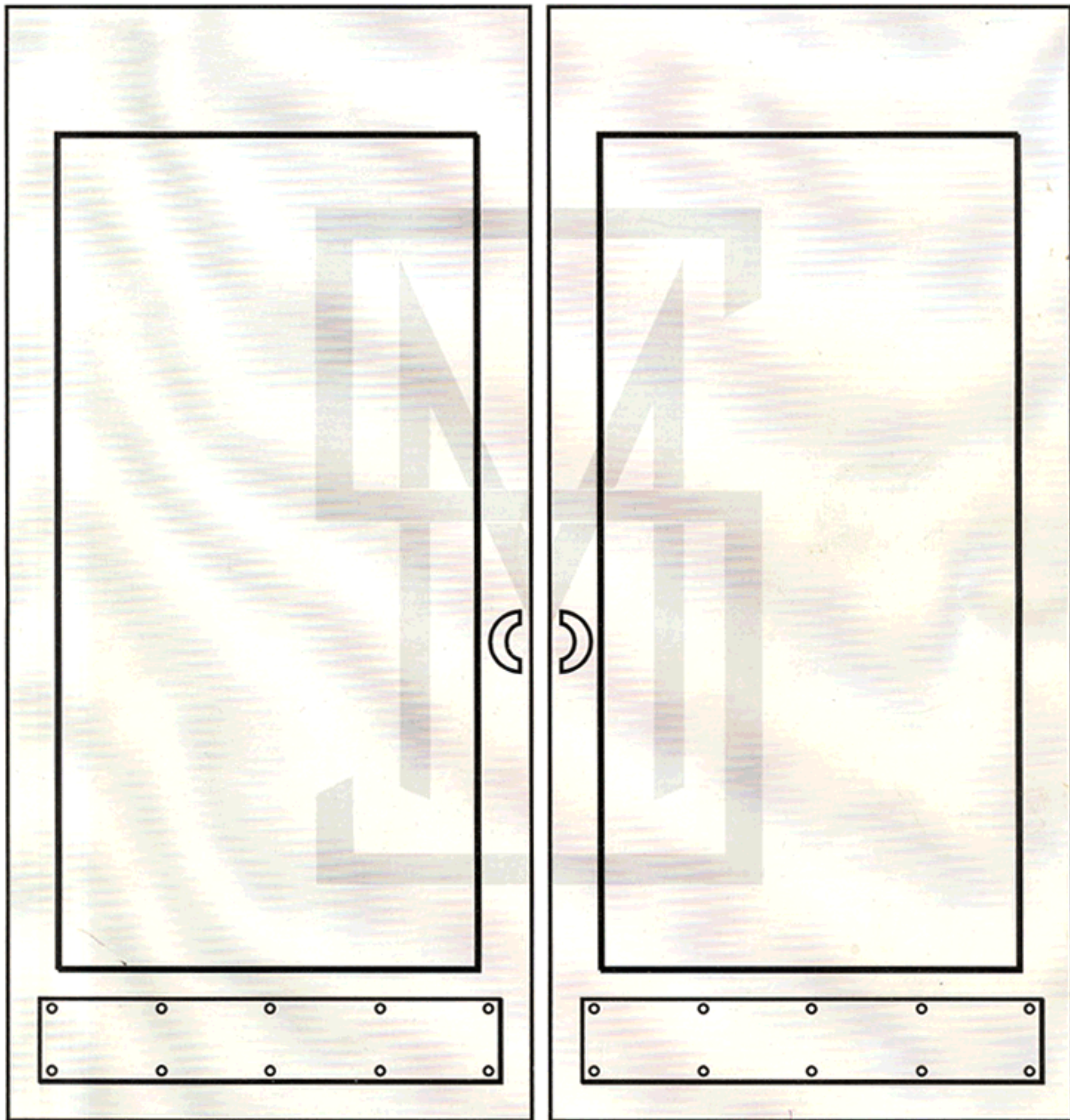


# STANDARD METAL



ARCHITECTURAL HARDWARE



2000, 3000, 6000 & 9000 Series	Standard door pushes and pulls	5 - 12
' B' Series	Buggy bumpers, guard and push bars	13 - 17
' C' Series	Commercial door pulls	18 - 26
' D' Series	Design door pulls	27 - 41
' F' Series	Flush bolts, roller latches, surface bolts	64 - 66
' G' Series	Grab bars	73 - 75
' H' Series	Cylinder and flush pulls, ring and institutional pulls, pull plates	42 - 48
' J' Series	Hand rail brackets	70
' K' Series	Kick and push plates, escutcheons, corner guards, U-channels, edge guards, astragals, angle plates	54 - 61
' M' Series	Cabinet pulls and knobs	71
' P' Series	Coat hooks	67 - 69
' R' Series	Closet rods and flanges	72
' S' Series	Floor and wall stops	49 - 53
' T' Series	Strikes and filler plates	62 - 63

## **STANDARD METAL HARDWARE MANUFACTURING LTD.**

52 Bartor Road, North York, Ontario, Canada M9M 2G5

**Tel:** 416-744-1510 **Fax:** 416-744-3338 **Toll Free:** 1-800-267-5442





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# FINISHES / DECIMAL EQUIVALENT

3

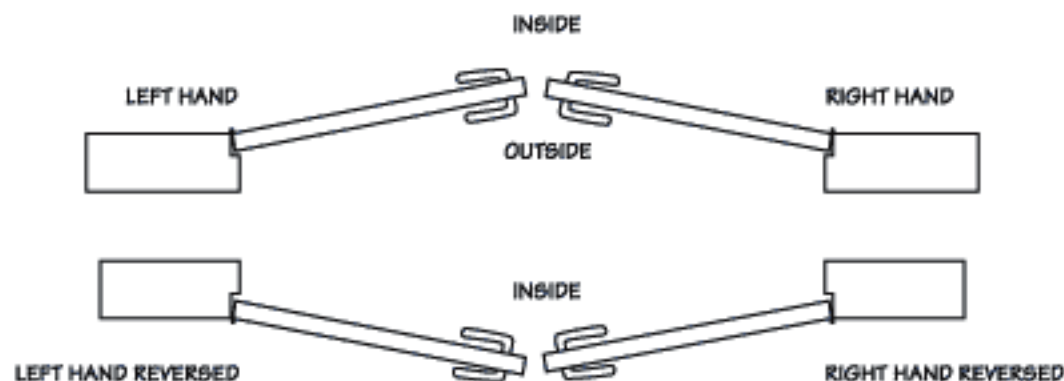
STANDARD N.B.H.A. CODE	BHMA CODE	BASE MATERIAL AND DESCRIPTION
P	600	Steel, primed for painting
2C	602	Steel, cadmium plated
2G	603	Steel, zinc plated bright
3	605	Bright, brass, clear lacquered
3A		Bright brass, no lacquer
4	606	Satin brass, clear lacquered
5	609	Satin brass, oxidized and relieved (Antiqued)
9	611	Bright bronze, clear lacquered
9A		Bright bronze, no lacquer
10	612	Satin bronze, clear lacquered
10A		Satin bronze, no lacquer
10B	613	Satin bronze, oxidized and oil rubbed
14	618	Bright nickel
15	619	Satin nickel
17A	648	Nickel plated, blackened, matte relieved, clear coated
19		Aluminum, anodized black
20L	623	Bronze, oxidized light and lacquered
20M		Bronze, oxidized medium and lacquered
20D	624	Bronze, oxidized dark and lacquered
26	625	Bright chromium
26D	626	Satin chromium
27	627	Satin aluminum, clear lacquered
28	628	Satin aluminum, clear anodized
32	629	Stainless steel, bright
32D	630	Stainless steel, satin

INCHES			INCHES		
DECIMAL	FRACTION	MILIMETER	DECIMAL	FRACTION	MILIMETER
.015625	1/64	.397	.515625	33/64	13.097
.03125	1/32	.794	.53125	17/32	13.494
.046875	3/64	1.191	.546875	35/64	13.891
.0625	1/16	1.588	.5625	9/16	14.288
.078125	5/64	1.984	.578125	37/64	14.684
.09375	3/32	2.381	.59375	19/32	15.081
.109375	7/64	2.778	.609375	39/64	15.478
.125	1/8	3.175	.625	5/8	15.875
.140625	9/64	3.572	.640625	41/64	16.272
.15625	5/32	3.969	.65625	21/32	16.669
.171875	11/64	4.366	.671875	43/64	17.066
.1875	3/16	4.763	.6875	11/16	17.463
.203125	13/64	5.159	.703125	45/64	17.859
.21875	7/32	5.556	.71875	32/32	18.256
.234375	15/64	5.953	.734375	47/64	18.553
.25	1/4	6.350	.75	3/4	19.050
.265625	17/64	6.747	.765625	49/64	19.447
.28125	9/32	7.144	.78125	25/32	19.844
.296875	19/64	7.541	.796875	51/64	20.241
.3125	5/16	7.938	.8125	13/16	20.638
.328125	21/64	8.334	.828125	53/64	21.034
.34375	11/32	8.731	.84375	27/32	21.431
.359375	23/64	9.128	.859375	55/64	21.828
.375	3/8	9.525	.875	7/8	22.225
.390625	25/64	9.922	.890625	57/64	22.622
.40625	13/32	10.319	.90625	29/32	23.019
.421875	27/64	10.716	.921875	59/64	23.416
.4375	7/16	11.113	.9375	15/16	23.813
.453125	29/64	11.509	.953125	61/64	24.209
.46875	15/32	11.906	.96875	31/32	24.606
.484375	31/64	12.303	.984375	63/64	25.003
.5	1/2	12.700	1.	1.	25.400



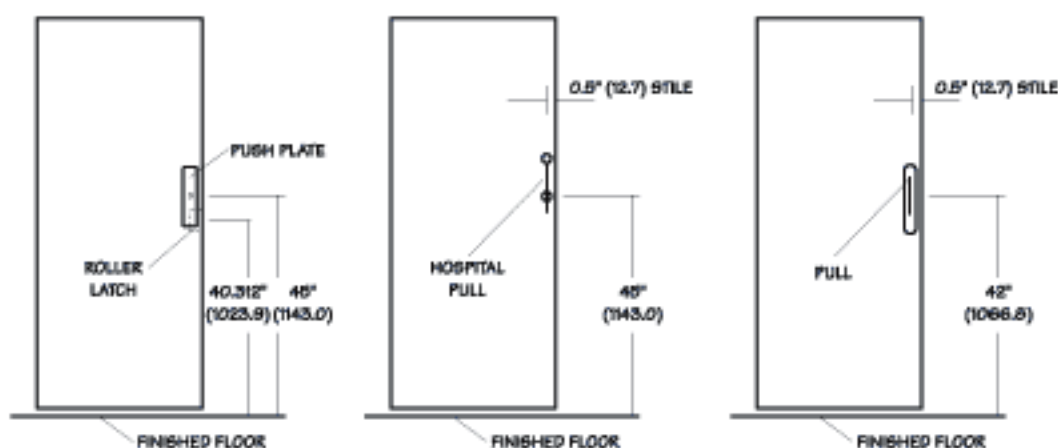
# GENERAL INFORMATION / MOUNTING

4

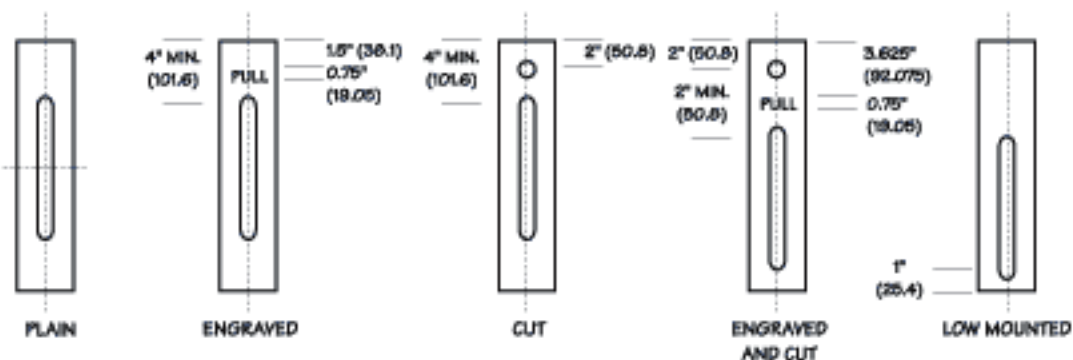


DOOR HANDS DETERMINED FROM OUTSIDE

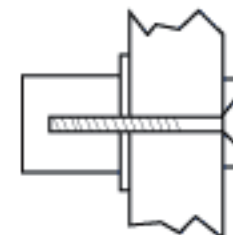
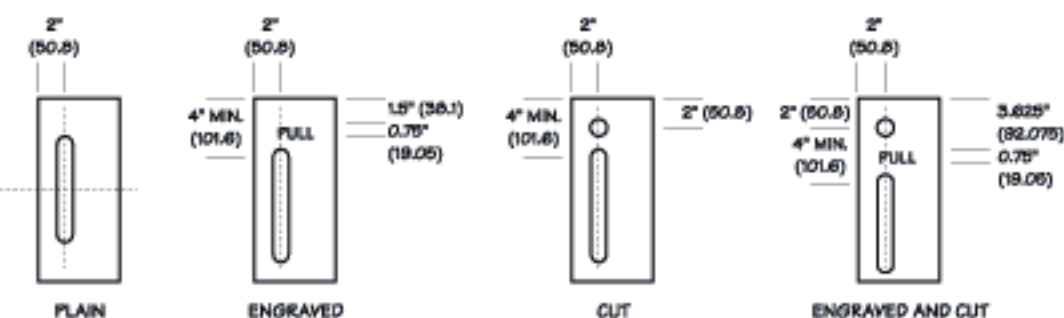
## RECOMMENDED LOCATION ON DOOR



## PULL POSITION ON PLATES 4" (101.6) OR LESS IN WIDTH

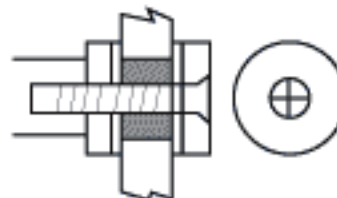


## PULL POSITION ON PLATES WIDER THAN 4" (101.6)



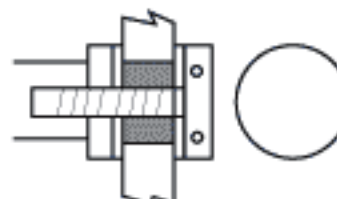
## #2 MTG

THRU BOLT MOUNTING - MACHINE SCREWS  
THRU DOOR WITH GROMMET WASHER.



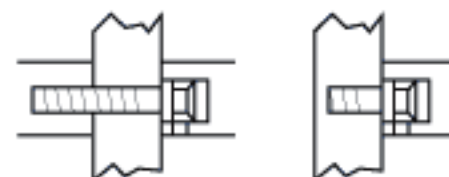
## #4A MTG

GLASS DOOR WASHER  
SUPPLIED WITH VINYL PAD.



## #4B MTG

SECURITY BOLT, VINYL PAD SUPPLIED  
FOR GLASS DOOR APPLICATIONS.



## #5 MTG

CONCEALED MOUNTING FOR BACK  
TO BACK OR SINGLE UNITS.  
MACHINE SCREW STANDARD.  
WOOD SCREW FOR SINGLE MOUNTING ON  
WOOD DOORS AVAILABLE UPON REQUEST.



# DOOR PULLS 2000 SERIES

5

2007  
2009  
2012  
2015



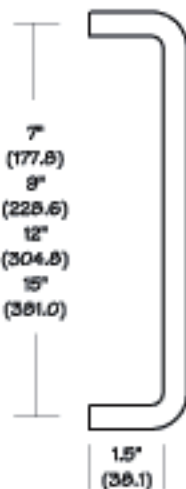
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2115



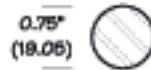
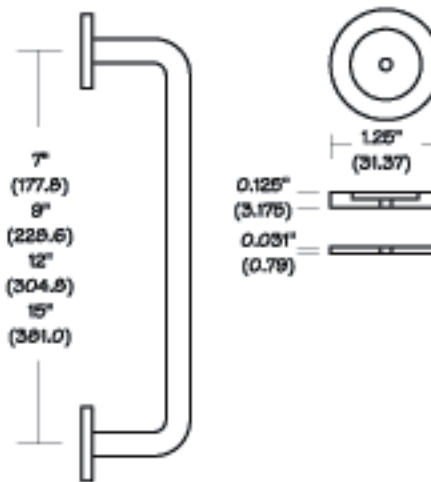
2207  
2209  
2212  
2215



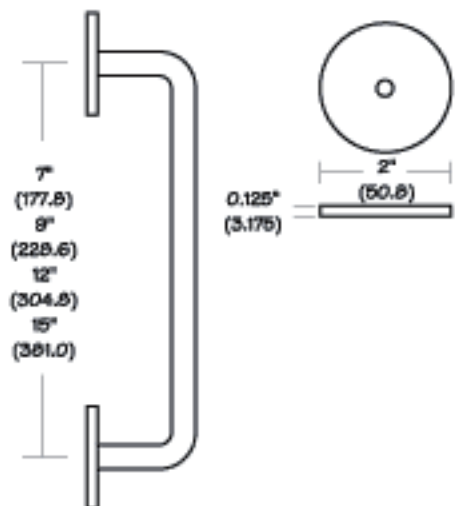
## COMMERCIAL DOOR PULL



## WITH GLASS DOOR ROSETTES



## WITH 2" ROSETTES



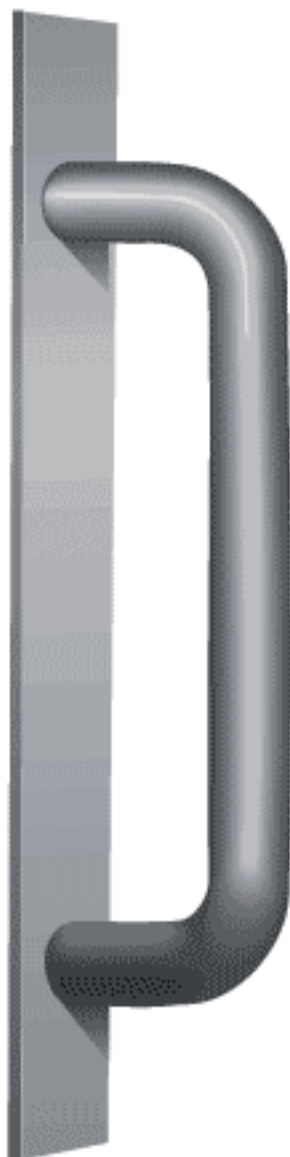
DIAMETER CODE	FINISHES	HOW TO ORDER
-2 = 1" -3 = 1.25" -4 = 1.5"	ALL STANDARD	2009 = 0.75" (19.05) DIAMETER x 9" (228.6) C/C 2012-2 = 1" (25.4) DIAMETER x 12" (304.8) C/C 2115-2 = 1" (25.4) DIAMETER x 15" (381.0) C/C C/W GLASS DOOR ROSETTES



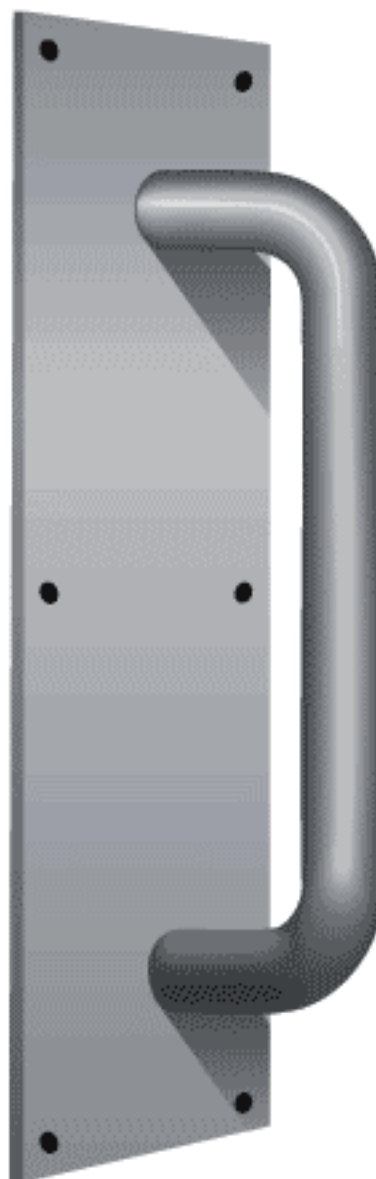
# DOOR PULLS 2000 SERIES

6

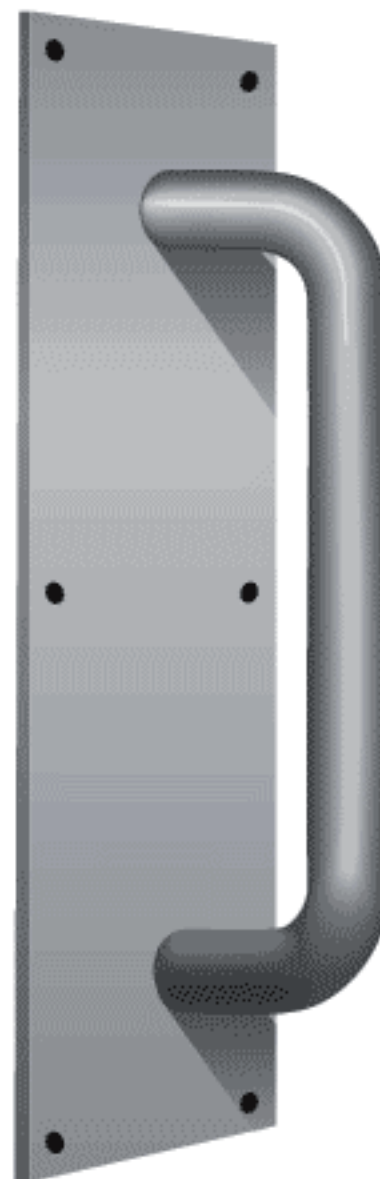
2307  
2309  
2312  
2315



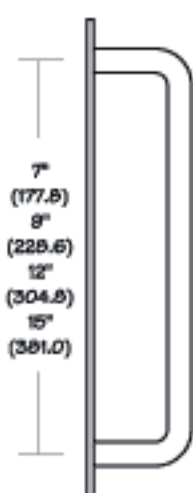
2407  
2409  
2412  
2415



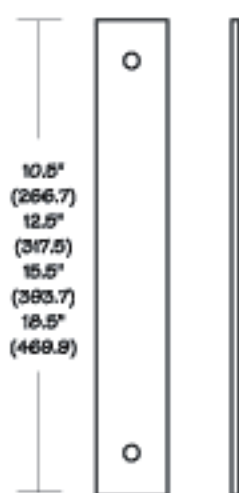
2507  
2509  
2512  
2515



## DOOR PULL WITH NARROW BACKPLATE



7"  
(177.8)  
9"  
(228.6)  
12"  
(304.8)  
15"  
(381.0)



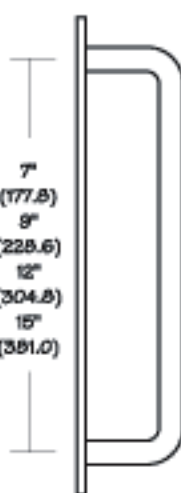
10.5"  
(266.7)  
12.5"  
(317.5)  
15.5"  
(393.7)  
18.5"  
(469.9)

0.75"  
(19.05)

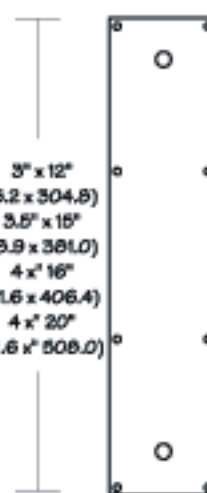


1.5"  
(38.1)  
0.125"  
(3.175)

## WITH SMALLER BACKPLATE



7"  
(177.8)  
9"  
(228.6)  
12"  
(304.8)  
15"  
(381.0)



3" x 12"  
(76.2 x 304.8)  
3.5" x 15"  
(88.9 x 381.0)  
4" x 16"  
(101.6 x 406.4)  
4" x 20"  
(101.6 x 508.0)

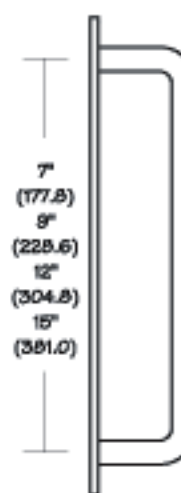
0.75"  
(19.05)



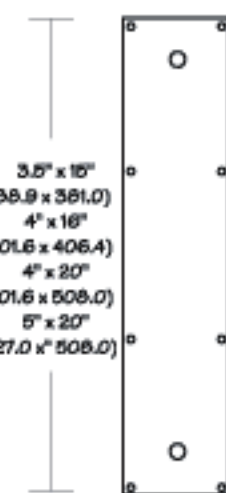
PLATE THICKNESS CODE:  
-B = 0.06" (1.52) -C = 0.125" (3.17)

0.06"  
(1.27)

## WITH LARGER BACKPLATE



7"  
(177.8)  
9"  
(228.6)  
12"  
(304.8)  
15"  
(381.0)



3.5" x 15"  
(88.9 x 381.0)  
4" x 16"  
(101.6 x 406.4)  
4" x 20"  
(101.6 x 508.0)  
5" x 20"  
(127.0 x 508.0)

0.75"  
(19.05)



PLATE THICKNESS CODE:  
-B = 0.06" (1.52) -C = 0.125" (3.17)

0.06"  
(1.27)

### DIAMETER CODE

-2 = 1"  
-3 = 1.25"  
-4 = 1.5"

### FINISHES

ALL  
STANDARD

### HOW TO ORDER

2309 = 0.75" (19.05) DIAMETER x 9" (228.6) x NARROW BACKPLATE  
2415-2 = 1" (25.4) DIAMETER x 15" (381.0) C/C x PLATE 4 x 20" (101.6 x 508.0)  
2512 = 0.75 (19.05)" DIAMETER x 12"C/C x 4" x 20" (304.8 x 101.6 x 508.0)





# DOOR PULLS 3000 SERIES

7

3009  
3012  
3015



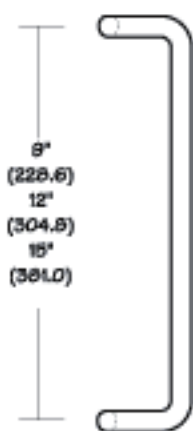
3109  
3112  
3115



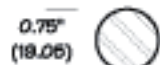
3209  
3212  
3215



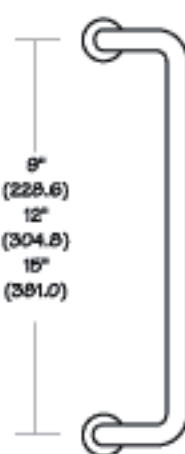
## OFFSET COMMERCIAL DOOR PULL



90° STANDARD  
45° AVAILABLE



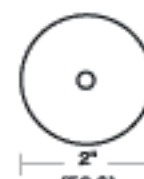
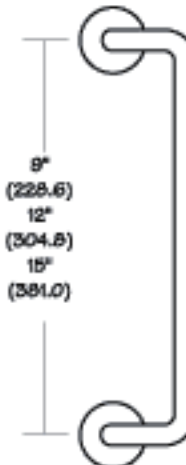
## WITH GLASS DOOR ROSETTES



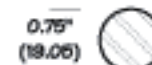
0.125" (3.175)  
0.031" (0.787)



## WITH 2" ROSETTES



0.125" (3.175)



### DIAMETER CODE

-2 = 1"  
-3 = 1.25"  
-4 = 1.5"

### FINISHES

ALL  
STANDARD

### HOW TO ORDER

3012-2 = 1" (25.4) DIAMETER x 12" (304.8) C/C  
3115 = 0.75" (19.05) DIAMETER x 15" (381.0) C/C C/W GLASS DOOR ROSETTES  
3209 = 0.75" (19.05) DIAMETER x 9" (228.6) C/C C/W ROSETTES

