx 2" h Strike projection: 1¹/₄"

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-RKW	Strike: 3 ea. #12 x $1^{1/4}$ " FH WS, 3 ea. plastic anchors Body: 4 ea. #10 x $1^{1/4}$ " FH WS	Floor	1/2" or less door to floor	1.5 lbs.	L01301
491R	Strike: 3 ea. 12 - 24 x 1" FH MS, 3 ea. anchors Body: 4 ea. #10 x 1½" FH WS	Floor	¹ / ₂ " or less door to floor	1.5 lbs.	L01301
491S	Strike: 3 ea. 12 - 24 x 1" FH MS, 3 anchors Body: 4 ea. 10 - 24 x 1" FH MS; 4 ea. 10 - 24 x 1 ³ / ₈ " sex bolt	Floor	^{1/} 2" or less door to floor	1.5 lbs.	L01301



Automatic Door Holder with Stop No. 494-RKW, 494R, 494S

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Other: Holder base: 3"wx33/8"h

Holder projection: 21/8" Strike base: 2"wx3"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-RKW	Strike: 3 ea. #12x1 ¹ / ₄ " FH WS, 3 ea. plastic anchors Body: 4 ea. #10x1 ¹ / ₄ " FH WS	Wall	3³/₄" wall to door	1.7 lbs.	L01291
494R	Strike: 3 ea. #12-24x1" FH MS, 3 ea. anchors Body: 4 ea. #10x1 ¹ / ₄ " FH WS	Wall	3 ³ / ₄ " wall to door	1.7 lbs.	L01291
494S	Strike: 3 ea. #12-24x1" FH MS, 3 ea. anchors Body: 4 ea. #10-24x1" FH MS; 4 ea. #10-24x1 ³ / ₆ " sex bolt	Wall	3³/₄" wall to door	1.7 lbs.	L01291

NOTE: 494-RKW can be used as Foot Pull and Holder, see page B35.



Concealed Magnetic Door Stop No. 495

Material: Brass, Low Carbon Steel, Stainless Steel and Polycarbonate with Magnet

Finishes: US26D, Black, Clear

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Features: • Fully concealed magnetic door stop that includes a hold-open function.

• Concealed magnet technology ensures exceptional mechanical functionality.

No.	Fastener	Door Stop Overall	Weight	Material Size
495	2 ea #8 x 1" Stainless Steel Screws	113/16"	.37 lbs.	Magnet: 19/32" x Ø 15/16"
				Strike Plate: 115/16" x 35/32"
				Pin: 1-3/4" x Ø 3/8"
				Floor Insert: 1 ¹¹ / ₁₆ " x Ø 1 ³ / ₃₂ "





Door Stops No. 505-RKW, 508

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9).

Options: Rubber bumper available in standard white or optional gray and black

No.	Fastener	Base	Projection	Weight	ANSI A156.16
505-RKW	#10 - 24 x 1 ¹ / ₄ " hanger bolt	1" dia.	31/8"	1.6 lbs./10	L02031
508	#10 - 24 x 1 ¹ / ₄ " hanger bolt	1"dia.	4 ³ / ₁₆ "	2.2 lbs./10	L02031



Aluminum Door Stop No. 517

Material: Cast aluminum with rubber bumper

Finishes: Bright brass (BRS) and burnished aluminum (ALM)

Options: Rubber bumper available in standard white or optional gray and black

No.	Fastener	Base	Projection	Weight	ANSI
517	2 ea. #8 x ³ / ₄ " OH SMS	1 ¹ / ₂ " dia.	33/4"	1.1 lbs./10	



Door Stop No. 518

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Options: Rubber bumper available in standard white or optional gray and black

No.	Fastener	Base	Projection	Weight	ANSI
518	2 ea. #8 x³/₄" OH SMS	1 ¹ / ₂ " dia.	33/4"	1.9 lbs./10	_



Door Stop No. 519

Material: Cast brass with rubber bumper

Finishes: Available in standard architectural finishes (see page 9)

Options: Rubber bumper available in standard white or optional gray and black

No.	Fastener	Base	Projection	Weight	ANSI A156.16
519	#10 - 24 x 1 ¹ / ₄ " hanger bolt	1¹/₄" dia.	31/4"	1.7 lbs./10	L02031



Replacement Bumper No. 520

Material: Rubber bumper

Weight: 0.7 lbs./10.

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

Options: Available in standard white or optional gray and black.

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Spring Base Door Stop No. 525

Material: Spring steel

Finishes: Antique brass (ANT) with White bumper, bright brass (BRS)

with White bumper, bright nickel (NP) with White bumper, black (BLK)

with Black bumper

Heavy spring construction for durable wear Features:

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

Spring Finishes: Bright brass (BRS), bright nickel (NP)

White Rubber bumper color:

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)

 Positive slip proof adjustment Features:

> • Heavy wrought steel construction works with both $^{1}/_{4}$ " and $^{5}/_{16}$ " hinge pins

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

ROCKWOOD ASSA ABLOY

Introduction to Overhead Stops & Holders

Rockwood Overhead Stops and Holders are used to extend the life of the door, frame and any door closing devices. They may be necessary if there are strong winds, high traffic or abuse.

- When used in conjunction with a floor closer, you have absolute door control, top and bottom.
- Provides positive deadstop at selected degree
- There are 2 functions, 3 ways to order:

Hold Open – door remains held open near deadstop location

Stops - door deadstops at a particular degree of opening

Multi Function – adaptable as hold open and/or stops

- · Available as surface mounted or concealed
- Standard mount on push side of door (See model descriptions for pull side installations)
- Thru bolts are furnished with all surface models and must be used for installation

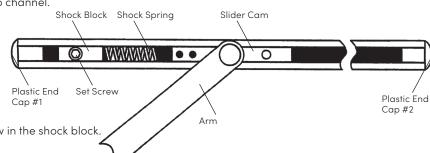
WARNING: HOLD OPEN FUNCTION CANNOT BE USED ON LABELED OPENINGS!

To Convert from Hold Open to Stop Function:

- 1. Remove the plastic end cap (#1) at the spring end of the channel. Block Plate
- 2. With ³/₁₆" hex key wrench, loosen the set screw in shock block.
- 3. Remove the shock block plate and the hold open spring from channel.
- 4. Remove the hold open spring from the shock block.
- 5. Replace the shock block and block plate into channel.
- 6. Replace the plastic end cap.
- 7. Install unit on door.
- 8. Adjust to desired opening and tighten set screw.

To Select Degree of Stop (Hold Open Models):

- 1. Engage door in hold open position.
- 2. Using a ³/₁₆" hex wrench, loosen the set screw in the shock block.
- 3. Open door to desired degree of opening.
- 4. Tighten set screw.
- 5. Verify door opening position and re-adjust, if needed.



Shock Block

Hold Open Spring





Heavy Duty Concealed OH100 Series

Material: Stainless steel Finishes: US32D, 10BE

Fasteners: $|amb: \frac{1}{4} - 20 \times \frac{3}{4}|^{2}$ FH MS or #14 x $\frac{1}{2}|^{2}$ FH WS Door: $\frac{5}{16}$ -18 x $\frac{11}{2}$ " FH MS or #18 x 3" FH WS

Features: • Doors may be single or double acting

· Non-handed • Slide track design

• Recommended for high traffic, heavy abuse installations

• Heavy shock absorber spring provides 5-7° compression before

• Surface on/off knob on hold open models

• Complete screw packet for installation in wood and machine screws for door and frame

• For security areas, Torx® screws available for exposed fasteners.

