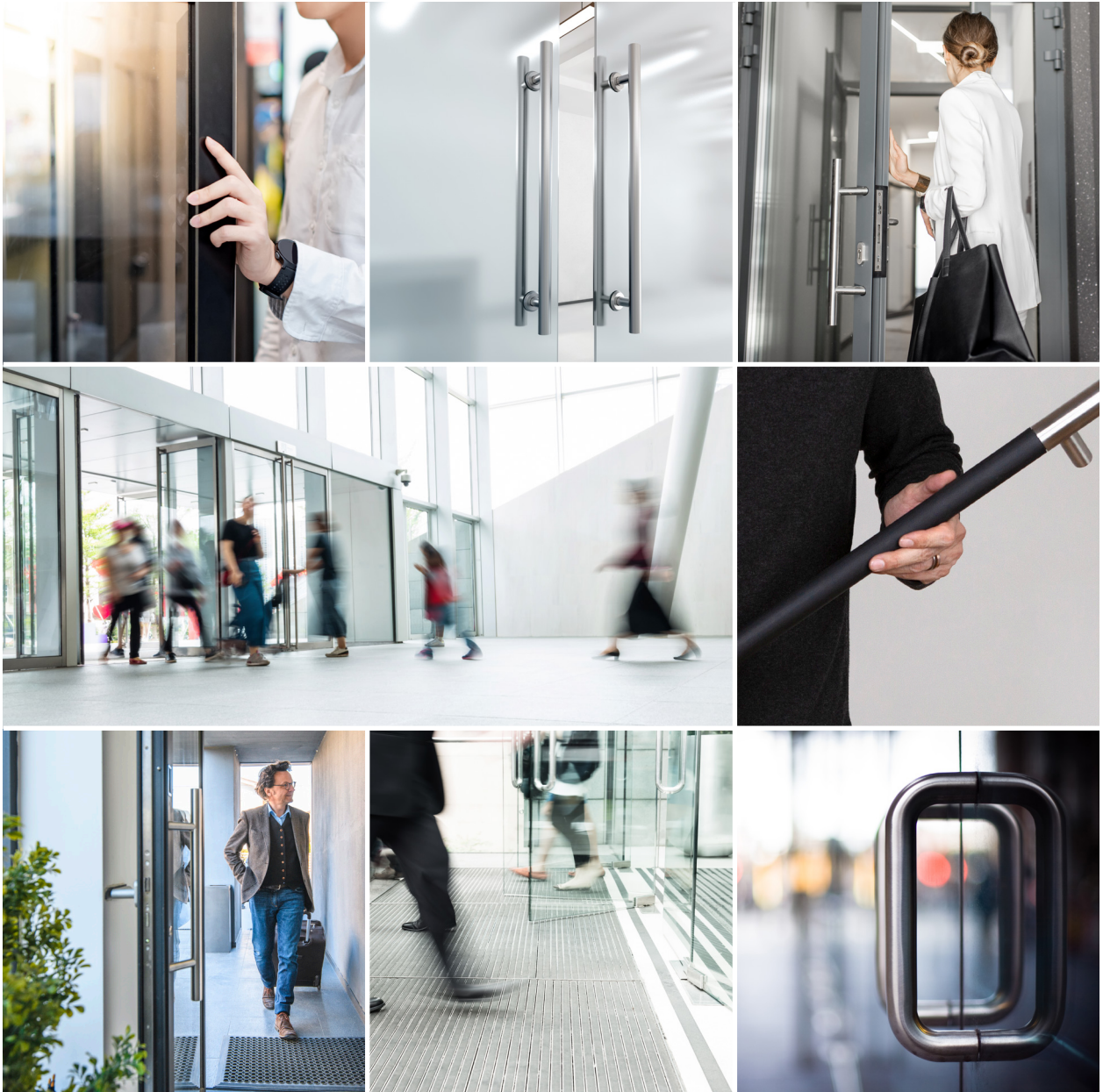




STANDARD METAL
H A R D W A R E



2020 CATALOGUE

SMHARDWARE.COM | SALES@SMHARDWARE.COM



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



NUMERICAL INDEX

2007	pg. 5	3009	pg. 6	9307	pg. 12	D352	pg. 28	G207	pg. 73	K11A-4	pg. 55	P153	pg. 68
2007-2	pg. 5	3009-2	pg. 6	9309	pg. 12	D353	pg. 28	G208	pg. 73	K11A-5	pg. 55	P154	pg. 68
2007-3	pg. 5	3009-3	pg. 6	9312	pg. 12	D354	pg. 28	G209	pg. 73	K11A-6	pg. 55	P155	pg. 69
2009	pg. 5	3012	pg. 6	9405	pg. 12	D355	pg. 29	G210	pg. 73	K12	pg. 55	P156	pg. 69
2009-2	pg. 5	3012-2	pg. 6	9405B	pg. 12	D356	pg. 29	G211	pg. 73	K13	pg. 55	P157	pg. 69
2009-3	pg. 5	3012-3	pg. 7	9407	pg. 12	D357	pg. 29	G212	pg. 73	K14	pg. 55	P158	pg. 69
2012	pg. 5	3015	pg. 7	9407B	pg. 12	D358	pg. 29	G213	pg. 73	K15	pg. 55	P159	pg. 69
2012-2	pg. 5	3015-2	pg. 7	9409	pg. 12	D359	pg. 30	G214	pg. 73	K16	pg. 55	P160	pg. 69
2012-3	pg. 5	3015-3	pg. 7	9409B	pg. 12	D360	pg. 30	G215	pg. 73	K17	pg. 56	P161	pg. 69
2015	pg. 5	3109	pg. 7	9412	pg. 12	D361	pg. 30	G216	pg. 73	K18	pg. 56	P162	pg. 69
2015-2	pg. 5	3109-2	pg. 7	9412B	pg. 12	D362	pg. 31	G217	pg. 73	K19	pg. 56	P163	pg. 69
2015-3	pg. 5	3112	pg. 7	9505	pg. 12	D363	pg. 31	G218	pg. 73	K20	pg. 57	P164	pg. 69
2107	pg. 5	3112-2	pg. 7	9505B	pg. 12	D364	pg. 31	G219	pg. 73	K21	pg. 57	P165	pg. 69
2107-2	pg. 5	3115	pg. 7	9507	pg. 12	D365	pg. 31	G220	pg. 73	K22	pg. 57	P166	pg. 69
2109	pg. 5	3115-2	pg. 7	9507B	pg. 12	D366	pg. 32	G221	pg. 74	K23	pg. 58	R80	pg. 72
2109-2	pg. 5	3209	pg. 7	9509	pg. 12	D367	pg. 32	G222	pg. 74	K24	pg. 58	R81	pg. 72
2112	pg. 5	3209-2	pg. 7	9509B	pg. 12	D368	pg. 32	G223	pg. 74	K25	pg. 58	R82	pg. 72
2112-2	pg. 5	3212	pg. 7	9512	pg. 12	D369	pg. 32	G224	pg. 74	K26	pg. 58	R83	pg. 72
2115	pg. 5	3212-2	pg. 7	9512B	pg. 12	D370	pg. 33	G225	pg. 74	K27	pg. 58	R84	pg. 72
2115-2	pg. 5	3215	pg. 7	B300	pg. 13	D371	pg. 33	G226	pg. 74	K28	pg. 59	S100	pg. 49
2207	pg. 5	3215-2	pg. 7	B301	pg. 13	D372	pg. 33	G227	pg. 74	K29	pg. 59	S101	pg. 49
2207-2	pg. 5	3309	pg. 8	B302	pg. 13	D373	pg. 34	H400	pg. 42	K30	pg. 59	S102	pg. 49
2209	pg. 5	3309-2	pg. 8	B303	pg. 13	D374	pg. 34	H401	pg. 42	K31	pg. 59	S103	pg. 49
2209-2	pg. 5	3312	pg. 8	B304	pg. 14	D375	pg. 34	H402	pg. 43	K32	pg. 60	S104	pg. 49
2212	pg. 5	3312-2	pg. 8	B305	pg. 14	D376	pg. 35	H403	pg. 43	K33	pg. 60	S105	pg. 49
2212-2	pg. 5	3315	pg. 8	B306	pg. 14	D377	pg. 35	H404	pg. 43	K34	pg. 60	S106	pg. 49
2215	pg. 5	3315-2	pg. 8	B3071	pg. 15	D378	pg. 35	H405	pg. 43	K35	pg. 60	S107	pg. 50
2215-2	pg. 5	3409	pg. 8	B308	pg. 15	D379	pg. 35	H406	pg. 43	K36	pg. 60	S108	pg. 50
2307	pg. 6	3409B	pg. 8	B309	pg. 15	D380	pg. 36	H407	pg. 44	K37	pg. 61	S109	pg. 50
2307-2	pg. 6	3409-2	pg. 8	B310	pg. 15	D381	pg. 36	H108	pg. 44	K38	pg. 61	S110	pg. 50
2309	pg. 6	3409B-2	pg. 8	B311	pg. 16	D382	pg. 36	H409	pg. 44	K39	pg. 61	S111	pg. 50
2309-2	pg. 6	3412	pg. 8	B312	pg. 16	D383	pg. 37	H410	pg. 44	K40	pg. 61	S112	pg. 50
2312	pg. 6	3412B	pg. 8	B313	pg. 16	D384	pg. 37	H411	pg. 44	K41	pg. 61	S113	pg. 51
2312-2	pg. 6	3412-2	pg. 8	B314	pg. 16	D385	pg. 37	H412	pg. 44	K42	pg. 61	S114	pg. 51
2315	pg. 6	3412B-2	pg. 8	B315	pg. 17	D386	pg. 38	H413	pg. 45	K43	pg. 61	S115	pg. 51
2315-2	pg. 6	3415	pg. 8	B316	pg. 17	D387	pg. 38	H414	pg. 45	K44	pg. 61	S116	pg. 51
2407	pg. 6	3415B	pg. 8	B317	pg. 17	D388	pg. 38	H415	pg. 45	K45	pg. 61	S120	pg. 52
2407B	pg. 6	3415-2	pg. 8	C320	pg. 18	D389	pg. 39	H416	pg. 45	K46	pg. 61	S121	pg. 52
2407-2	pg. 6	3415B-2	pg. 8	C321	pg. 18	D390	pg. 39	H417	pg. 46	K47	pg. 61	S122	pg. 52
2407B-2	pg. 6	3509	pg. 8	C322	pg. 18	D391	pg. 39	H118	pg. 46	K48	pg. 61	S123	pg. 52
2409	pg. 6	3509B	pg. 8	C323	pg. 18	D392	pg. 40	H419	pg. 46	M85A	pg. 71	S124	pg. 53
2409B	pg. 6	3509-2	pg. 8	C324	pg. 19	D393	pg. 40	H420	pg. 47	M85B	pg. 71	S125	pg. 53
2409-2	pg. 6	3509B-2	pg. 8	C325	pg. 19	D394	pg. 40	H421	pg. 47	M85C	pg. 71	S126	pg. 53
2409B-2	pg. 6	3512	pg. 8	C326	pg. 19	D395	pg. 41	H422	pg. 47	M85D	pg. 71	S127	pg. 53
2412	pg. 6	3512B	pg. 8	C327	pg. 20	D396	pg. 41	H423	pg. 48	M86	pg. 71	S128	pg. 53
2412B	pg. 6	3512-2	pg. 8	C328	pg. 20	D397	pg. 41	H424	pg. 48	M87A	pg. 71	S129	pg. 53
2412-2	pg. 6	3512B-2	pg. 8	C329	pg. 21	F65	pg. 64	H425	pg. 48	M87B	pg. 71	S130	pg. 53
2412B-2	pg. 6	3515	pg. 8	C330	pg. 21	F66	pg. 64	J190	pg. 70	M88	pg. 71	S131	pg. 53
2415	pg. 6	3515B	pg. 8	C331	pg. 22	F67	pg. 64	J191	pg. 70	M89	pg. 71	T45	pg. 62
2415B	pg. 6	3515-2	pg. 8	C332	pg. 22	F68	pg. 64	J192	pg. 70	M90	pg. 71	T46	pg. 62
2415-2	pg. 6	3515B-2	pg. 8	C333	pg. 22	F69	pg. 64	J193	pg. 70	M91	pg. 71	T47	pg. 62
2415B-2	pg. 6	6000	pg. 9	C334	pg. 23	F70	pg. 64	K08	pg. 54	M92A	pg. 71	T48	pg. 62
2507	pg. 6	6100	pg. 9	C335	pg. 23	F71MD	pg. 65	K09	pg. 54	M92B	pg. 71	T49	pg. 62
2507B	pg. 6	6200	pg. 10	C336	pg. 23	F72WD	pg. 65	K10A	pg. 54	M93A	pg. 71	T50	pg. 62
2507-2	pg. 6	6300	pg. 10	C337	pg. 23	F73MD	pg. 65	K10B	pg. 54	M93B	pg. 71	T51	pg. 62
2507B-2	pg. 6	9005	pg. 11	C338	pg. 24	F74WD	pg. 65	K10C	pg. 54	P140	pg. 67	T52	pg. 62
2509	pg. 6	9007	pg. 11	C339	pg. 24	F75	pg. 66	K10R	pg. 54	P141	pg. 67	T53	pg. 62
2509B	pg. 6	9009	pg. 11	C340	pg. 25	F76	pg. 66	K10-20	pg. 54	P142	pg. 67	T54	pg. 62
2509-2	pg. 6	9012	pg. 11	C341	pg. 25	F77	pg. 66	K10-430	pg. 54	P143	pg. 67	T55	pg. 62
2509B-2	pg. 6	9105	pg. 11	C342	pg. 25	F78	pg. 66	K11A	pg. 55	P144	pg. 67	T56	pg. 63
2512	pg. 6	9107	pg. 11	C343	pg. 26	F79	pg. 66	K11B	pg. 55	P145	pg. 67	T57	pg. 63
2512B	pg. 6	9109	pg. 11	C344	pg. 26	G200	pg. 73	K11C	pg. 55	P146	pg. 67	T58	pg. 63
2512-2	pg. 6	9112	pg. 11	C345	pg. 26	G201	pg. 73	K11F	pg. 55	P147	pg. 67	T59	pg. 63
2512B-2	pg. 6	9205	pg. 11	D347	pg. 27	G202	pg. 73	K11H	pg. 55	P148	pg. 68	T60	pg. 63
2515	pg. 6	9207	pg. 11	D348	pg. 27	G203	pg. 73	K11M	pg. 55	P149	pg. 68	T61	pg. 63
2515B	pg. 6	9209	pg. 11	D349	pg. 27	G204	pg. 73	K11A-1	pg. 55	P150	pg. 68	T62	pg. 63
2515-2	pg. 6	9212	pg. 11	D350	pg. 27	G205	pg. 73	K11A-2	pg. 55	P151	pg. 68	T63	pg. 63
2515B-2	pg. 6	9305	pg. 12	D351	pg. 28	G206	pg. 73	K11A-3	pg. 55	P152	pg. 68		