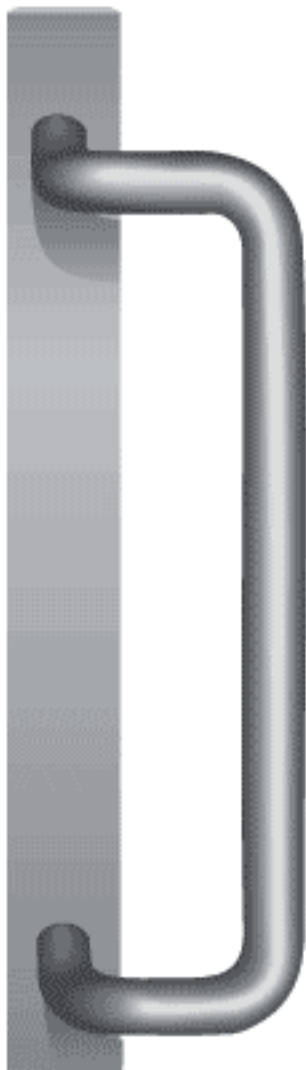




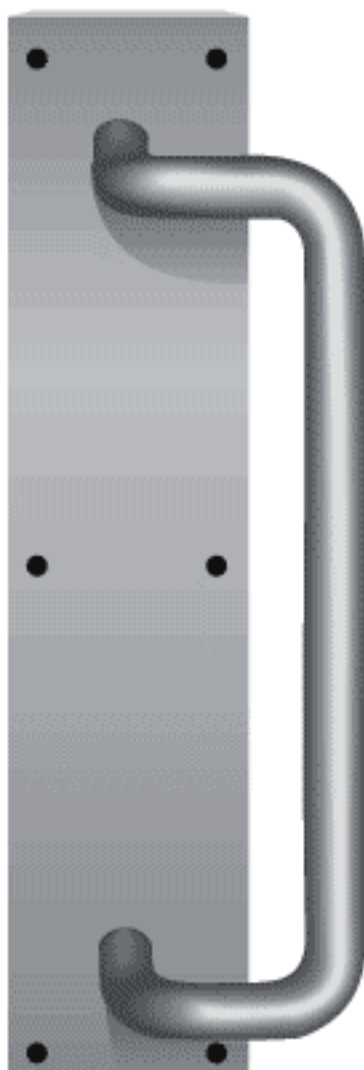
# DOOR PULLS 3000 SERIES

8

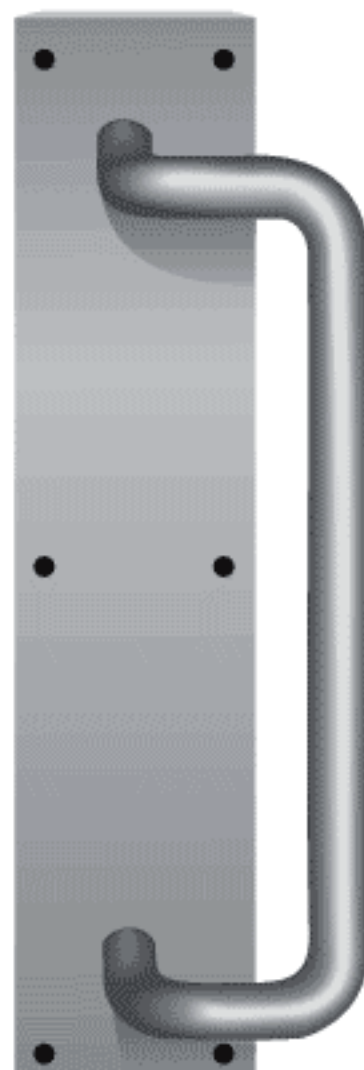
3309  
3312  
3315



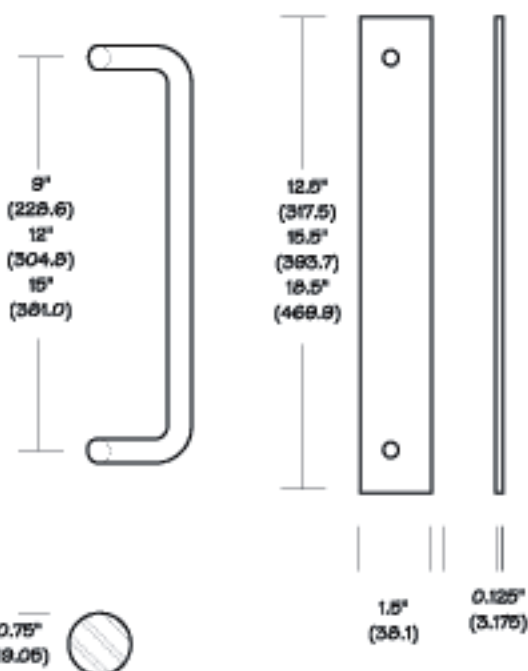
3409  
3412  
3415



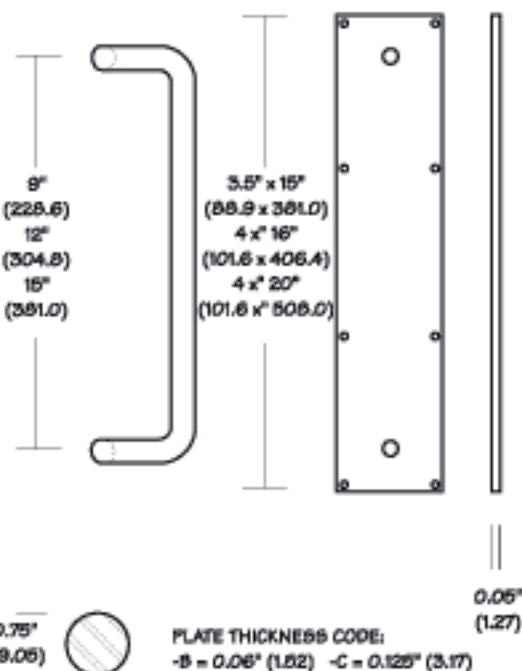
3509  
3512  
3515



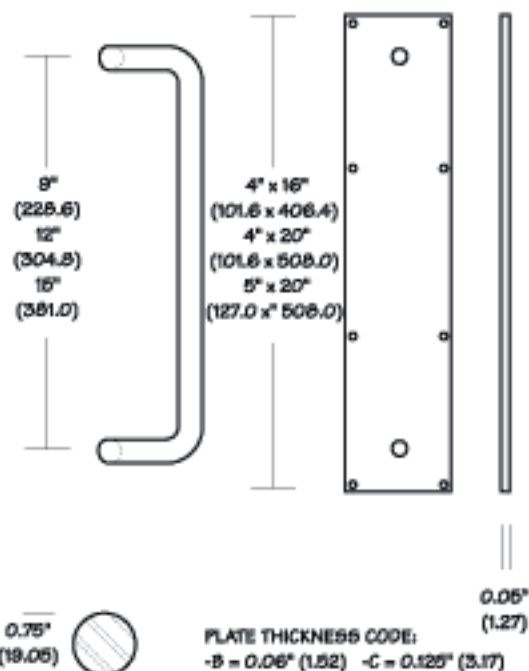
## WITH NARROW BACKPLATE



## WITH SMALLER BACKPLATE



## WITH LARGER BACKPLATE



DIAMETER CODE	FINISHES	HOW TO ORDER
<p>-2 = 1" -3 = 1.25" -4 = 1.5"</p>	ALL STANDARD	<p>3315 = 0.75" (19.05) DIAMETER x 15" C/C C/W NARROW BACKPLATE            3412-2 = 1" DIAMETER x 12" C/C C/W 4" x 16 BACKPLATE            3512 = 0.75" (19.05) DIAMETER x 12" C/C C/W 4" x 20 BACKPLATE</p>



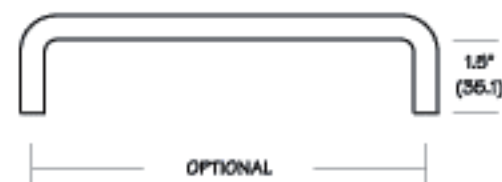
# PUSH BARS 6000 SERIES

9

6000



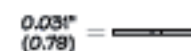
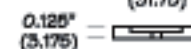
HORIZONTAL PUSH BAR



6100



WITH GLASS DOOR ROSETTES



SUGGESTED APPLICATIONS / COMBINATION 6000 BAR WITH 2000 & 3000 SERIES DOOR PULLS



DOOR HANDING REQUIRED WITH ENGRAVING

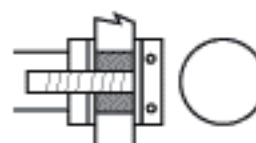
#2 MTG

THRU BOLT MTG.  
WITH GROMMET  
WASHER



#4B MTG

THRU BOLT MTG.  
WITH SPANNER  
SECURITY BOLT  
HEAD FOR GLASS,  
WOOD AND METAL DOORS



#5 MTG

BACK TO BACK  
CONCEALED MTG.  
FOR COMMON ENDS.  
SINGLE CONCEALED  
MTG AVAILABLE



DIAMETER CODE

FINISHES

HOW TO ORDER



-2 = 1"  
-3 = 1.25"  
-4 = 1.5"

ALL  
STANDARD

2012-2 x 6034-2 x 5 x 2 =  
1" DIAMETER x 12" C/C x 1" DIAMETER x 34" C/C x B/B x T.B.



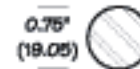
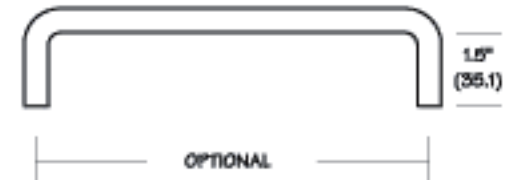
# PUSH BARS 6000 SERIES

10

6200



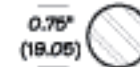
DOUBLE HORIZONTAL PUSH BAR



6300



WITH GLASS DOOR ROSETTES



## SUGGESTED APPLICATIONS / COMBINATION 6200 BAR WITH 2000 & 3000 SERIES DOOR PULLS



DOOR HANDING REQUIRED WITH ENGRAVING

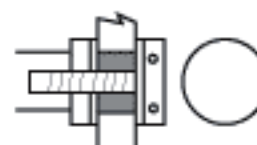
#2 MTG

THRU BOLT MTG.  
WITH GROMMET  
WASHER



#4B MTG

THRU BOLT MTG.  
WITH SPANNER  
SECURITY BOLT  
HEAD FOR GLASS,  
WOOD AND METAL DOORS



#5 MTG

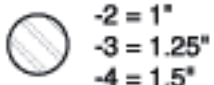
BACK TO BACK  
CONCEALED MTG.  
FOR COMMON ENDS.  
SINGLE CONCEALED  
MTG AVAILABLE



DIAMETER CODE

FINISHES

HOW TO ORDER



ALL  
STANDARD

3012 x 6234 x 5 x 4B =  
0.75" (19.05) DIAMETER OFFSET PULL x 12" C/C x 0.75" (19.05) DIAMETER x 34" C/C  
x 0.75" (19.05) DIAMETER x 34" C/C x B/B x SECURITY BOLTS





# DOOR PULLS 9000 SERIES

11

9005  
9007  
9009  
9012



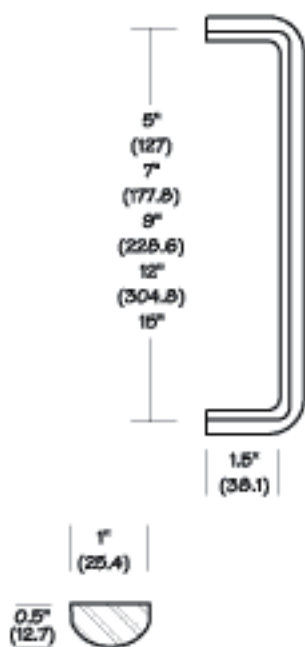
9105  
9107  
9109  
9112



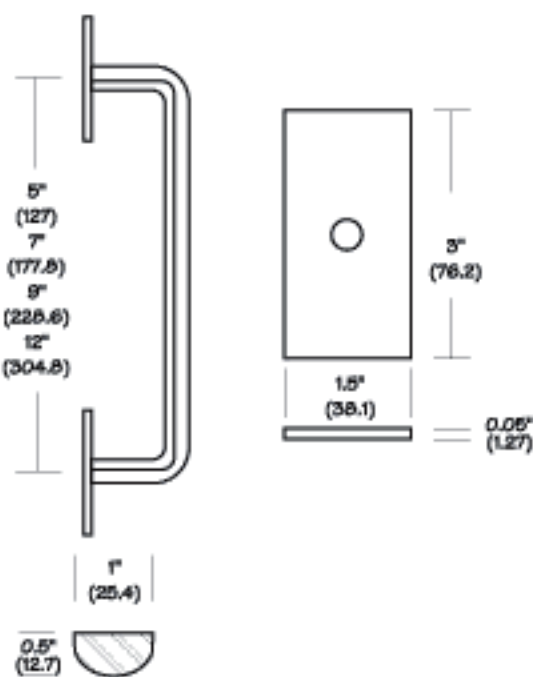
9205  
9207  
9209  
9212



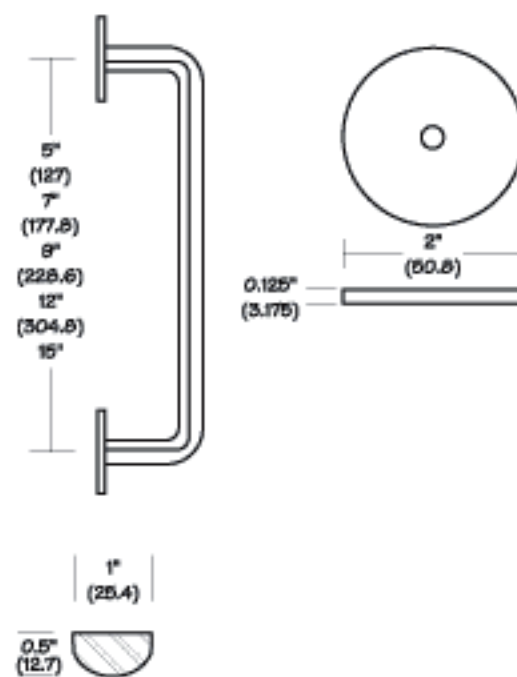
## COMMERCIAL DOOR PULL



## WITH RECTANGULAR BACKPLATE PADS



## WITH 2" ROSETTES



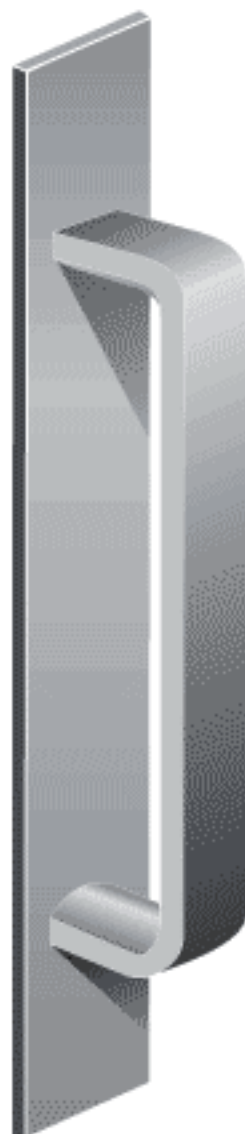
MATERIAL	FINISHES	HOW TO ORDER
0.5" (12.7)	ALL STANDARD	9005 = 5" (127)C/C 9209 = 9" (228.6)C/C C/W ROSETTES 9112 = 12" (204.8)C/C C/W RECTANGULAR BACKPLATE PADS



# DOOR PULLS 9000 SERIES

12

9305  
9307  
9309  
9312



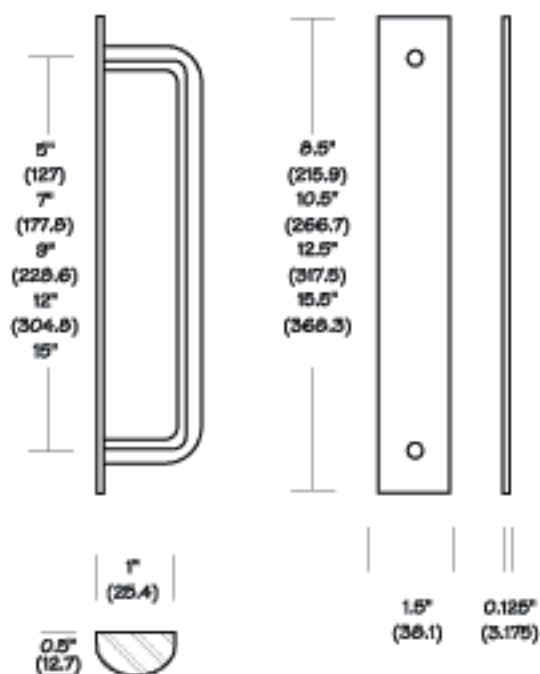
9405  
9407  
9409  
9412



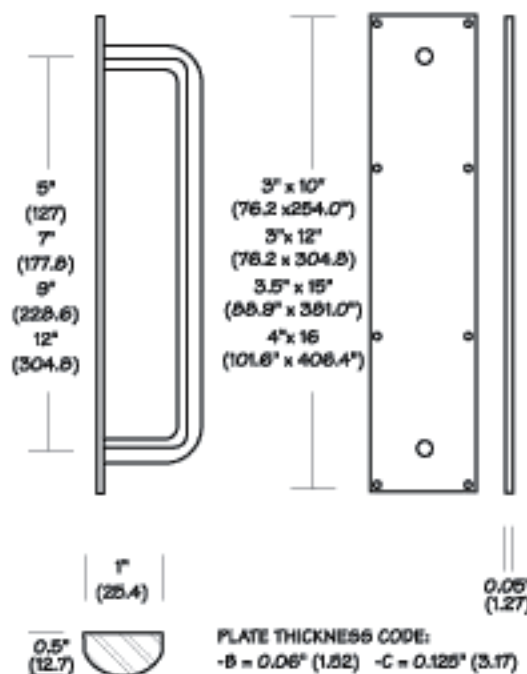
9505  
9507  
9509  
9512



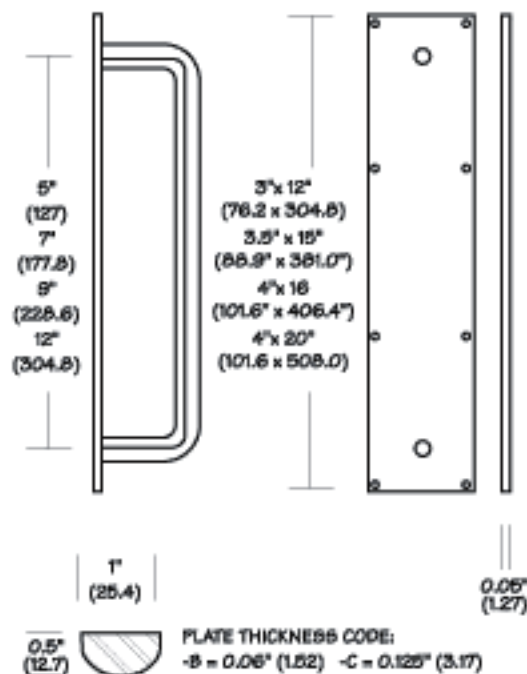
## WITH NARROW BACKPLATE



## WITH SMALLER BACKPLATE



## WITH LARGER BACKPLATE



MATERIAL	FINISHES	HOW TO ORDER
0.5"	ALL STANDARD	9407 = 7" (177.8) C/C C/W 3" (76.2) x 12" (304.8) BACKPLATE 9509 = 9" (228.6) C/C C/W 4" (101.6) x 16" (406.4) BACKPLATE 9312 = 12" (304.8) C/C C/W NARROW BACKPLATE



# BUMPER BARS B SERIES

13

B300

2.25"  
(57.15)

0.5" x 2" (12.7 x 50.8)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

B301

2.25"  
(57.15)

0.5" x 1.5" (12.7 x 38.1)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

B302

2.25"  
(57.15)

0.5" x 2" (12.7 x 50.8)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

B303

2.25"  
(57.15)

0.5" x 1.5" (12.7 x 38.1)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

## MATERIALS

STAINLESS STEEL, ALUMINUM

## FINISHES

ALL  
STANDARD





# BUMPER BARS B SERIES

14

B304



0.5" x 2" (12.7 x 50.8)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

B305



0.5" x 1.5" (12.7 x 38.1)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

B306



0.25" x 2" (12.7 x 50.8 x)

CENTRE TO CENTRE AND / OR  
OVERALL DIMENSIONS AS REQUIRED.

## MATERIALS

STAINLESS STEEL, ALUMINUM

## FINISHES

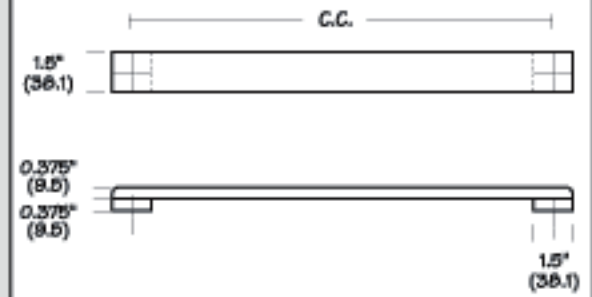
ALL  
STANDARD



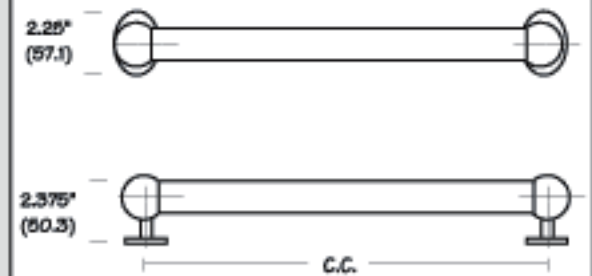
# PUSH BARS B SERIES

15

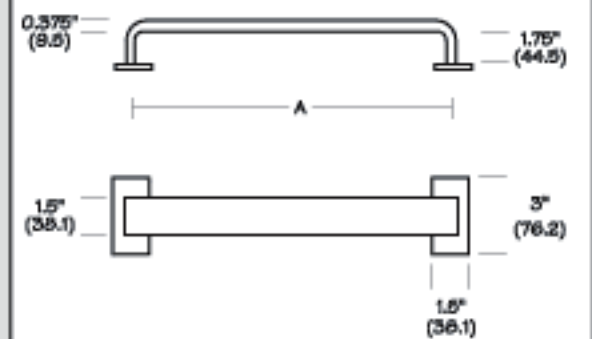
B307



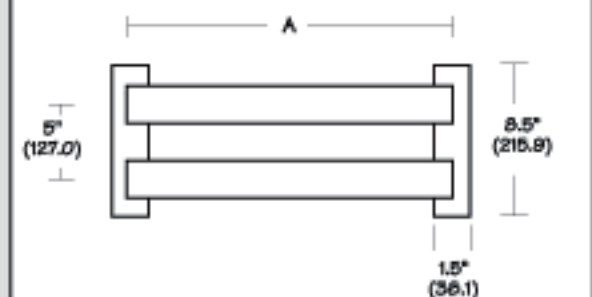
B308



B309



B310



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

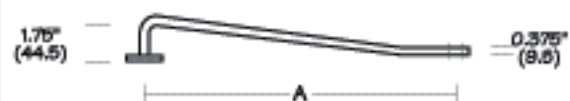
ALL  
STANDARD



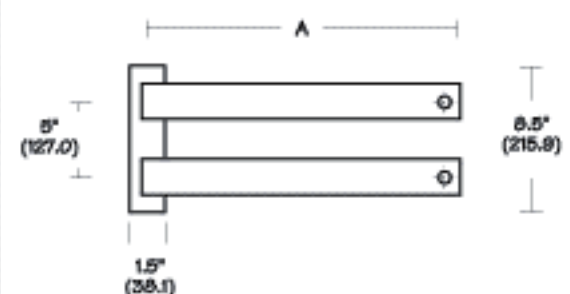
# PUSH BARS B SERIES

16

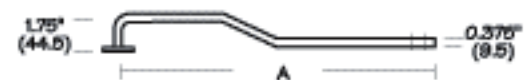
B311



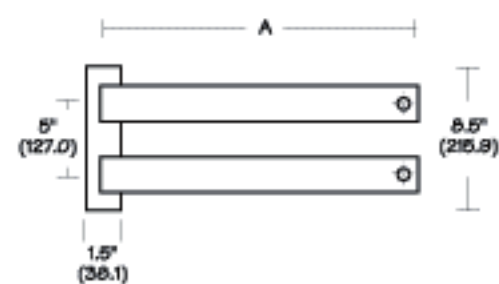
B312



B313



B314



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD

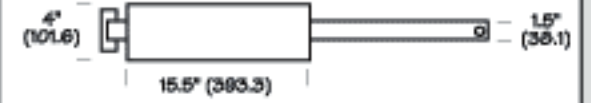




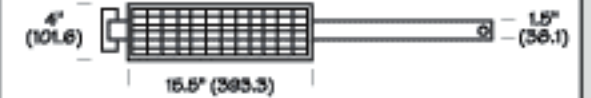
# PUSH BARS B SERIES

17

B315



B316



B317



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# DOOR PULLS C SERIES

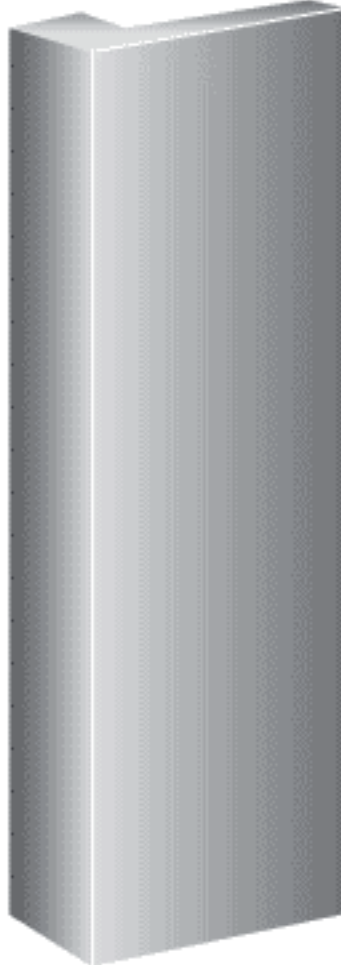
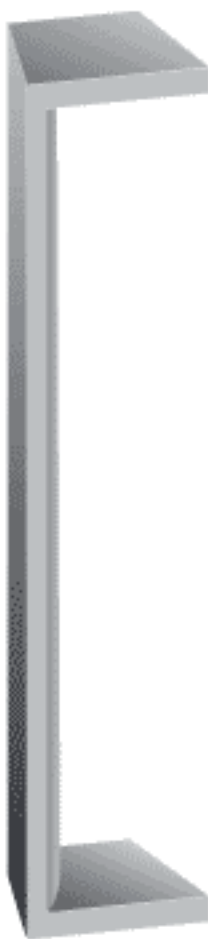
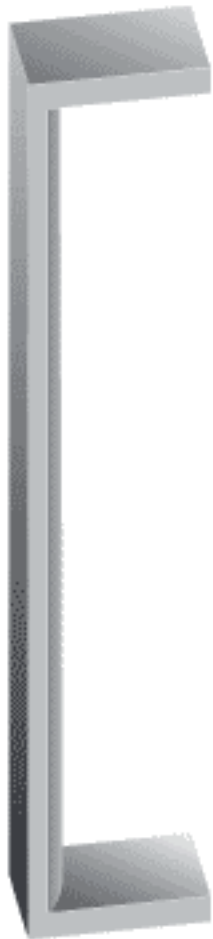
18

C320

C321

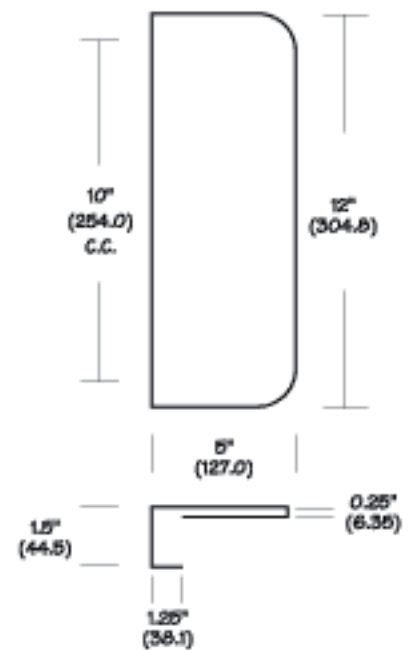
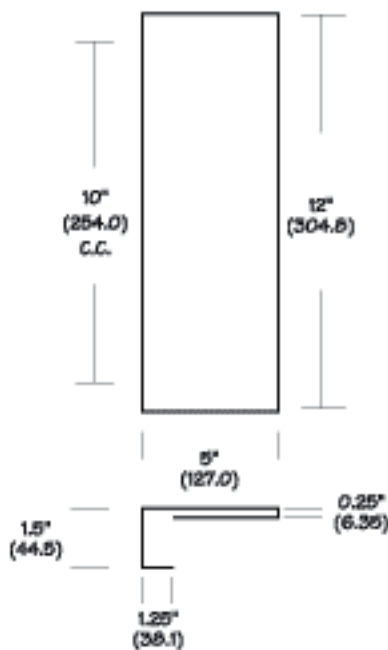
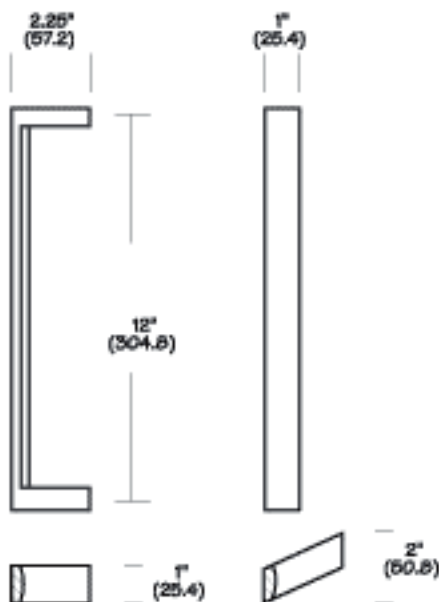
C322