• Durable slider cam and shock block

• 110° maximum opening

• 1³/₄" minimum door thickness, for thicker doors, note thickness when ordering

• 1³/₁₆" square channel

• Stop function UL listed for fire door assemblies

		Door Opening			
No.	Function	Butts/Offset Pivots	Center Hung	Weight	ANSI A156.8
OH101H	Hold open	24" - 28"	-	4.5 lbs.	C01511
OH102H	Hold open	281/16" - 33"	30" - 36"	4.5 lbs.	C01511
OH103H	Hold open	331/16" - 38"	361/16" - 41"	4.5 lbs.	C01511
OH104H	Hold open	381/16" - 43"	411/16" - 46"	4.5 lbs.	C01511
OH105H	Hold open	431/16" - 48"	461/16" - 50"	4.5 lbs.	C01511
OH101S	Stop only	24" - 28"	_	4.5 lbs.	C01541
OH102S	Stop only	281/16" - 33"	30" - 36"	4.5 lbs.	C01541
OH103S	Stop only	331/16" - 38"	361/16" - 41"	4.5 lbs.	C01541
OH104S	Stop only	381/16" - 43"	411/16" - 46"	4.5 lbs.	C01541
OH105S	Stop only	431/16" - 48"	461/16" - 50"	4.5 lbs.	C01541

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Standard Duty Concealed OH200 Series

Material: Stainless steel Finishes: US32D, 10BE

Fasteners: Jamb: #12-24 $\times \frac{1}{2}$ " FH MS or #12 $\times \frac{1}{2}$ " FH WS

Door: #12-24 x 11/2" FH MS or #12 x 11/2" FH WS

Features: • Doors may be single or double acting

• Non-handed

• Slide track design

• Recommended for medium traffic, medium weight doors

• Degree of opening is fully adjustable and can be adapted to changing needs

• Heavy shock absorber spring provides 5-7° compression before deadstop

• Multi-function unit is shipped as a stop. Can be converted to a hold open or friction in the field. MF5012 KIT (Adapter kit) included

• Complete screw packet kit for installation in wood or metal door and frame

• For security areas, Torx® screws available for exposed fasteners, but heavy-duty units should be considered for high security applications

• Durable slider cam and shock block

• 110° maximum opening

• 3/4" square channel

• Stop function UL listed for fire door assemblies

		Door Opening			
No.	Function	Butts/Offset Pivots	Center Hung	Weight	ANSI A156.8
OH201M	Multi-function	18" - 24"	_	3.5 lbs.	-
OH202M	Multi-function	241/16" - 30"	27" - 32"	3.5 lbs.	_
OH203M	Multi-function	301/16" - 36"	321/16" - 381/2"	3.5 lbs.	_
OH204M	Multi-function	361/16" - 42"	389/16" - 45"	3.5 lbs.	-
OH205M	Multi-function	421/16" - 48"	451/16" - 48"	3.5 lbs.	-





Heavy Duty Surface Mounted OH900 Series

Material: Stainless steel Finishes: US32D, 10BE

Fasteners: Jamb: $^{1}/_{4}$ -20 x $^{3}/_{4}$ " FH MS or #14 x $1^{1}/_{2}$ " FH WS

Door: $\frac{5}{16}$ –18 x 2" FH MS and $\frac{1}{2}$ " dia. sex bolt

Features: • Doors are single acting

Non-handed

• Slide track design

• Recommended for high traffic, heavy abuse installations

Heavy shock absorber spring provides 5-7° compression before deadstop

• On/off knob on hold open models

• Complete screw packet with thru-bolts for door, wood and machine screws for frame

• Torx® screws optional for security applications

• Durable slider cam and shock block

• 110° maximum opening

• 13/4" minimum door thickness

• 1³/₁₆" square channel

• Stop function UL listed for fire door assemblies

• For pull side mounting or flush mounting on push side or for rabbeted push side use angle jamb bracket adapter JB900LH or JB900RH

		Door Opening			
No.	Function	Butts/Offset Pivots	Center Hung	Weight	ANSI A156.8
OH901H	Hold open	24" - 28"	-	4.5 lbs.	C02511
OH902H	Hold open	281/16" - 33"	30" - 36"	4.5 lbs.	C02511
ОН903Н	Hold open	331/16" - 38"	361/16" - 41"	4.5 lbs.	C02511
OH904H	Hold open	381/16" - 43"	411/16" - 46"	4.5 lbs.	C02511
OH905H	Hold open	431/16" - 48"	461/16" - 50"	4.5 lbs.	C02511
OH901S	Stop only	24" - 28"	-	4.5 lbs.	C02541
OH902S	Stop only	281/16" - 33"	30" - 36"	4.5 lbs.	C02541
OH903S	Stop only	331/16" - 38"	361/16" - 41"	4.5 lbs.	C02541
OH904S	Stop only	381/16" - 43"	411/16" - 46"	4.5 lbs.	C02541
OH905S	Stop only	431/16" - 48"	461/16" - 50"	4.5 lbs.	C02541

ROCKWOOD ASSA ABLOY



Standard Duty Surface Mounted OH1000 Series

Material: Stainless steel Finishes: US32D, 10BE

Fasteners: Jamb: #12 x $1^{1/2}$ " FH WS or #12-24 x $1^{1/2}$ " FH MS

Door: #12-24 x $1^{1}/_{2}$ " FH MS and $5/_{16}$ " dia. sex bolt

Features: Single acting doors

• Non-handed

• Slide track design

• Recommended for medium traffic, medium weight doors

• Degree of opening fully adjustable and can be adapted to changing needs

• Heavy shock absorber spring provides compression before deadstop

• Multi-function unit is shipped as a stop. Can be converted to a hold open or friction in field. MF5012 KIT (Adapter kit) included

• Complete screw packet with thru-bolts for door, wood and machine screws for

• Torx® screws optional for security applications, but heavy-duty units should be considered for high-security applications

• Durable slider cam and shock block

• 110° maximum opening

 \bullet $^{3}/_{4}$ " square channel

• Stop function UL listed for fire door assemblies

• For pull side mounting or flush and rabbeted mounting on push side use angle jamb bracket adapter JB1000

Door Opening Function Butts/Offset Pivots Center Hung Weight ANSI A156.8 No. OH1001M Multi-function 18" - 24" 21" - 261/2" 3.5 lbs. OH1002M Multi-function 241/16" - 30" 269/16" - 32" 3.5 lbs. OH1003M Multi-function 301/16" - 36" 321/16" - 38" 3.5 lbs. OH1004M Multi-function 361/16" - 42" 381/16" - 45" 3.5 lbs. OH1005M Multi-function 421/16" - 48" 451/16" - 48" 3.5 lbs.





Lever Extension Flush Bolt No. 550

Material: Brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 8 ea. #8 x ³/₄" FH combo screws

Features: • For Fire Rated Hollow Metal Swinging Doors measuring up to

4'w x 10'h rated up to and including 3 Hours

 \bullet $^{3}/_{4}$ " bolt throw, $^{3}/_{4}$ " rod backset

• 12" rod length (center of face to bolt end - retracted)

• 11/2" adjustable bolt head

Options: • Other size rods available are 18", 24", 36", 48"

• Use No. 570 Dust Proof Strike (shown on page E4) 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



Rabbet Piece No. 554

Material:

Finishes: Available in standard architectural finishes (see page 9)

2 ea. #8 x 1¹/₄" FH WS Fastener:

Other: For use on rabbeted doors to fill mortise cut

No. Size Weight **ANSI A156.16** 554 $^{1}/_{2}$ " x $6^{3}/_{4}$ " 1.5 lbs./10 W/555 L04101





Rabbet Guides No. 554G, 554S

Material: Brass Finishes: Brass

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Fastener: 2 ea. #6 x ³/₄" FH combo screws

ROCKWOOD ASSA ABLOY



Lever Extension Flush Bolt No. 555

Material: Brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 8 ea. #8 x 3/4" FH combo screws

Features: • For Fire Rated Hollow Metal Swinging Doors measuring up to

4'w x 10'h rated up to and including 3 Hours
• 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)

• 11/2" adjustable bolt head

Options: • Other size rods available are 18", 24", 36", 48"

• Extra long bolt head - 21/2" (or to your specification)

• Use No. 570 Dust Proof Strike (shown on page E4) 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	





Lever Extension Flush Bolt with Bottom Fire Bolt No. 555 x 18BFB

Material: Flush bolt – brass

Bottom fire bolt – stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 8 ea. #8 x ³/₄" FH combo screws

Features: • For Fire Rated Hollow Metal Swinging Doors measuring up to

4'w x 9'h rated up to and including 3 Hours

• 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)

• 11/2" adjustable bolt head

 When door is subjected to 230°F the plug and black plastic cover will melt allowing the bolt to project, locking the leaves together

• Bottom fire bolt eliminates need for floor prep.