FINISHES / DECIMAL EQUIVALENT

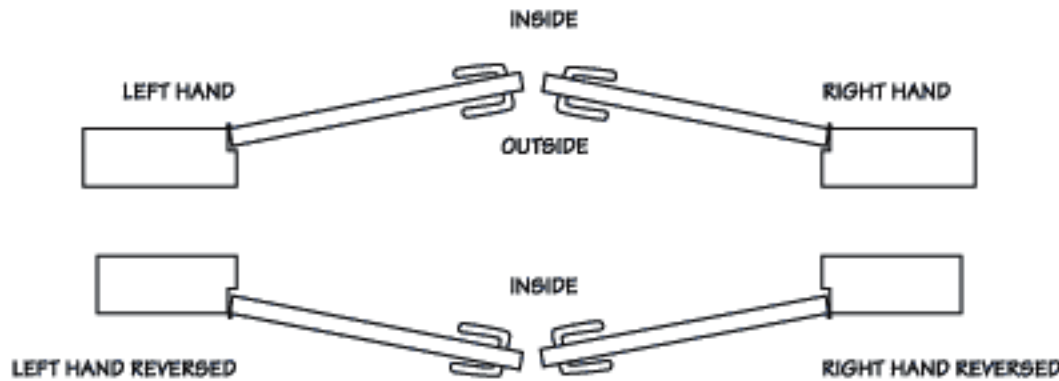
STANDARD N.B.H.A. CODE	BHMA CODE	BASE MATERIAL AND DESCRIPTION
P	600	Steel, primed for painting
2C	602	Steel, cadmium plated
2G	603	Steel, zinc plated bright
3	605	Bright, brass, clear lacquered
3A		Bright brass, no lacquer
4	606	Satin brass, clear lacquered
5	609	Satin brass, oxidized and relieved (Antiqued)
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	METRIC MILIMETER	DECIMAL	FRACTION	METRIC 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



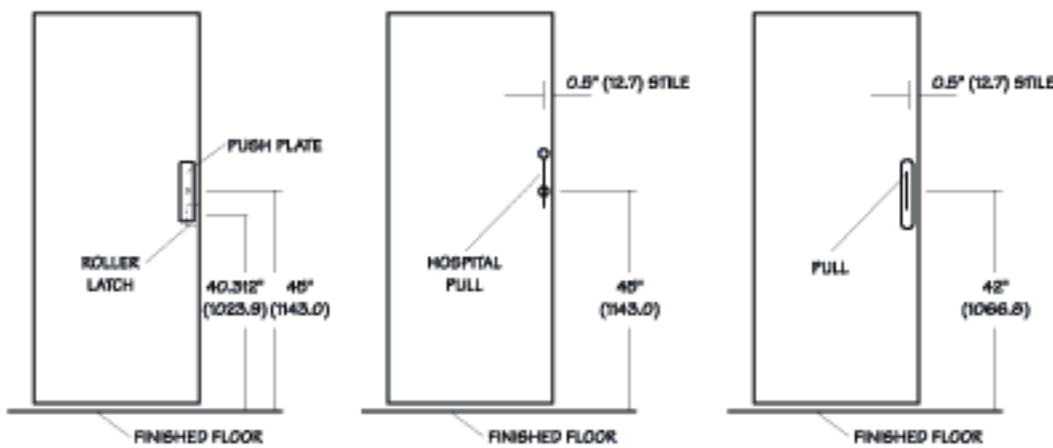
GENERAL INFORMATION / MOUNTING

4

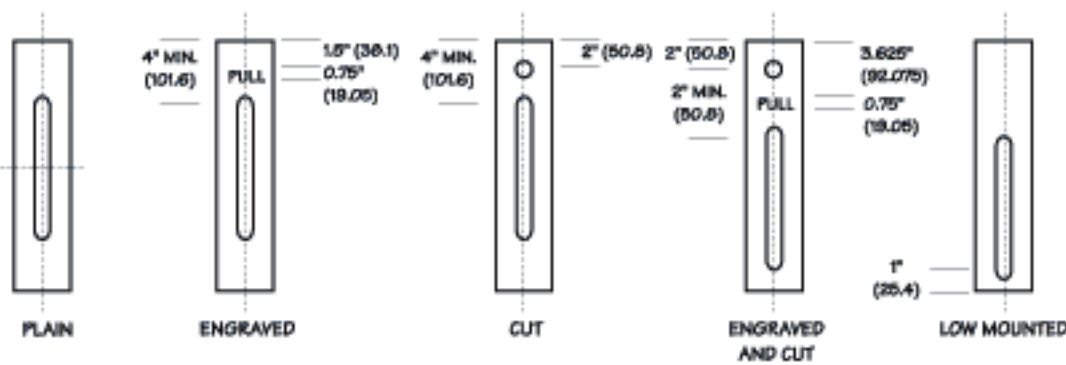


DOOR HANDS DETERMINED FROM OUTSIDE

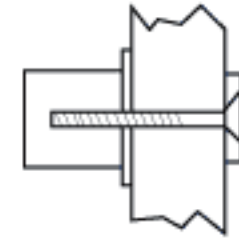
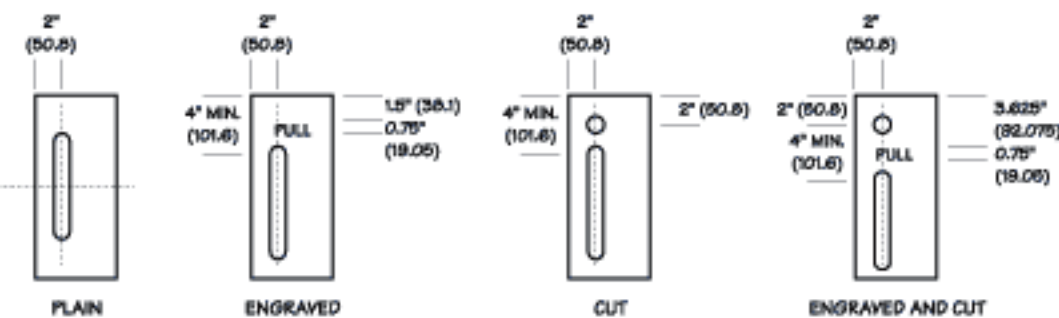
RECOMMENDED LOCATION ON DOOR



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

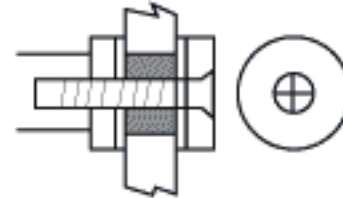


PULL POSITION ON PLATES WIDER THAN 4" (101.6)



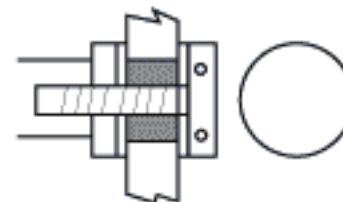
#2 MTG

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



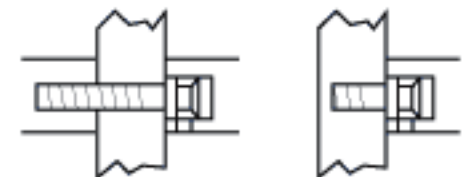
#4A MTG

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

2007
2009
2012
2015



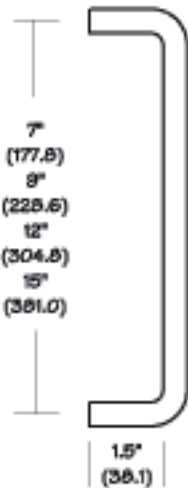
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2115



2207
2209
2212
2215

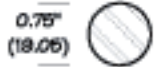


COMMERCIAL DOOR PULL



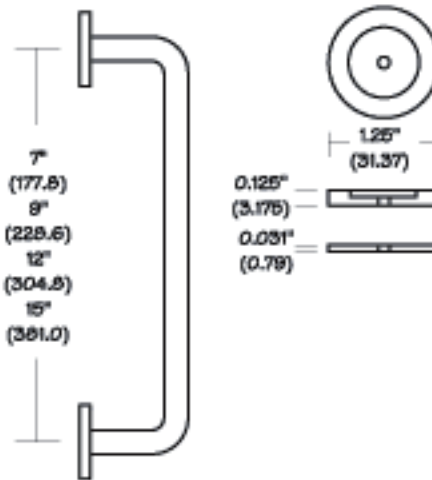
7"
(177.8)
8"
(228.6)
12"
(304.8)
15"
(381.0)

1.5"
(38.1)

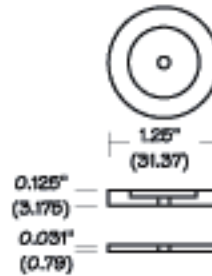


0.75"
(19.05)

WITH GLASS DOOR ROSETTES



7"
(177.8)
8"
(228.6)
12"
(304.8)
15"
(381.0)

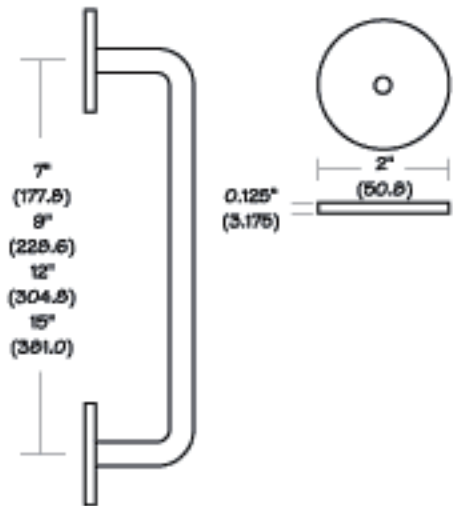


1.25"
(31.37)
0.125"
(3.175)
0.031"
(0.79)

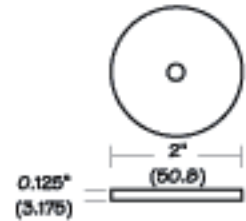


0.75"
(19.05)

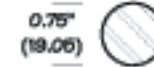
WITH 2" ROSETTES






7"
(177.8)
8"
(228.6)
12"
(304.8)
15"
(381.0)



2"
(50.8)
0.125"
(3.175)