C323



STRAIGHT

OFFSET



## MATERIALS

BRASS, BRONZE, STAINLESS STEEL

## FINISHES

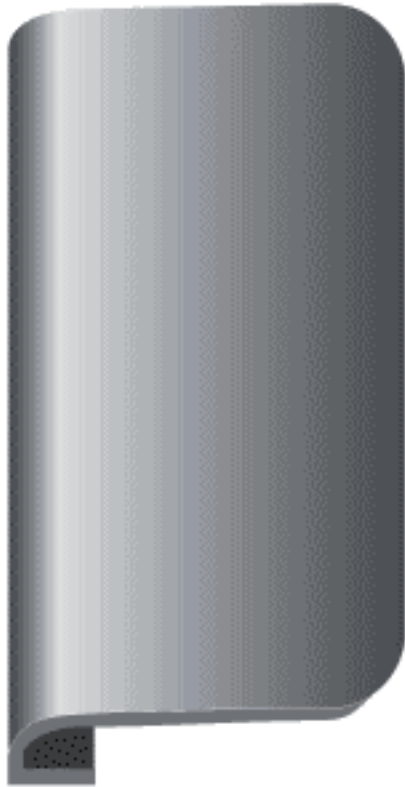
ALL  
STANDARD



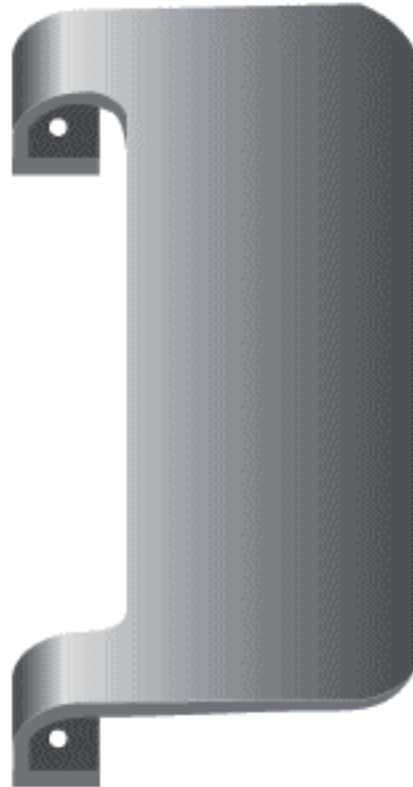
# DOOR PULLS C SERIES

19

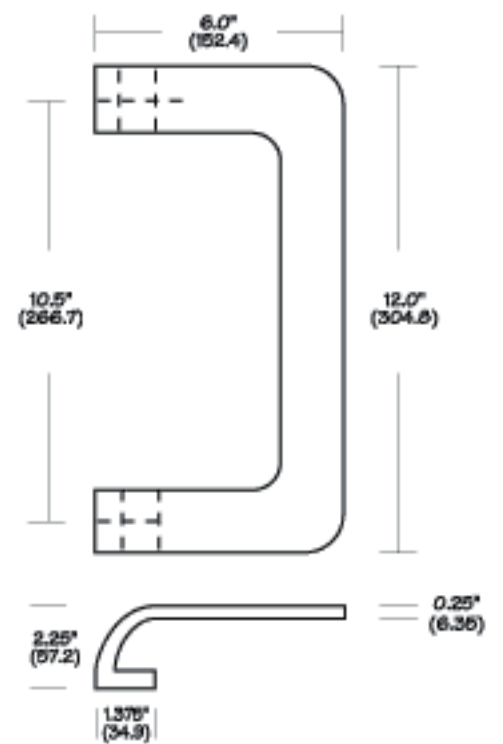
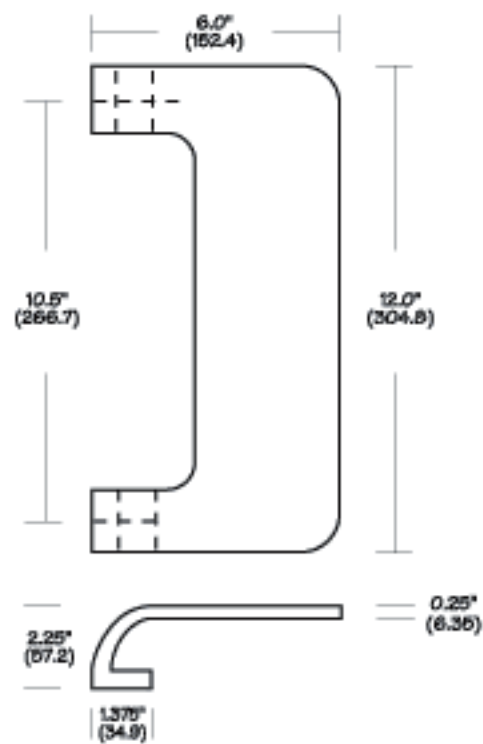
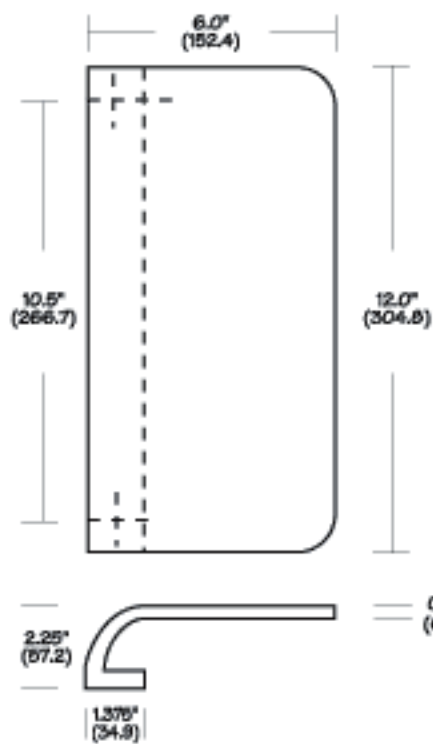
C324



C325



C326



## MATERIALS

BRASS, BRONZE, STAINLESS STEEL

## FINISHES

ALL  
STANDARD



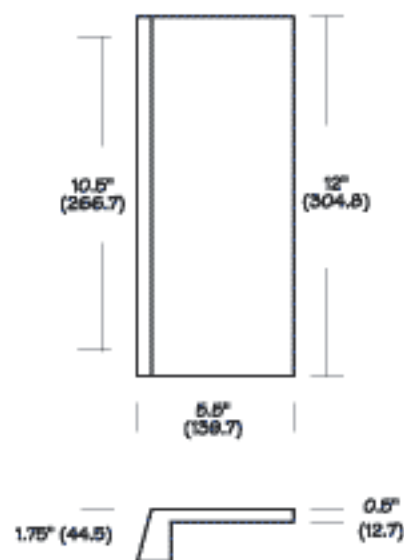
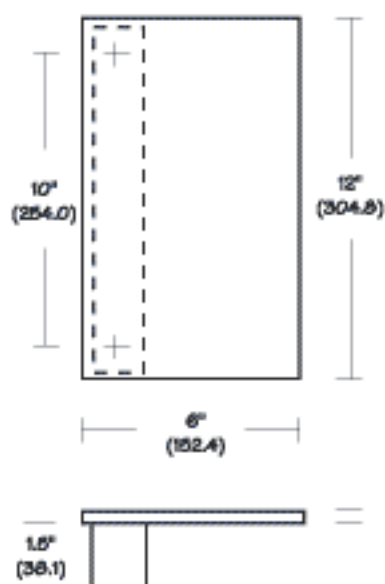
# DOOR PULLS C SERIES

20

C327



C328



## MATERIALS

BRASS, BRONZE, ALUMINUM,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD





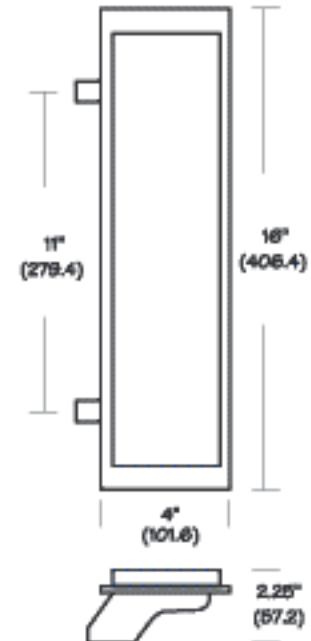
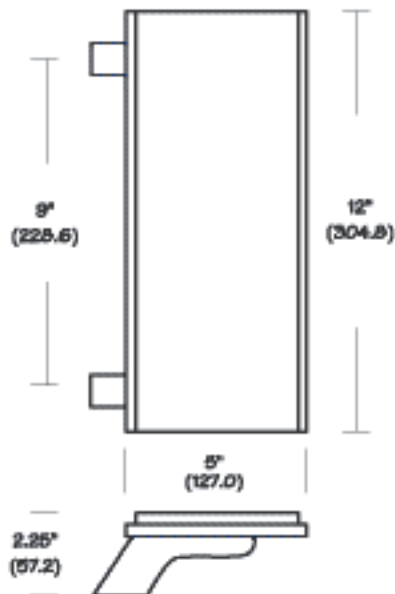
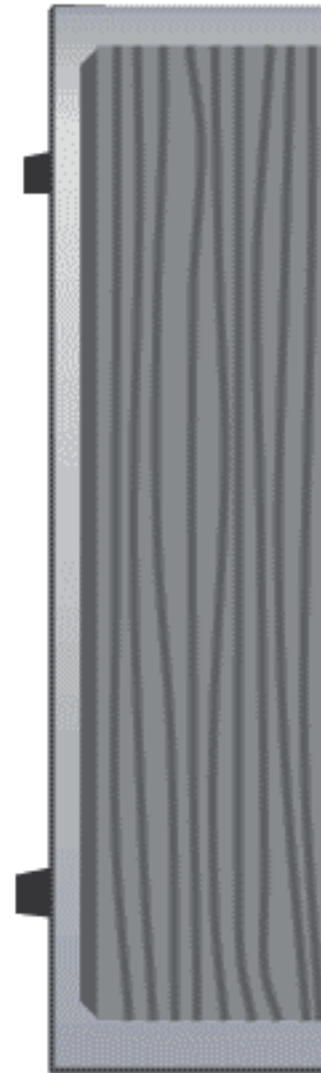
# DOOR PULLS C SERIES

21

C329



C330



## MATERIALS

BRASS & WOOD, BRONZE & WOOD

## FINISHES

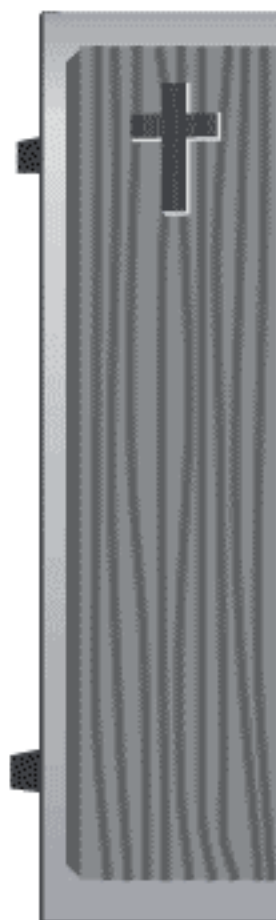
ALL  
STANDARD



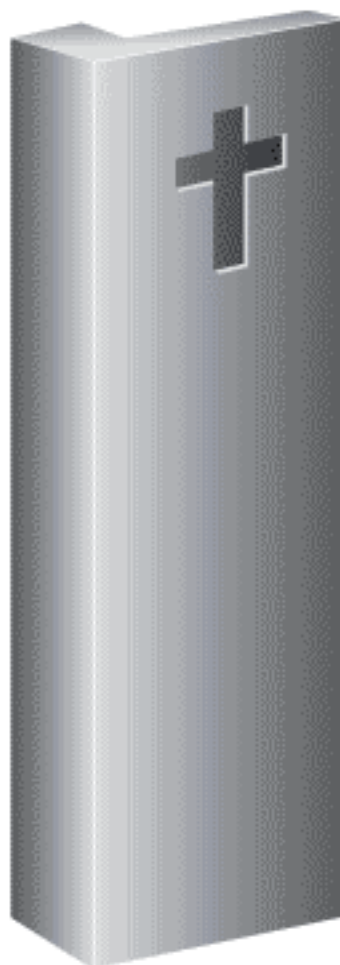
# DOOR PULLS C SERIES

22

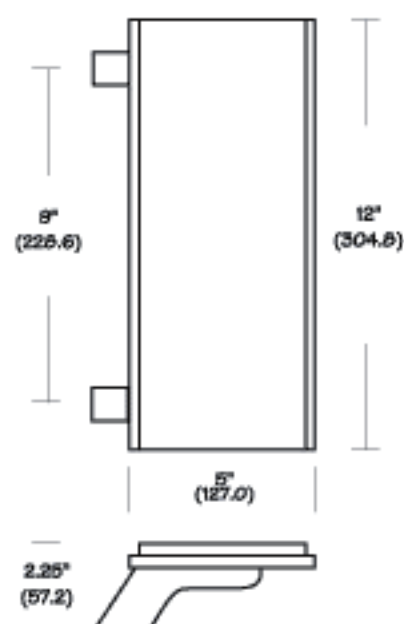
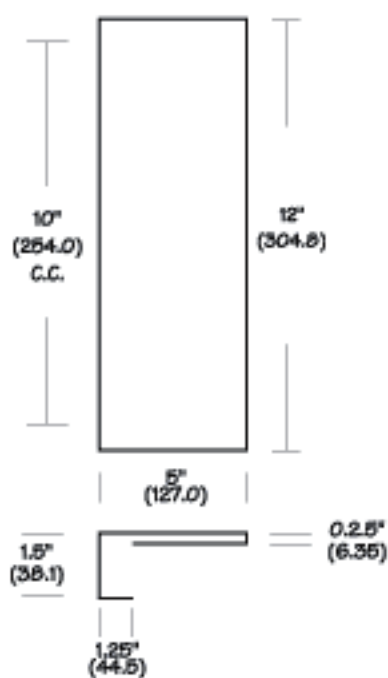
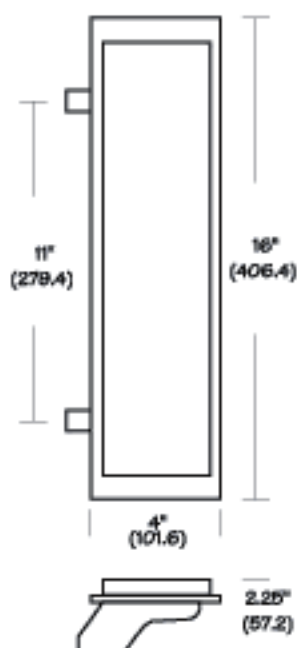
C331



C332



C333



## MATERIALS

C331 - BRASS & WOOD, BRONZE & WOOD  
C332 - BRASS, BRONZE, STAINLESS STEEL  
C333 - BRASS & WOOD, BRONZE & WOOD

## FINISHES

ALL  
STANDARD



# DOOR PULLS C SERIES

23

C334



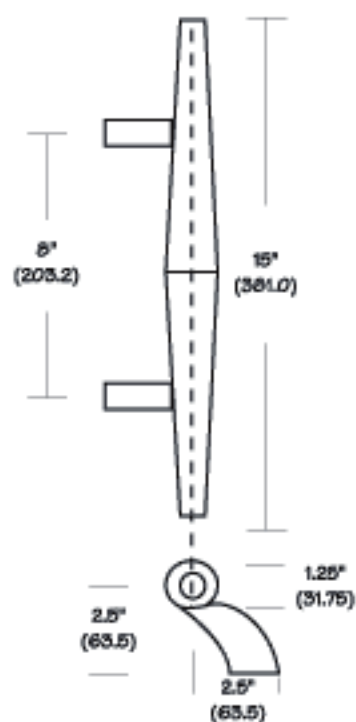
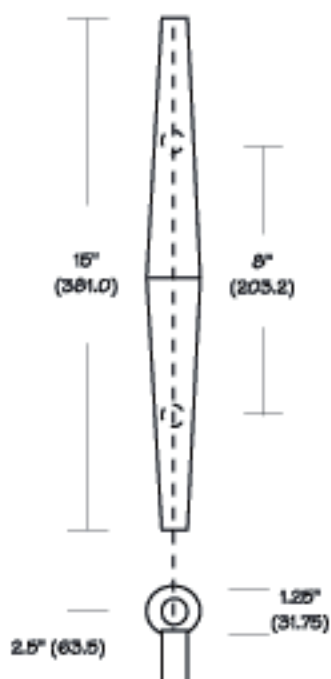
C335



C336



C337



## MATERIALS

BRASS, BRONZE, ALUMINUM,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# DOOR PULLS C SERIES

24

C338

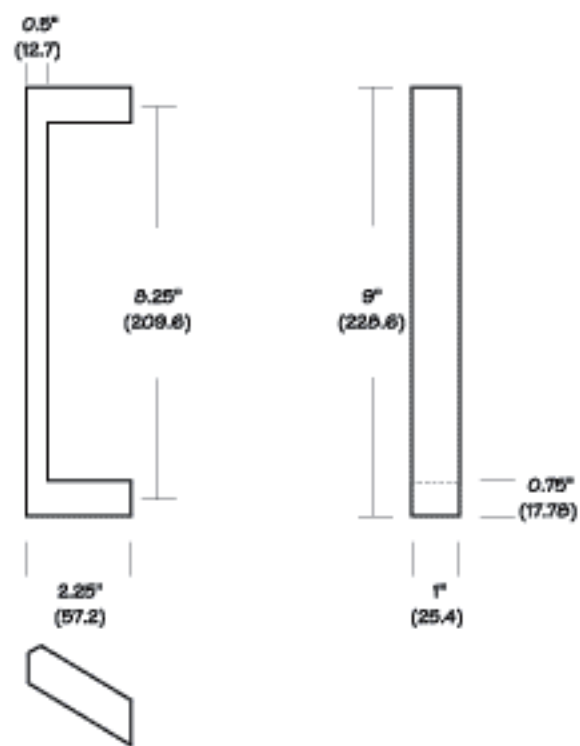
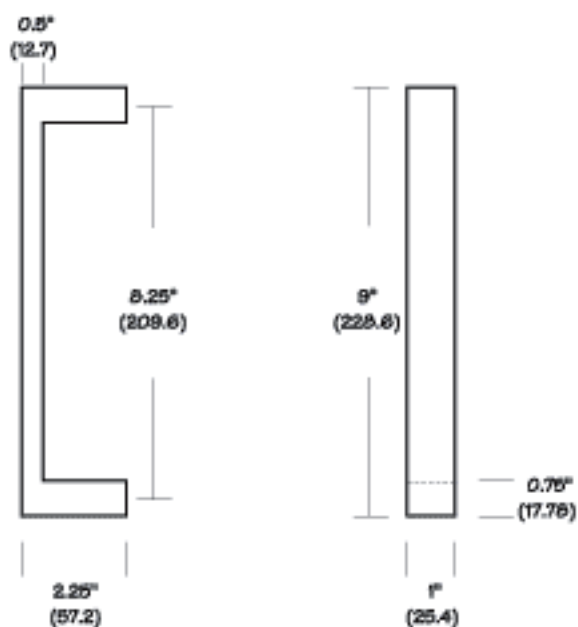


STRAIGHT

C339



OFFSET



## MATERIALS

ALUMINUM

## FINISHES

STANDARD  
ALUMINUM





# DOOR PULLS C SERIES

25

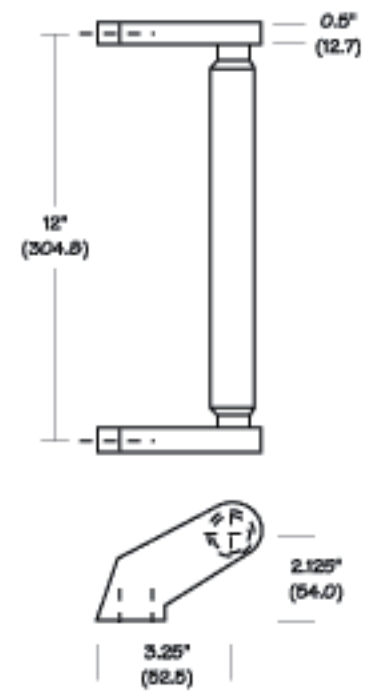
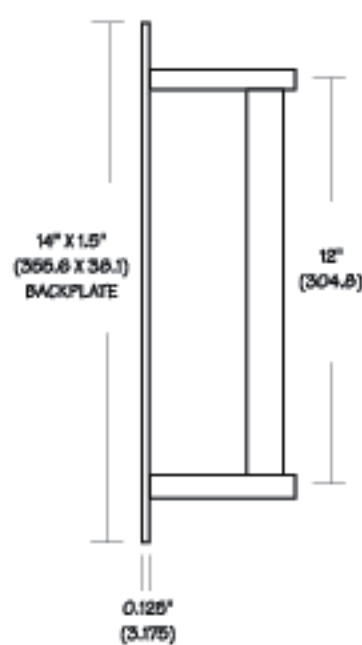
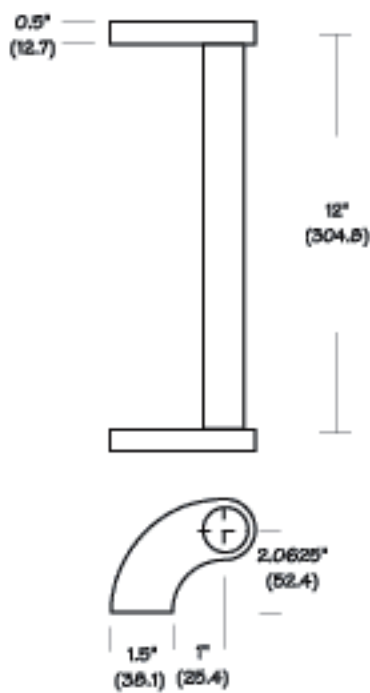
C340



C341



C342



## MATERIALS

C340 & C341 - ALUMINIUM  
C342 - BRASS, BRONZE

## FINISHES

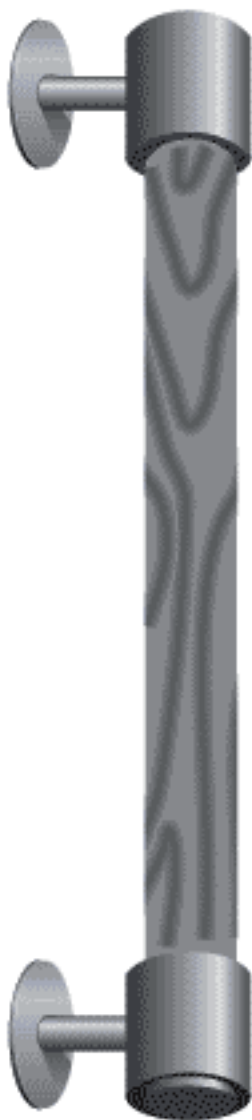
C340 & C341 - STANDARD ALUMINUM  
C342 - STANDARD



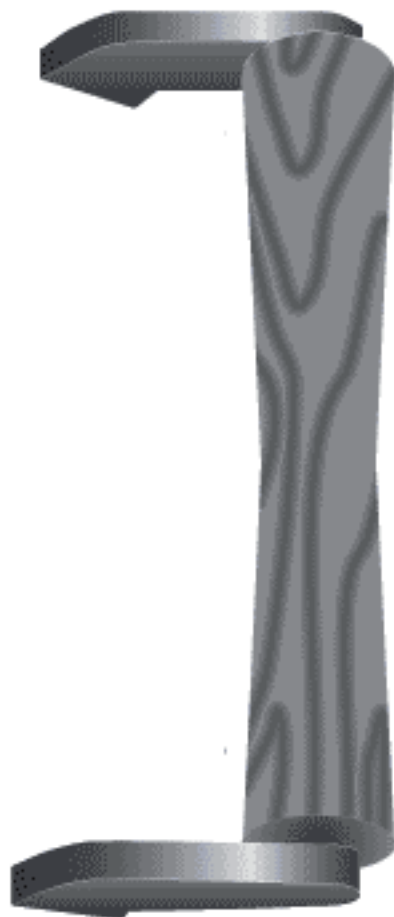
# DOOR PULLS C SERIES

26

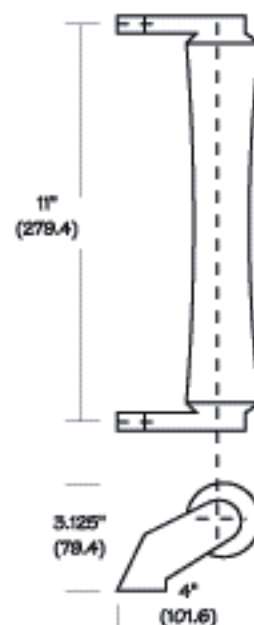
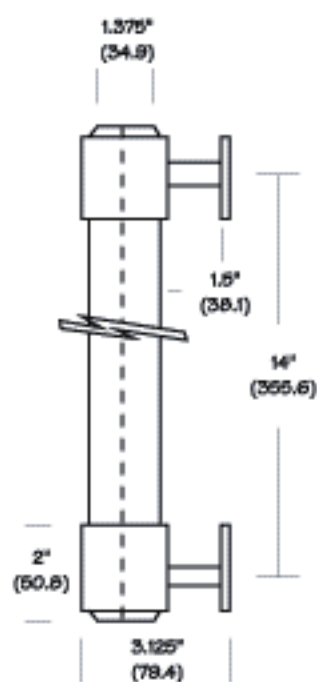
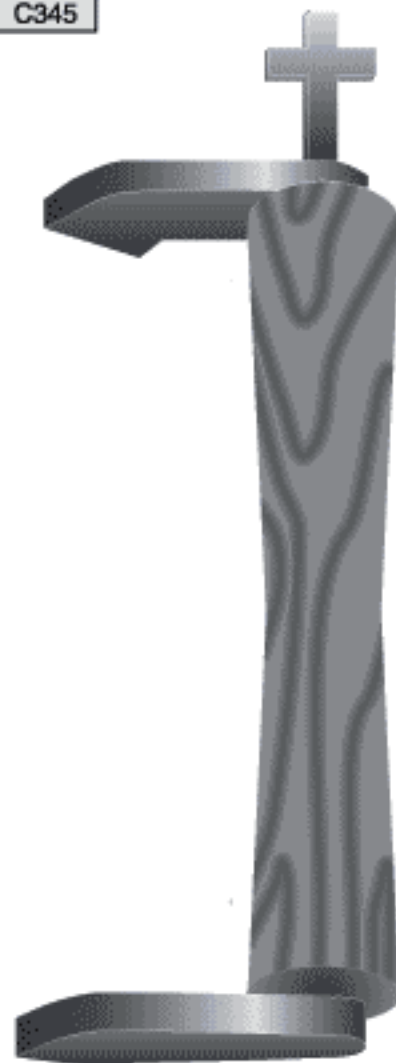
C343



C344



C345



## MATERIALS

BRASS & WOOD, BRONZE & WOOD

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

27

D347



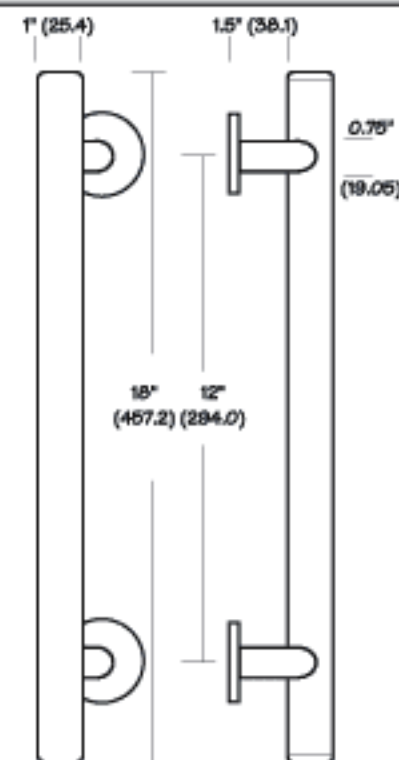
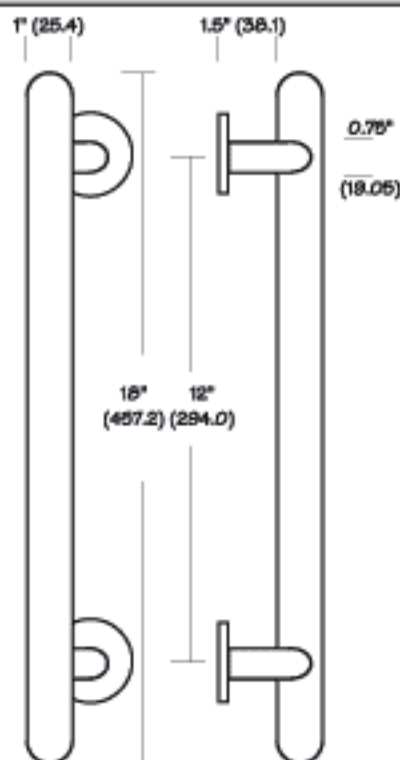
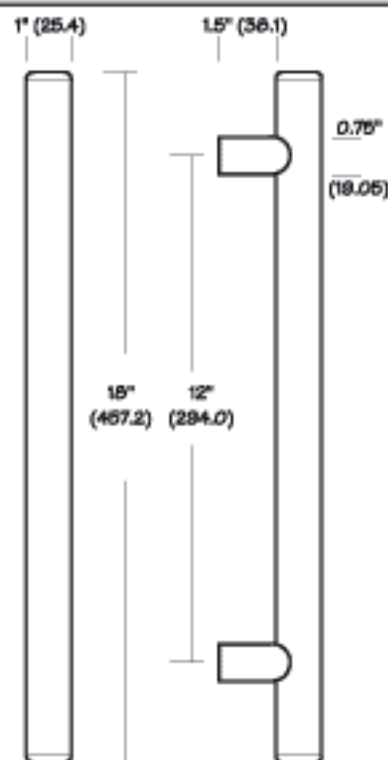
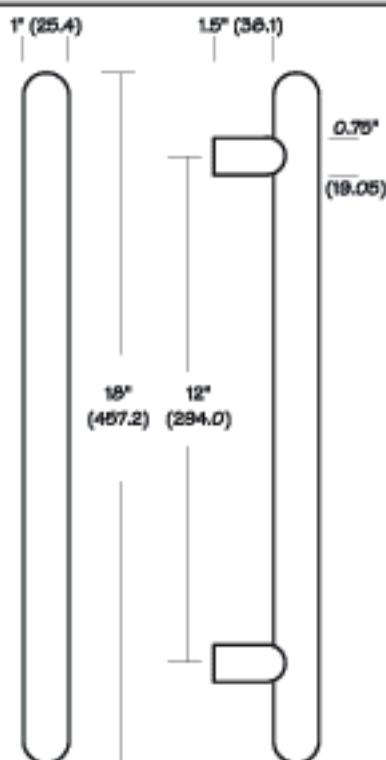
D348