• Oversize fire bolt strike hole allows for slight door misalignment

Options: • Other size rods available are 18", 24", 36", 48"

• Extra long bolt head – 21/2" (or to your specification)

No.	Size	Weight
555 x 18BFB	Top bolt: 1" x 6 ³ / ₄ "	0.9 lbs.
	Bottom bolt: 13/16" dia.	

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Lever Extension Flush Bolt No. 556WS Windstorm

The Rockwood 556WS Flush Bolt is part of a UL certified assembly from ASSA ABLOY. Listed for use on both in-swing or out-swing paired applications, the full assembly includes doors from Ceco Door, Curries or Fleming and latching hardware from Corbin Russwin, SARGENT or ASSA ABLOY ACCENTRATM.

Material: Brass and Stainless Steel

Finishes:

No.

556WS

Fastener: 8 ea. #8 - 32 x 1/4" FH MS in Stainless Steel

Features: • 3/4" bolt throw, 3/4" rod backset

• 12" Stainless Steel rod length (center of face to bolt end - retracted).

Strike: 15/16" x 21/4"

Guide: 1" x 2"

• Tested to ASTM E330, E1886, E1996 and the TAS 201, 202, and 203. Assembly approved for use in the state of Florida including the High Velocity Hurricane Zone (HVHZ)

Size Material Weight **ANSI A156.16** Face plate: 1" x 6³/₄" x ¹/₈" Brass 2.5 lbs./2 L04251 Mortise Body 1" x 51/4" x 13/8" Brass Stainless Steel Rod 12" x 1/2"D

Stainless Steel

Stainless Steel



Lever Extension Flush Bolt No. 557

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 7 ea. #8 x ³/₄" FH combo screws

> 4 ea. $\#8 - 32x^{1/2}$ " FH MS 4 ea. #8 counter sunk washer

Features: • For Fire Rated Plastic & Wood Covered Doors measuring up to

4'w x 10'h rated up to and including $1^{1}/_{2}$ Hours

• 3/4" bolt throw, 3/4" backset; door strength maintained by corner

reinforcing plate

Use No. 570 Dust Proof Strike (shown on page E4) to Options:

prevent dirt blocking bottom strike

No.	Size	Weight	ANSI A156.16	
557	Face plate: 1" x 6 ³ / ₄ " Strike: ¹⁵ / ₁₆ " x 2 ¹ / ₄ "	1.7 lbs./2	L04261	



ROCKWOOD



Lever Extension Flush Bolt With Bottom Fire Bolt No. 557 x 19BFB

Material: Flush bolt – brass

Bottom fire bolt – stainless steel

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 7 ea. #8 x³/₄" FH combo screws

4 ea. #8 - 32 x¹/₂" FH MS 4 ea. #8 counter sunk washer

Features: • For Fire Rated Plastic & Wood Covered Fire Doors measuring up to

4'w x 9'h rated up to 20 minutes

• ³/₄" bolt throw, ³/₄" backset; door strength maintained by corner reinforcing plate

• When door is subjected to 230°F the plug and black plastic cover will melt

allowing the bolt to project, locking the leaves together

Bottom fire bolt eliminates need for floor prep

• Oversize fire bolt strike hole allows for slight door misalignment

 No.
 Size
 Weight

 557 x 19BFB
 Top bolt: 1" x 6³/4" Bottom bolt: 1³/16" dia.
 0.9 lbs.



Dust Proof Strike No. 570

Material: Brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: Adjustment nut

Spanner wrench

2 ea. $\#8 \times 1$ OH SMS, 2 ea. plastic anchors 2 ea. $\#8 - 32 \times^{3/4}$ " OH MS, 2 ea. 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: ³ / ₄ " dia.x 2" depth	0.4 lbs.	L04021



Gravity Door Coordinator No. 576

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9).

Fastener: Body: 2 ea. #10 x1" FH SMS, 2 ea. #10 - 24 x1" FH MS

Strike: 5 ea. #8x1" FH SMS

Other: • For use on door sizes:

- with Astragal on active door – 18" to 48"

- with Astragal on inactive door – 18" to 34"

- with Astragal on both doors – 18" to 30"

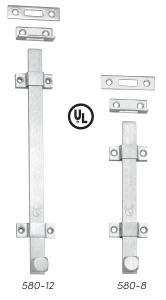
• The overlap of the astragal is maximum 7/8" with door hung on standard hinges. Customer must contact the factory for all other astragal situations

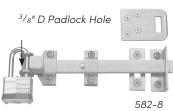
Features: Non-handed reversible. Prevents the active door from closing until the

inactive door is closed

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

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Surface Bolts No. 580, 582 Series

Material: No. 580: Steel, stainless steel

No. 582: Stainless steel

Finishes: US3, US10B, US26D, US32D, 10BE, BSP, WSP, BPC, WPC

Fastener: No. 580: 8 ea. #10 x 1¹/₄" FH SMS, 8 ea. #10 - 24 x 1" FH MS

No. 582: Bolt: 4 ea. #10 – 24 x $1\frac{1}{2}$ " PH MS; 4 ea. #10 x $1^{1/4}$ " PH WS Strikes: 6 ea. #10 – 32 x $1^{1/2}$ " FH MS; 6 ea. #10 – 32 x $1^{1/2}$ " FH WS

Other: $1^{1/8}$ " bolt throw, 1/4" $1^{1/8}$ " bolt material

Features: • No. 580 Series bolts are UL listed for use on inactive leaf of a pair of

3-hour labeled fire doors

• No. 580 and No. 582 series both include a universal top strike and a

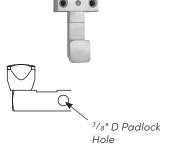
mortise bottom strike

• No. 582 Series has a bracket for padlock (padlock not included)

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
582-8	8"	1.3 lbs.	
582-12	12"	1.6 lbs.	





Heavy Duty Surface Bolts No. 585 Series

Material: Steel

Finishes: US26D, 10BE, BSP, WSP, BPC, WPC, FBPC, RPC, 314E, 315E

Fastener: Bolt: $4 \text{ ea.} \frac{1}{4} - 20 \times 2^{1} \frac{1}{4}$ FH MS

4 ea. $^{1}/_{4}$ – $20 \times 1^{5}/_{8}$ " sex bolts

Strike: 2 ea. #14 \times 2 $^{1/2}$ " FH SMS, 2 ea. Plastic Anchors 2 ea. $^{1/4}$ – 20 x1" FH MS, 2 ea. $^{1/4}$ – 20 Anchors

Other: $1^{1/4}$ " bolt throw, 3/4" $\times 3/4$ " bolt material

Features: •*UL listed up to 24" bolt size for use on inactive leaf of a pair of 3-hour

labeled fire doors

• 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

Accommodates padlock

No.	Bolt Length	Weight	ANSI A156.16	
585-12	12"	3.9 lbs.	L04161	
585-24	24"	6.1 lbs.	L04161	
585-36	36"	8.3 lbs.	L04161	
585-48	48"	10.5 lbs.	L04161	



Roller Latch with Cast Strike No. 590

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Roller in white or black contingent on specified finish

Fastener: Body: 2 ea. #8 x ³/₄" FH combo screws

Strike: 2 ea. #8 x 3/4" FH combo screws

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



Double Acting Strike No. 590DA

Material: Brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: Strike: 4 ea. #8 x ³/₄" FH combo screws

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 (Strike Only)	1" x 3 ³ / ₈ "	2 ³ / ₄ " x specify	0.6 lbs.



Roller Latch with ASA Strike No. 591

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Roller in white or black contingent on specified finish

Fastener: Body: 2 ea. #8 x ³/₄" FH combo screws

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 "	$1^{1/4} \times 4^{7/8}$ "	0.6 lbs.