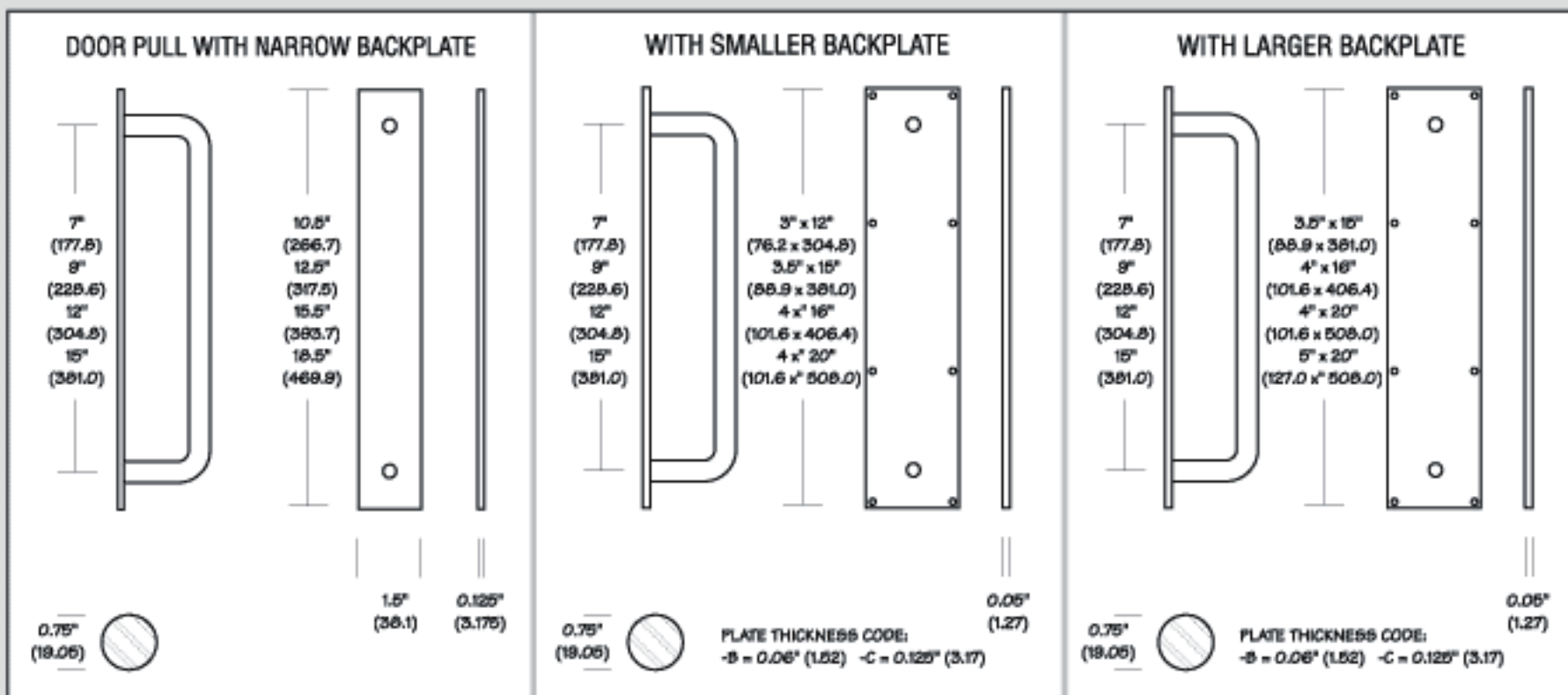
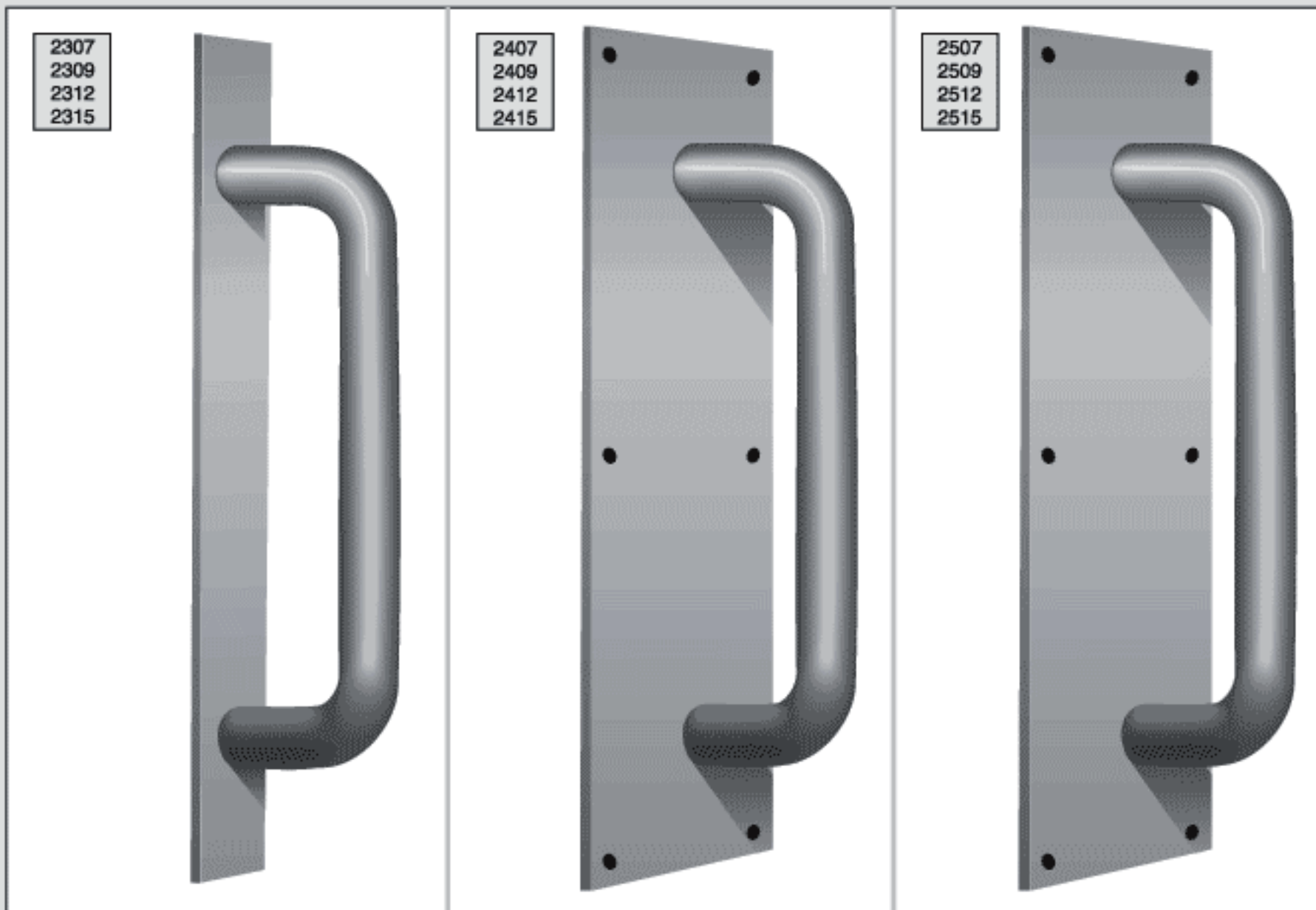
0.75"
(19.05)

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



DIAMETER CODE	FINISHES	HOW TO ORDER
-2 = 1" -3 = 1.25" -4 = 1.5"	ALL STANDARD	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

3009
3012
3015



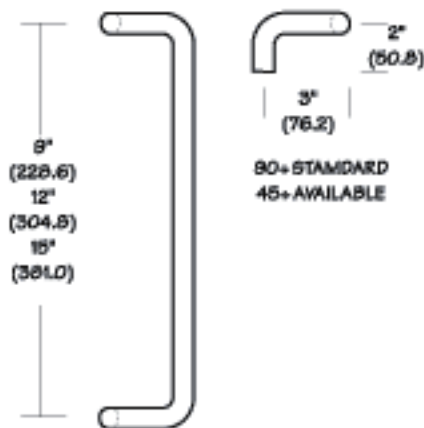
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3112
3115



3209
3212
3215

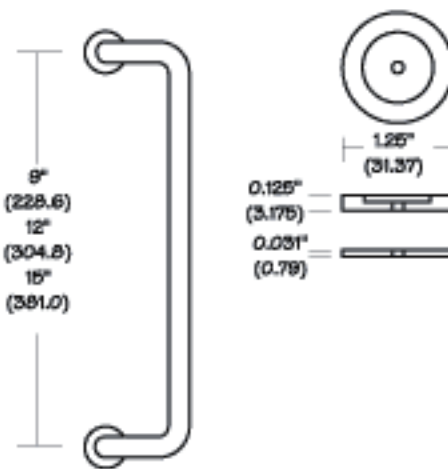


OFFSET COMMERCIAL DOOR PULL



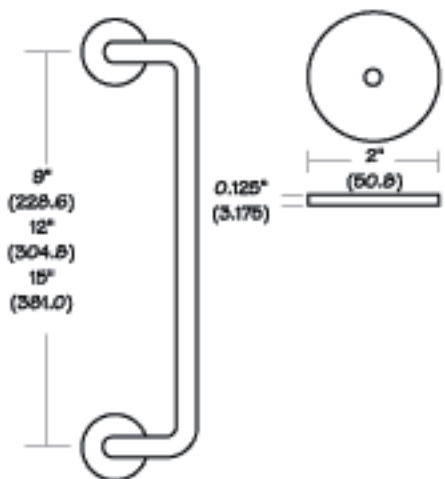
0.75"
(19.05)

WITH GLASS DOOR ROSETTES



0.75"
(19.05)

WITH 2" ROSETTES



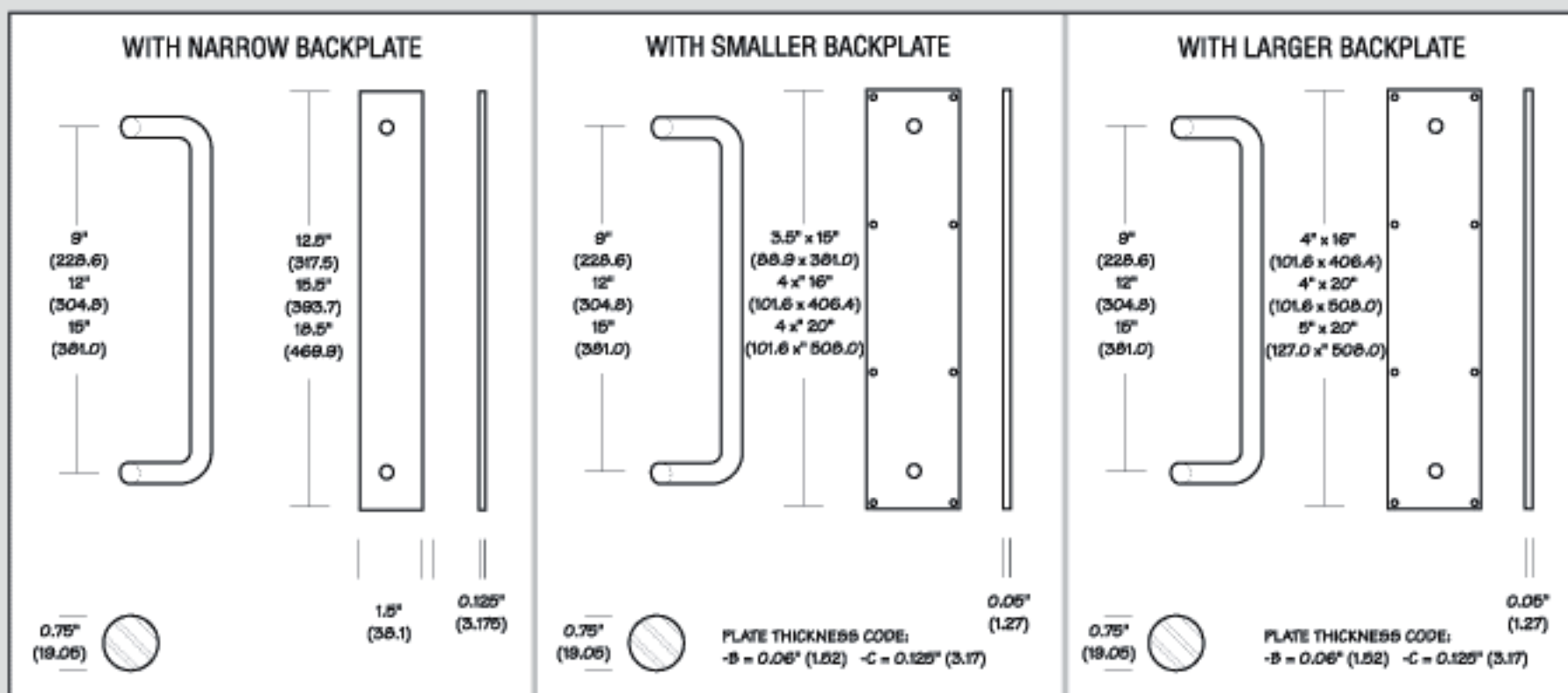
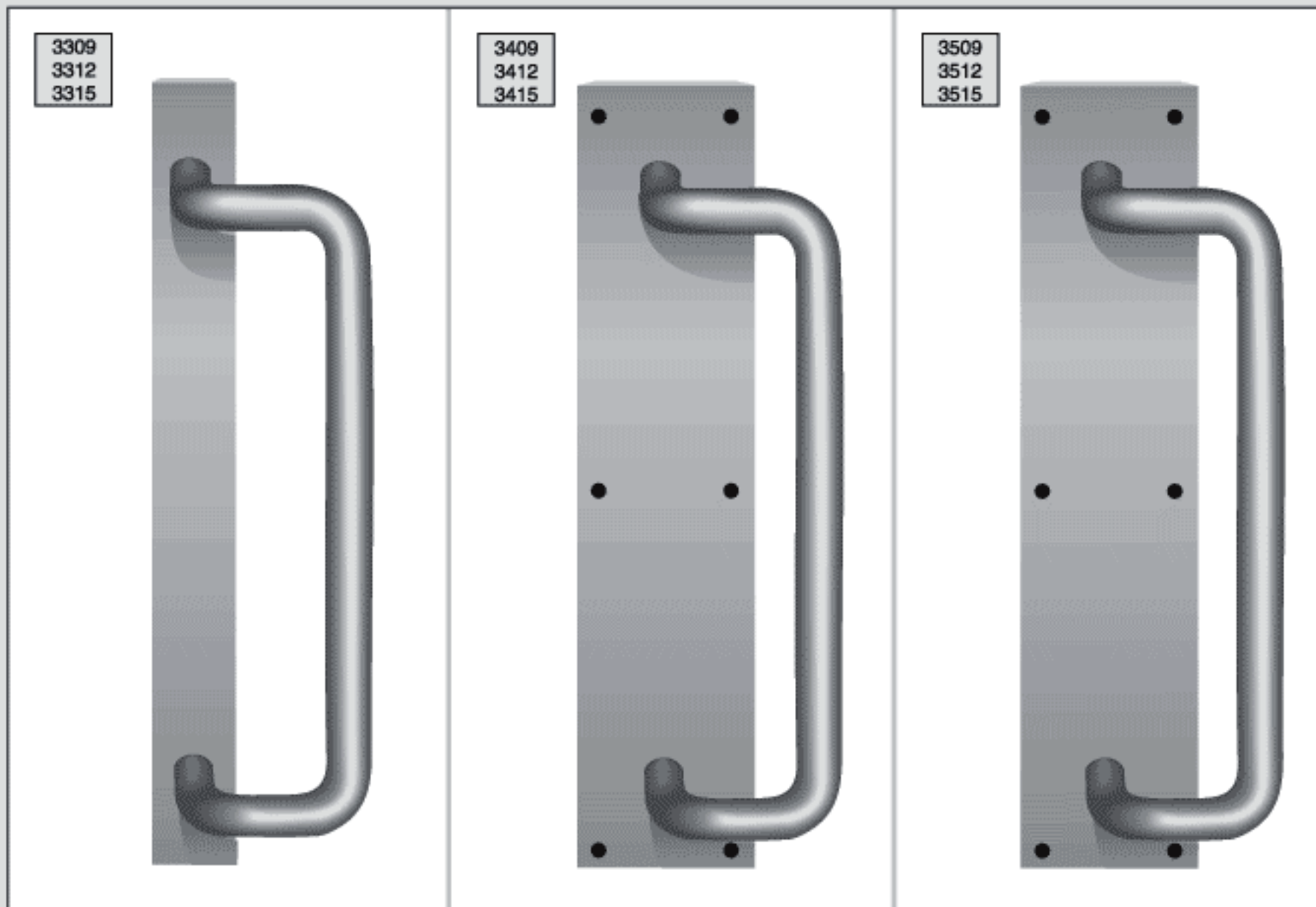
0.75"
(19.05)