D349



D350



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

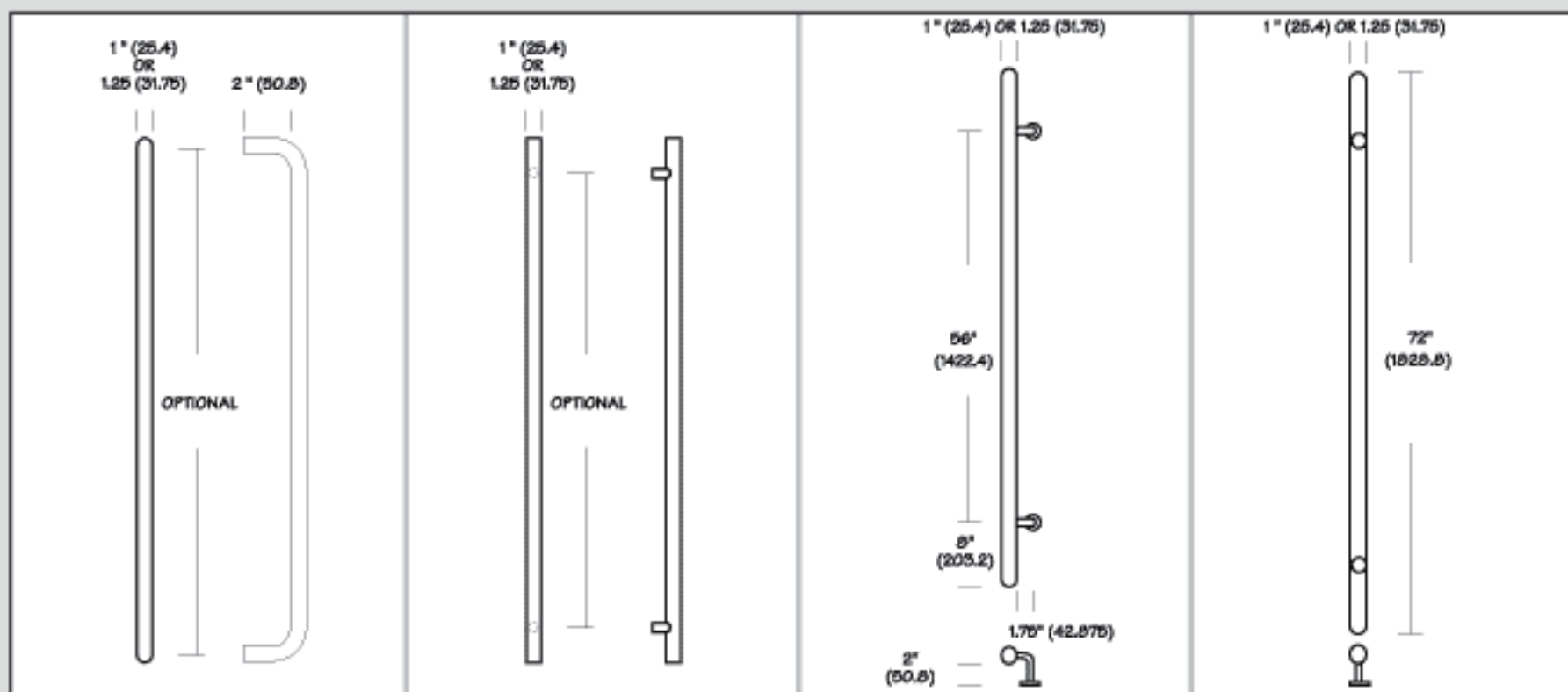
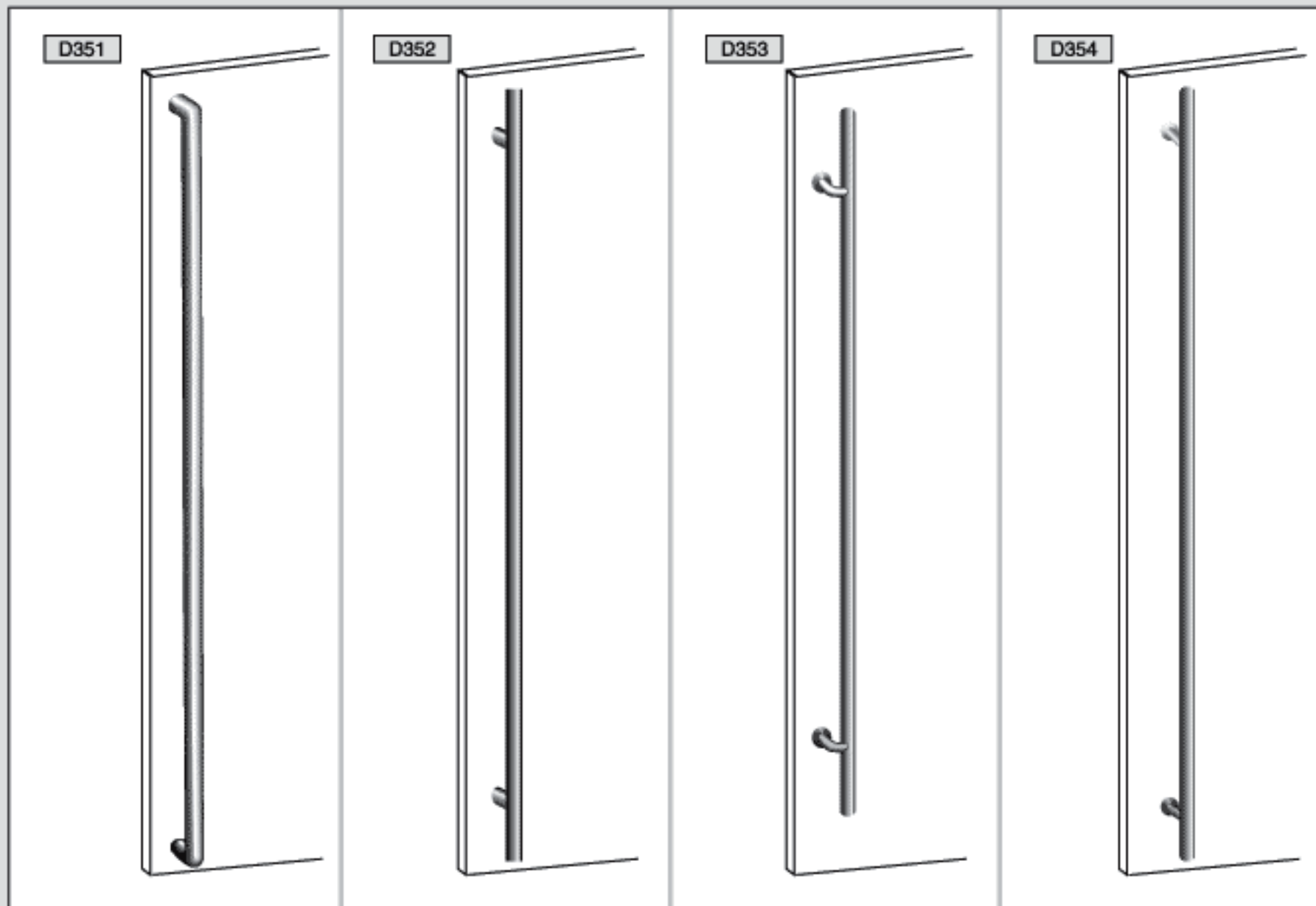
## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

28



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD





# DOOR PULLS D SERIES

29

D355



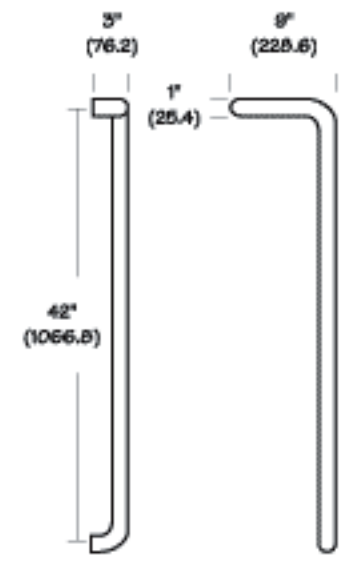
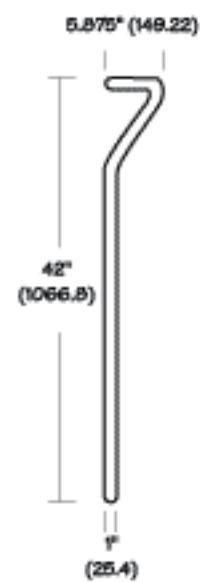
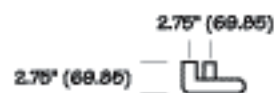
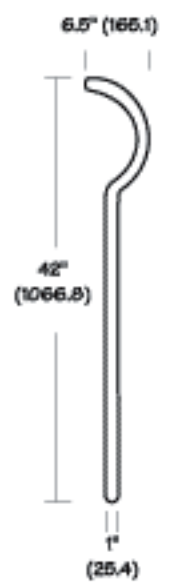
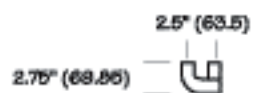
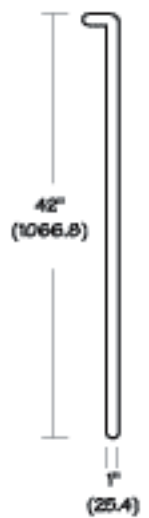
D356



D357



D358

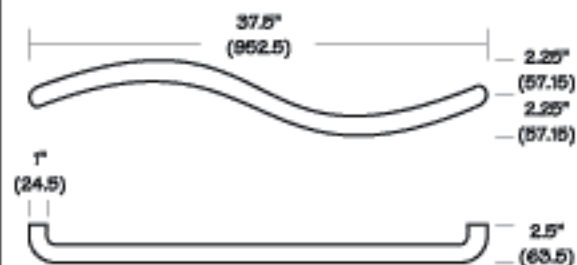


## MATERIALS

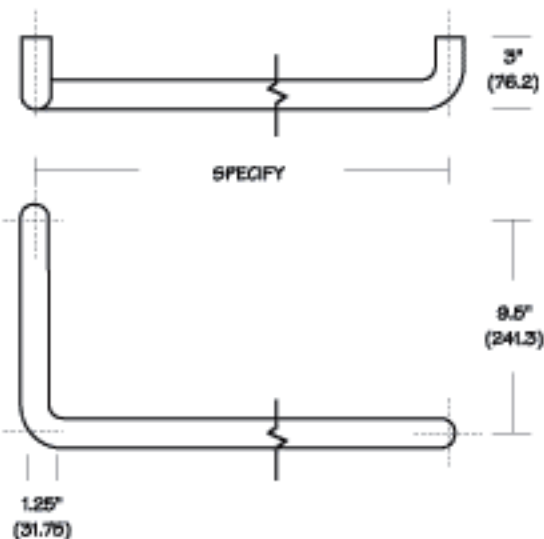
ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

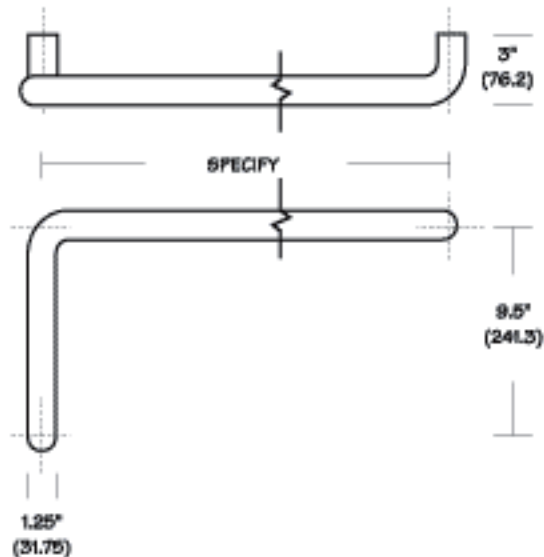
ALL  
STANDARD



D360



D361



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

31

D362  
D362-2 ○ 1" (25.4)  
D362-3 ○ 1.25" (31.75)



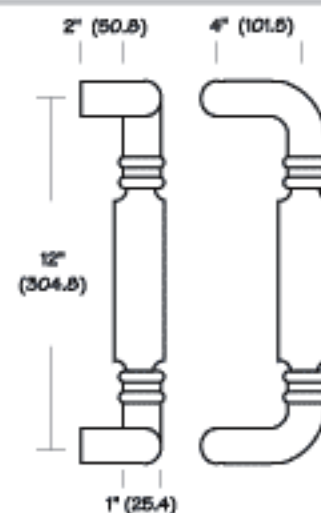
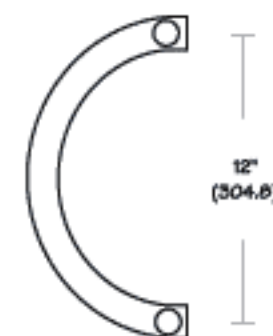
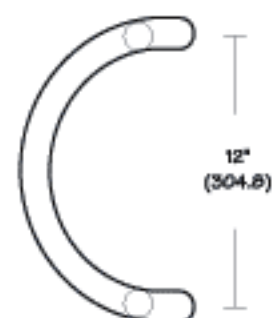
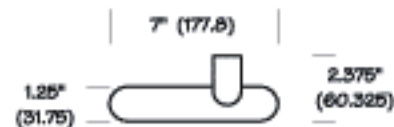
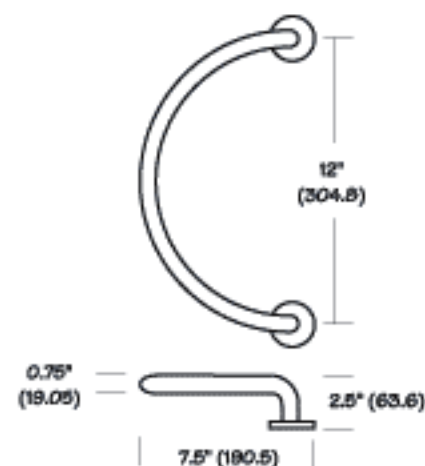
D363



D364



D365



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

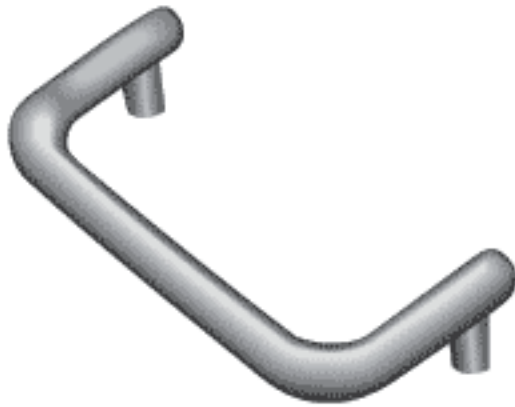
ALL  
STANDARD



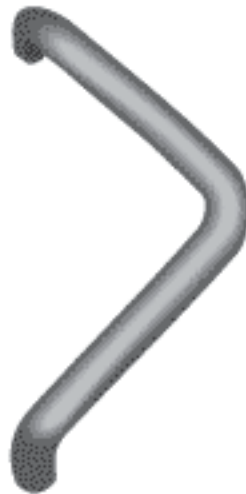
# DOOR PULLS D SERIES

32

D366



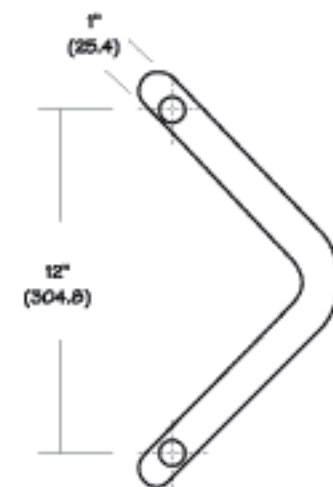
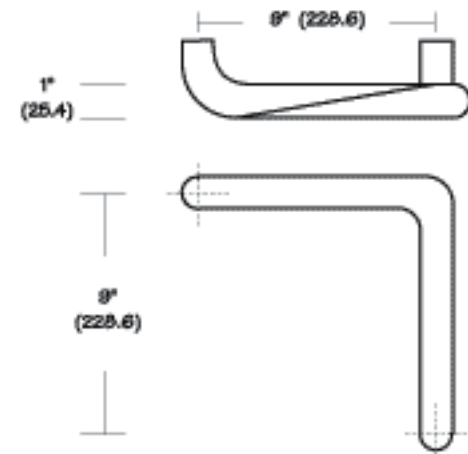
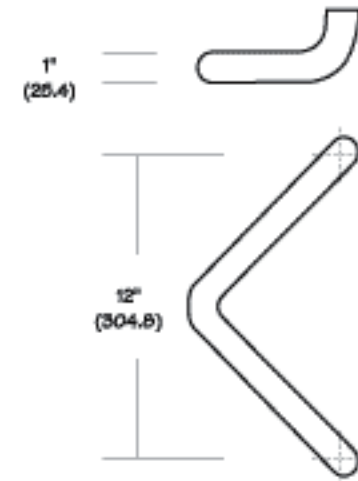
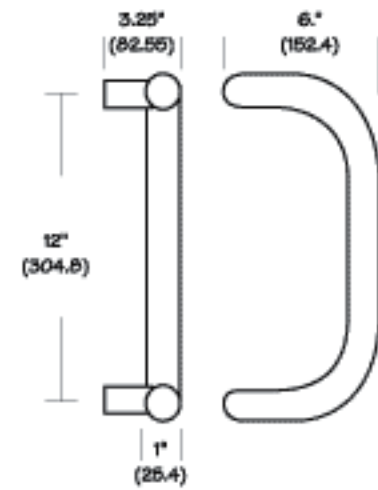
D367



D368



D369



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD





# DOOR PULLS D SERIES

33

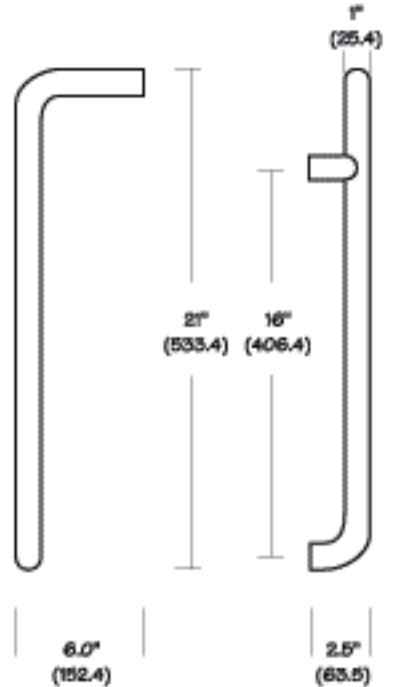
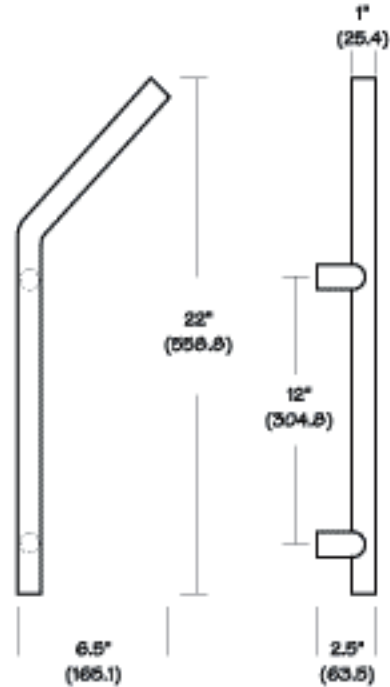
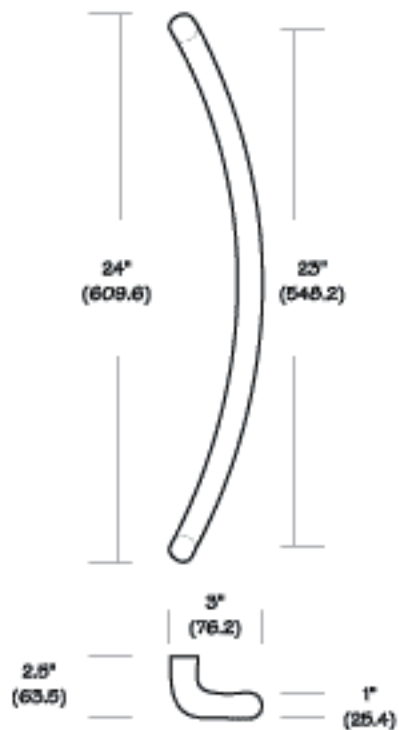
D370



D371



D372



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

34

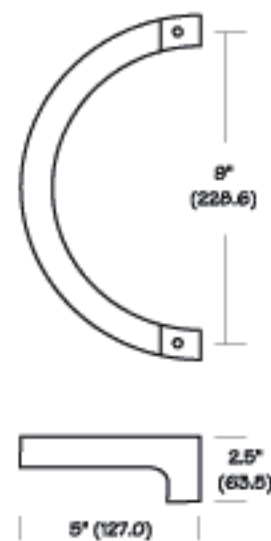
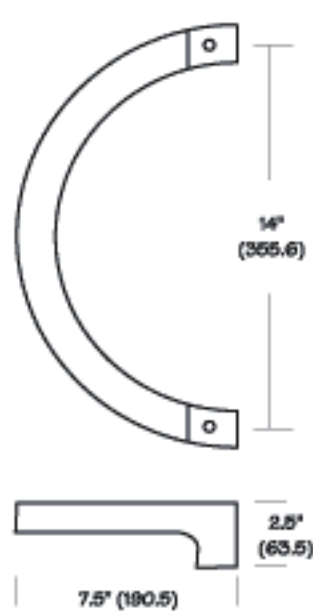
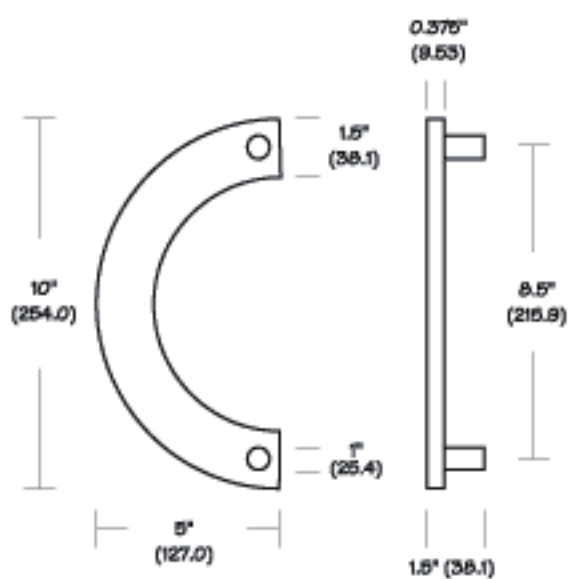
D373



D374



D375



## MATERIALS

CAST BRASS, ALUMINUM, BRONZE,  
STAINLESS STEEL ( ONLY D374 )

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

35

D376



D377



D378



D379



1.5"  
(38.1)



2.5"  
(63.5)



18"  
(457.2)

1.25" dia. (31.75)



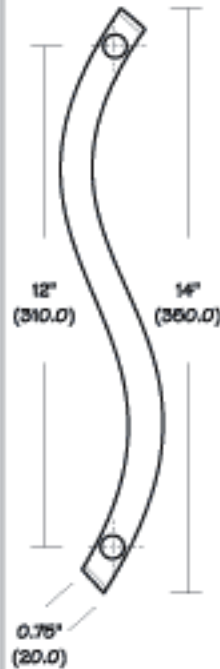
0.75" dia. (19.05)

4" (101.6)



16"  
(406.4)

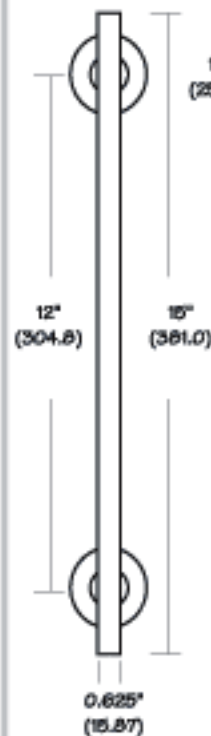
12"  
(304.8)



0.75"  
(20.0)



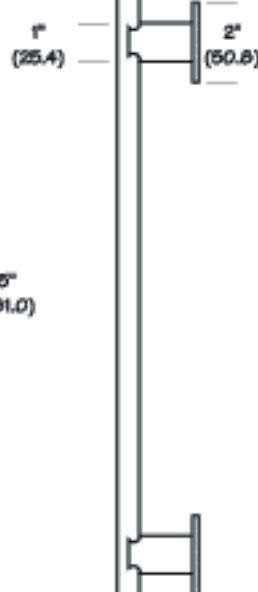
0.75"  
(20.0)



12"  
(304.8)

15"  
(381.0)

0.625"  
(15.87)



1"  
(25.4)

2"  
(50.8)

1.5"  
(38.1)

## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

36

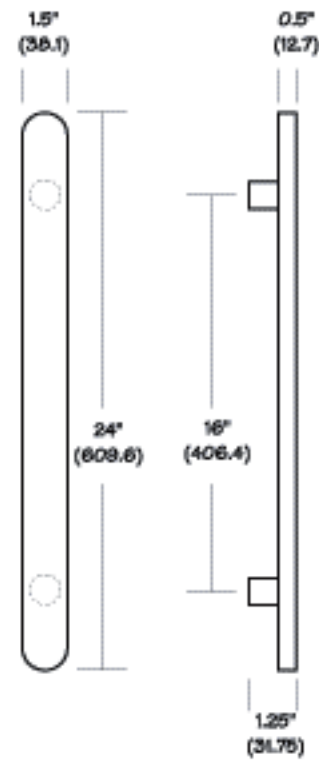
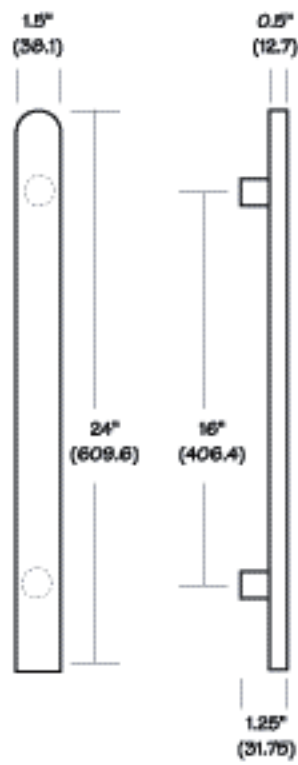
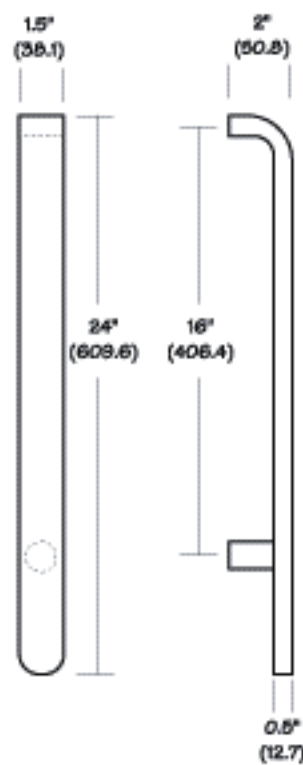
D380



D381



D382



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD





# DOOR PULLS D SERIES

37

D383



D384



D385



1"  
(25.4)



2.25"  
(57.15)



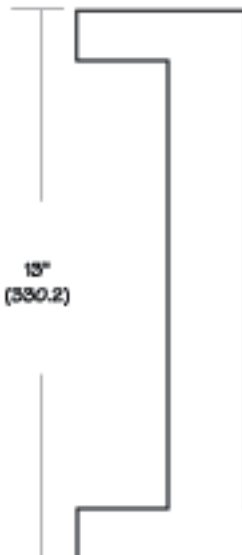
12"  
(304.8)



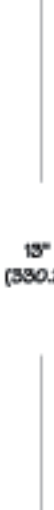
0.5" (12.7)



4"  
(101.6)



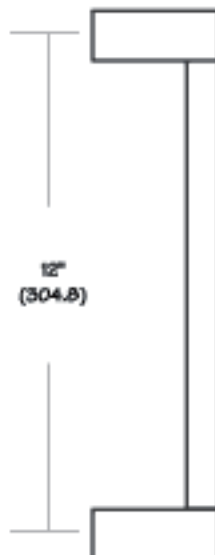
13"  
(330.2)



1.5" (38.1)



2"  
(50.8)



12"  
(304.8)



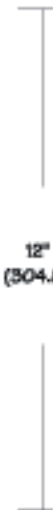
0.5" (12.7)



1.5" (38.1)



12"  
(304.8)



2.5" (63.5)



1.5" (38.1)



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

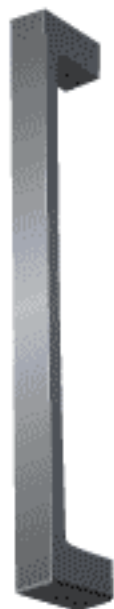
ALL  
STANDARD



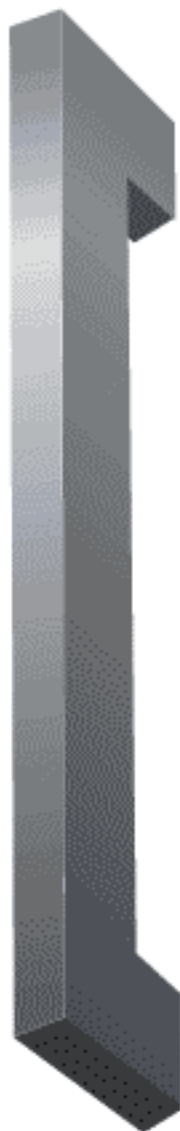
# DOOR PULLS D SERIES

38

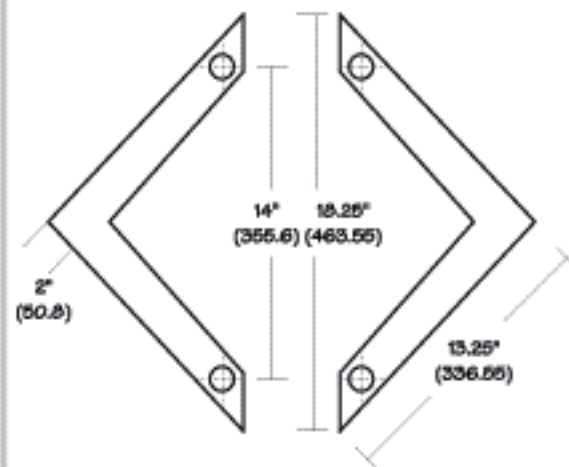
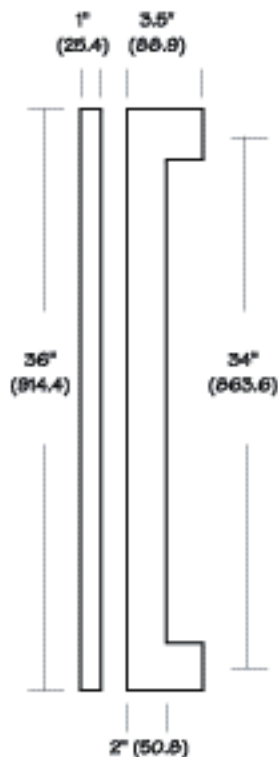
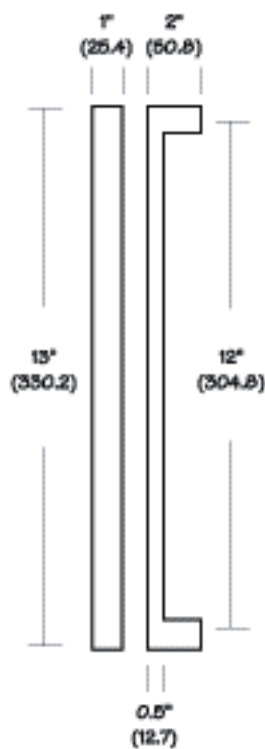
D386



D387



D388



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

39

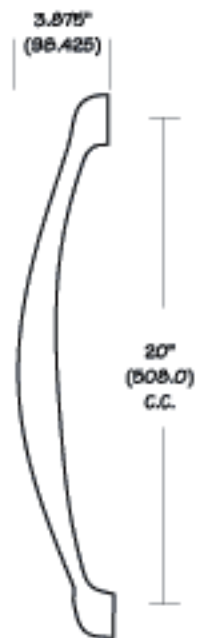
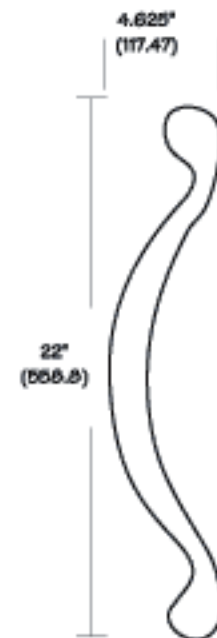
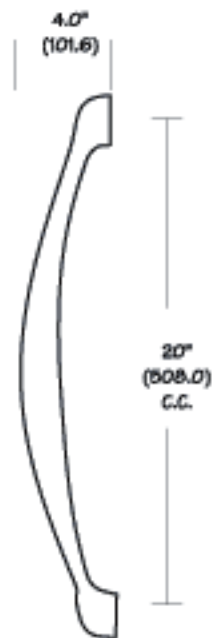
D389