Roller Latch with No. 161 Strike No. 592

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Roller in white or black contingent on specified finish

Fastener: Body: 2 ea. #8 x³/₄" FH combo screws

Strike: 2 ea. #8 x 3/4" FH combo screws

• Solid nylon roller for durable silent operation Features:

• Simple adjustment for roller projection

• Accepted by the New York State Office of Mental Health (OMH)

for use in high risk areas

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 9)

Roller in white or black contingent on specified finish

Fastener: Body: 2 ea. #12 x 11/2 " FH WS

Strike: 2 ea. #8 x 3/4" FH combo screws

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.	E09111





Roller Latch with No. 161 Strike No. 594

Material: Cast brass

Available in standard architectural finishes (see page 9) Finishes:

Fastener: Body: 2 ea. #8 x 3/4" FH combo screws

Strike: 2 ea. #8 x 3/4" FH combo screws

• Solid nylon roller for durable silent operation

• Simple adjustment for roller projection

No.	Latch Face	Strike	Weight
594	$1^{1}/_{8}$ " x $2^{1}/_{4}$ "	$1^{1}/_{8}$ " x $2^{3}/_{4}$ "	0.7 lbs.

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Secret Gate Latch No. 602

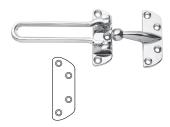
Material: Cast brass

Finishes: US4, US10, US10B, 10BE, 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 1 ¹ / ₄ " OH WS	Case: 2 ¹ / ₁₆ " x 2 ⁷ / ₁₆ " Strike: 2 ¹ / ₁₆ " x ³ / ₄ "	3.4 lbs./6



Door Guard No. 603

Material: Cast aluminum

Finishes: Antique brass (ANT), bright brass (BRS), bright chrome (CRM)

Options: 1/8" clear plastic shim - order separately as 603 SHIM

No.	Fastener	Size	Weight	ANSI A156.16
603	Body: 3 ea. #6x1 ¹ / ₂ " FH SMS Strike: 4 ea. #6 x 1" FH SMS	Body: ²⁹ / ₃₂ " x 2 ¹ / ₂ " Strike: ³¹ / ₃₂ " x 2 ¹ / ₂ "	3.3 lbs./10	L33042
603 SHIM		³¹ / ₃₂ " x 2 ¹ / ₂ "		



Door Guard No. 604

Material: Solid cast brass

Finishes: US3, US4, US10, US10B, US26, US26D, US15

Options: 1/8" clear plastic shim – order separately as 604 SHIM

No.	Fastener	Size	Weight	ANSI A156.16
604	Body: 3 ea. #6x1 ¹ / ₂ " OH SMS Strike: 4 ea. #6x ³ / ₄ " OH SMS	Body: 1 ¹ / ₁₆ " x 2 ⁹ / ₁₆ " Strike: 1 ⁵ / ₈ " x 1 ¹ / ₁₆ "	4.4 lbs./10	L13042
604 SHIM		1 ¹ / ₁₆ " x 1 ¹ / ₁₆ "		



Door Guard Protection Plates No. 605, 605SMS

Material: Brass

Finishes: US3, US4, US10, US10B, US15, US26, US26D, Stock Powder Coats

Features: Protects corner of door from damage by door guard arm

No.	Fastener	Size	Weight	
605	Self-adhesive tape	$1^{1}/_{8}$ " x 1" x $^{1}/_{2}$ " return	0.3 lbs./10	
605SMS	#6x ⁵ /8" FH SMS	1 ¹ / ₈ " x 1" x ¹ / ₂ " return	0.3 lbs./10	



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Wall Guard No. 606-RKW

Material: Clear rubber

Other: Sold in sheets of 55

Features: Self-adhesive mounting

No.	Fastener	Size	Weight
606-RKW	Self-adhesive back	1"×1"	0.4 lbs./55



Privacy Door Latch No. PDLAA

Material: Zinc die cast

Finishes: US26D, US26, US15, BSP, US3, US4, 10BE

Features: • ADA compliant

• Enhanced in room privacy

• Easy to install

• For use with UL Classified fire doors for use with hollow metal steel composite type fire doors rated up to and including 3 hrs Wood composite type fire doors rated up to and including $1^{1/2}$ hrs

and 20 minutes without hose stream

No.	Fastener	Size	Weight
PDLAA	#12 x 1-1/4" FH SMS	$1^{1/2}$ " x $2^{3/16}$ "	0.8 oz.



Door Silencer No. 608CA

Material: Clear rubber

Other: Sold in packages of 300

Features: Self-adhesive mounting

No.	Fastener	Size	Weight
608CA	³ / ₈ " dia. x ¹ / ₈ "	Metal or wood	0.2 lbs./300



608

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Door Silencers No. 608-RKW, 609

Material: Gray rubber

Other: Sold in packages of 100

No.	Size	Frame Type	Weight	ANSI A156.16
608-RKW	$^{1}/_{2}$ " dia. $x^{5}/_{8}$ "	Metal	1.3 lbs./500	L03011
609	3/8" X 3/4"	Wood	1.3 lbs./500	L03021

ROCKWOOD®



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 ³ / ₄ " OH SMS	1 ⁵ / ₈ " x 8"	5/8" half round	8"	9/ ₁₆ "	2	3.9 lbs./5
630-12	10 ea. #6x³/ ₄ " OH SMS	1 ⁵ / ₈ " x 12"	5/8" half round	12"	⁹ / ₁₆ "	3	5.3 lbs./5
630-24	12 ea. #6x³/₄" OH SMS	1 ⁵ / ₈ " x 24"	5/8" half round	24"	9/16"	4	11.8 lbs./5



Door Coordinators No. 2600 Series

Material: Steel

Finishes: Black, US28

Fastener: 7 ea. $#12 - 24 \times 1^{1/4}$ TH type C tapping screws

Size: Standard device size 5/8" x 15/8" x 52"

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
2660	60"	7.0 lbs.	Type 21A
2672	72"	8.0 lbs.	Type 21A
2696	96"	9.75 lbs.	Type 21A

Custom Sizes – The 2600 Series coordinators are manufactured in different housing lengths to coordinate the full range of door sizes:

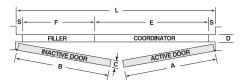
- NX2600 Series: For jamb opening widths (A + B dimension) from 48" 54". E dimension, 42"
- 2600 Series: For jamb opening widths (A + B dimension) from 54" 96". E dimension, 52"

Determining Coordinator Item Number

- Active door widths A plus inactive door width B equals the last two or three digits of all 2600 Series coordinator item numbers (2680 is for 80" door opening)
- Less than 48" jamb widths = N2600 Series (N2644 = 44" opening).
- Larger sizes are available (L, XL). Contact the factory

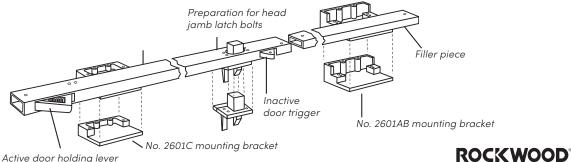
NOTE: 2600 Series Coordinators are designed so that surface vertical rod strike preps can be made directly into the coordinator body.

No.	Jamb Widths	Coordinator Length	ANSI A156.3
NX2648- NX2654	48"-54"	42"	Type 21A
2655 - 2660	55" - 60"	52"	Type 21A
2661 - 2672	61" - 72"	52"	Type 21A
2673 - 2696	73" - 96"	52"	Type 21A



Fillers are usually supplied precut from the factory (filler bars shown on page E14).

NOTE: If "S" dimension is other than ⁵/₈" advise the factory.



Active door holding lever with adjustable tension



Carry Bar for No. 1600 /2600 Series Coordinator No. 1100

Material: Brass, steel

Finishes: US32D, and black prime coat

Fastener: 2 ea. 12-24 x $^{3}/_{4}$ " round head machine screws

2 ea. 12-24 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	1 ³ / ₄ " x 2 ¹ / ₄ "	0.3 lbs.



Filler Bar for No. 1600 /2600 Series Coordinator No. FB-1, FB-2

Material: Steel

Finishes: Black, US28

Features: Filler bar is supplied at no charge with the No. 1600 and 2600 Series

coordinator (shown on pages E12 & E13)

No.	Size
FB-1	Specify length from 15/8" to 185/8"
FB-2	Specify length from 19 ⁵ / ₈ " to 42 ⁵ / ₈ "

Contact factory for larger sizes.