DIAMETER CODE	FINISHES	HOW TO ORDER
-2 = 1" -3 = 1.25" -4 = 1.5"	ALL STANDARD	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



DIAMETER CODE	FINISHES	HOW TO ORDER
-2 = 1" -3 = 1.25" -4 = 1.5"	ALL STANDARD	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



PUSH BARS 6000 SERIES

6000



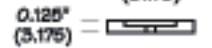
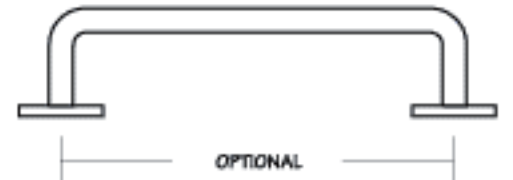
HORIZONTAL PUSH BAR



6100



WITH GLASS DOOR ROSETTES



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



DOOR HANDING REQUIRED WITH ENGRAVING

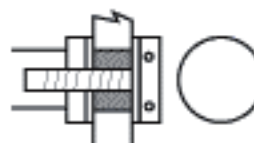
#2 MTG

THRU BOLT MTG.
WITH GROMMET
WASHER



#4B MTG

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



#5 MTG

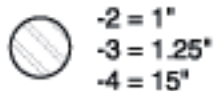
BACK TO BACK
CONCEALED MTG.
FOR COMMON ENDS.
SINGLE CONCEALED
MTG AVAILABLE



DIAMETER CODE

FINISHES

HOW TO ORDER



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.



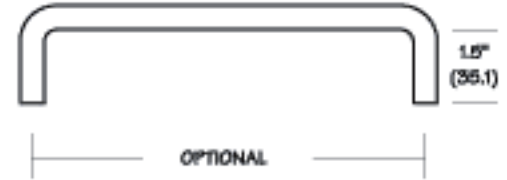
PUSH BARS 6000 SERIES

10

6200



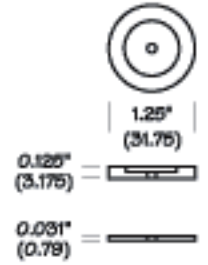
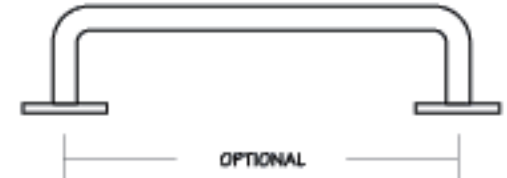
DOUBLE HORIZONTAL PUSH BAR



6300



WITH GLASS DOOR ROSETTES



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



DOOR HANDING REQUIRED WITH ENGRAVING

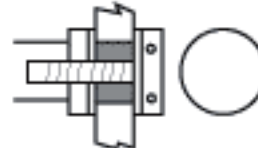
#2 MTG

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

9005
9007
9009
9012



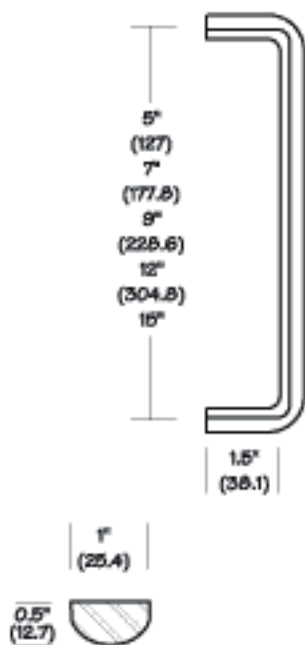
9105
9107
9109
9112



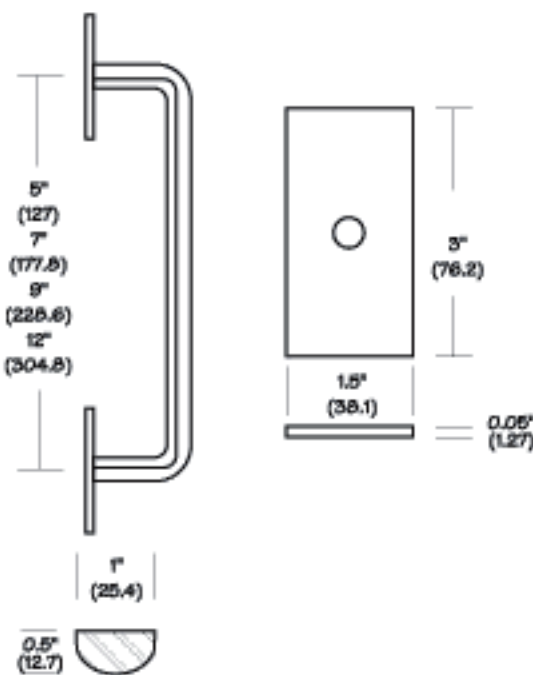
9205
9207
9209
9212



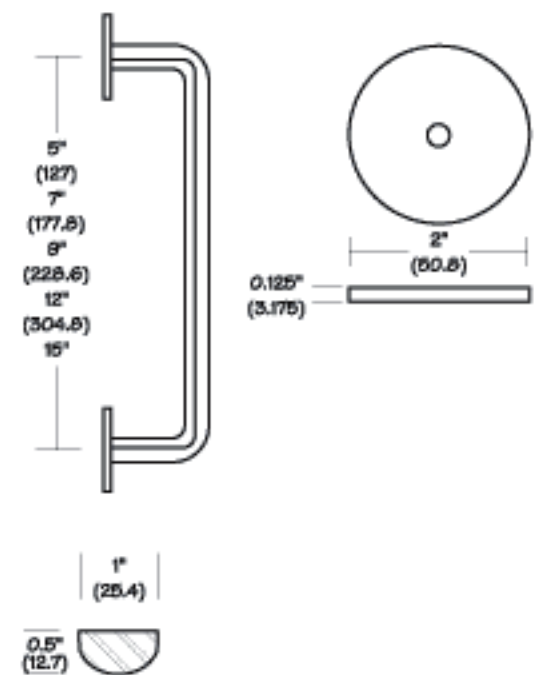
COMMERCIAL DOOR PULL



WITH RECTANGULAR BACKPLATE PADS



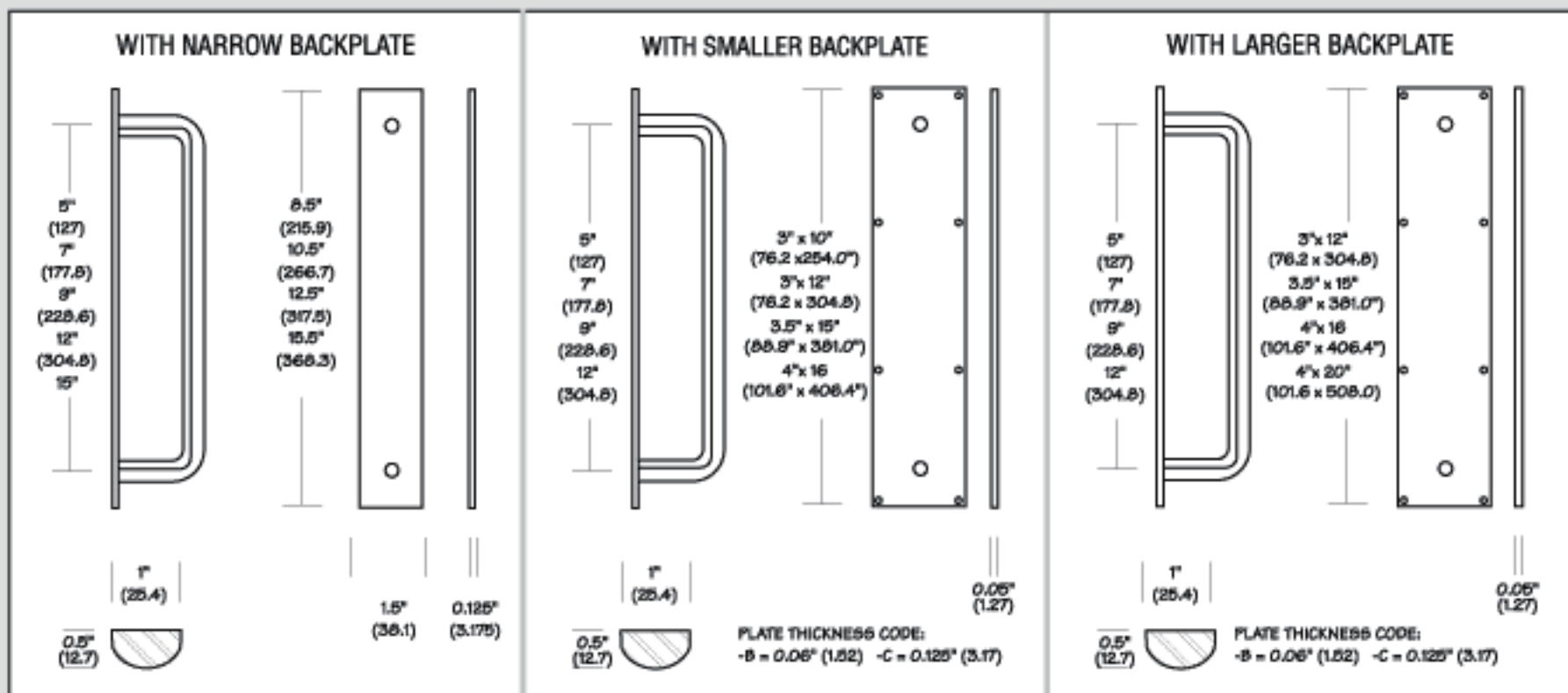
WITH 2" ROSETTES



MATERIAL	FINISHES	HOW TO ORDER
0.5"	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



MATERIAL	FINISHES	HOW TO ORDER
<p>0.5"</p>	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

B300



0.5" x 2" (12.7 x 50.8)

CENTRE TO CENTRE AND / OR OVERALL DIMENSIONS AS REQUIRED.

B301



0.5" x 1.5" (12.7 x 38.1)

CENTRE TO CENTRE AND / OR OVERALL DIMENSIONS AS REQUIRED.

B302



0.5" x 2" (12.7 x 50.8)

CENTRE TO CENTRE AND / OR OVERALL DIMENSIONS AS REQUIRED.