D390



D391



## MATERIALS

CAST BRASS, BRONZE,

## FINISHES

ALL  
STANDARD



# DOOR PULLS D SERIES

40

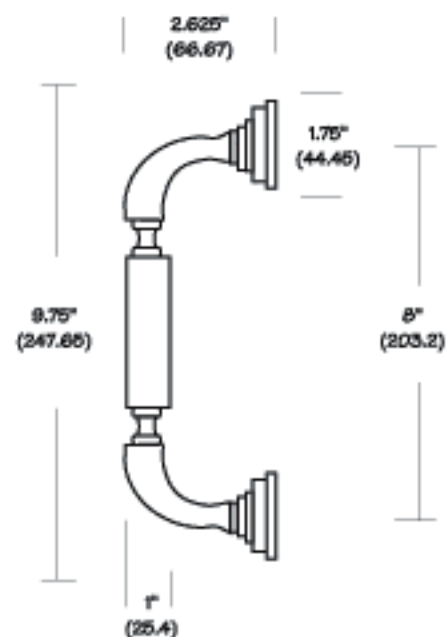
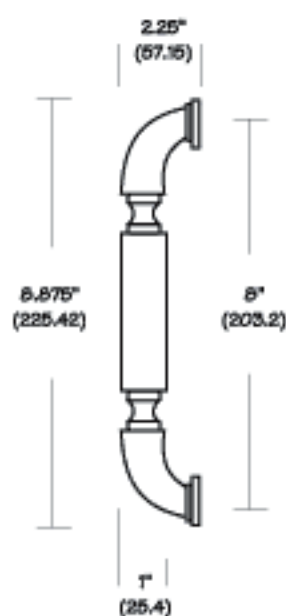
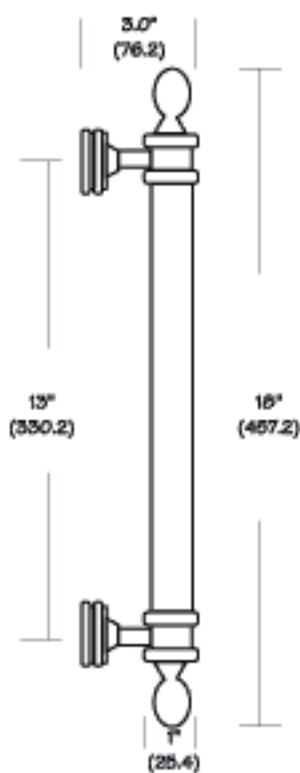
D392



D393



D394



## MATERIALS

ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD





# DOOR PULLS D SERIES

41

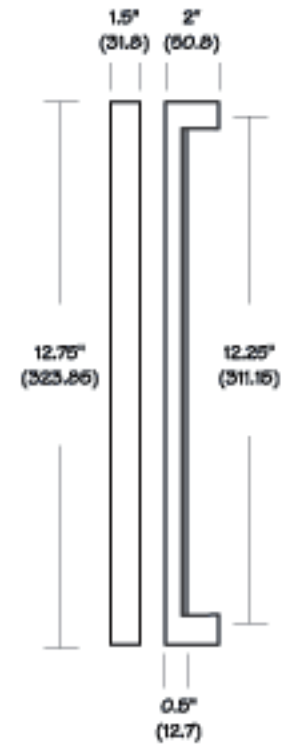
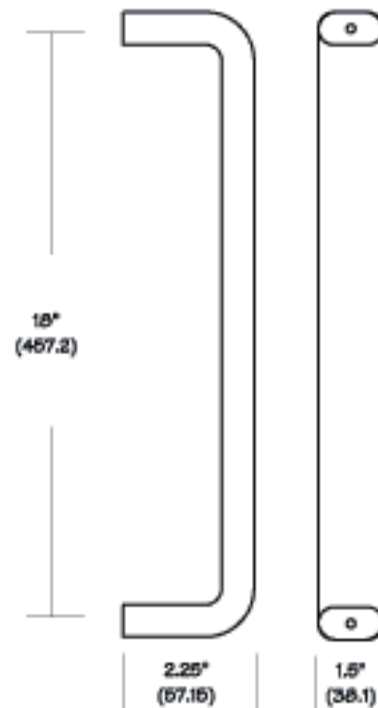
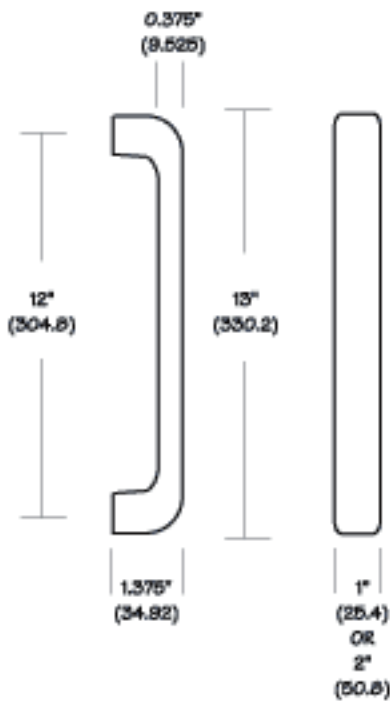
D395



D396



D397



## MATERIALS

D395, D397 - CAST BRASS, BRONZE,  
D396 - BRASS

## FINISHES

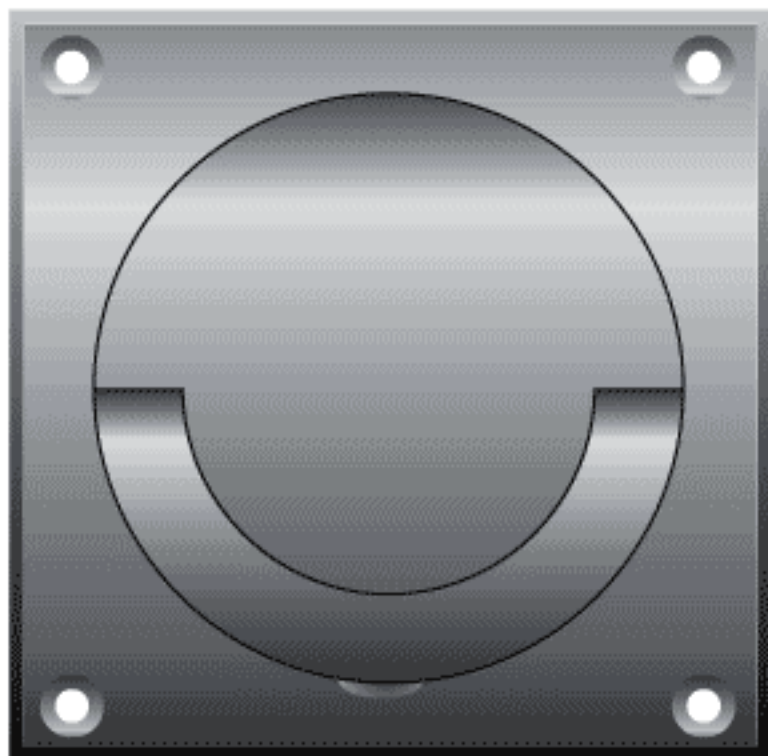
ALL  
STANDARD



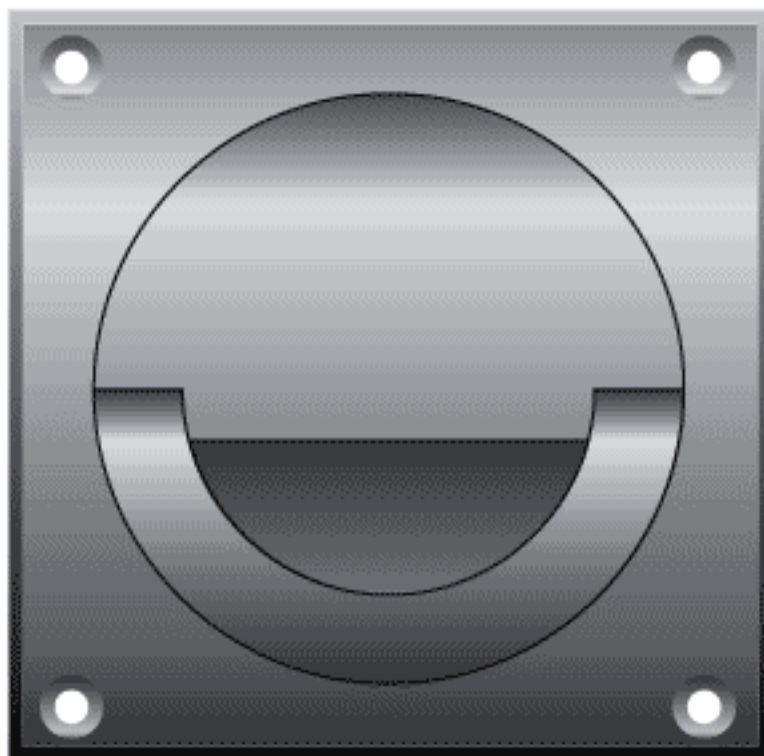
# RING PULLS H SERIES

42

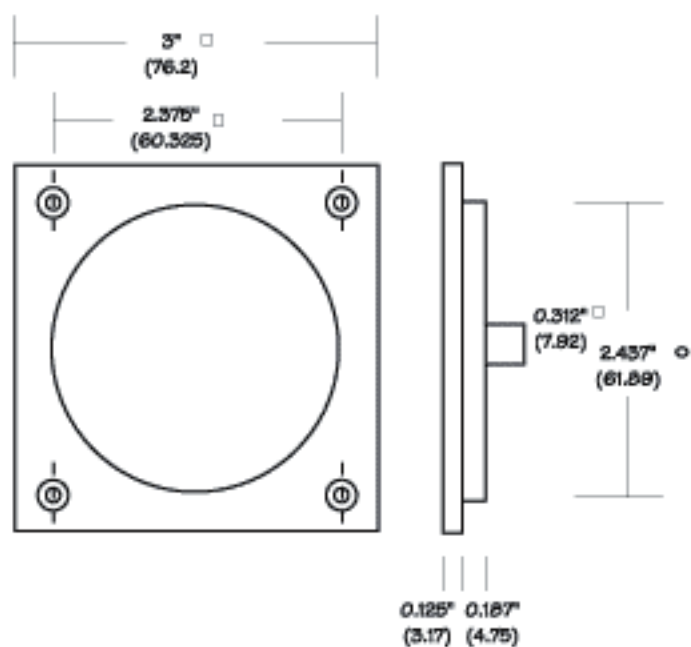
H400



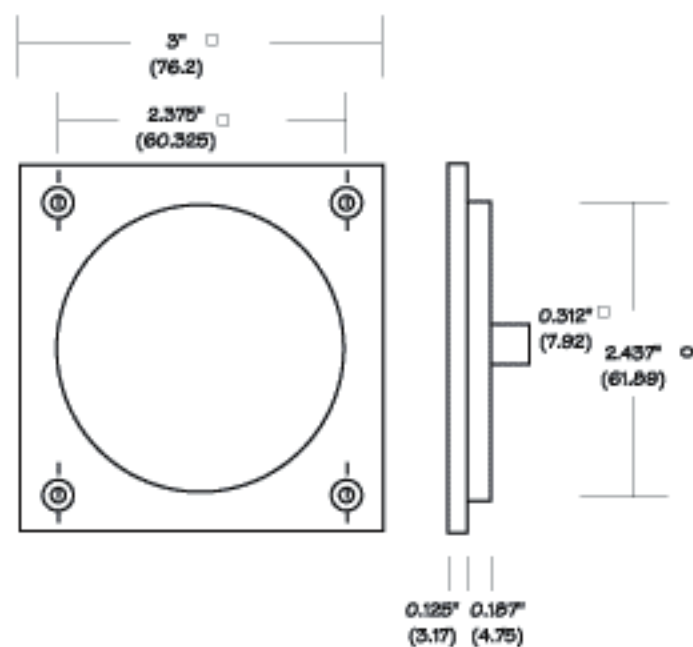
H401



SQUASH COURT RING PULL



DROP RING PULL



## MATERIALS

CAST BRASS,  
BRONZE

## FINISHES

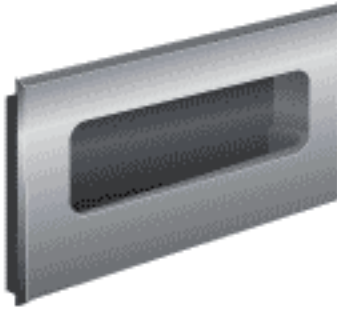
ALL  
STANDARD



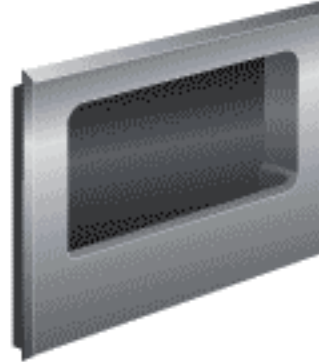
# FLUSH PULLS H SERIES

43

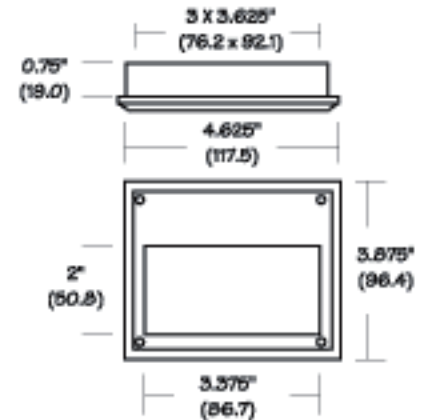
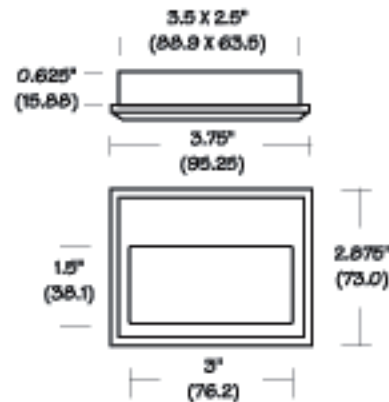
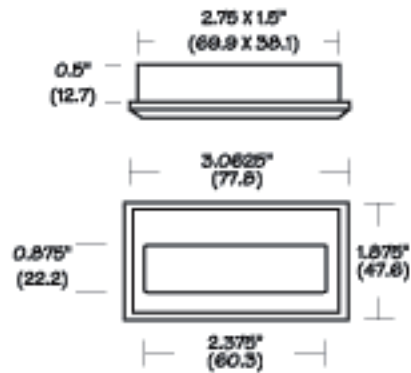
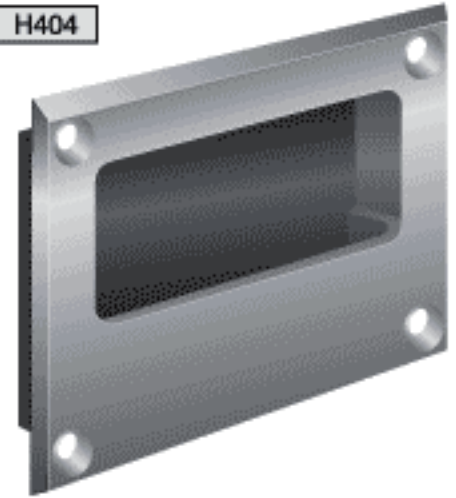
H402



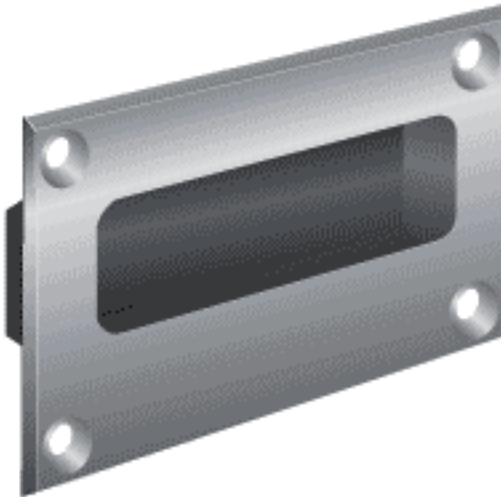
H403



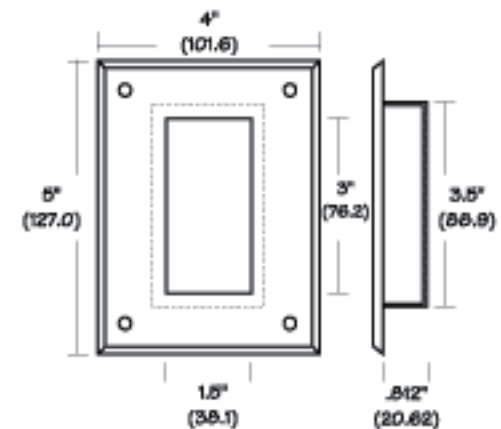
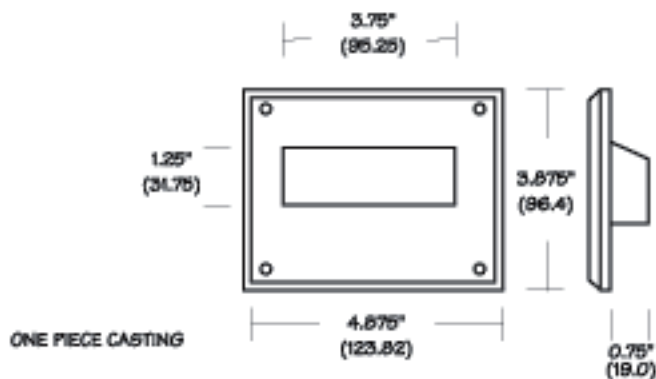
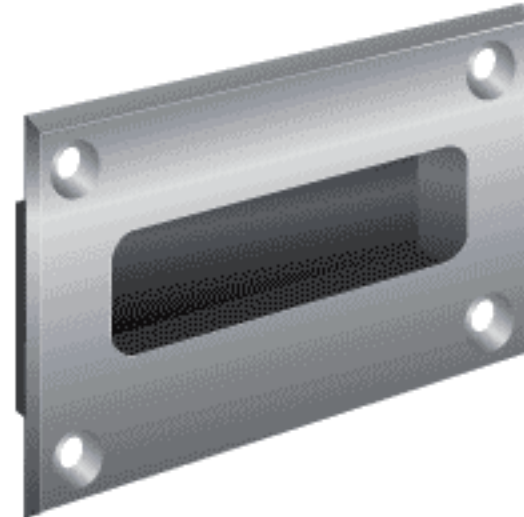
H404



H405



H406



## MATERIALS

H402 - H405 CAST BRASS, BRONZE, ALUMINUM  
H406 - STAINLESS STEEL

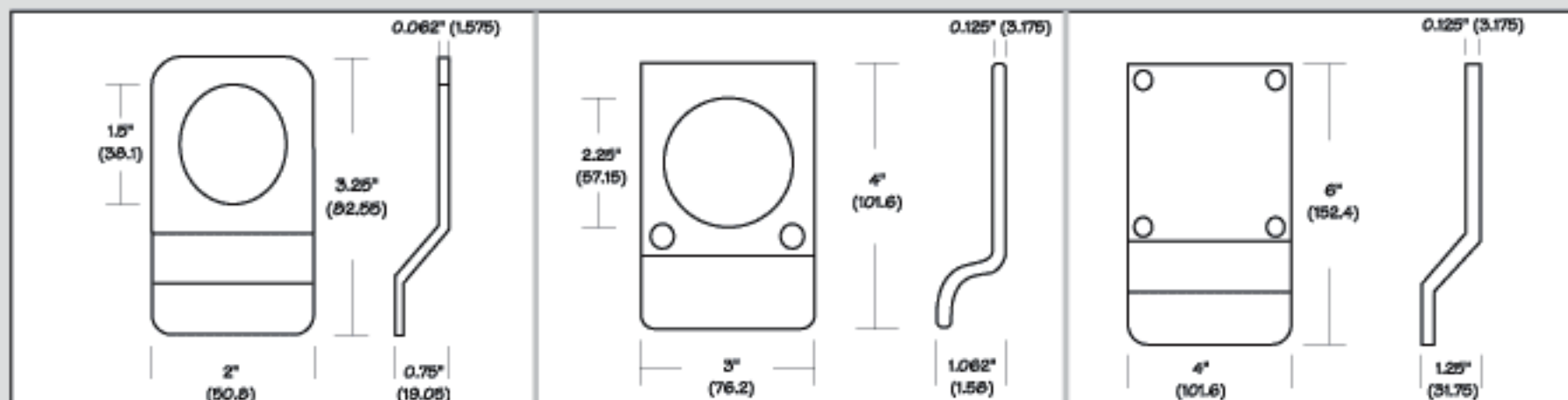
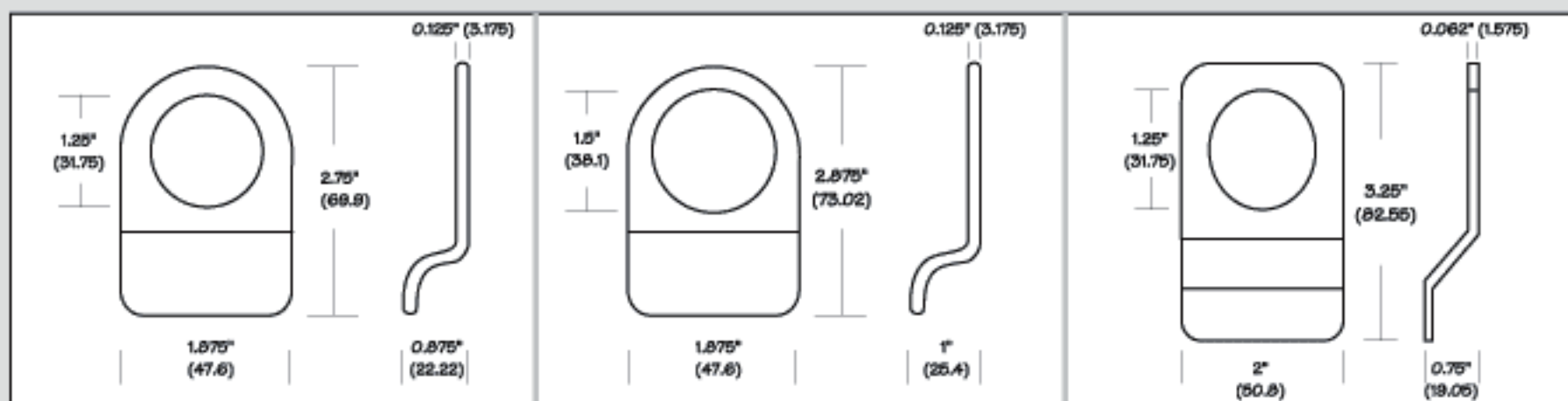
## FINISHES

ALL  
STANDARD



# CYLINDER PULLS H SERIES

44



## MATERIALS

H407 - H408 CAST BRASS, BRONZE  
H409 - H410 STEEL  
H411 - H412 SOLID BRASS, BRONZE, ALUMINUM, STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# PULL PLATES H SERIES

45

H413



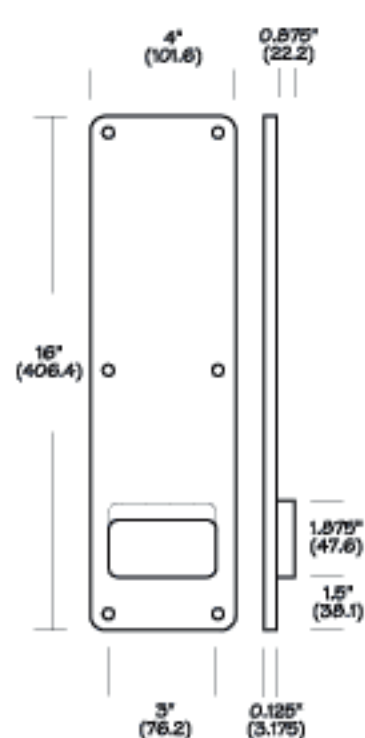
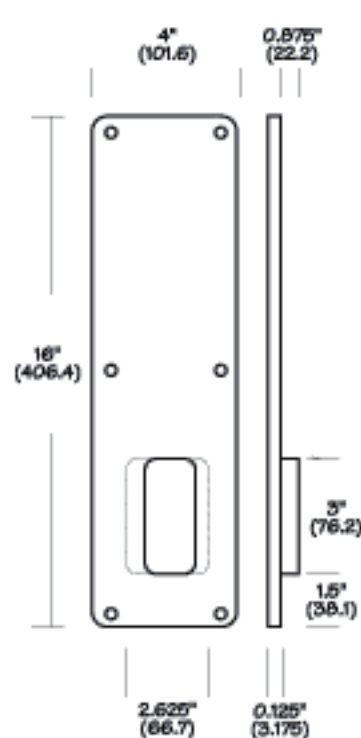
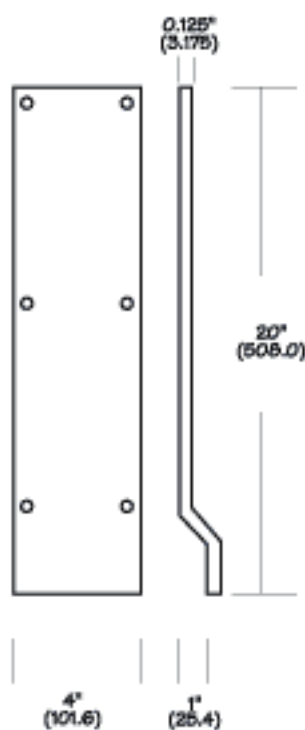
H414



H415



H416



## MATERIAL

BRASS, BRONZE, ALUMINUM,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD





# INSTITUTIONAL PULLS H SERIES

46

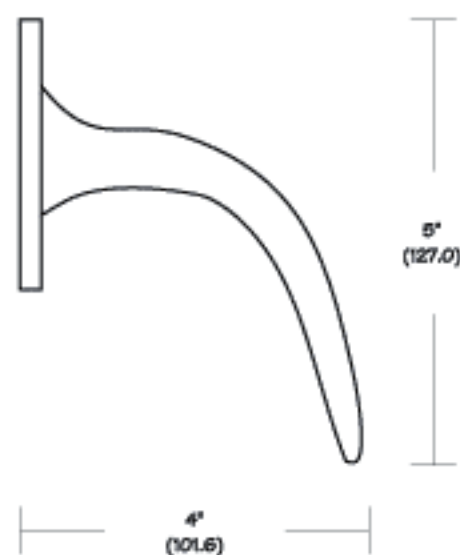
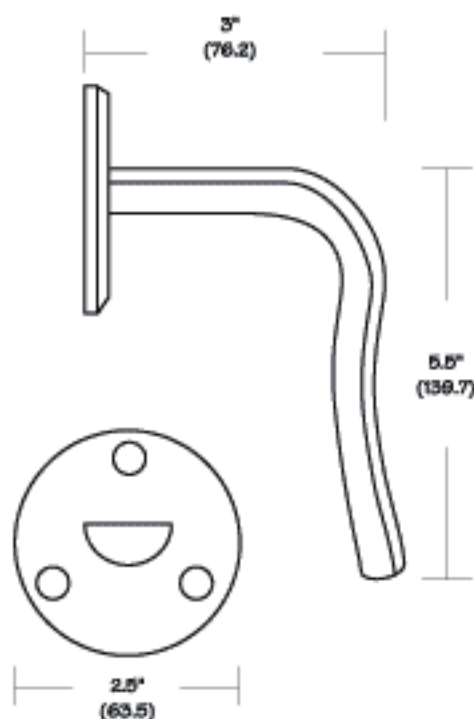
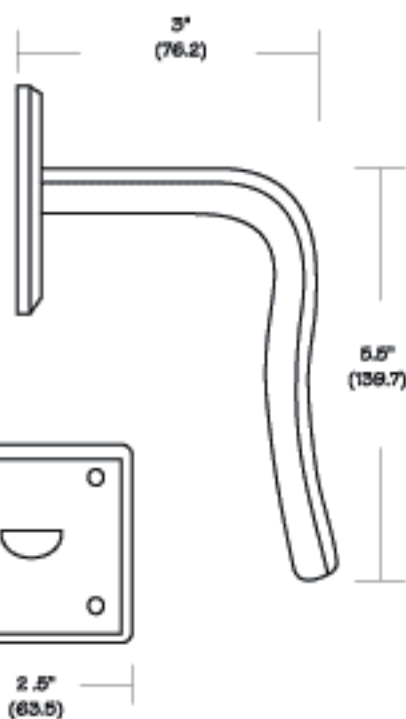
H417



H418



H419



## MATERIALS

BRASS, BRONZE,  
STAINLESS STEEL

## FINISHES

ALL  
STANDARD



# INSTITUTIONAL PULLS H SERIES

47

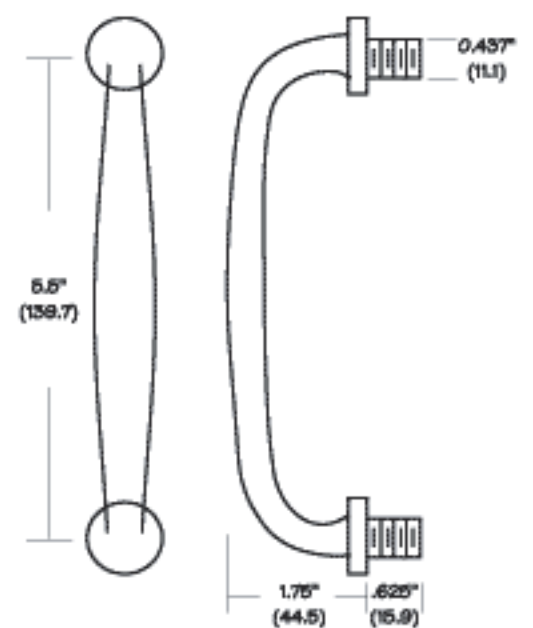
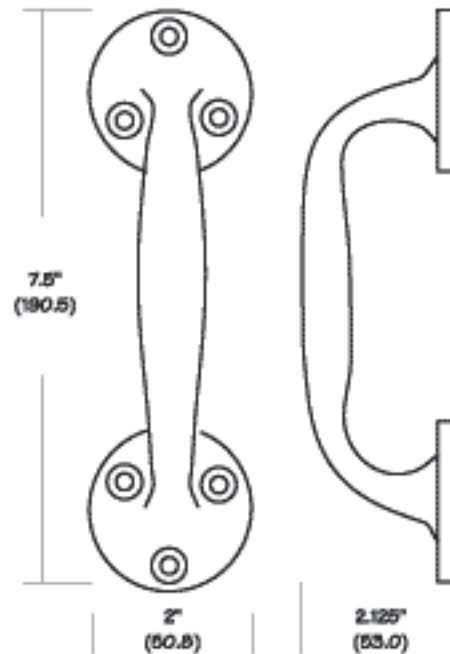
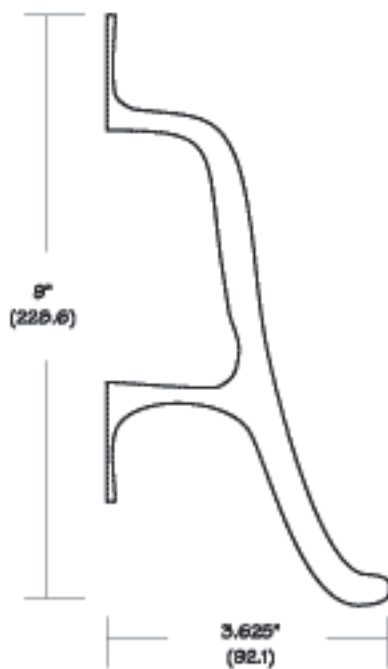
H420