Mounting Brackets (for Soffit Applied Hardware) No. 2601AB, 2601C

Material: Aluminum

Finishes: Black, US28

Fastener: 4 ea. ¹/₄ - 20 x ¹/₂" 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
2601AB	⁷ / ₈ " - 2 ¹ / ₄ "	5"	0.9 lbs.
2601C	Over 2 ¹ / ₄ "	5"	0.8 lbs.

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2601C

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Mounting Brackets (for Soffit Applied Hardware) No. 2601D

Material: Aluminum Finishes: Black, US28

4 ea. 1/4"-20 x 1/2" Flat Head Machine Screws Fastener: 2 ea. #12-24 x 2" Flat Head Machine Screws

Fits all frame dimensions eliminating the need to order different style mounting Features:

brackets. The low profile design enhances the appearance of the opening.

Patent No. 9109388

No.	Length	Width	Weight
2601D	7 13/16"	113/16"	.6 lbs.



NOTE: Not for use with surface vertical panic devices.

Universal Door Coordinator No. 1700

Material: Steel

Finishes: Black prime coat, US28

Fastener: 4 ea. 10-24 x 2" flat head machine screws and #10 x 2" sheet metal screws

For pairs of doors. Non-handed. Stop mounted - no mounting brackets Features:

required for stop mounted hardware.

No.	Overall Size	Weight	ANSI A156.3	
1700	$1^{5}/_{8}$ " x $20^{3}/_{16}$ " x $^{3}/_{4}$ "	2.55 lbs.	Type 21B	

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Automatic Flush Bolts No. 2840 (Automatic Top Bolt Only) No. 2842 (Set) (replaces the No. 1840 and No. 1842)

Material: Brass, stainless steel

Finishes: US3, US4, US10, US10B, 10BE, US26, US26D, US32D

Fastener: No. 2842: 20 ea. #8 x³/₄" FH combo screws, 2 ea. #6 - 8 plastic anchors

No. 2840: 10 ea. #8 x³/₄" FH combo screws. NOTE: No plastic anchor required for top only

Features: • For Fire Rated Metal Doors labeled A, B, C, D & E up to 4'w x 8'h

• Non-handed

• Fully automatic- opening active door retracts top and bottom bolts

Override feature prevents damage to doors or bolts if bolt heads are blocked from
 onto ping strikes.

entering strikes

• Bolt head rods are adjustable up to 11/2"

• Thermal lock automatically locks the inactive door under high heat conditions due to fire

Options: No. 2842 can be used with the No. 570 Dust Proof Strike (shown on page E4).

No.	Size	Weight	ANSI A156.3
2840	1" x 6 ³ / ₄ "	1.2 lbs.	Type 25
2842	1" x 6 ³ / ₄ "	2.4 lbs.	Type 25



Combination Flush Bolts No. 2805 (Self Latching Top Bolt Only) No. 2845 (Set) (replaces No. 1805 and No. 1845)

Material: Brass, stainless steel

Finishes: US3, US4, US10, 10BE, US26D, US32D, US32, BSP

Fastener: Top: 2 ea. #8 x 1" Flat Head Combo Screws: 6 ea. #8 x 1" Flat Head Machine Screws.

NOTE: No plastic anchor required for top only.

Bottom (No. 2845 only) 4 ea. #8 x 1" Flat Head Combo Screws; 14 ea. #8 x 1" Flat Head

Machine Screws, 2 ea. #6-8 plastic anchors.

Features: • For Fire Rated Metal Doors labeled A, B, C, D & E up to 4'w x 8'h

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 (No. 2845 only)

- Non-handed
- 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 3/4"
- Thermal lock automatically locks the inactive door under high heat conditions due to fire

Options: No. 2845 can be used with the No. 570 Dust Proof Strike (shown on page E4)

No.	Size	Weight	ANSI A156.3
2805	$1'' \times 6^{3/4}''$	1.2 lbs.	Type 27
2845	1" x 6 ³ / ₄ "	2.4 lbs.	Type 27



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Automatic Flush Bolt No. 2940 (Automatic Top Bolt Only) No. 2942 (Set) (replaces No. 1940 and No. 1942)

Material: Brass, stainless steel

Finishes: US3, US4, US10B, 10BE, US26, US26D, US32D, Stock Powder Coats

No. 2940: 6 ea. $\#8x^{3/4}$ " FH combo screws, 2 ea. $\#8-32x^{1/2}$ " FH MS, 3 ea. #10x1" FH WS

NOTE: No plastic anchor required for top only.

No. 2942: 12 ea. $\#8x^{3/4}$ " FH combo screws, 4 ea. $\#8-32x^{1/2}$ " FH MS, 6 ea. #10x1" FH WS,

2 ea. #6-8 plastic anchors

Features: • For Wood Doors labeled B, C, D & E up to 4'w x 8"h

Non-handed

• 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 ³/₈"

• Thermal lock automatically locks the inactive door under high heat

conditions due to fire

Options: No. 2942 can be used with the No. 570 Dust Proof Strike (shown on page E4).

No.	Size	Weight	ANSI A156.3	
2940	1" x 8 ¹ / ₂ "	1.5 lbs.	Type 25	
2942	1" x 8 ¹ / ₂ "	2.9 lbs.	Type 25	



Combination Flush Bolts No. 2905 (Self Latching Top Bolt Only) No. 2945 (Set) (replaces No. 1905 and No. 1945)

Material: Brass, stainless steel

Finishes: US3, US4, US10, 10BE, US26D, US32D, US32, BSP

Fastener: Top: 4 ea. $\#8 \times 3^{4}$ " FH combo screws, 2 ea. $\#8 - 32 \times 1^{4}$ " FH MS, 3 ea. $\#10 \times 1$ " FH WS.

NOTE: No plastic anchor required for top only.

Bottom (No. 2945 only): 10 ea. $\#8x^{3/4}$ " FH combo screws, 4 ea. $\#8-32x^{1/2}$ " FH MS,

6 ea. $\#10 \times 1^{\parallel}$ FH WS, 2 ea. #6-8 plastic anchors

Features: • For Wood Doors labeled B, C, D & E up to 4'w x 8'h

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 (No. 2945 only)

- Non-handed
- 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 3/8"
- Thermal lock automatically locks the inactive door under high heat conditions due to fire

Options: No. 2945 can be used with the No. 570 Dust Proof Strike (shown on page E4).

No.	Size	Weight	ANSI A156.3
2905	1" x 8 ¹ / ₂ "	1.5 lbs.	Type 27
2945	1" x 8 ¹ / ₂ "	2.9 lbs.	Type 27





Automatic Flush Bolt with Bottom Fire Bolt No. 2848 (replaces 1848)

Material: Brass, stainless steel

Finishes: US3, US4, US10, 10BE, US32D, US32, BSP

Fastener: 10 ea. #8 x³/₄" FH combo screws, 4 ea. plastic anchors

Features: • For Fire Rated Metal Doors

• 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

 \bullet Bolt head rod is adjustable up to $1^{1}/_{2}"$

 \bullet For fire rated metal doors labeled A, B, C, D, & E up to 4'wx9'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	
2848	Top bolt: 1" x 6 ³ / ₄ "	1.3 lbs.	
	Bottom bolt: 13/16" dia.		



Automatic Flush Bolt with Bottom Fire Bolt No. 2948 (replaces 1948)

Material: Brass, stainless steel

Finishes: US3, US4, US10, 10BE, US32D, US32, BSP

Fastener: 8 ea. #8 x ³/₄ " FH combo screws, 2 ea. plastic anchors;

3 ea. #10 x1" FH WS

Features: • For Fire Rated Wood Doors

• 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 1/2"

• For fire rated UL listed 20-minute wood core and composite doors up to

4'wx9'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	
2948	Top bolt: 1" x 8 ¹ / ₂ " Bottom bolt: ¹³ / 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: ¹³ / ₁₆ " x1 ⁹ / ₁₆ " Plug: 1 ⁷ / ₃₂ " dia.	0.1 lbs.