B303



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

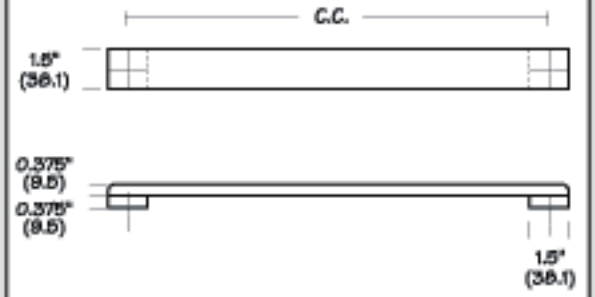
FINISHES

ALL
STANDARD

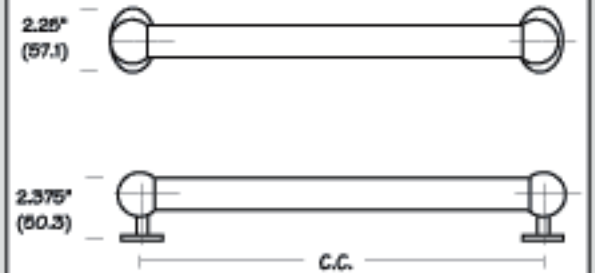


PUSH BARS B SERIES

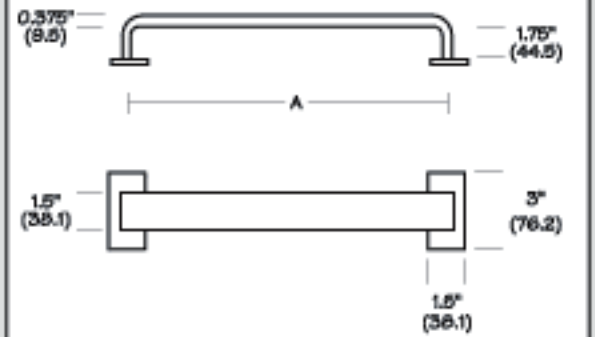
B307



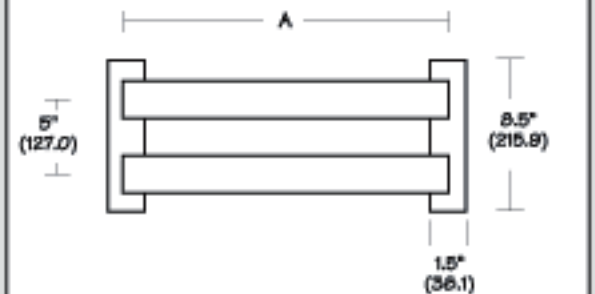
B308



B309



B310



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

FINISHES

ALL
STANDARD



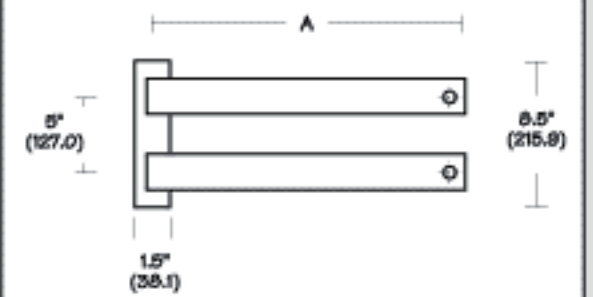
PUSH BARS B SERIES

16

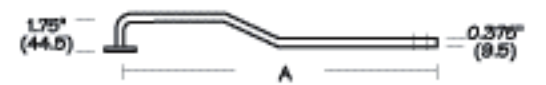
B311



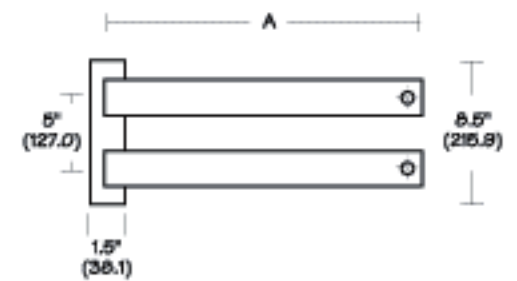
B312



B313



B314



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

FINISHES

ALL
STANDARD

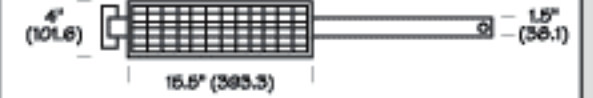


PUSH BARS B SERIES

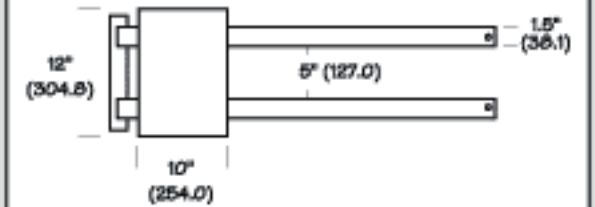
B315



B316



B317



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

FINISHES

ALL
STANDARD



DOOR PULLS C SERIES

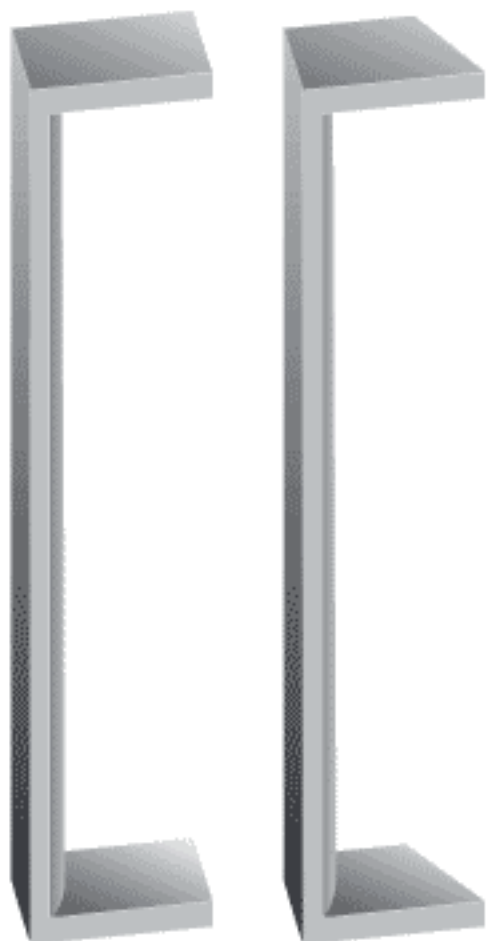
18

C320

C321

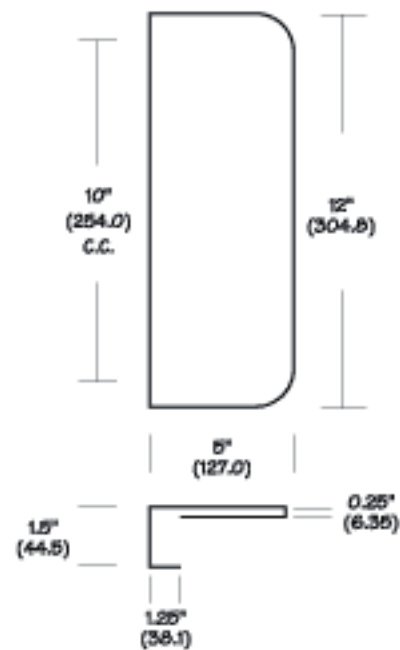
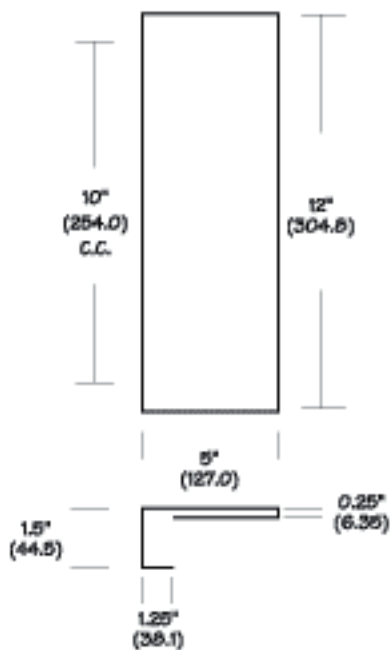
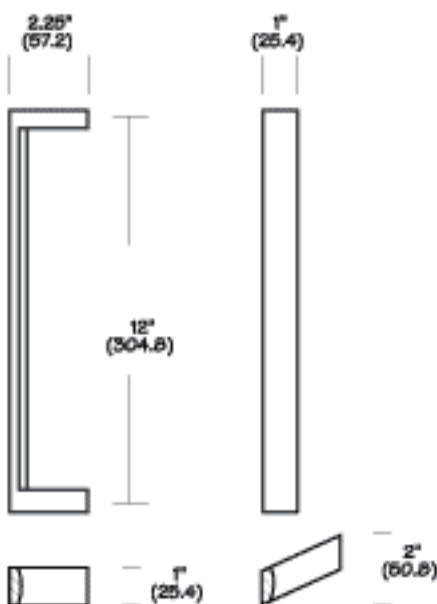
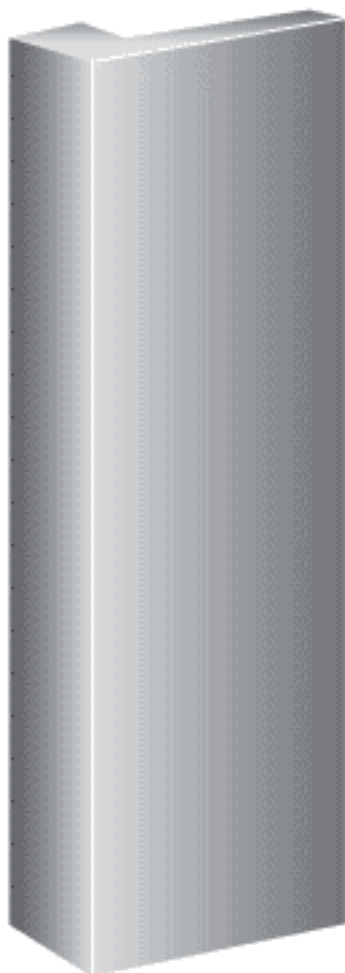
C322

C323



STRAIGHT

OFFSET



MATERIALS

BRASS, BRONZE, STAINLESS STEEL

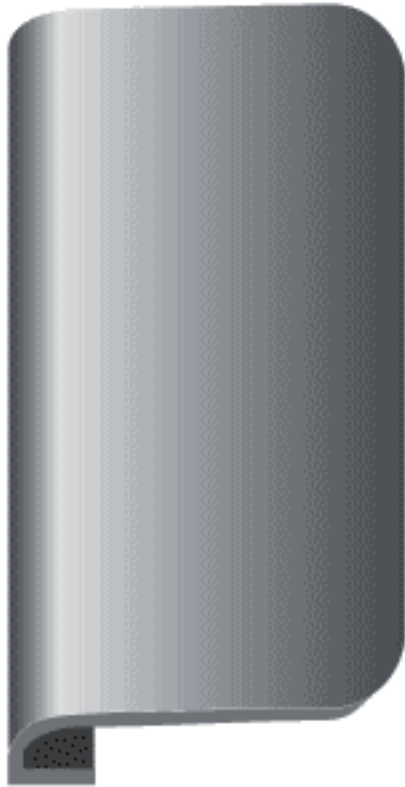
FINISHES

ALL STANDARD

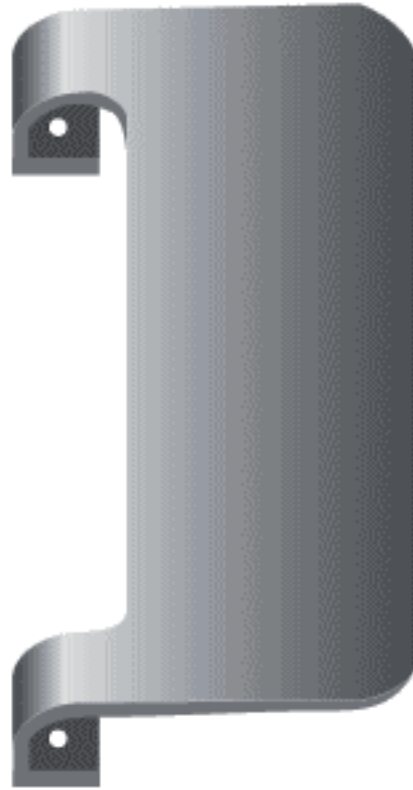


DOOR PULLS C SERIES

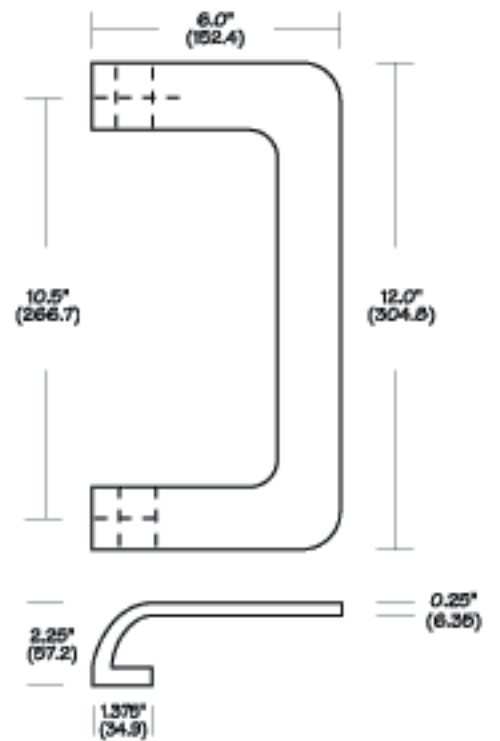
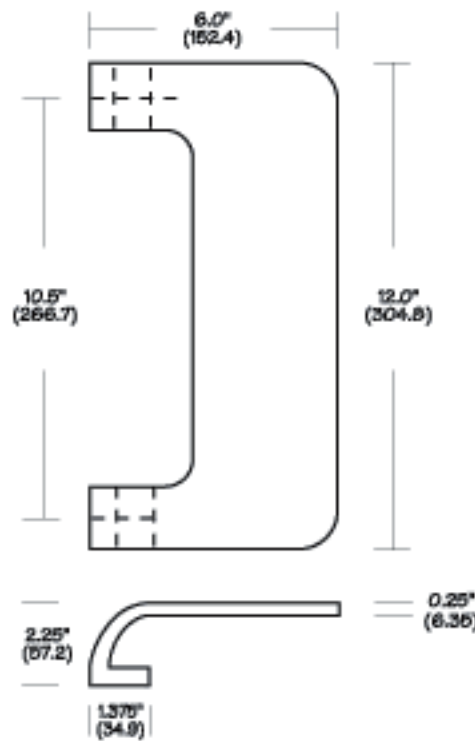
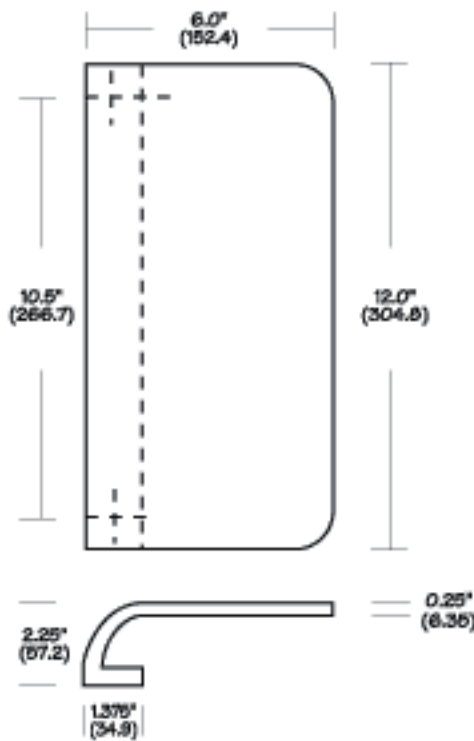
C324



C325



C326



MATERIALS

BRASS, BRONZE, STAINLESS STEEL

FINISHES

ALL STANDARD



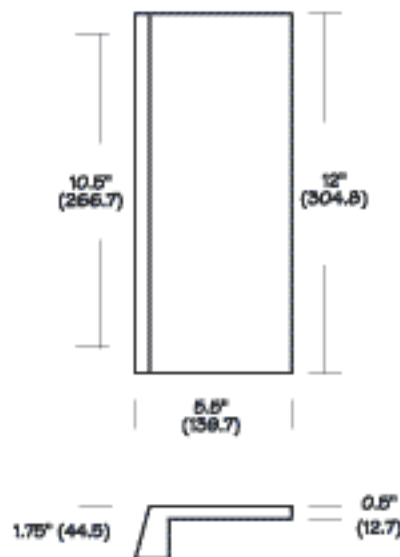
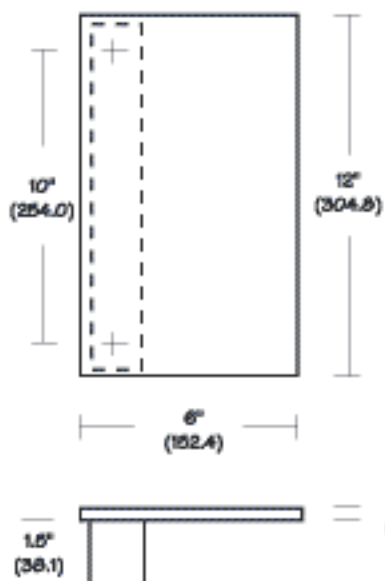
DOOR PULLS C SERIES