H421



H422



## MATERIALS

H420 - H422 CAST BRASS, BRONZE, ALUMINUM  
STAINLESS STEEL ( H420 ONLY )

## FINISHES

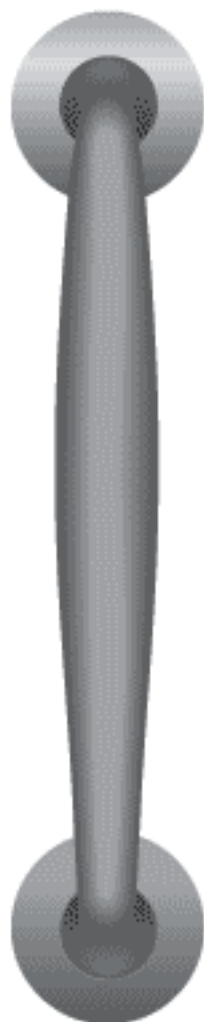
ALL  
STANDARD



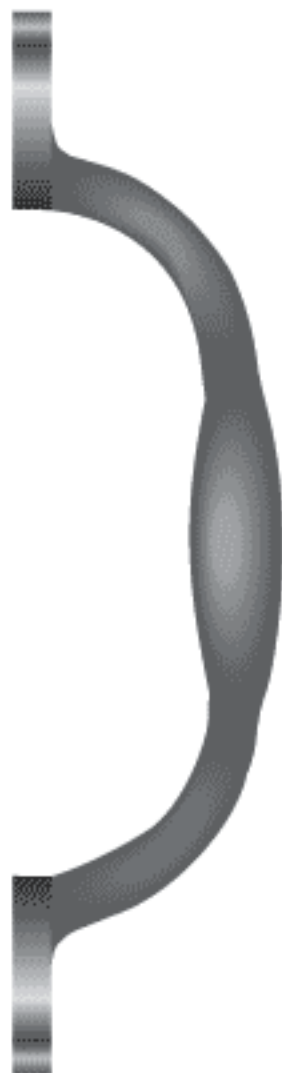
# INSTITUTIONAL PULLS H SERIES

48

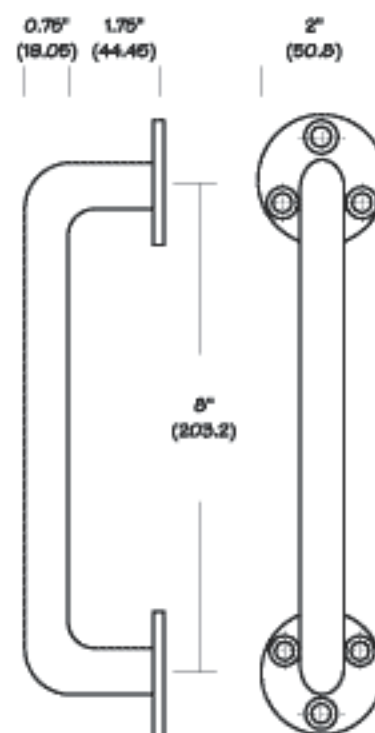
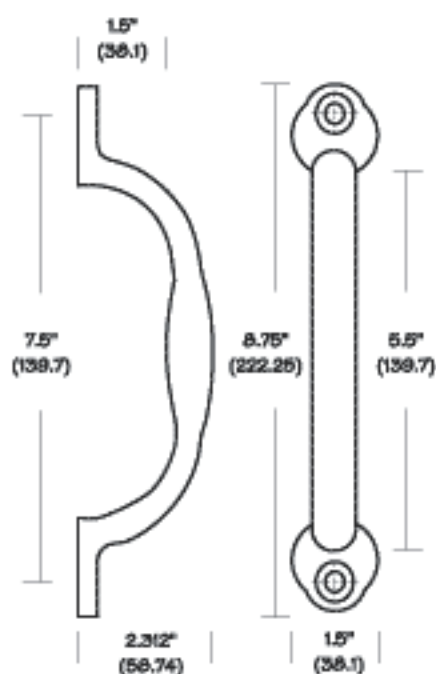
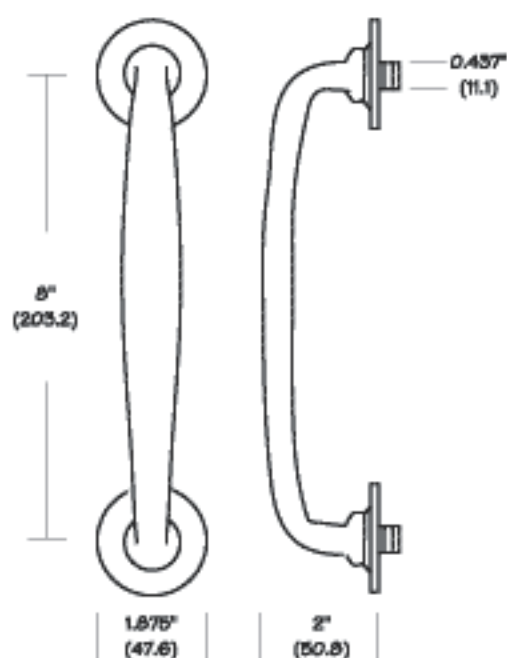
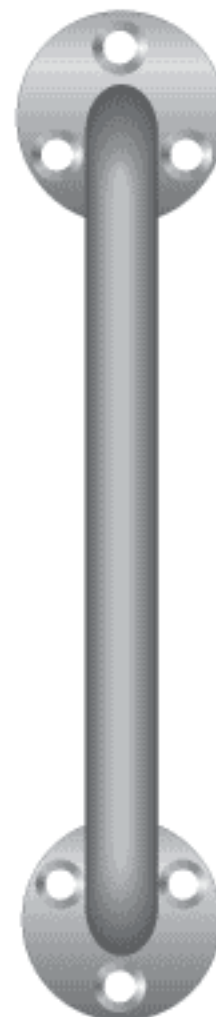
H423



H424



H425



## MATERIALS

H423 - H424 CAST BRASS, BRONZE  
H425 SOLID BRASS, BRONZE, ALUMINUM, STAINLESS STEEL

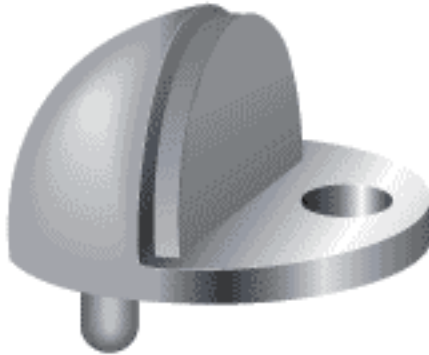
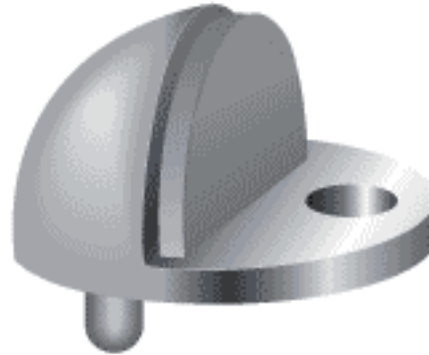
## FINISHES

ALL  
STANDARD



# FLOOR STOPS S SERIES

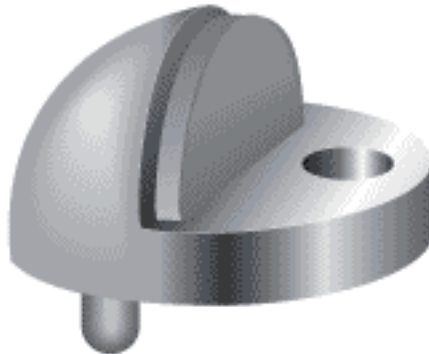
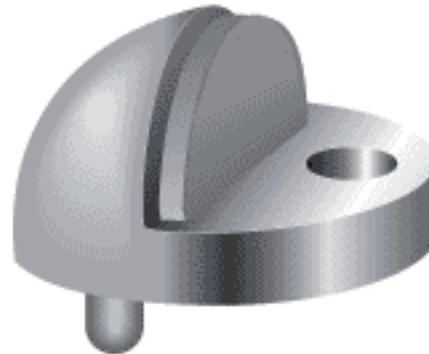
49

**S100** DOME DOOR STOP**S101** HEAVY DUTY DOME DOOR STOP**DOME DOOR STOP****S100**

- 1.875" (47.625) DIAM. x 1" (25.4) HIGH x 0.25" (6.35) RISE
- 1 PIECE ZINC DIE CAST CONSTRUCTION
- 0.125 LBS. EACH (0.056KG.)
- SUPPLIED WITH SCREWS & SHIELDS
- STANDARD FINISHES

**HEAVY DUTY DOME DOOR STOP****S101**

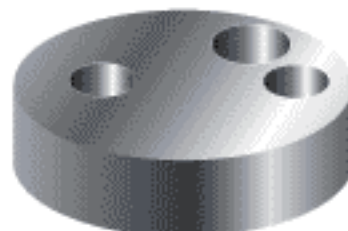
- 1.875" (47.625) DIAM. x 1" (25.4) HIGH x 0.25" (6.35) RISE
- SOLID 1 PIECE BRASS OR BRONZE CASTING
- 0.25 LBS. EACH (0.126KG.)
- SUPPLIED WITH SCREWS & SHIELDS
- STANDARD FINISHES

**S102** DOME DOOR STOP**S103** HEAVY DUTY DOME DOOR STOP**DOME DOOR STOP****S102**

- 1.875" (47.625) DIAM. x 1.312" (33.34) HIGH x 0.5" (12.7) RISE
- 1 PIECE ZINC DIE CAST CONSTRUCTION
- 0.187 LBS. EACH (0.085KG.)
- SUPPLIED WITH SCREWS & SHIELDS
- STANDARD FINISHES

**HEAVY DUTY DOME DOOR STOP****S103**

- 1.875" (47.625) DIAM. x 1.312" (33.34) HIGH x 0.5" (12.7) RISE
- SOLID 1 PIECE BRASS OR BRONZE CASTING
- 0.375 LBS. EACH (0.176KG.)
- SUPPLIED WITH SCREWS & SHIELDS
- STANDARD FINISHES

**S104** 0.25" (6.35) DOME DOOR STOP RISERS**S105** 0.5" (12.7) DOME DOOR STOP RISERS**S106** 0.75" (19.05) DOME DOOR STOP RISERS**DOOR STOP RISER****S104 - 106**

- ZINC DIE CAST CONSTRUCTION
- SUPPLIED WITH SCREWS & SHIELDS
- STANDARD FINISHES



# FLOOR STOPS S SERIES

50

**S107** HEAVY DUTY FLOOR STOP



**S108** HEAVY DUTY FLOOR STOP



**HEAVY DUTY FLOOR STOP**

**S107**

- 2.375" (60.325) HIGH x 2" (50.8) DIAM. BASE
- SOLID BRASS OR BRONZE CAST
- STANDARD FINISHES
- SUPPLIED WITH WOOD SCREWS

**HEAVY DUTY FLOOR STOP**

**S108**

- 3" (76.2) HIGH x 2" (50.8) DIAM. BASE
- SOLID BRASS OR BRONZE CAST
- STANDARD FINISHES
- SUPPLIED WITH WOOD SCREWS

**S109** HEAVY DUTY FLOOR STOP



**S110** HEAVY DUTY FLOOR STOP



**HEAVY DUTY FLOOR STOP**

**S109**

- 3" (76.2) HIGH x 2.25" (57.15) DIAM. BASE
- SOLID BRASS CASTING
- C3 OR 26D ONLY
- SUPPLIED WITH WOOD SCREWS

**HEAVY DUTY FLOOR STOP**

**S110**

- 2.75" (69.85) HIGH x
- 2.625" (6.67) DIAM. BASE
- STANDARD FINISHES
- SUPPLIED WITH MACHINE BOLT AND SHIELD.

**S111** DOOR HOLDER



**S112** DOOR HOLDER



**HEAVY DUTY DOOR HOLDER**

**S111**

- 5" (127.0) HIGH
- BRASS CASTING
- STANDARD FINISHES

**DOOR HOLDER**

**S112**

- 5" (127.0) HIGH x
- ZINC DIE CAST
- 26D ONLY

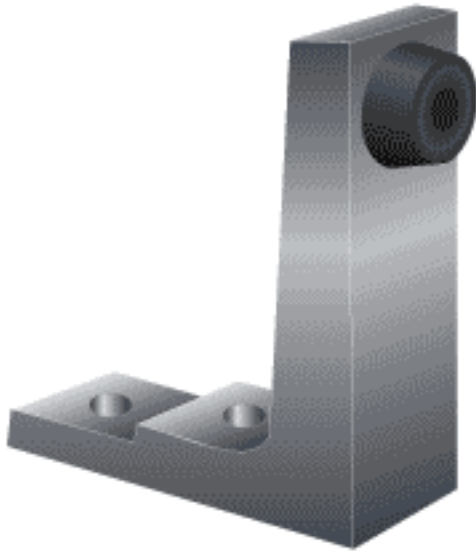




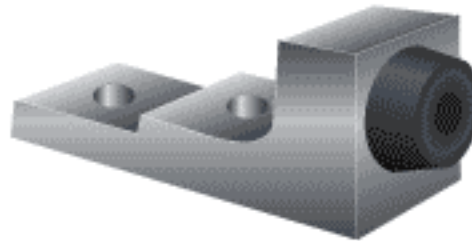
# FLOOR STOPS S SERIES

51

**S113** HEAVY DUTY FLOOR STOP



**S114** HEAVY DUTY FLOOR STOP



**HEAVY DUTY FLOOR STOP**

**S113**

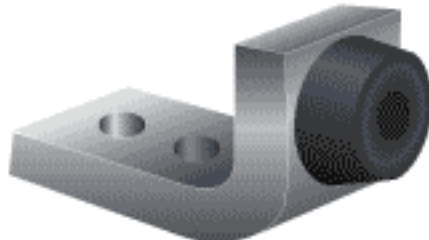
- 3.5" (88.9) HIGH x 3.375" (85.725) LENGTH x 1.25" (31.75) WIDTH
- CAST BRASS OR BRONZE
- STANDARD FINISHES
- SUPPLIED WITH LAG BOLTS AND SHIELDS

**HEAVY DUTY FLOOR STOP**

**S114**

- 1.5" (38.1) HIGH x 3.75" (85.725) LENGTH x 1.25" (31.75) WIDTH
- CAST BRASS OR BRONZE
- STANDARD FINISHES
- SUPPLIED WITH LAG BOLTS AND SHIELDS

**S115** HEAVY DUTY FLOOR STOP



**HEAVY DUTY FLOOR STOP**

**S115**

- 1.5" (38.1) HIGH x 2" (50.8) LENGTH x 1" (25.4) WIDTH
- SOLID ALUMINUM, BRASS OR ST. STEEL
- STANDARD FINISHES
- SUPPLIED WITH SCREWS AND SHIELD

**S116** HEAVY DUTY FLOOR STOP



**HEAVY DUTY FLOOR STOP**

**S116**

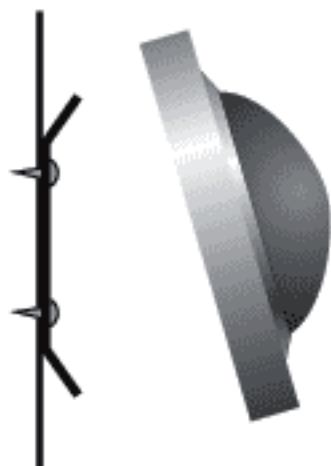
- 1" (25.4) HIGH x 1" (25.4) DIAM.
- SOLID ALUMINUM, BRONZE, BRASS OR ST. STEEL
- STANDARD FINISHES
- SUPPLIED WITH HANGER BOLT AND SHIELD
-



# WALL STOPS S SERIES

52

## FOR A POSITIVE SECURE INSTALLATION

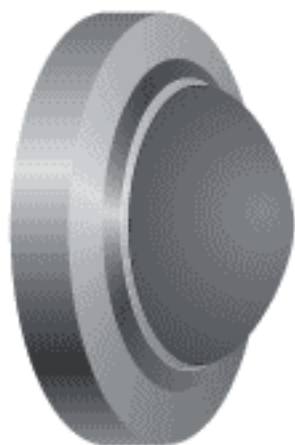


METAL BACKPLATE SECURES  
TO WALL WITH SCREWS AND SHIELDS

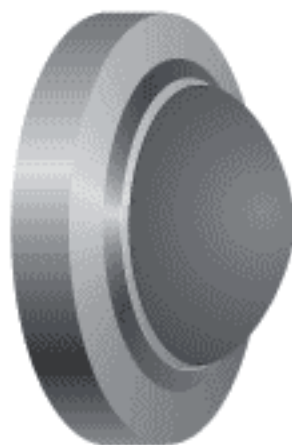


HOUSING AND RUBBER FITS OVER  
BACKPLATE AND SECURED WITH SET SCREW

### S120 CONVEX WALL STOP



### S121 HEAVY DUTY CONVEX WALL STOP



### CONVEX WALL STOP

S120

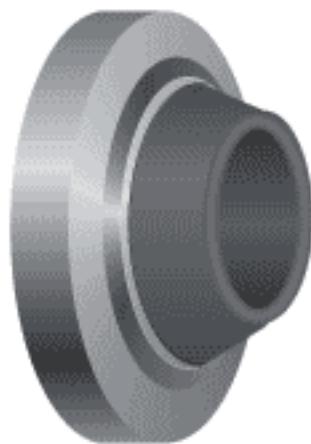
- 2.375" (60.325) DIAM. x 1" (25.4) PROJECTION
- ZINC DIE CAST
- 0.187 LBS EACH (0.085 KG.)
- COMPLETE WITH SCREWS AND SHIELDS
- ALL STANDARD FINISHES

### HEAVY DUTY CONVEX WALL STOP

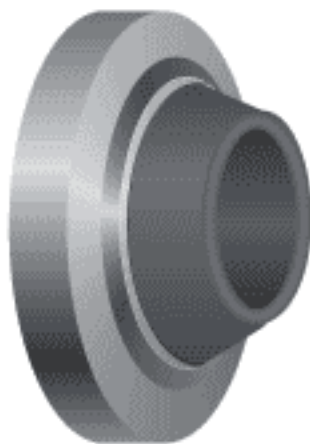
S121

- 2.375" (60.325) DIAM. x 1" (25.4) PROJECTION
- SOLID CAST BRASS OR BRONZE
- 0.375 LBS EACH (0.17 KG.)
- COMPLETE WITH SCREWS AND SHIELDS
- ALL STANDARD FINISHES

### S122 CONCAVE WALL STOP



### S123 HEAVY DUTY CONCAVE WALL STOP



### CONCAVE WALL STOP

S122

- 2.375" (60.325) DIAM. x 1" (25.4) PROJECTION
- ZINC DIE CAST
- 0.187 LBS EACH (0.085 KG.)
- COMPLETE WITH SCREWS AND SHIELDS
- ALL STANDARD FINISHES

### HEAVY DUTY CONCAVE WALL STOP

S123

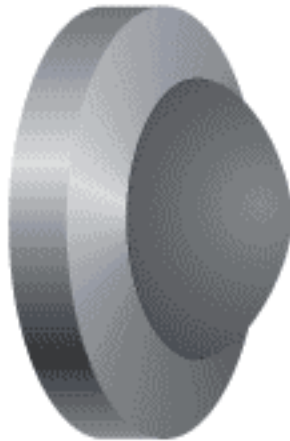
- 2.375" (60.325) DIAM. x 1" (25.4) PROJECTION
- SOLID CAST BRASS OR BRONZE
- 0.375 LBS EACH (0.17 KG.)
- COMPLETE WITH SCREWS AND SHIELDS
- ALL STANDARD FINISHES



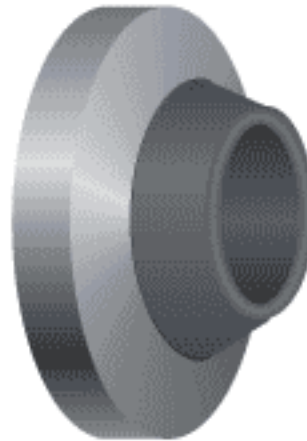
# WALL STOPS S SERIES

53

**S124** CONVEX WALL STOP



**S125** CONCAVE WALL STOP



**CONVEX WALL STOP**

**S124**

- 2" (50.8) DIAM. x 1" (25.4) PROJECTION
- WROUGHT STAINLESS STEEL
- THROUGH THE RUBBER MOUNTING
- 32D FINISH

**CONCAVE WALL STOP**

**S125**

- 2" (50.8) DIAM. x 1" (25.4) PROJECTION
- WROUGHT STAINLESS STEEL
- THROUGH THE RUBBER MOUNTING
- 32D FINISH

**S126** BUTTON PUSH-IN DOOR BUMPER



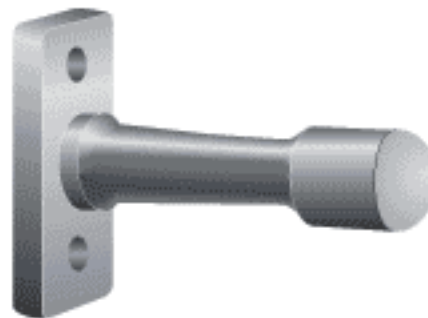
**S127** TAPED BACK RUBBER BUMPER



**S128** TAPED BACK RUBBER BUMPER



**S129** HEAVY DUTY BASEBOARD STOP



**BUTTON PUSH-IN DOOR BUMPER**

**S126**

- 1" (25.4) DIAM. x 0.5" (12.9) PROJECTION
- WROUGHT BRASS
- BLACK RUBBER WITH FUSED PIN AND TAPE BACKING. SECURED BY PIN AND TAPE

**TAPED BACK RUBBER BUMPER**

**S127**

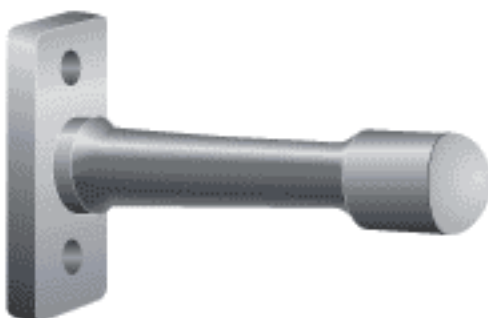
- 1.75" (50.8) DIAM. x 0.937" (23.8) PROJECTION
- GRAY RUBBER

**TAPED BACK RUBBER BUMPER**

**S128**

- 1.5" (31.8) DIAM. x 0.937" (23.8) PROJECTION
- GRAY RUBBER

**S130** HEAVY DUTY BASEBOARD STOP



**S131** HEAVY DUTY BASEBOARD STOP



**HEAVY DUTY BASEBOARD STOPS**

**S129**

- 2.75" (69.85) PROJECTION
- 1.25" (31.75) x 2.25" (57.15) BASE
- SOLID BRASS AND BRONZE CASTING
- STANDARD FINISHES
- SUPPLIED WITH WOOD SCREWS

**S130**

- 3.5" (88.9) PROJECTION
- 1.25" (31.75) x 2.25" (57.15) BASE
- SOLID BRASS AND BRONZE CASTING
- STANDARD FINISHES
- SUPPLIED WITH WOOD SCREWS

**S131**

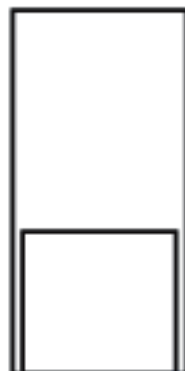
- 3.5" (88.9) PROJECTION x 2.25" (57.15) DIAM.
- SOLID BRASS CASTING
- C3 AND 26D
- SUPPLIED WITH WOOD SCREWS



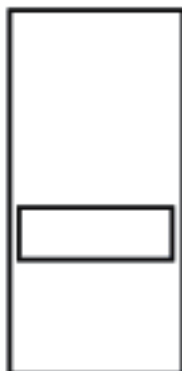
# DOOR PLATES K SERIES

54

ARMOR



STRETCHER



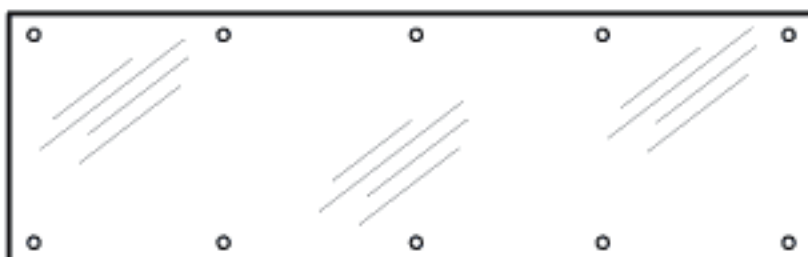
KICK



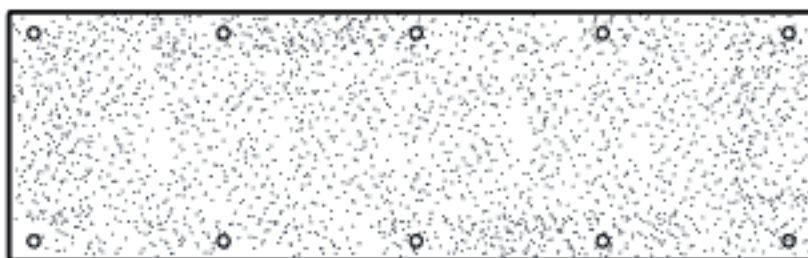
MOP



K08



K09



K10A



K10R



## STANDARD FEATURES:

- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- PROTECTIVE PLASTIC COVER
- COUNTERSUNK SCREW HOLES
- #6 x 0.625" (16) UNDERCUT S.M.S.
- #6 x 0.375" (9.5) MACHINE SCREWS ON REQUEST
- AVAILABLE TAPE OR EPOXY MOUNTING
- BRASS & BRONZE PLATES STOCKED UP TO 24" (609.6) HEIGHT
- ALUMINUM, ACRYLIC, KYDEX & ST. STEEL PLATES, STOCKED UP TO 48" (1219.2) HEIGHT

## CLEAR ACRYLIC PLATE OR PUSHPLATE

K08

- 0.125" (3.18) THICKNESS
- ALL EDGES BEVELLED

## KYDEX ( PVC & ACRYLIC, TEXTURED FINISH ) PLATE OR PUSHPLATE

K09

- 0.060" (1.52) OR 0.090" (2.28) THICKNESS
- ALL EDGES BEVELLED
- TAPE OR EPOXY MOUNTING ( EPOXY RECOMMENDED )
- STOCK COLOURS: BEIGE, BLACK, BLUE, GRAY & WHITE
- OVER 30 COLOURS AVAILABLE

## SOLID METAL PLATES: ALUMINUM, BRASS, BRONZE & STAINLESS STEEL

K10A • 0.050" (1.27) THICKNESS

K10B • 0.062" (1.57) THICKNESS

K10C • 0.125" (3.18) THICKNESS

K10R

- KICK PLATE WITH RADIUS CORNERS

## ECONOMY DOORPLATES

- AVAILABLE IN STAINLESS STEEL ONLY

K10-430

- TYPE 430, LOW GRADE STAINLESS

K10-20

- 20 GAUGE THICKNESS, 0.037" (0.94)





# PUSH PLATES K SERIES

55

K11A



K11F



K11H



K11M



K12



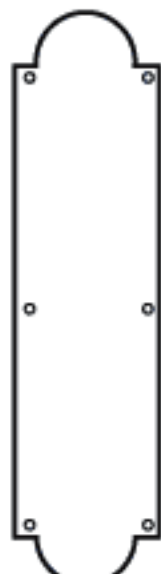
K13



K14



K15



K16



## STANDARD FEATURES:

- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- PROTECTIVE PLASTIC COVER
- COUNTERSUNK SCREW HOLES
- BEVELLED EDGES
- #6 x 0.625" (16) UNDERCUT S.M.S.
- #6 x 0.375" (9.5) MACHINE SCREWS ON REQUEST

## OPTIONS:

- AVAILABLE TAPE OR EPOXY MOUNTING
- CYLINDER CUT-OUT (ADVISE HOLE DIAMETER AND LOCATION)
- ESCUTCHEONS, SPECIFY HOLE DIAMETERS AND LOCATION
- ENGRAVING: PUSH, PULL, MEN, WOMEN, PICTOS, LOGOS AND NUMBERS ARE AVAILABLE IN A VARIETY OF FONTS AND SIZES. SEE PAGE 4 FOR RECOMMENDED POSITION.