Cover Plate Kit (for Metal Doors) No. CPK2840

Material: Brass, Stainless Steel

Finishes: US3, US4, US10, US10B, 10BE, US32D, US32

Fastener: 4 ea. #8 x³/₄" FH combo screws

Features: Covers existing bottom 2840 flush bolt prep

No.	Size	Weight
CPK2840	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: ¹³ / ₁₆ " x1 ⁹ / ₁₆ " Plug: 1 ¹³ / ₆₄ " dia.	0.1 lbs.





Automatic Flush Bolt with Bottom Fire Bolt No. 2960 (replaces 1960)

Material: Brass, Stainless Steel

Finishes: US3, US4, US10, 10BE, US32D, US32, BSP

Fastener: 4 ea. #8x1" FH SMS, 4 ea. $\#8x^{3/4}"$ FH combo screws, 2 ea. plastic anchors

• For Fire Rated Wood Core & Composite Doors Features:

• Durable, tested over 1 million cycles

- Smaller profile adds stability to the door
- Only two 11/8" diameter holes for easier door preparation
- Preparation prevents the veneer from splitting at the corners of the door
- Quiet & smooth activation
- Fully automatic—opening active door retracts top bolt
- Non-handed.
- Override feature prevents damage to doors or bolt if bolt head is blocked from entering strike
- Low (3 lbs. maximum) closing force. ADA Compliant
- Adjustable bolt head rod: bolts can be vertically adjusted ¹/₂" for unusual clearances
- For up to 4'wx9'h fire rated wood core & composite doors up to 20 minutes fire rating.

No.	Face Plate Size	Weight
2960	1 ¹ / ₈ " x 2 ¹ / ₄ "	0.9 lbs.







Automatic Flush Bolts No. 2962 (replaces 1962)

Material: Brass, stainless steel

US3, US4, US10, 10BE, US32D, US32, BSP

Fastener: 8 ea. #8 x1" FH SMS, 8 ea. #8 x³/₄" FH combo screws, 4 ea. plastic anchors

Features: • For Fire Rated Wood Core & Composite Doors

- Durable, tested over 1 million cycles
- · Smaller profile adds stability to the door
- Only two 11/8" diameter holes for easier door preparation
- Preparation prevents the veneer from splitting at the corners of the door
- Quiet & smooth activation
- Fully automatic—opening active door retracts top & bottom bolts.
- Non-handed
- Override feature prevents damage to doors or bolt if bolt head is blocked from entering strike
- · Low (3 lbs. maximum) closing force. ADA Compliant
- Adjustable bolt head rods: bolts can be vertically adjusted ¹/₂" for unusual clearances
- For up to 4'wx9'h fire rated wood core & composite doors up to 11/2 hours fire rating

No.	Face Plate Size	Weight
2962	1 ¹ / ₈ " x 2 ¹ / ₄ "	1.7 lbs.



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Material: Brass, stainless steel

Finishes: US3, US4, US10, 10BE, US32D, US32, BSP

Fastener: 8 ea. #8 x³/₄" FH combo screws, 4 ea. plastic anchors

Features: • For Fire Rated Metal Doors

Non-handed.

· Low (5 lbs. maximum) closing force

• Self latching top bolt

 \bullet Override feature prevents damage to doors or bolt if bolt head is blocked

from entering strike

Bolt head rod is adjustable up to 1¹/₂"

• For fire rated metal doors labeled A, B, C, D, & E up to 4'wx10'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
2849	Top bolt: 1" x 6 ³ / ₄ " Bottom bolt: ¹³ / ₁₆ " dia.	1.3 lbs.



Self Latching Flush Bolt with Bottom Fire Bolt No. 2949 (replaces 1949)

Material: Brass, stainless steel

Finishes: US3, US4, US10, 10BE, US32D, US32, BSP

Fastener: 6 ea. #8 x ³/₄" FH combo screws, 2 ea. plastic anchors,

3 ea. #10 x1" FH WS

Features: • For Fire Rated Wood Doors

Non-handed

• Low (5 lbs. maximum) closing force

• Self latching 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 1/2"

• For fire rated UL listed 20-minute wood core and composite doors up to 4'wx 9'h

• Thermal lock automatically locks the inactive door under high heat conditions

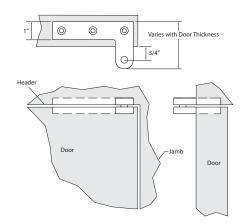
due to fire

• Bottom fire bolt eliminates need for floor prep

• Oversize fire bolt strike hole allows for slight door misalignment

No.	Size	Weight
2949	Top bolt: 1" x 8 ¹ / ₂ "	1.6 lbs.
	Bottom bolt: 13/16" dia.	





Standard Head Pivot No. CP10, CP10HD

Material: Solid brass leaf, Stainless steel pin

Finishes: US3, US4, US10, US10B, US26, US26D, other finishes available

on request

Fastener: 6 ea. #12 x 11/4" FH wood screws

Ordering: Specify door thickness

Features: • Mostly invisible when installed

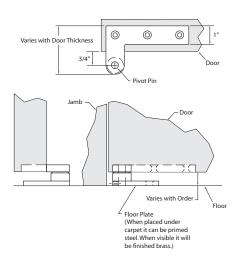
• Includes Teflon® bearing for smooth silent operation

• Field changeable handing

• Standard duty is made from 3/8" thick brass

• Heavy duty (HD) is made from 1/2" thick brass

No.	Weight
CP10	1.3 lbs.
CP10HD	1.9 lbs.



Standard Floor Pivot No. CP40, CP40HD

Material: Solid brass leaf, Stainless steel pin

Finishes: US3, US4, US10, US10B, US26, US26D, other finishes available

on request

Fastener: 6 ea. #12x1¹/₄" FH wood screws

Ordering: Specify door thickness and floor clearing

Features: • Mostly invisible when installed

• Includes Teflon® bearing for smooth silent operation

• Field changeable handing

 \bullet Standard duty is made from $^{3}/_{8}"$ thick brass

Heavy duty (HD) is made from ¹/₂" thick brass

No.	Weight
CP40	1.3 lbs.
CP40HD	1.9 lbs.



Door Knocker No. 611

Material: Solid cast brass

Finishes: Available in standard architectural finishes (see page 9)

2 ea. $\#8-32\times2$ " FH MS (for standard $1^{3}/_{4}$ " doors); 2 ea. #8 finish washers Fastener:

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	$3^{5/8}$ " x $6^{3/4}$ "	0.6 lbs.	L03151





No. 614 No. 614V

Door Knockers No. 614, 614V

Cast brass Material:

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 2 ea. #8 - 32×2 " FH MS (for standard $1^{3}/_{4}$ " doors); 2 ea. #8 finish washers

No. 614V includes door viewer No. 622 Features:

Options: Engrave numbers or name

No.	Size	Weight	ANSI A156.16
614	2 ¹ / ₈ " x 3"	0.4 lbs.	L03161
614V	2 ¹ / ₈ " x 3"	0.4 lbs.	L03161





No. 619 No. 620/621

160° Door Viewers No. 619, 620, 620VC, 621, 624

Material:

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Finishes: Antique bronze (ANT), brass (BRS), bright chrome (CRM),

> satin nickel (*STNN) *only available on 619, 620

Other: Installation - drill 1/2" hole

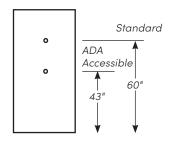
Features: No. 624 features a privacy cover to prevent visual intrusion from outside

of the room



No. 624

Recommended Location for Viewers



No.	Inside Cover	For Doors	Weight	ANSI A156.16
619	No	11/16" to 11/16"	0.05 lbs.	L03222, L03172
620	No	1 ³ / ₈ " to 2"	0.1 lbs.	L03222, L03172
620VC	Cover only		0.1 lbs./10	
621	No	2" to 21/2"	0.1 lbs.	L03222, L03172
624	Yes	1 ³ / ₈ " to 2"	0.1 lbs.	L03222, L03172

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No. 626



No 622

190° Door Viewer No. 622, 622VC, 626

Material: Brass

Finishes: Antique bronze (ANT), brass (BRS), bright chrome (CRM), dull chrome

(DCRM), satin nickel *(STNN)