20

C327



C328



MATERIALS

BRASS, BRONZE, ALUMINUM,
STAINLESS STEEL

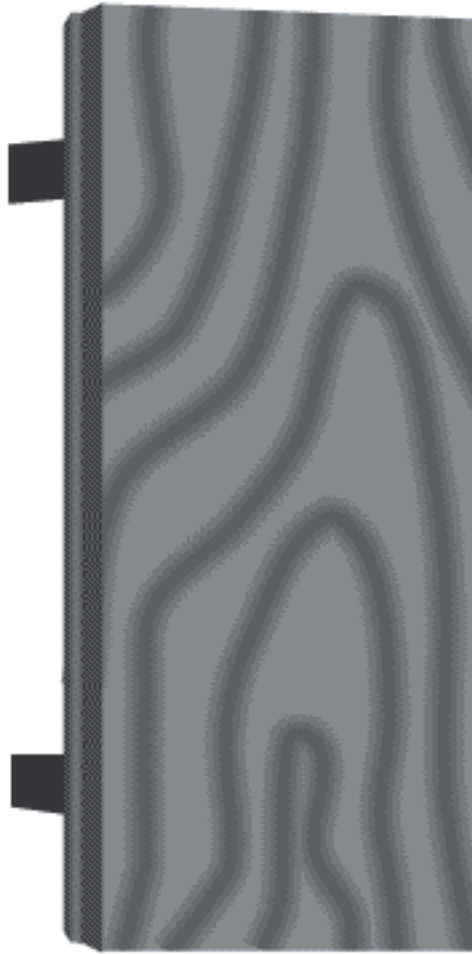
FINISHES

ALL
STANDARD

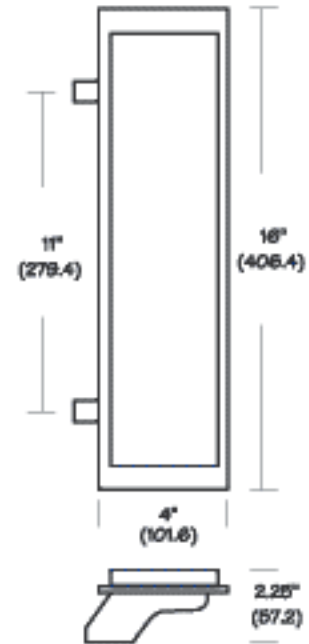
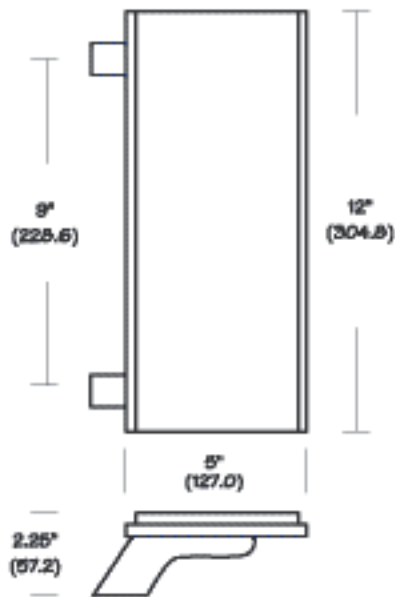
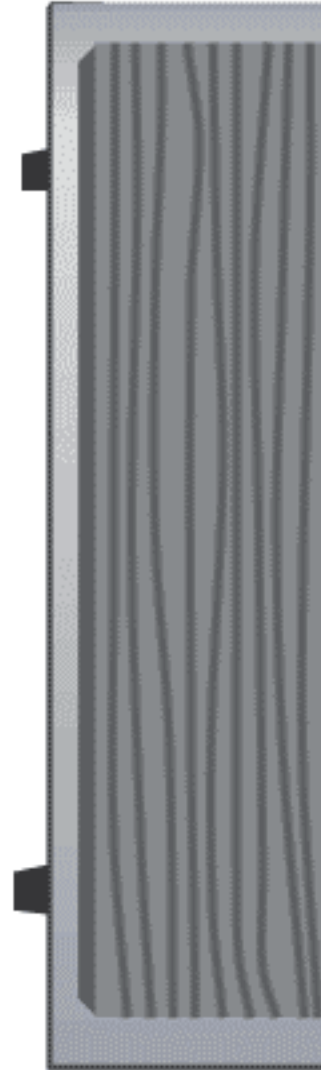


DOOR PULLS C SERIES

C329



C330



MATERIALS

BRASS & WOOD, BRONZE & WOOD

FINISHES

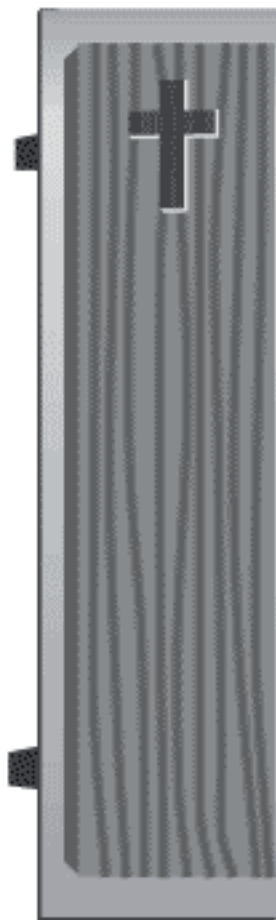
ALL STANDARD



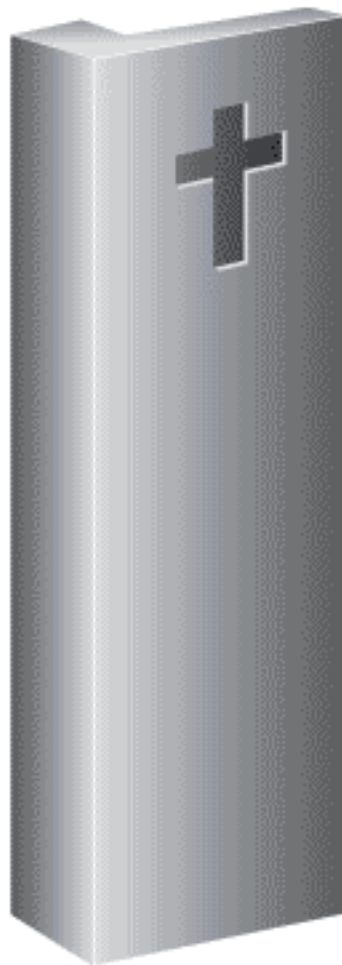
DOOR PULLS C SERIES

22

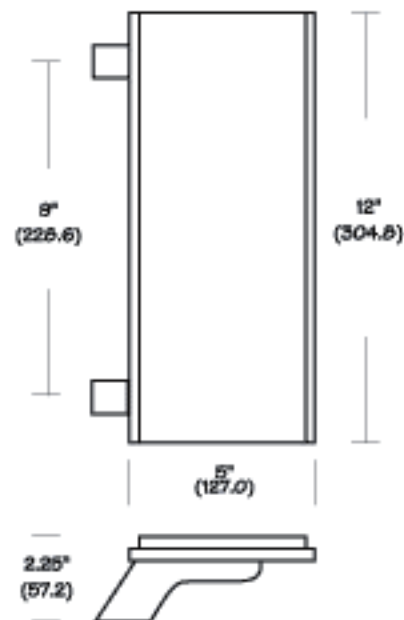
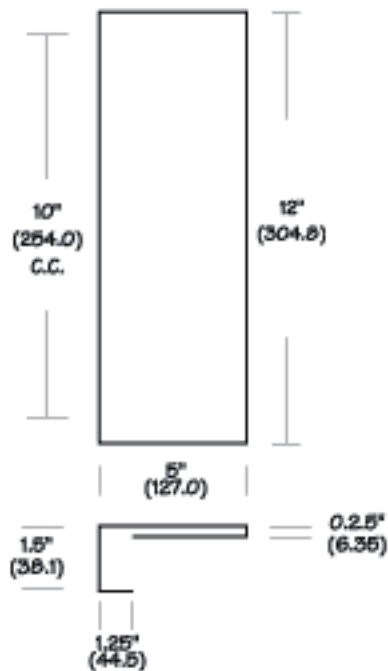
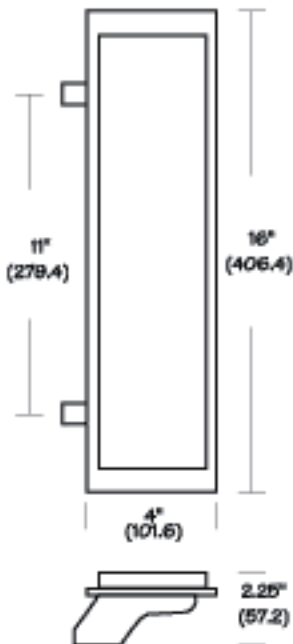
C331



C332



C333



MATERIALS

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

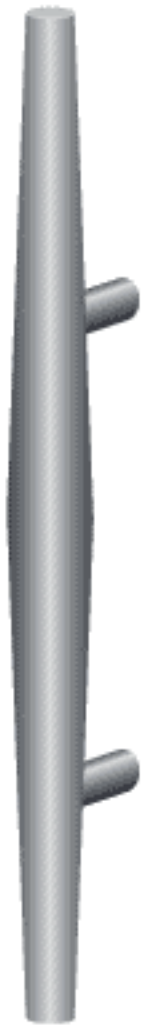
FINISHES

ALL
STANDARD



DOOR PULLS C SERIES

C334



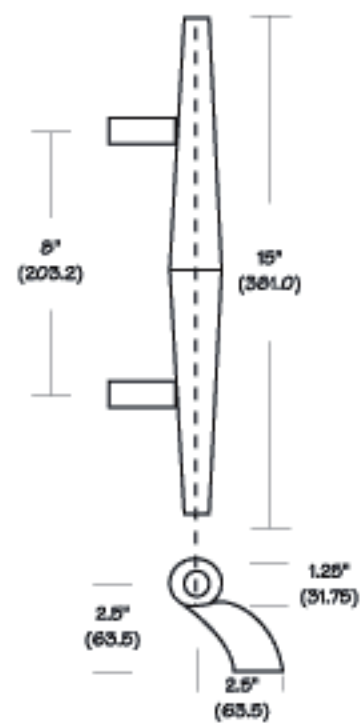
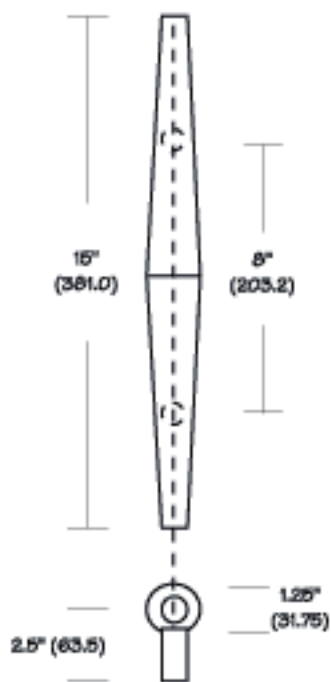
C335



C336



C337



MATERIALS

BRASS, BRONZE, ALUMINUM,
STAINLESS STEEL

FINISHES

ALL
STANDARD



DOOR PULLS C SERIES

24

C338

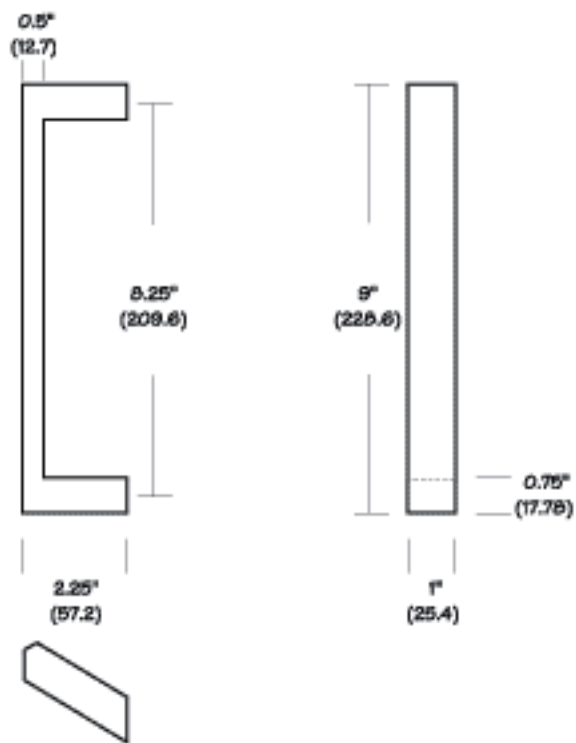
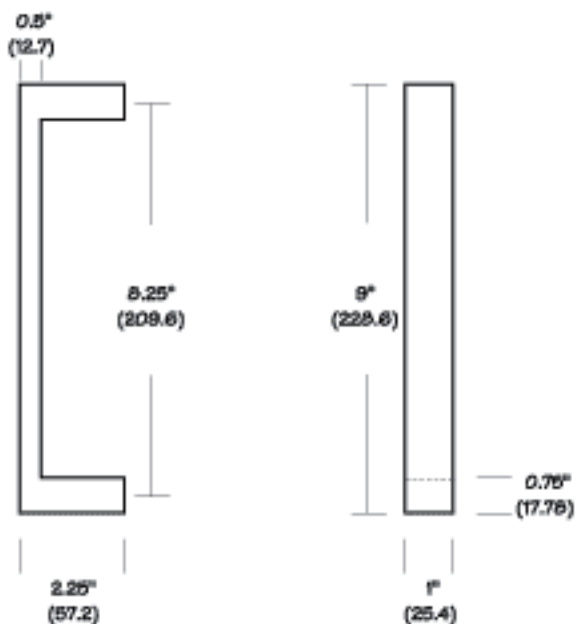