## SOLID METAL PUSHPLATES, ALUMINUM, BRASS, BRONZE & STAINLESS STEEL

K11A	• 0.050" (1.27) THICKNESS
K11B	• 0.062" (1.57) THICKNESS
K11C	• 0.125" (3.81) THICKNESS

## STANDARD SIZES:

K11A-1	• 3" x 12" (76.2 x 304.8)
K11A-2	• 3.5" x 15" (88.9 x 381.0)
K11A-3	• 4" x 16" (101.6 x 406.4)
K11A-4	• 4" x 20" (101.6 x 508.0)
K11A-5	• 5" x 15" (127.0 x 381.0)
K11A-6	• 5" x 20" (127.0 x 508.0)

K11F	• PUSH PLATE FEMALE PICTO
K11H	• PUSH PLATE HANDICAP PICTO
K11M	• PUSH PLATE MALE PICTO

K12	• PUSH PLATE RADIUS ENDS
K13	• PUSH PLATE HALF ROUND
K14	• PUSH PLATE RADIUS CORNERS
K15	• PUSH PLATE COLONIAL
K16	• PUSH PLATE 'D' SHAPE





# CAST PUSH PLATES K SERIES

56

K17



2.625" x 15.5" x 0.25" (66.67 x 393.7 x 6.35)

K18

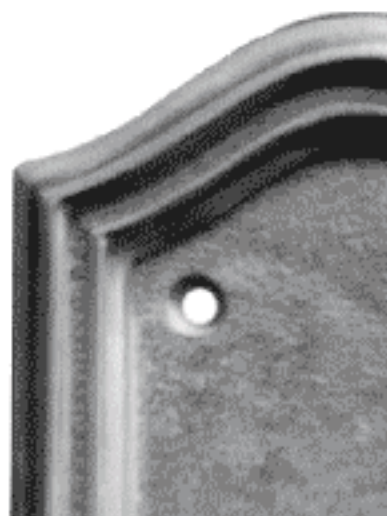


2" x 14" x 0.25" (50.8 x 355.6 x 6.35)

K19



3" x 22.5" x 0.187" (76.2 x 571.5 x 4.76)





K20



2.75" x 13" x 0.125" (69.85 x 330.2 x 3.175)

K21



2.5" x 16" x 0.25" (63.5 x 406.4 x 6.35)

K22



3.75" x 18.25" x 0.25" (95.25 x 463.55 x 6.35)

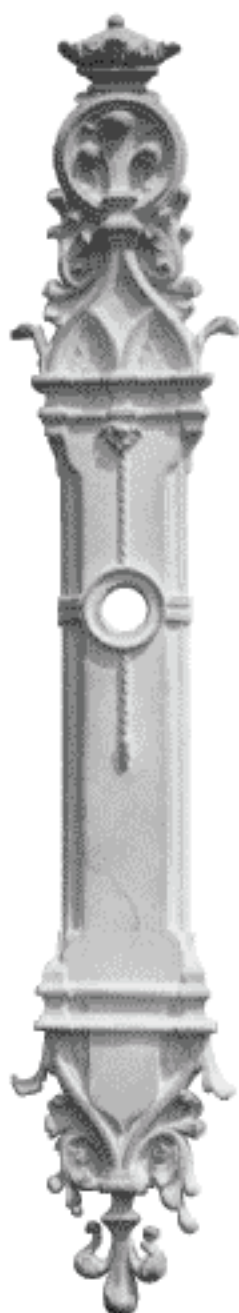




# CAST PUSH PLATES K SERIES

58

K23



1.5" x 17.5" x 0.125" (38.1 x 444.5 x 3.175)

K24



1.5" x 15.125" x 0.125" (38.1 x 384.17 x 3.175)

K25



0.312" □ SPINDLE. 4.5" x 2"

K26



0.312" □ SPINDLE. 4.5" x 2"

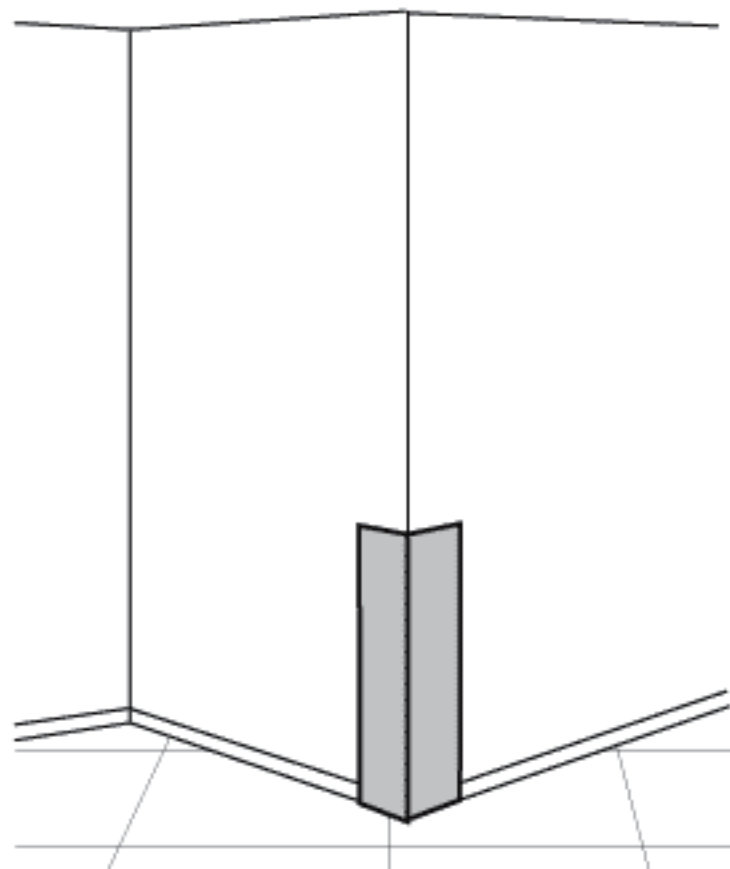
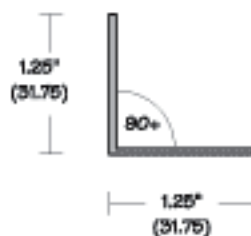
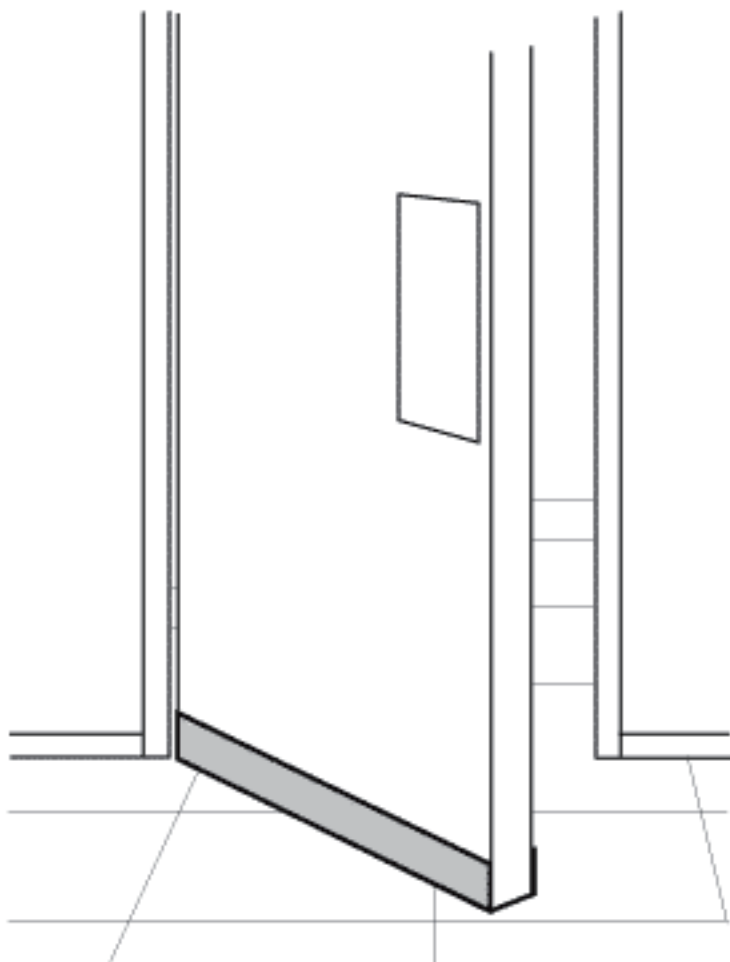
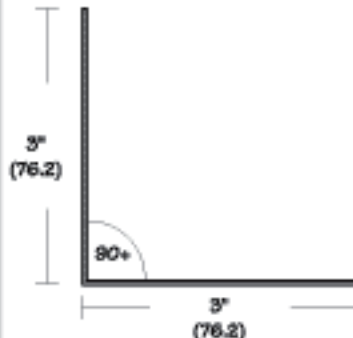
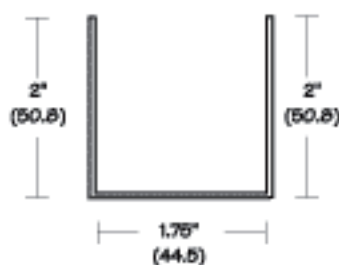
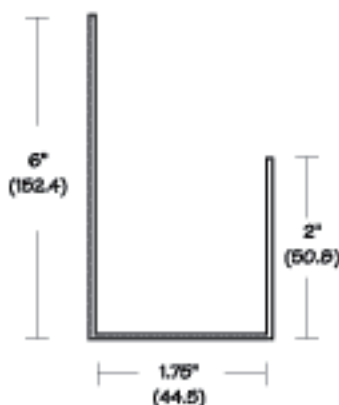


K27



0.312" □ SPINDLE. 4.5" x 2.25"



**K28****K29****K30****K31****CORNER GUARDS:****K28 - K29**

- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- ACRYLIC, KYDEX OR METAL BASE MATERIAL
- SCREW, TAPE OR EPOXY MOUNTING
- EPOXY RECOMMENDED FOR CLEAN FINISH
- STANDARD LENGTH IS 40" (1016.0)
- OTHER LENGTHS AVAILABLE

**U-CHANNELS:****K30 - K31**

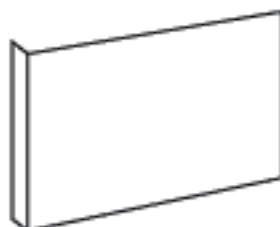
- USED FOR DOOR BOTTOM EXTENDING
- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- AVAILABLE MADE TO ORDER ONLY
- SCREW OR EPOXY MOUNTING
- STANDARD THICKNESS 0.050" (1.27)



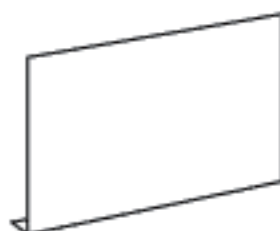
# ANGLE PLATES / ASTRAGALS K SERIES

60

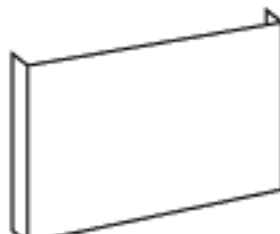
**K32** SIDE ANGLE



**K33** BOTTOM ANGLE



**K34** TWO SIDE ANGLE



**K35**

1.5"  
(38.1)



**K36**

2"  
(50.8)



## ANGLE PLATES:

**K32 - K34**

- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- METAL - 0.050" (1.27) THICKNESS
- KYDEX - 0.062" (1.57) THICKNESS
- ACRYLIC - 0.125" (3.18) THICKNESS
- LOCK AND HINGE CUT - OUTS AVAILABLE

## ASTRAGALS:

**K35 - K36**

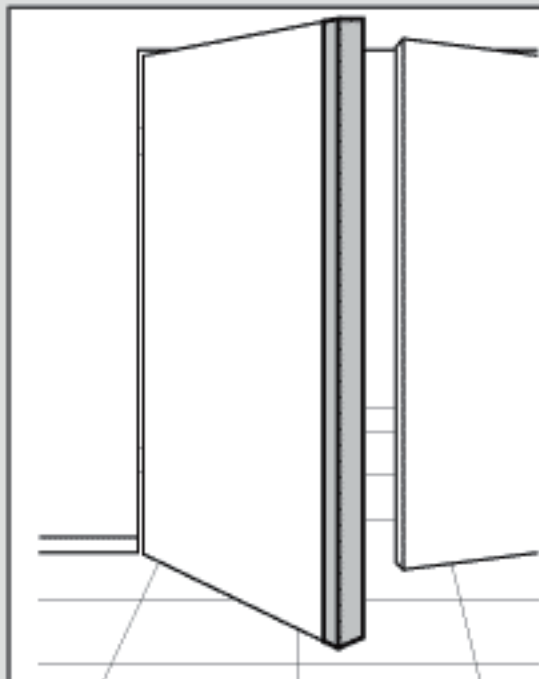
- AVAILABLE IN STEEL, PRIME PAINT
- AVAILABLE IN STAINLESS STEEL
- LENGTHS AS REQUIRED
- THICKNESS - 0.125" (3.18)





# EDGE GUARDS K SERIES

61



## STANDARD FEATURES:

- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- 0.050" (1.27) THICKNESS
- STANDARD LENGTH IS 40" (1016.0)
- UP TO 96" (2438.4) LONG
- HINGE, LATCH AND STRIKE CUT - OUTS ARE AVAILABLE

MORTISE	NON - MORTISE	OVERLAPPING
<b>K37</b> 	<b>K41</b> 	<b>K45</b> 
<b>K38</b> 	<b>K42</b> 	<b>K46</b> 
<b>K39</b> 	<b>K43</b> 	<b>K47</b> 
<b>K40</b> 	<b>K44</b> 	<b>K48</b> 



# STRIKES, BLANKS T SERIES

62

<p><b>T45</b> T-STRIKE BLANK</p>	<p><b>T46</b> T-STRIKE, CFL</p>	<p><b>T47</b> T-STRIKE BLANK, SHORT LIP</p>
<p><b>T48</b> T-STRIKE, CFL, SHORT LIP</p>	<p><b>T49</b> T-STRIKE BLANK, NO LIP</p>	<p><b>T50</b> T-STRIKE, CFL, NO LIP</p>
<p><b>T51</b> ASA STRIKE, BLANK</p>	<p><b>T52</b> ASA STRIKE, CFL</p>	<p><b>T53</b> ASA STRIKE, BLANK, SHORT LIP</p>
<p><b>T54</b> ASA STRIKE, CFL, SHORT LIP</p>	<p><b>T55</b> ASA STRIKE, BLANK, NO LIP</p>	<p><b>T56</b> ASA STRIKE, CFL, NO LIP</p>

## MATERIALS

STEEL  
ALL CURVED LIP, SPECIAL SIZES AVAILABLE.

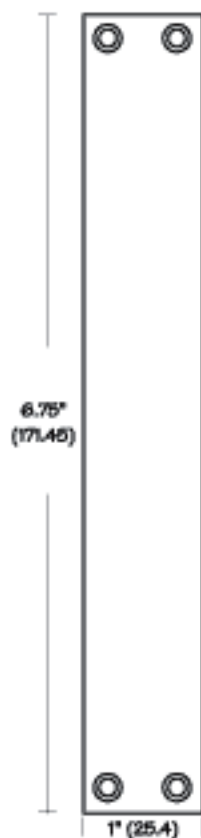
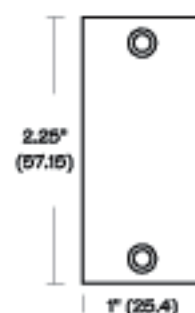
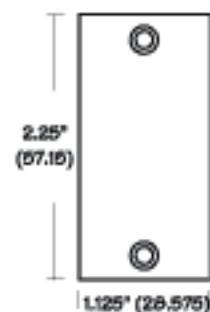
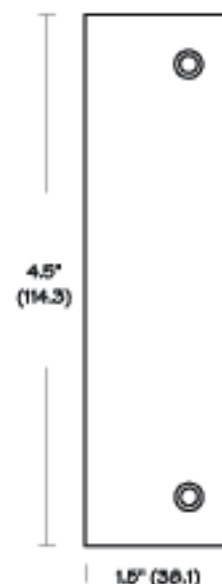
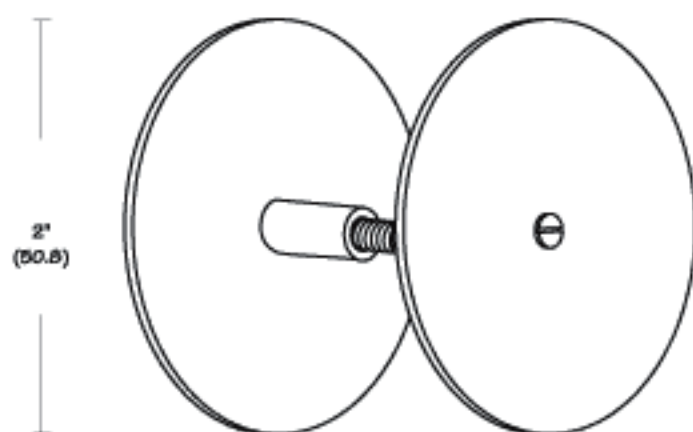
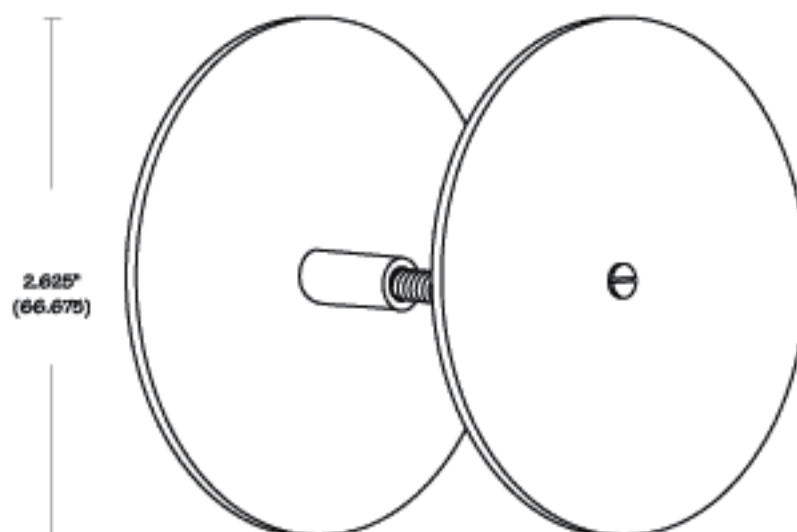
## FINISHES

MOST  
ARCHITECTURAL



# FILLER PLATES, COVERS T SERIES

63

**T57** FLUSH BOLT FILLER**T58** LOCK FACE FILLER**T59** BLANK LATCH FRONT**T60** BLANK LATCH FRONT**T61** HINGE FILLER**T62** DEAD BOLT COVER PLATE FOR 1.25" (31.57) & 1.5" (38.1) HOLES**T63** CUT - OUT COVER FOR 2.125" (53.97) HOLE**MATERIALS**

STEEL

**FINISHES**MOST  
ARCHITECTURAL



# LATCHES, BOLTS F SERIES

64

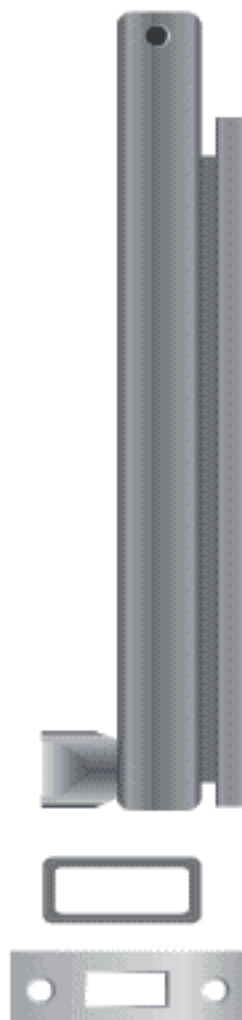
**F65 EXTENSION BOLT**



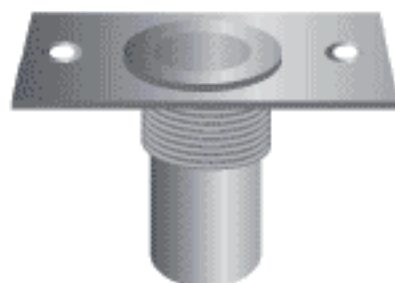
**F66 FLUSH BOLT ADAPTOR**



**F67 HEAVY DUTY SURFACE BOLT**



**F68 DUST PROOF STRIKE**



**F69 SURFACE BOLT**



**F70 SURFACE BOLT**



## EXTENSION FLUSH BOLT

**F65**

- FACE: 1" (25.4) x 6.75" (171.45)
- STRIKES 1" (25.4) x 2.25" (57.15) AND 0.875" (22.22) x 2.25" (57.15)
- STANDARD 12" (304.8) ROD OTHER LENGTHS AVAILABLE
- 0.75" (19.05) THROW
- STANDARD FINISHES

**F65UL**

- UL LISTED FLUSH BOLT

## FLUSH BOLT ADAPTOR

**F66**

- FOR USE ON RABBETED DOORS
- FACE: 0.5" (12.7) x 6.75" (171.45)
- STANDARD FINISHES

## HEAVY DUTY SURFACE BOLT

**F67**

- 8" (203.2) LONG FACE
- STRIKES: 1" (25.4) x 3.375" (85.72) AND 1" (25.4) x 2.25" (57.15)
- UL LISTED
- TOP AND BOTTOM STRIKE INCLUDED
- 1" (25.4) THROW
- STANDARD FINISHES

## DUST PROOF STRIKE

**F68**

- PLATE: 1.375" (34.92) x 2.875" (73.025)
- STRIKE: 2" (50.8) DEEP
- CAN BE USED FOR DOORS WITH OR WITHOUT THRESHHOLDS
- STANDARD FINISHES

## SURFACE BOLT

**F69**

- 4" (101.6) LONG
- STRIKES: 0.75" (19.05) x 1.25" (31.75) AND 0.625" (19.05) x 1.5" (38.1)
- COMPLETE WITH MORTISE & UNIVERSAL STRIKE
- 1" (25.4) THROW
- STANDARD FINISHES

## SURFACE BOLT

**F70**

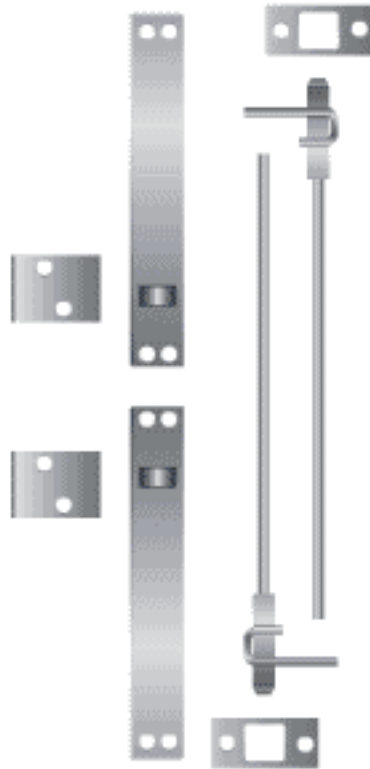
- 6" (127.0) LONG
- STRIKES: 0.75" (19.05) x 1.25" (31.75) AND 0.625" (19.05) x 1.5" (38.1)
- COMPLETE WITH MORTISE & UNIVERSAL STRIKE
- 1" (25.4) THROW
- STANDARD FINISHES



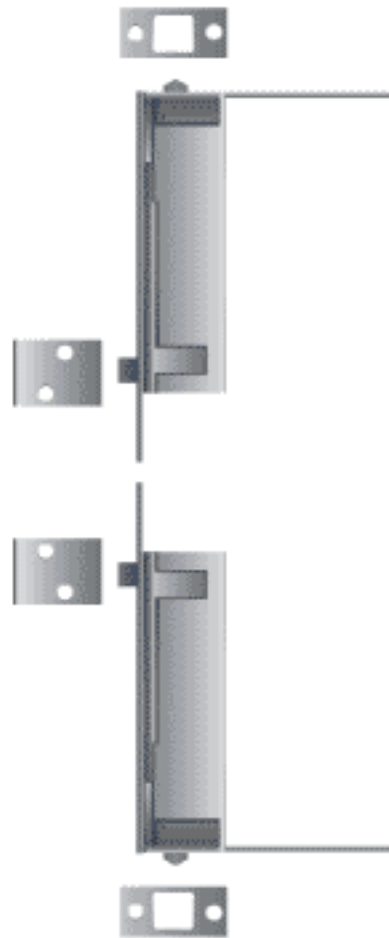
# LATCHES, BOLTS F SERIES

65

**F71 MD** AUTOMATIC FLUSH BOLT



**F72 WD** AUTOMATIC FLUSH BOLT



## AUTOMATIC FLUSH BOLTS

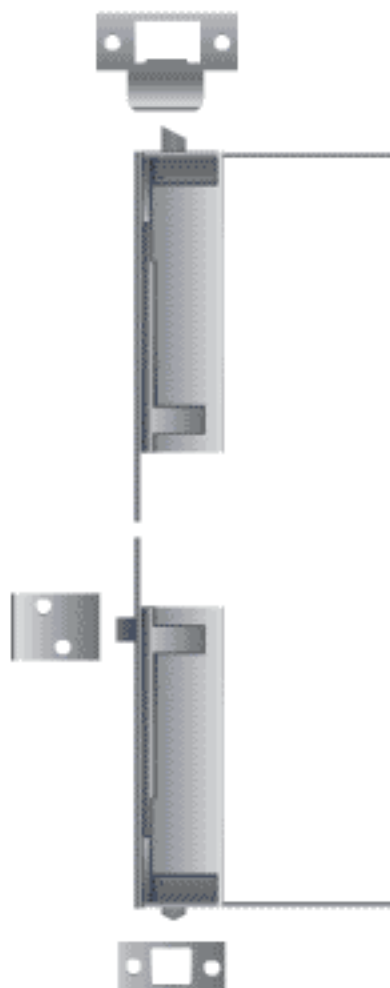
**F71 MD - F72 WD**

- UL LISTED
- NON HANDED CAM
- ONLY 5 LBS. OF FORCE REQUIRED TO DRIVE BOLTS
- OVERRIDE FEATURES PREVENT DAMAGE TO DOORS OR BOLTS SHOULD THE BOLT HEADS BE PREVENTED FROM ENGAGING TOP OR BOTTOM STRIKE
- BOLTS ARE ADJUSTABLE FOR UNUSUAL CLEARANCE
- AUTO THERMAL LOCK IS TRIGGERED UNDER HIGH HEAT CONDITIONS
- SOLD IN PAIRS
- STANDARD FINISHES

**F73 MD** COMBINATION FLUSH BOLT



**F74 WD** COMBINATION FLUSH BOLT



## COMBINATION FLUSH BOLT

UL LISTED

- F73 MD - F74 WD** BOLT ON BOTTOM OF DOOR, SELF LATCHING BOLT AT TOP OF DOOR
- ACTIVE DOOR BOTTOM BOLT OPENS
  - AUTOMATICALLY WHEN DOOR IS OPENED, INACTIVE DOOR STAYS LATCHED AT TOP UNTIL
  - PLUNGER IS DEPRESSED ON BOLT FACE TOP BOLT LOCKS EACH TIME INACTIVE DOOR IS CLOSED
  - SOLD IN PAIRS
  - STANDARD FINISHES

•  
•

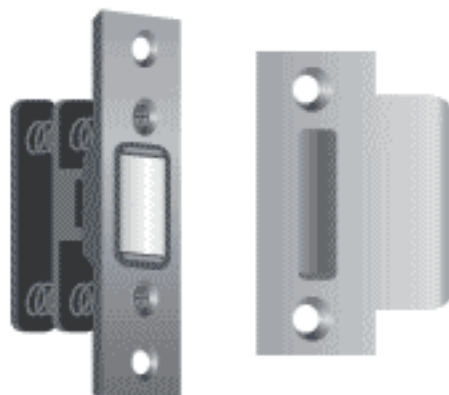




# LATCHES, BOLTS F SERIES

66

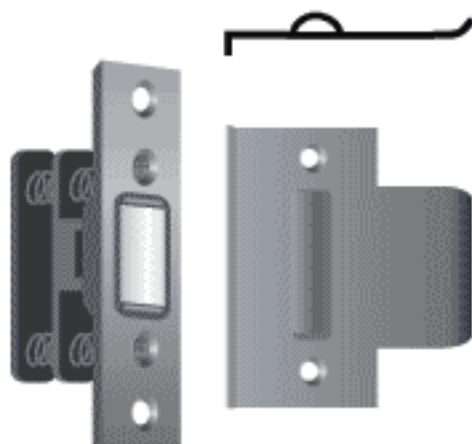
**F75** HEAVY DUTY ROLLER LATCH



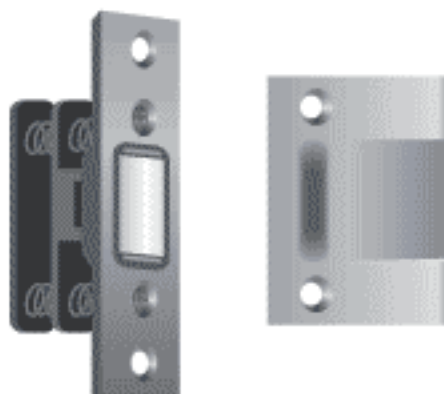
**F76** HEAVY DUTY ROLLER LATCH



**F77** HEAVY DUTY ROLLER LATCH



**F78** HEAVY DUTY ROLLER LATCH



**F79** HEAVY DUTY ROLLER LATCH



## HEAVY DUTY ROLLER LATCH

- FULLY ADJUSTABLE ROLLER FOR VARIOUS DOOR CLEARANCE
- STANDARD NYLON ROLLER
- OPTIONAL STAINLESS STEEL ROLLER
- MATERIAL: CAST BRASS
- FINISHES: ALL STANDARD

## HEAVY DUTY ROLLER LATCH

**F75**

- ROLLER LATCH: 3.75" (95.25) x 1" (25.4)
- STRIKE: 2.75" (69.85) x 1.125" (28.57)

## HEAVY DUTY ROLLER LATCH

**F76**

- ROLLER LATCH: 3.75" (95.25) x 1" (25.4)
- STRIKE: 4.875" (123.825) x 1.25" (31.75)

## HEAVY DUTY ROLLER LATCH

**F77**

- ROLLER LATCH: 3.75" (95.25) x 1" (25.4)
- STRIKE: 2.75" (69.85) x 1.5" (38.1)

## HEAVY DUTY ROLLER LATCH

**F78**

- ROLLER LATCH: 3.75" (95.25) x 1" (25.4)
- STRIKE: 2.25" (57.15) x 1.75" (44.45)

## HEAVY DUTY ROLLER LATCH

**F79**

- ROLLER LATCH: 4.5" (114.3) x 1.5" (38.1)
- STRIKE: 2.25" (57.15) x 1.125" (28.57)