*only available on 622

Other: Installation – drill 9/16" hole

Features: No. 626 features a privacy cover to prevent visual intrusion from outside

of the room

No.	Inside Cover	For Doors	Weight	ANSI A156.16
622	No	$1^3/8$ " to $2^1/8$ "	0.1 lbs.	L03221, L03171
622VC	Cover only		0.1 lbs./10	
626	Yes	$1^{3}/8$ " to $2^{1}/8$ "	0.1 lbs.	L03221, L03171



No. 627, 628, 629

190° Door Viewer with Heavy Duty Privacy Cover No. 627, 628, 629

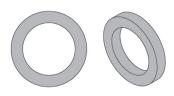
Material: Brass

Finishes: Bright chrome (CRM), Black (BLK)

Other: Installation – drill 9/16" hole. UL fire rated for 11/2 hours

Features: Heavy duty privacy cover to prevent visual intrusion from outside of the room

No.	For Doors	Weight	ANSI A156.16
627	$1^{3}/8$ " to $2^{1}/4$ "	0.1 lbs.	L03221, L03171
628	9/16" to 13/16"	0.1 lbs.	L03221, L03171
629	¹⁵ / ₁₆ " to 1 ¹ / ₄ "	0.1 lbs.	L03221, L03171



Door Viewer Washer No. 618W

Material: Brass

Finishes: Polished brass (BRS), bright chrome (CRM), satin nickel (STNN),

antique bronze (ANT)

Other: Designed for use when the door is not thick enough to meet the

specifications of the viewer. Can be used with all Rockwood Door Viewers.

No.	For Doors	Dimensions
618W	$^{9}/_{16}$ " to $2^{1}/_{2}$ "	$^{1/}\epsilon^{\text{II}}$ width, $^{9/}\text{16}^{\text{II}}$ inner dia, $^{13/}\text{16}^{\text{II}}$ outer dia



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Card Holder No. 651

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 2 ea. #8 x³/₄" OH SMS

No.	Size	Card Size	Opening	Weight
651	$2^{1/2}$ " x $4^{1/4}$ "	2"x3 ¹ / ₂ "	$1^{3}/_{4}$ " x $3^{1}/_{4}$ "	0.2 lbs.

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THIS DOOR TO REMAIN UNLOCKED WHILE BUILDING IS OCCUPIED

THESE DOORS TO REMAIN UNLOCKED WHILE BUILDING IS OCCUPIED

No. 660

No. 661

No. 662-RKW

Decal No. 660, 661, 662-RKW

Material: Silver foil

Fastener: Self-adhesive mounting

Other: Black lettering $1^{1/2}$ " x $26^{1/2}$ " Size:

MEN

WOMEN

RESTROOM

Engraved Signs No. 670 Series

Material: .125" plastic or .050" 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 9)

Fastener: 2 ea. #6x⁵/₈" 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"xwidth required	L03201
670M	MEN	2"x5"	L03201
670W	WOMEN	2"x7"	L03201
670R	RESTROOM	2"x10"	L03201

No. 674L No. 674H

Engraved Signs No. 674H, 674L

Material: .125" plastic or .050" aluminum, brass

Finishes: Plastic signs: available in black or brown with white lettering

Metal signs: available in standard architectural finishes (see page 9)

Fastener: Self-adhesive mounting

 $1'' \times 4^{1/2}''$ Size:

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. MEN .

. WOMEN

. RESTROOM .

. ADMINISTRATION.

Barrier Free Engraved Signs (with Braille Translation) No. BF680 Series

Material: .125" non-glare plastic or .050" brass, bronze

Finishes: Plastic signs: available in black, blue, brown, or red with white lettering

Metal signs: available in standard architectural finishes (see page 9).

Fastener: 2 ea. #6x⁵/₈" OH SMS

Ordering: Specify product number, finish, and copy

Features: • Plastic signs meet ANSI A117.1-1998 section 703 requirements.

 \bullet 1" letter height is standard; other sizes available from $^{5/8}$ " to 2"

• Meets width to height ratio requirements

 \bullet 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

 \bullet Plastic signs have easy to read letters and numbers that are raised $^{1/32}{\rm I\!I}$ from sign surface

• Plastic signs characters and background have a non-glare finish of

contrasting light on dark color

Metal signs have easy to read raised black lettering

• SA – self-adhesive mounting
• Custom sizes and messages

No.	Message	Size	ANSI 156.16
BF680	Specify copy	2 ¹ / ₂ " x width required	L03201
BF680M	MEN	2 ¹ / ₂ " x 5"	L03201
BF680W	WOMEN	2 ^{1/2} " x 7"	L03201
BF680R	RESTROOM	2 ^{1/} 2" x 9"	L03201

BF Series ADA Signs

Material: .125" non-glare plastic or .050" 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 9)

Fastener: 4 ea. #6 x 5/8 OH SMS

Size: 8"x8"

Ordering: Specify background finish along with any options

Features: Plastic signs:

• Raised characters and Grade 2 Braille translation

• Meets ADAAG Section 4.30 requirements

Metal signs:

• Raised black lettering and Grade 2 Braille translation.

• Attractive architectural finishes

Options: • SA – self-adhesive mounting

No. BF683



No. BF684



No. BF685



No. BF686



No. BF687



No. BF688



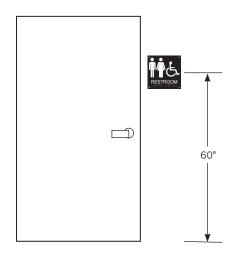
No. BF689



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" (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" (76 mm) of signage without encountering protruding objects or standing within the swing of a door.



ROCKWOOD[®]

ASSA ABLOY

BFM Series ADA Molded Plastic Signs

Material: Molded plastic

Colors: 5/8" white lettering on choice of blue or black background

Fastener: Self-adhesive mounting

Size: 6"x9"

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



All Gender Restroom Signs

Economical molded plastic; 6" x 9" and 12" diameter. White lettering on Blue background. Self-adhesive mounting. BFM625 has raised lettering and Grade 2 Braille translation.



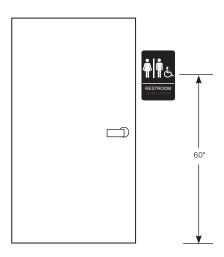


BFM625

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" (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" (76 mm) of signage without encountering protruding objects or standing within the swing of a door.



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Hand Rail Brackets No. 700, 701, 702

Material: Cast brass

Available in standard architectural finishes (see page 9) Finishes:

Fastener:	Wood rail	Metal rail
700	⁵ / ₁₆ -18 x1 ¹ / ₂ " FH MS, anchor;	⁵ / ₁₆ – 18 x 1 ¹ / ₂ " FH MS, anchor;
	3 ea. #12-24x1" FH MS;	3 ea. #12-24x1" FH MS;
	2 ea. #8 x ³ / ₄ " OH SMS;	2 ea. #8-32x ³ / ₄ " OH MS;
	1 ea. back plate	1 ea. back plate.
701	⁵ / ₁₆ -18 x 3" FH MS, toggle;	⁵ / ₁₆ -18 x 3" FH MS, toggle;
	3 ea. #12-24x1" FH MS;	3 ea. #12-24x1" FH MS;
	2 ea. #8 x ³ / ₄ " OH SMS;	2 ea. #8-32x ³ / ₄ " OH MS;
	1 ea. back plate.	1 ea. back plate.
702	3 ea. #12 x 2 FH WS;	3 ea. #12 x 2" FH WS;
	2 ea. #8 x ³ / ₄ OH SMS.	2 ea. #8-32x ³ / ₄ " OH MS.

Ordering: Specify wood rail or metal rail

No.	Base	Projection (to rail centerline)	Weight
700	2 ¹³ / ₁₆ "	31/2"	2.0 lbs.
701	213/16"	31/2"	1.8 lbs.
702	213/16"	31/2"	1.5 lbs.