STRAIGHT

C339



OFFSET



MATERIALS

ALUMINUM

FINISHES

STANDARD ALUMINUM



DOOR PULLS C SERIES

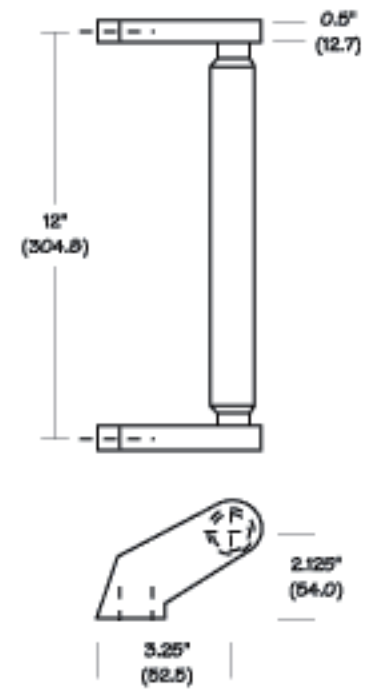
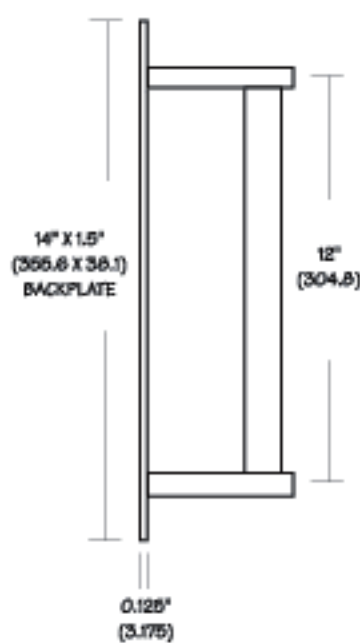
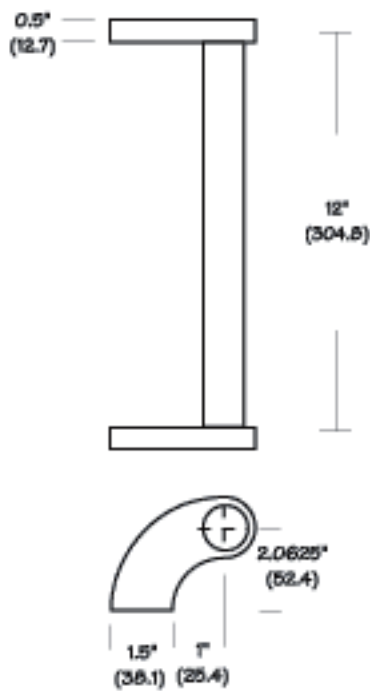
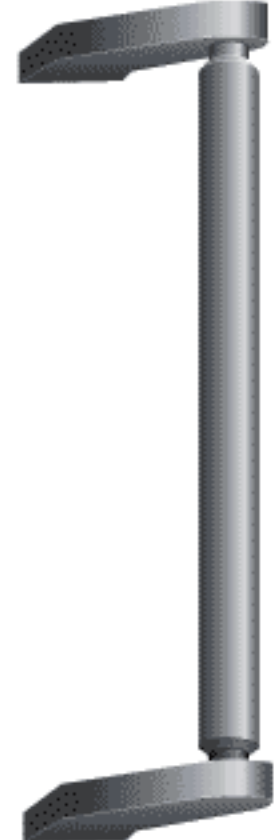
C340



C341



C342



MATERIALS

C340 & C341 - ALUMINIUM
C342 - BRASS, BRONZE

FINISHES

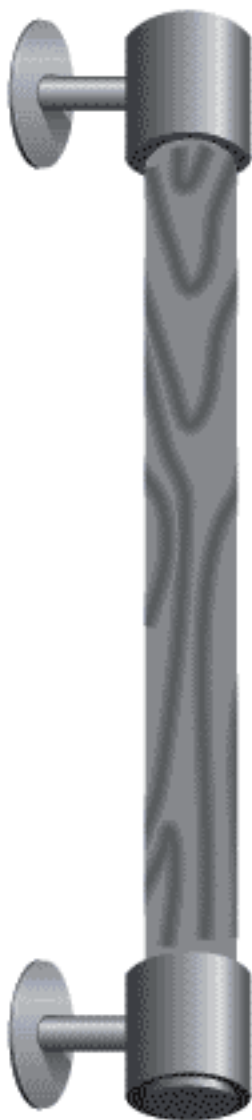
C340 & C341 - STANDARD ALUMINIUM
C342 - STANDARD



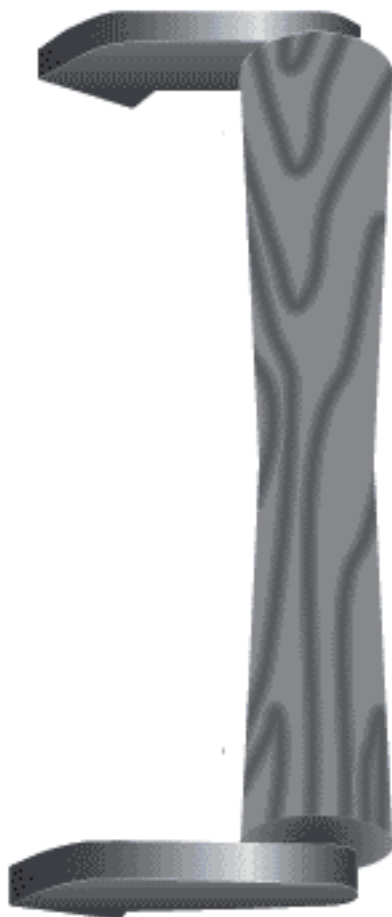
DOOR PULLS C SERIES

26

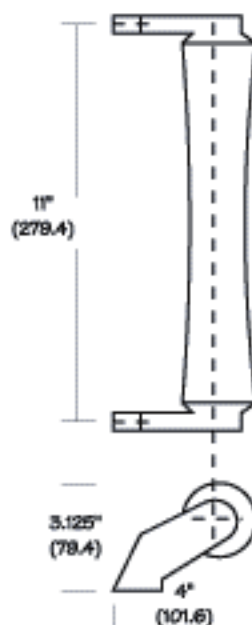
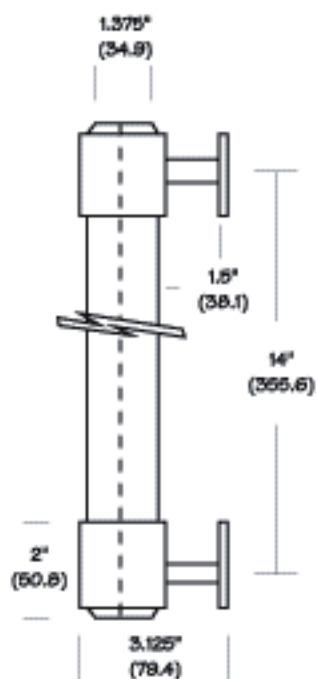
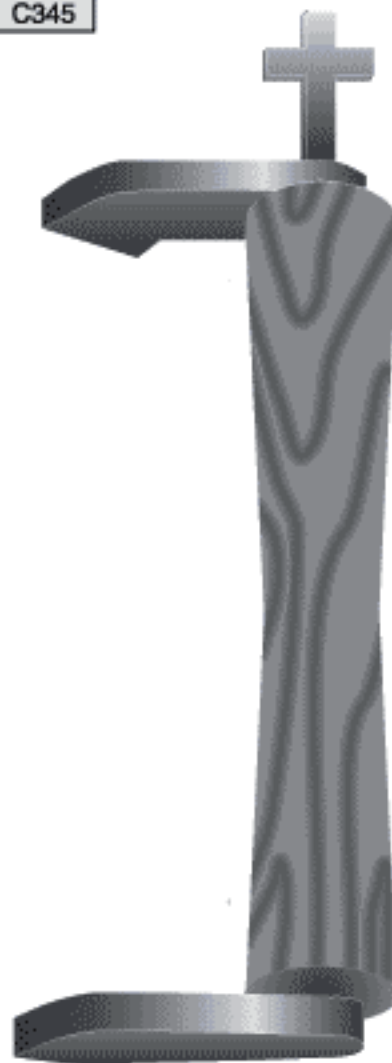
C343



C344



C345



MATERIALS

BRASS & WOOD, BRONZE & WOOD

FINISHES

ALL STANDARD



DOOR PULLS D SERIES

D347



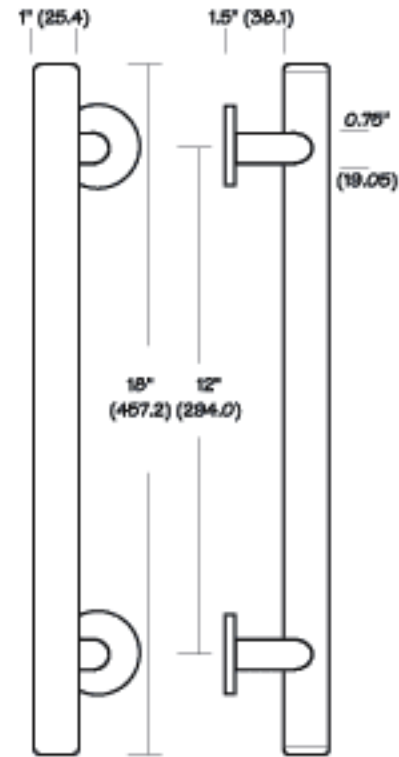
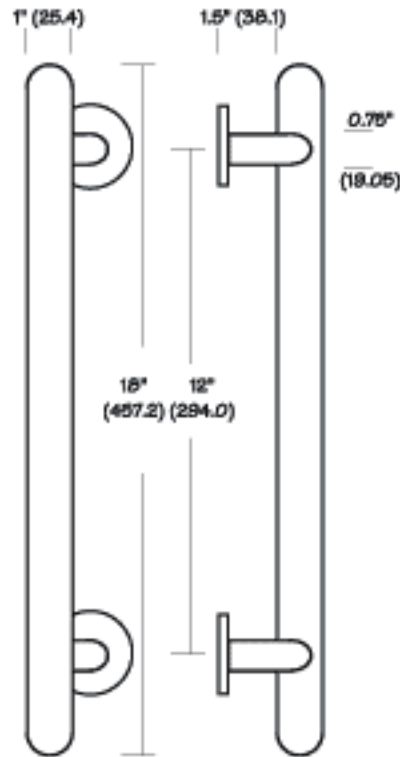
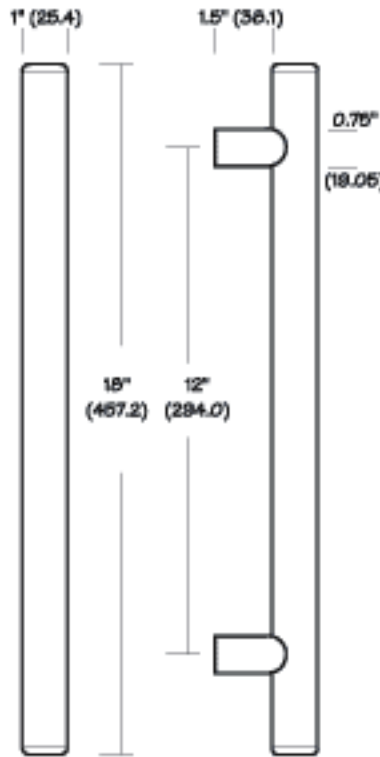
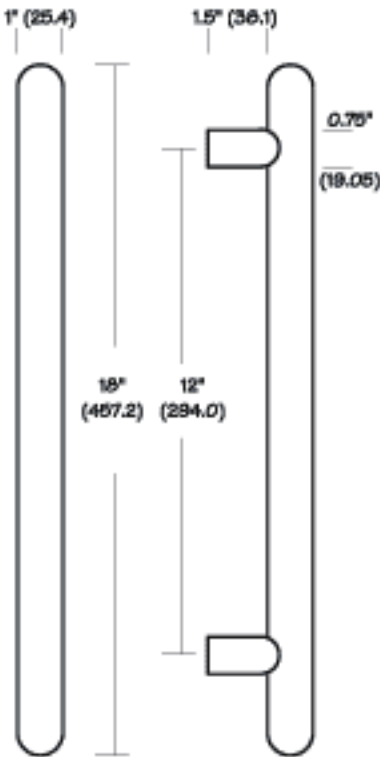
D348