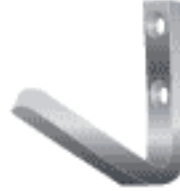
# COAT HOOKS P SERIES

67

**P140** HAT AND COAT HOOK



**P141** COAT HOOK



**HAT AND COAT HOOK**

**P140**

- 4.5" (114.3) HEIGHT
- 3.5" (88.9) PROJECTION
- MATERIAL: 0.25" (6.35) x 0.5" (12.7) ALUMINUM, BRASS, BRONZE, ST. STEEL
- FINISH: ALL STANDARD

**COAT HOOK**

**P141**

- 2.5" (63.5) HEIGHT
- 1.875" (47.625) PROJECTION
- MATERIAL: 0.25" (6.35) x 0.5" (12.7) ALUMINUM, BRASS, BRONZE, ST. STEEL
- FINISH: ALL STANDARD

**P142** HAT AND COAT HOOK



**P143** HAT AND COAT HOOK



**HAT AND COAT HOOK**

**P142**

- 4.75" (120.65) HEIGHT
- 3.625" (92.07) PROJECTION
- MATERIAL: ZINC DIE CAST
- FINISH: BRASS OR CHROME PLATED

**COAT HOOK**

**P143**

- 3.625" (92.07) HEIGHT
- 2.375" (60.325) PROJECTION
- MATERIAL: ZINC DIE CAST
- FINISH: BRASS OR CHROME PLATED

**P144** CONCEALED COAT HOOK



**P145** EXPOSED COAT HOOK



**CONCEALED COAT HOOK**

**P144**

- 3" (76.2) HEIGHT
- 3.125" (79.37) PROJECTION
- MATERIAL: 0.75" (19.05) x 0.25" (6.35) ALUMINUM, BRASS, BRONZE, ST. STEEL
- FINISH: ALL STANDARD

**EXPOSED COAT HOOK**

**P145**

- 3" (76.2) HEIGHT
- 3.125" (79.37) PROJECTION
- MATERIAL: 0.75" (19.05) x 0.25" (6.35) ALUMINUM, BRASS, BRONZE, ST. STEEL
- FINISH: ALL STANDARD

**P146** HAT AND COAT HOOK



**P147** COAT HOOK



**HAT AND COAT HOOK**

**P146**

- 5.5" (139.7) HEIGHT
- 2.75" (69.85) PROJECTION
- MATERIAL: ALUMINUM, BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD

**COAT HOOK**

**P147**

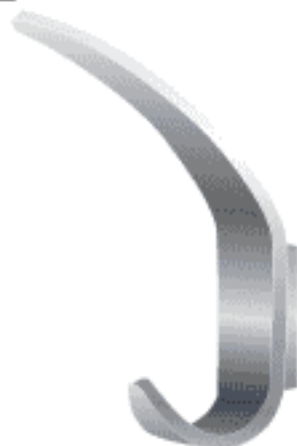
- 3" (76.2) HEIGHT
- 2" (50.8) PROJECTION
- MATERIAL: ALUMINUM, BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD



# COAT HOOKS P SERIES

68

**P148** CONCEALED HAT AND COAT HOOK



**P149** CONCEALED COAT HOOK



**P150** HAT AND COAT HOOK



**P151** COAT HOOK



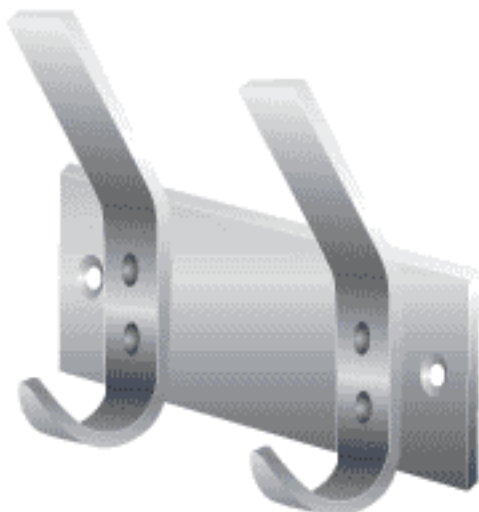
**P152** COAT HOOK



**P153** DOUBLE COAT HOOK



**P154** STRIP COAT HOOK



## CONCEALED HAT AND COAT HOOK

**P148**

- 5.5" (139.7) HEIGHT
- 3.25" (82.9) PROJECTION
- MATERIAL: ALUMINUM, BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD

## CONCEALED COAT HOOK

**P149**

- 3" (76.2) HEIGHT
- 2.25" (57.15) PROJECTION
- MATERIAL: ALUMINUM, BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD

## HAT AND COAT HOOK

**P150**

- 3.75" (93.98) HEIGHT
- 2.75" (69.85) PROJECTION
- MATERIAL: 0.25" (6.35) x 0.5" (12.7)
- ALUMINUM, BRASS, BRONZE, ST. STEEL
- FINISH: ALL STANDARD

## COAT HOOK

**P151**

- 2" (50.8) HEIGHT
- 1.75" (44.45) PROJECTION
- MATERIAL: 0.25" (6.35) x 0.5" (12.7)
- ALUMINUM, BRASS, BRONZE, ST. STEEL
- FINISH: ALL STANDARD

## COAT HOOK

**P152**

- 2" (50.8) DIAM. BASE
- 1.75" (44.45) PROJECTION
- MATERIAL: BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD

## DOUBLE COAT HOOK

**P153**

- 2" (50.8) DIAM. BASE
- 1.75" (44.45) PROJECTION
- MATERIAL: BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD

## STRIP COAT HOOK

**P154**

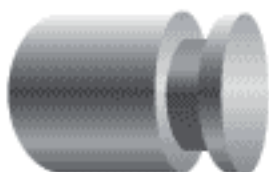
- 2.25" (57.15) PROJECTION
- 6" (152.4) HEIGHT
- AVAILABLE UP TO 10 HOOKS PER STRIP
- MATERIAL: ALUMINUM
- FINISH: ALL STANDARD



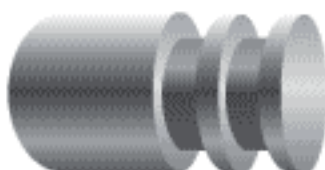
# COAT HOOKS P SERIES

69

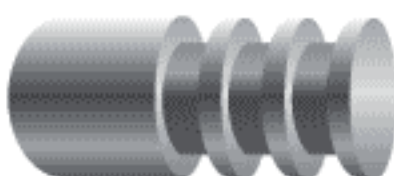
P155



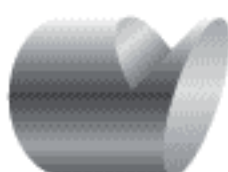
P156



P157



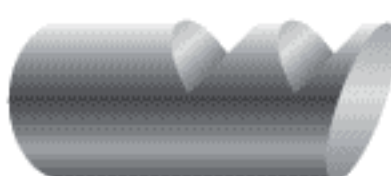
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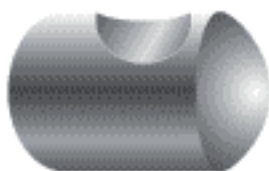
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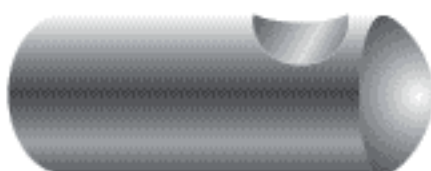
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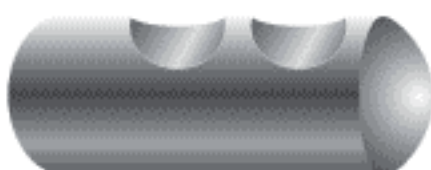
P161



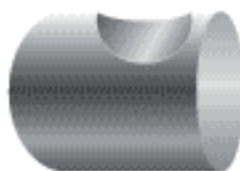
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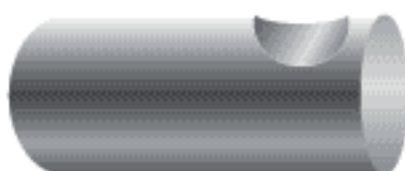
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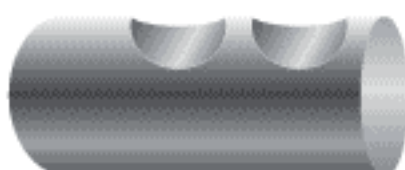
P164



P165



P166



## COAT HOOKS

P155

- 1" (25.4) DIAM. x 1.5" (38.1) LONG

P156

- 1" (25.4) DIAM. x 2.25" (57.15) LONG

P157

- 1" (25.4) DIAM. x 3" (76.2) LONG

- ALL:
- MATERIAL: ALUMINUM, BRASS, BRONZE
- FINISH: ALL STANDARD

## COAT HOOKS

P158

- 1" (25.4) DIAM. x 1.5" (38.1) LONG

P159

- 1" (25.4) DIAM. x 2.5" (63.55) LONG

P160

- 1" (25.4) DIAM. x 2.5" (63.5) LONG

- ALL:
- MATERIAL: ALUMINUM, BRASS, BRONZE
- FINISH: ALL STANDARD

## COAT HOOKS

P161

- 1" (25.4) DIAM. x 1.5" (38.1) LONG

P162

- 1" (25.4) DIAM. x 2.5" (63.55) LONG

P163

- 1" (25.4) DIAM. x 2.5" (63.5) LONG

- ALL:
- MATERIAL: ALUMINUM, BRASS, BRONZE
- FINISH: ALL STANDARD

## COAT HOOKS

P164

- 1" (25.4) DIAM. x 1.5" (38.1) LONG

P165

- 1" (25.4) DIAM. x 2.5" (63.55) LONG

P166

- 1" (25.4) DIAM. x 2.5" (63.5) LONG

- ALL:
- MATERIAL: ALUMINUM, BRASS, BRONZE
- FINISH: ALL STANDARD





# HAND RAIL SUPPORT J SERIES

70

J190

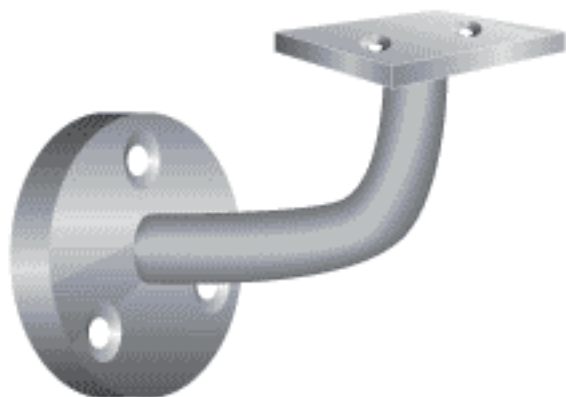


## HAND RAIL BRACKET

J190

- 3" (76.2) PROJECTION x 2" (50.8) DIAM. BASE
- CAST ALUMINUM, BRASS, BRONZE
- ALL STANDARD FINISHES
- CONCEALED OR SURFACE MOUNTING

J191

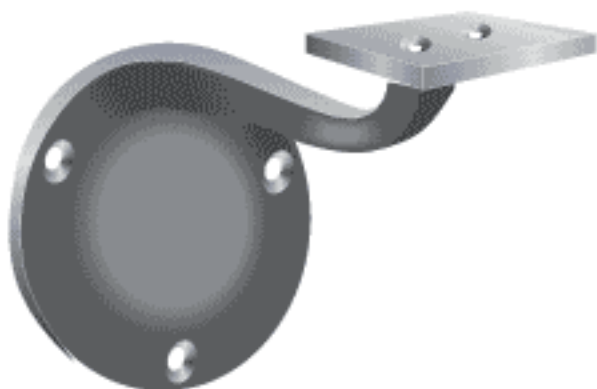


## HAND RAIL BRACKET

J191

- 4.5" (114.3) PROJECTION x 2.5" (63.66) DIAM.
- BASE
- SOLID STAINLESS STEEL
- C32 OR C32D
- SURFACE MOUNTING

J192

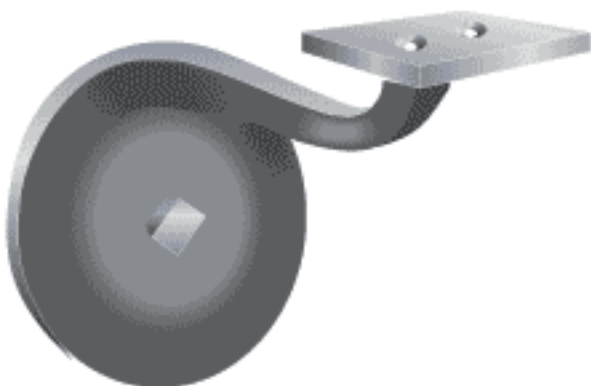


## HAND RAIL BRACKET

J192

- 3.375" (85.72) PROJECTION x 3" (76.2) DIAM.
- BASE
- CAST ALUMINUM, BRASS, BRONZE
- ALL STANDARD FINISHES
- SURFACE MOUNTING

J193



## RAIL BRACKET

C164

- 3.375" (85.72) PROJECTION x 3" (76.2) DIAM.
- BASE
- CAST ALUMINUM, BRASS, BRONZE
- ALL STANDARD FINISHES
- LAG BOLT AND SHIELD MOUNTING





# CABINETS PULLS & KNOBS M SERIES

71

M85A  
M85B  
M85C  
M85D



M86



M87A  
M87B



M88



M89



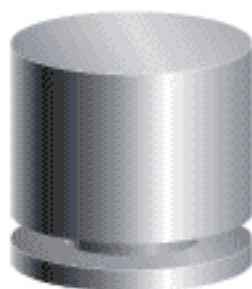
M90



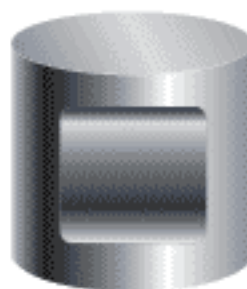
M91



M92A  
M92B



M93A  
M93B



## CABINET PULLS

M85A • 3.5" (88.9) C.C.

M85B • 4" (101.6) C.C.

M85C • 5" (127.0) C.C.

M85D • 6" (152.4) C.C.

• MATERIAL: ALUMINUM, BRASS, ST. STEEL  
0.312" (7.92) DIAMETER

• FINISH: ALL STANDARD

M86

• 3" (76.2) + 4" (101.6) C.C.

• MATERIAL: ZINC DIE CAST

• FINISH: ALL STANDARD

M87A • 3.5" (88.9) C.C.

M87B • 4" (101.6) C.C.

• MATERIAL: ZINC DIE CAST  
0.25" (6.35) x 0.5" (12.7)

• FINISH: ALL STANDARD

M88

• BACKPLATE FOR M85-M87

• 1" (25.4) WIDE + C.C. OF PULL + 1" (25.4)

• MATERIAL: ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

• FINISH: ALL STANDARD

M89

• 1.625" (41.275) x 4" (101.6)

• MATERIAL: ALUMINUM, BRASS, BRONZE,  
STAINLESS STEEL

• FINISH: ALL STANDARD

## CABINET KNOBS

M90

• 1.25" (31.75) DIAM. x 1.625" (41.275) HEIGHT

• MATERIAL: ZINC DIE CAST

• FINISH: ALL STANDARD

M91

• 1.25" (31.75) DIAM. x 1.625" (41.275) HEIGHT

• MATERIAL: ZINC DIE CAST

• FINISH: C3 AND C26D

M92A

• 1" (25.4) DIAM. x 1" (25.4) HEIGHT

M92B

• 1.25" (31.75) DIAM. x  
1.25" (31.75) HEIGHT

• MATERIAL: ALUMINUM, BRASS, BRONZE  
FINISH: ALL STANDARD

M93A

• 1" (25.4) DIAM. x 1" (25.4) HEIGHT

M93B

• 1.25" (31.75) DIAM. x  
1.25" (31.75) HEIGHT

• MATERIAL: ALUMINUM, BRASS, BRONZE  
FINISH: ALL STANDARD



# CLOSET RODS & FLANGES R SERIES

72

R80 1" CLOSET ROD



R81 1.25" CLOSET ROD



R82 ROD SUPPORT



## 1" CLOSET ROD

R80

- SIZE: 1" (25.4) O.D. x 0.049" (1.25)
- MATERIALS: BRASS, STAINLESS STEEL, STEEL
- FINISH: C3, C26, C32

## 1.25" CLOSET ROD

R81

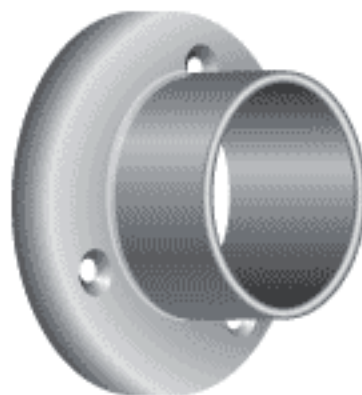
- SIZE: 1.25" (31.75) x 0.049" (1.25)
- MATERIALS: BRASS, STAINLESS STEEL, STEEL
- FINISH: C3, C26, C32

## ROD SUPPORT

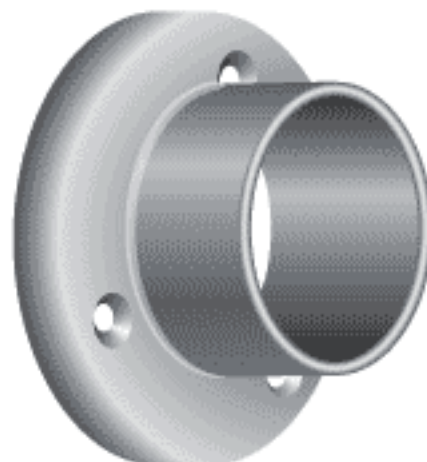
R82

- SIZE: 2.5" (63.5) HEIGHT
- MATERIAL: STEEL
- FINISH: C3, C26

R83 1" FLANGE



R84 1.25" FLANGE



## 1" FLANGE:

R83

- SIZE: 1" (25.4) I.D.
- MATERIALS: ZINC DIE CAST
- FINISH: C3, C15, C26

## 1.25" FLANGE:

R84

- SIZE: 1.25" (31.75)
- MATERIALS: ZINC DIE CAST
- FINISH: C3, C15, C26



# GRAB BARS G SERIES



73

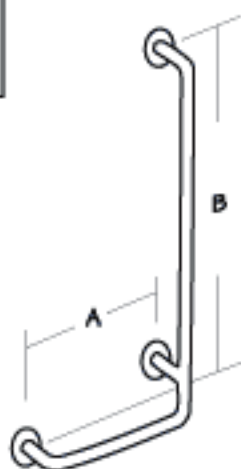
## G200 - G207 STRAIGHT BAR



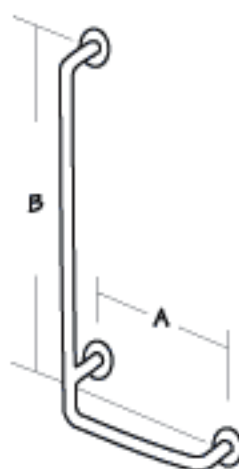
## STRAIGHT BAR

G200	12" (305)
G201	16" (406)
G202	18" (457)
G203	24" (610)
G204	30" (762)
G205	32" (813)
G206	36" (914)
G207	48" (1219)

## G208 G210 G212



## G209 G211 G213

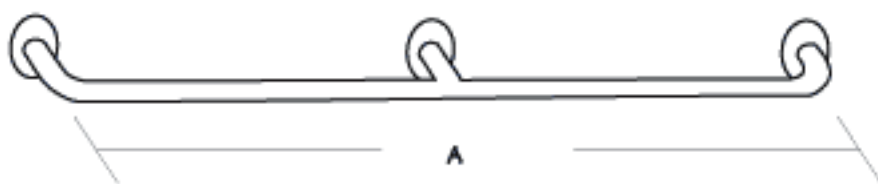


## 90° BAR A B

G208	16" (406)	x	32" (813)
G210	16" (406)	x	24" (610)
G212	24" (610)	x	36" (914)

G209	16" (406)	x	32" (813)
G211	16" (406)	x	24" (610)
G213	24" (610)	x	36" (914)

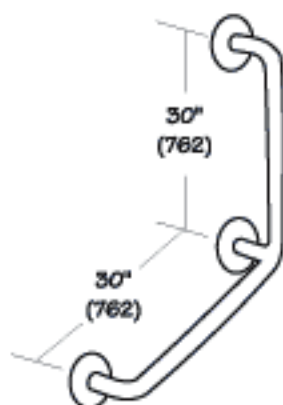
## G214 - G217 STRAIGHT BAR WITH CENTRE SUPPORT



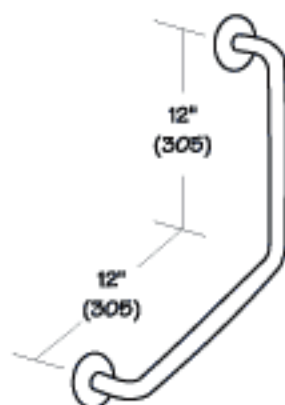
## STRAIGHT BAR WITH CENTRE SUPPORT

G214	24" (610)
G215	30" (762)
G216	36" (914)
G217	48" (1219)

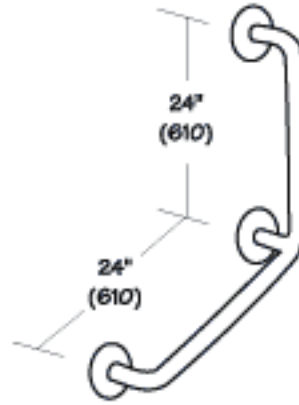
## G218 90° BAR



## G219 120° BAR



## G220 120° BAR



G218	30" (762) x 30" (762), 90°
G219	12" (304.8) x 12" (304.8), 120°
G220	24" (609.6) x 24" (609.6), 120°

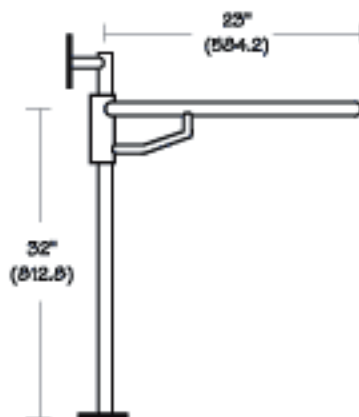


# GRAB BARS G SERIES

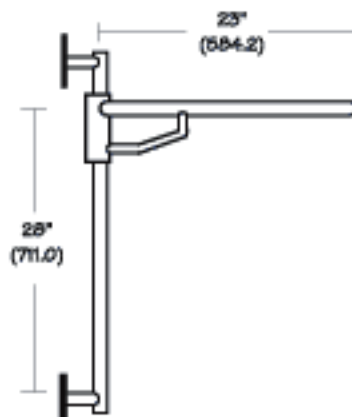


74

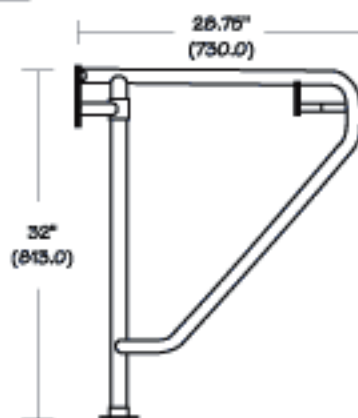
**G221** SWING AWAY GRAB BAR



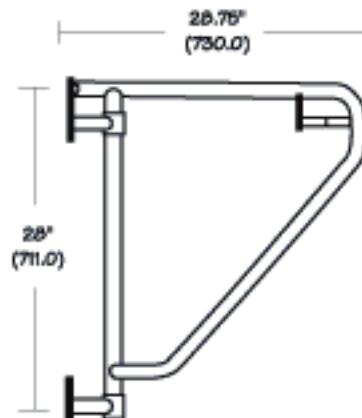
**G222** SWING AWAY GRAB BAR



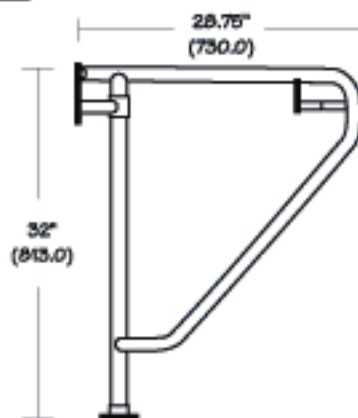
**G223** SWING AWAY GRAB BAR



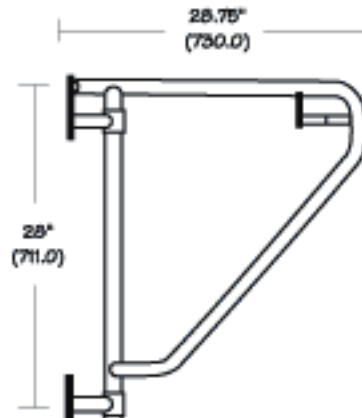
**G224** SWING AWAY GRAB BAR



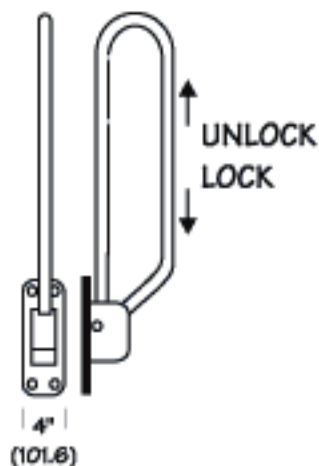
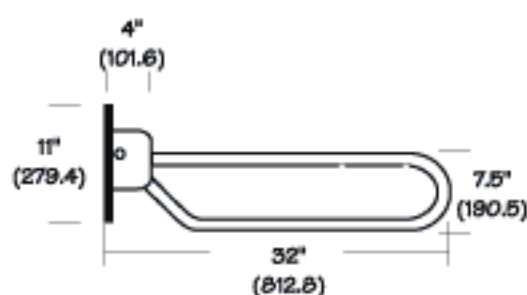
**G225** SWING AWAY GRAB BAR



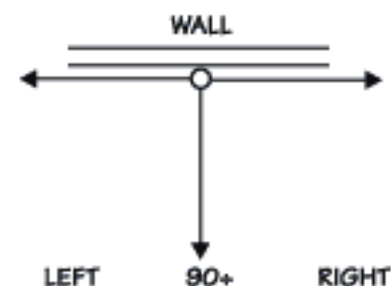
**G226** SWING AWAY GRAB BAR



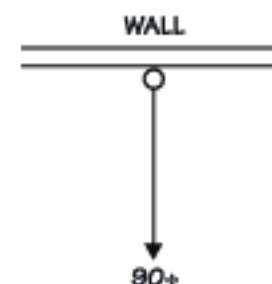
**G227** LIFT-UP GRAB BAR



LOCKING POSITION

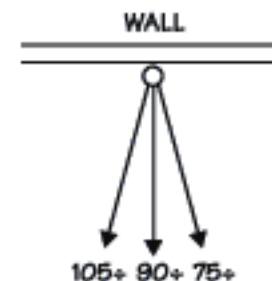


LOCKING POSITION



ALL DIMENSIONS CAN BE MODIFIED  
AS PER CUSTOMER SPECIFICATIONS

LOCKING POSITION



ALL DIMENSIONS CAN BE MODIFIED  
AS PER CUSTOMER SPECIFICATIONS

TWO POSITION GRAB BAR:  
HORIZONTAL AND VERTICAL

ALUMINUM CAST, POWDER COATED WHITE

## MATERIALS

G221 - G222 - MILD STEEL  
G223 - G227 - 1.25" (31.75) DIA. STAINLESS STEEL TUBING

## FINISHES

G221-G222 - C-26  
G223-G227 - C-32D



# GRAB BARS G SERIES

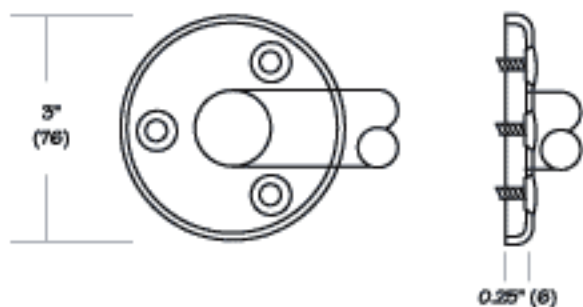


75

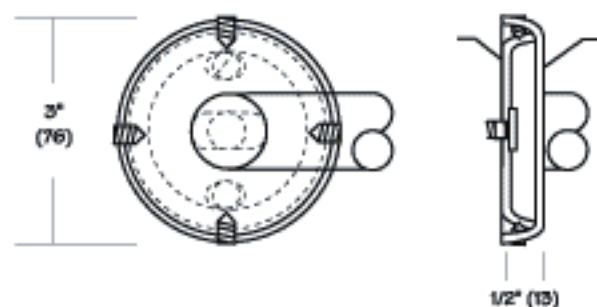
## STAINLESS STEEL GRAB BARS

Bars are fabricated from 1 1/4" O.D. Stainless Steel tubing with minimum wall thickness of .049 inches. Flanges are constructed of 11 gauge Stainless Steel. All bars are heliarc welded for maximum strength.

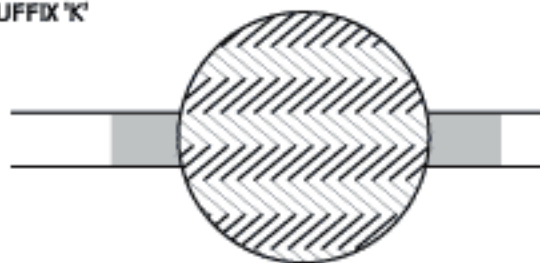
### EXPOSED MOUNTING



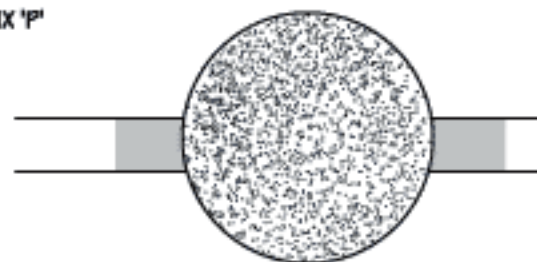
### CONCEALED MOUNTING



### TEXTURED SAFETY FINISHES KNURLED SUFFIX 'K'



### PEENED SUFFIX 'P'



### STANDOFF



### PRODUCT CODES:

#### EXPOSED MOUNTING:

STAINLESS STEEL SERIES - 50

#### CONCEALED MOUNTING:

STAINLESS STEEL SERIES - 60

KNURLING - SUFFIX 'K'

PEENED - SUFFIX 'P'

SMOOTH - SUFFIX 'O'

### EXAMPLES:

24" STRAIGHT STAINLESS STEEL BAR,  
EXPOSED AND PEENED:  
G203-50-P

48" STRAIGHT STAINLESS STEEL BAR,  
CONCEALED AND PLAIN:  
G207-60-O