Small Coat Hook No. 790

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 2 ea. #6x⁵/₈" OH SMS

No.	Size	Projection	Weight	ANSI A156.16
790	$1^{1}/_{4}$ "w x $1^{3}/_{8}$ "h	17/8"	.9 lbs./10	L03111



Small Double Coat Hook No. 796

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 2 ea. #6x³/₄" OH SMS

No.	Size	Projection	Weight
796	1 ¹ / ₈ " w x 1 ¹ / ₈ " h	11/8"	1 lbs./10



Medium Coat Hook No. 802

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: $2 \text{ ea. } #6x^3/_4$ " RH WS

No.	Size	Projection	Weight	ANSI A156.16
802	$1^{3}/_{16}$ " w x $1^{1}/_{2}$ "h	3"	1.1 lbs./10	L03111



Medium Coat Hook No. 806

Material: Cast brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 2 ea. #6x³/₄" OH WS

No.	Size	Projection	Weight	ANSI A156.16
806	$1^{1/_{16}}$ " w x $1^{1/_4}$ " h	31/8"	1.4 lbs./10	L03111

ROCKWOOD ASSA ABLOY



1½" Ball Knob No. 841

Material: Solid brass.

Finishes: US26, other finishes available upon request.

Fastener: #8-32x1" TH MS.

Options: Other screw lengths available upon request.

No.	Base	Projection	Weight	ANSI A156.9
841	³ / ₄ " dia.	11/8"	2.5 lbs./10	B02131



Utility Pull No. 845

Material: Aluminum, brass.

Finishes: US3, US4, US10, US10B, 10BE, US26, US26D, burnished aluminum (ALM).

Fastener: 4 ea. #8 x ³/₄ " OH SMS.

No.	Size	Projection	Weight
845	$1^{7/8}$ " x $5^{7/8}$ "	11/2"	1.6 lbs./10 (aluminum)
			2.5 lbs./10 (brass)



Solid Wire Pull No. 850, 851, 852, 853

Material: Brass, stainless steel.

Finishes: US3, US4, US10, US10B, US26, US26D, US32D, US32D**MS.**

Fastener: #8 - 32 x 1" TH MS.

Options: Other CTC's available upon request.

No.	Size	СТС	Projection	Weight	ANSI A156.9
850	^{5/} 16" dia.	23/4"	11/4"	3.4 lbs./25	B02011
851	⁵ / ₁₆ " dia.	3"	11/4"	3.8 lbs./25	B02011
852	⁵ / ₁₆ " dia.	31/2"	11/4"	3.9 lbs./25	B02011
853	⁵ / ₁₆ " dia.	4"	11/4"	4.0 lbs./25	B02011



Heavy Wire Pull No. 856-RKW

Material: Brass, bronze, stainless steel.

Finishes: US3, US4, US10, US10B, US26, US26D, US32D, US32DMS.

Fastener: #8-32x1" TH MS.

Options: Other CTC's available upon request.

No.	Size	СТС	Projection	Weight	ANSI A156.9
856-RKW	¹/₂" dia.	4"	13/4"	4.5 lbs./10	B02011

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Flush Cup Pull No. 860

Material:Brass, stainless steelFinishes:US10B, 10BE, US32DFastener:2 ea. #4x5/8" OH WS

Other: See website for installation template

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, 10BE, US32D

Fastener: $2 \text{ ea. } \#4x^{5/8}\text{" OH WS}$

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, 10BE,US32D **Fastener:** 2 ea. #4x⁵/₈" 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 Fastener: 2 ea. #6 x 3/4 " FH SMS

No.	Size	Weight	ANSI A156.14	
880	$^{3}/_{4}$ " $\times 3^{7}/_{8}$ "	0.2 lbs.	D2801	



Concealed Edge Pull No. 885

Material: Brass

Finishes: Available in standard architectural finishes (see page 9)

Fastener: 2 ea. #6x1" FH WS

No.	Size	Weight
885-RKW	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

000 01/11 02/11 0.411 0.001	ght ANSI A156.14	Weight	Size	No.
890 Z ¹ / ₂ "WXZ ³ / ₄ " h 0.4 lbs. D0821	bs. D0821	0.4 lbs.	$2^{1/2}$ " w x $2^{3/4}$ " h	890

Note: Not for use in caustic environments.





Pocket Door Privacy Latch No. 891

Material:

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Finishes: US3, US10B, US26, US26D 4 ea. #6x⁵/₈" OH SMS Fastener:

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

Note: Not for use in caustic environments.

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Heavy Duty Magnetic Catch No. 900

Material: Aluminum

Finishes: Brass (BRS), natural aluminum (ALM)

Fastener: Body: $2 ea. #6x1^{1/4}$ " TH SMS

Strike: 2 ea. $\#6x^{1/2}$ " 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 "	0.25 lbs.	B03161	



Extra Heavy Duty Magnetic Catch No. 901

Material: Aluminum

Finishes: Brass (BRS), natural aluminum (ALM)

Fastener: Body: 2 ea. #6x1¹/₂" TH SMS

Strike: 2 ea. #6x1/2" 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	13/16" x 31/8" x 1"	1 ea. ⁷ / ₈ " x 3 ¹ / ₈ " 2 ea. ⁷ / ₈ " x 1 ¹ / ₈ "	0.35 lbs.	B03161	





No. 910

Adjustable Ball Catch - Square Corners No. 910, 911

Material: Brass
Finishes: US26D

Fastener: $4 \text{ ea. } #6x^{3}/_{4}$ " 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	$1'' \times 2^{1/8}''$	$1^{1/_{16}}$ " x $2^{1/_{8}}$ "	0.2 lbs.	B03017	
911	1" x 2 ¹ / ₈ "	$1^{3/8}$ " x $2^{1/8}$ "	0.2 lbs.	B03017	





No. 911RC

Adjustable Ball Catch - Round Corners No. 910RC, 911RC

Material: Brass
Finishes: US26D

Fastener: 4 ea. #6x³/₄" 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 "	$1^{1}/_{16}$ " x $2^{1}/_{8}$ "	0.2 lbs.	B03017
911RC	1" x 2 ¹ / ₈ "	$1^{3}/_{8}$ " x $2^{1}/_{8}$ "	0.2 lbs.	B03017

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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 13/4" 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 13/4" 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: Stee

Finishes: Prime coat

Fastener: 2 ea. #12 - 24 x 1/2 FH MS

Other: For handed doors (beveled)

 No.
 Size
 Weight
 Pack Quantity

 DHF4B
 1½"x 4½"
 6.4 lbs./25
 25



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Square Door Hinge Filler Plate No. DHF4S

Material: Steel

Finishes: Prime coat

2 ea. #12 - 24 x 1/2 " FH MS Fastener:

Other: For non-handed doors (square edge)

No.	Size	Weight	Pack Quantity
DHF4S	1 ³ / ₄ " x 4 ¹ / ₂ "	7.7 lbs./25	25



Beveled Door Hinge Filler Plate No. DHF5B

Material: Steel

Finishes: Prime coat

2 ea. #12 - 24 x 1/2 FH MS Fastener:

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

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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

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Flush Bolt Strike Filler Plate No. FBS48

Material: Steel

Finishes: Prime coat

Fastener: 2 ea. #8 - 32 x¹/₂" FH MS

No.	Size	Weight	Pack Quantity
FBS48	$^{15}/_{16}$ " 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 $2^{1/8}$ " 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 11/2" lock hole

No.	Size	Weight	Pack Quantity
FD160	1³/₄" dia.	2.0 lbs./25	25



41/2" Hinge Shim - .028" Thick No. HS42

Material: Steel

Finishes: Galvanized coat

No.	Size	Weight	Pack Quantity
HS42	$1^{7}/_{16}$ " x $4^{1}/_{2}$ "	2.2 lbs./50	50

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41/2" 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

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Prime coat Finishes:

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 latch

No.	Size	Weight	Pack Quantity
SF160	$1^{1/8}$ " x $2^{3/4}$ "	2.1 lbs./25	25



Strike Filler Plate No. SFASA

Material: Stee

Finishes: Prime coat

Fastener: 2 ea. #12 - 24 x 1/2 FH MS

Other: For ASA 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	$^{11}/_{8}$ " x $2^{3}/_{4}$ "	1.9 lbs./25	25



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