D349



D350



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

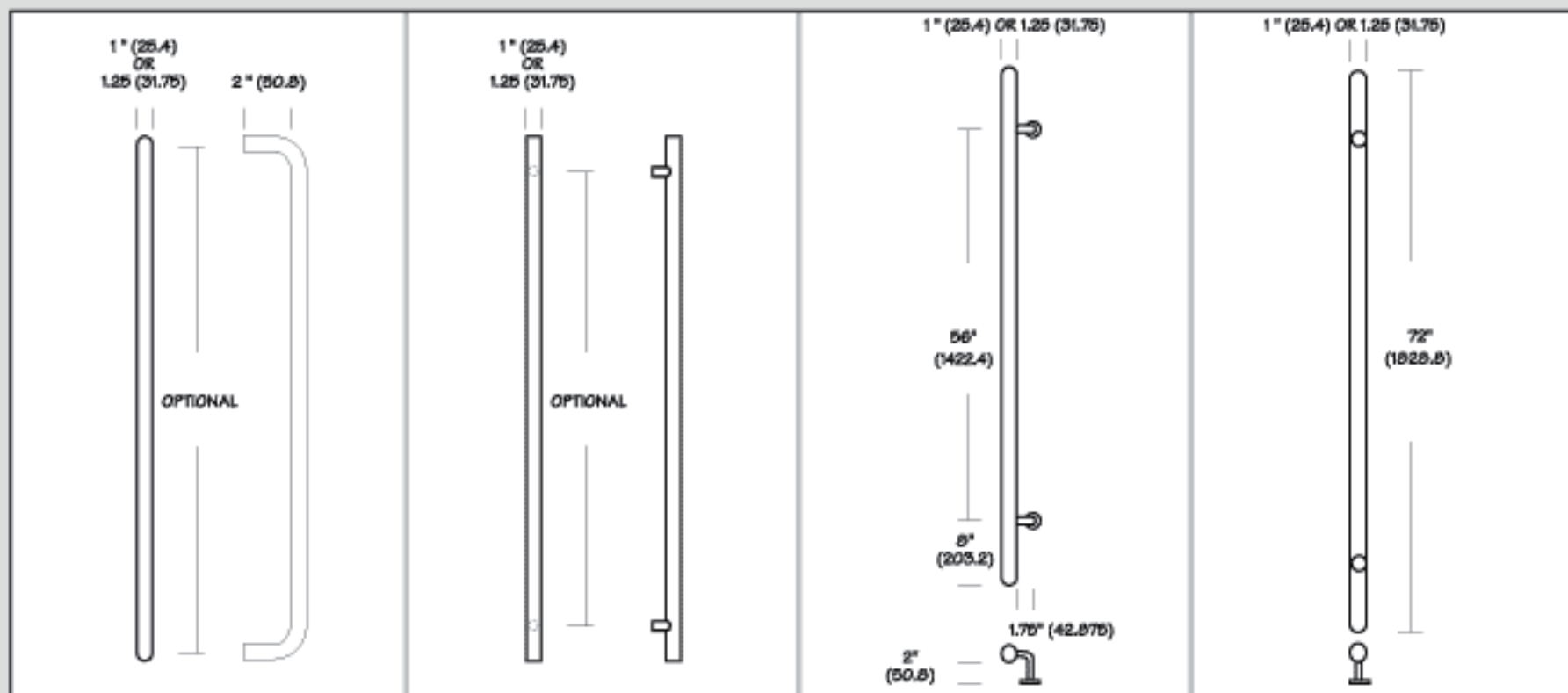
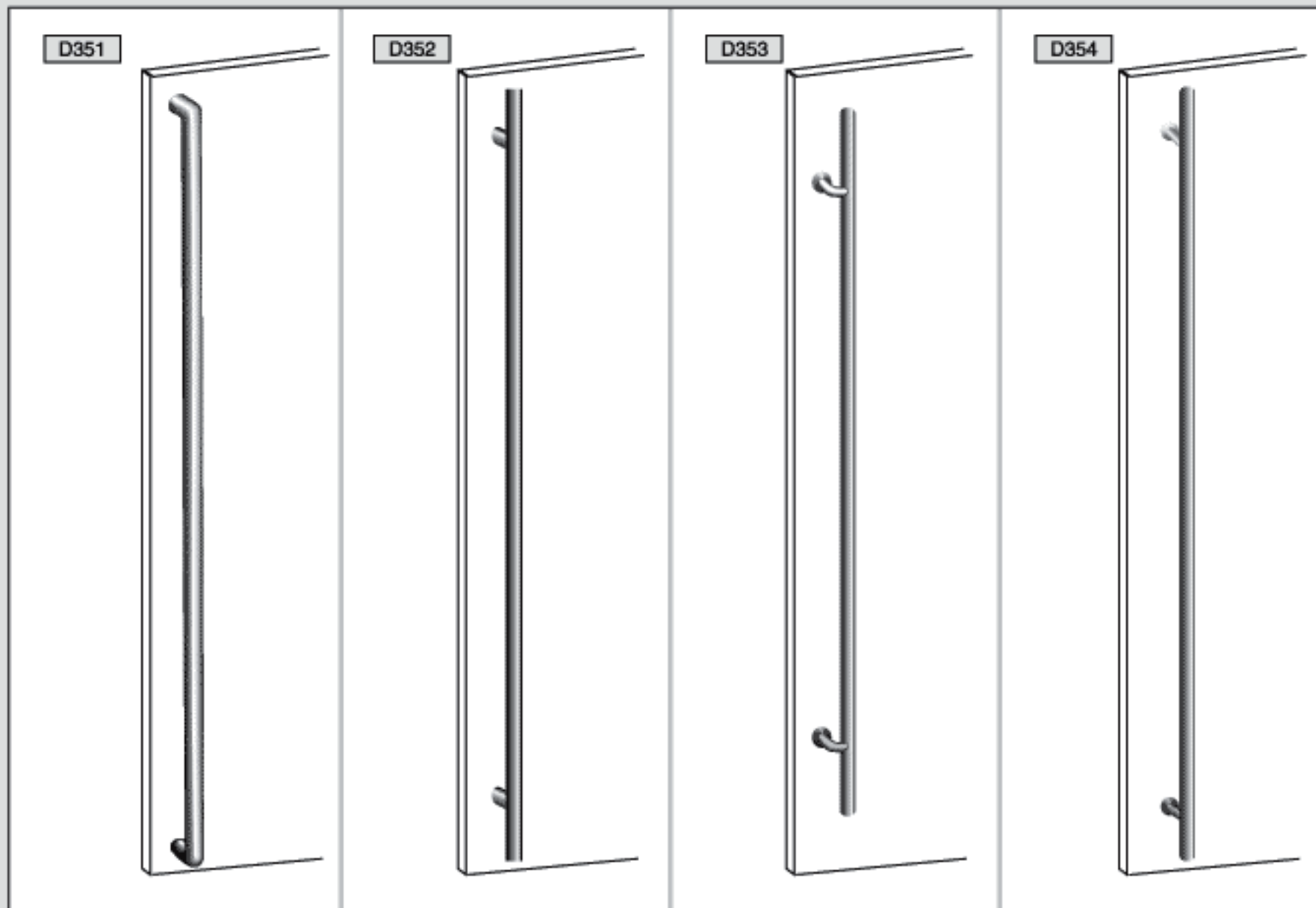
FINISHES

ALL
STANDARD



DOOR PULLS D SERIES

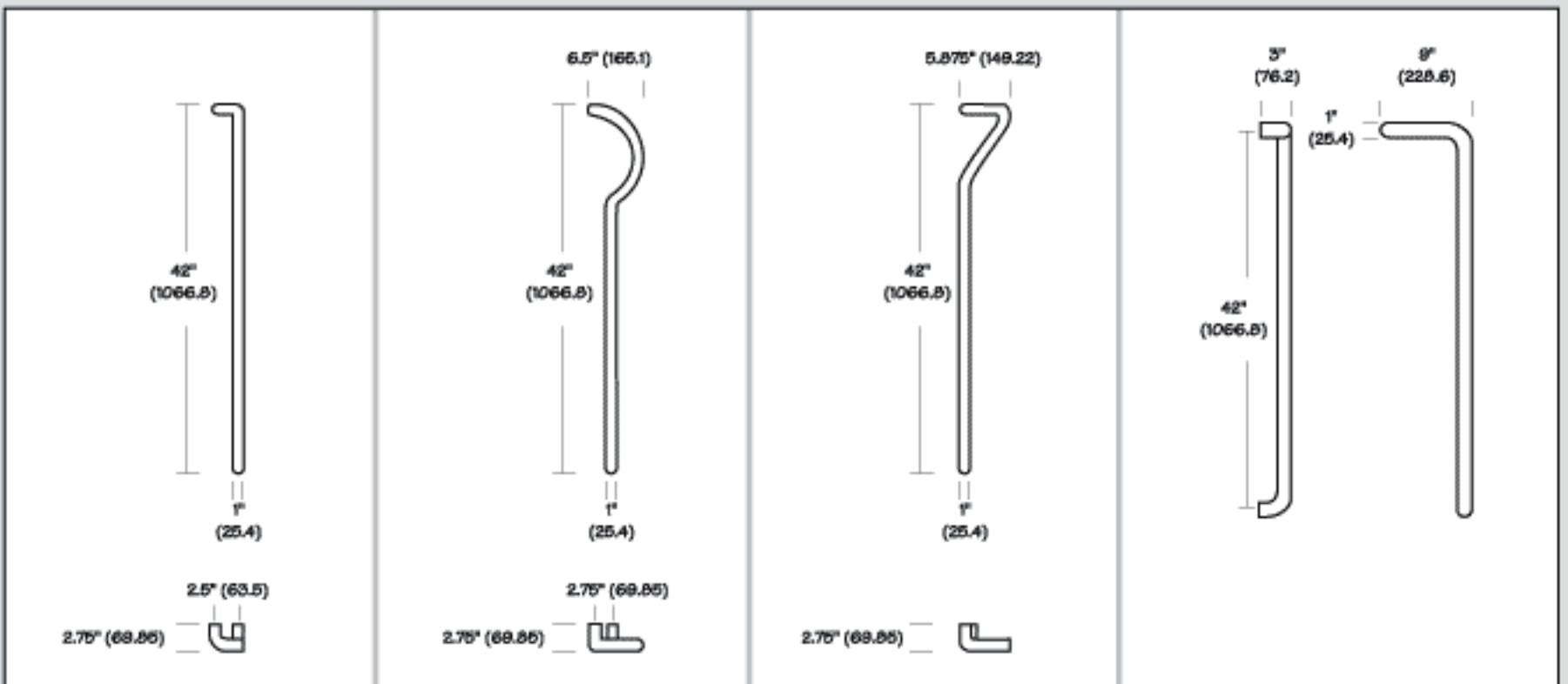
28



MATERIALS	FINISHES
ALUMINUM, BRASS, BRONZE, STAINLESS STEEL	ALL STANDARD



DOOR PULLS D SERIES



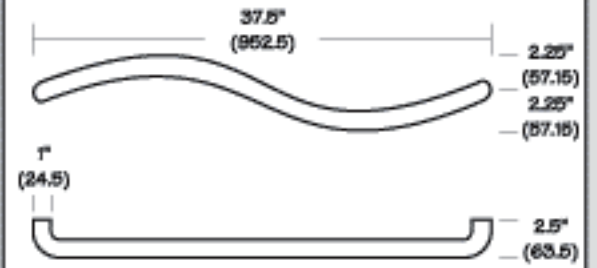
MATERIALS	FINISHES
ALUMINUM, BRASS, BRONZE, STAINLESS STEEL	ALL STANDARD



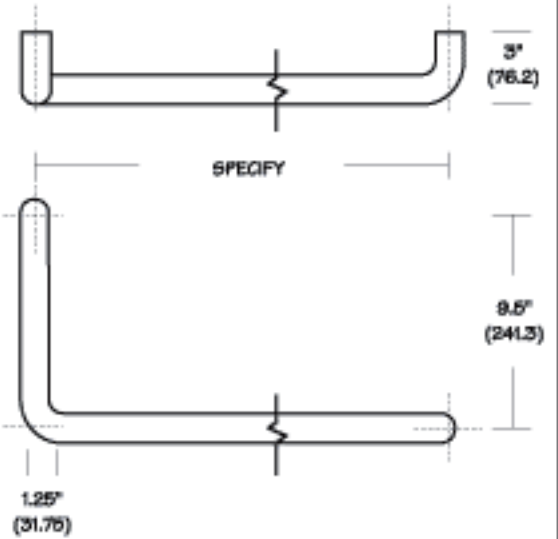
DOOR PULLS D SERIES

30

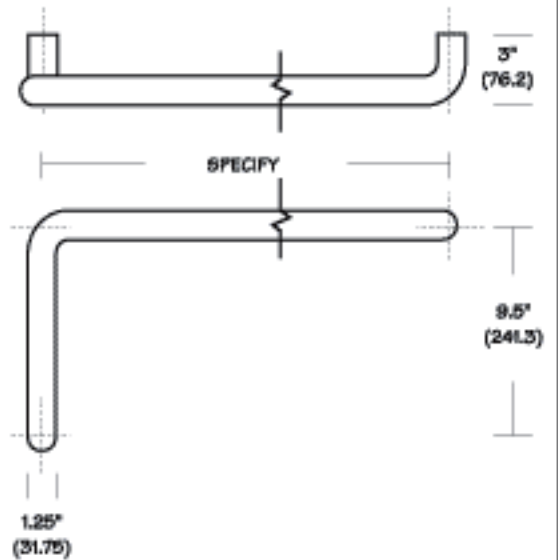
D359



D360



D361



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

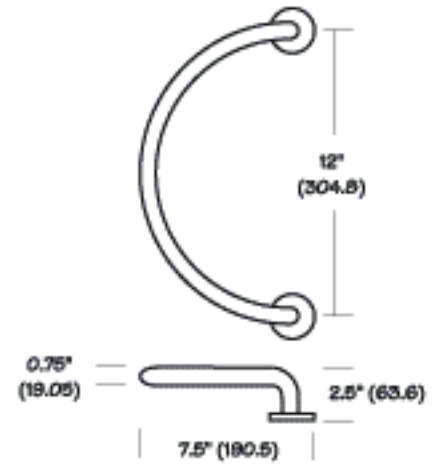
FINISHES

ALL
STANDARD

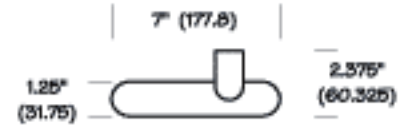


DOOR PULLS D SERIES

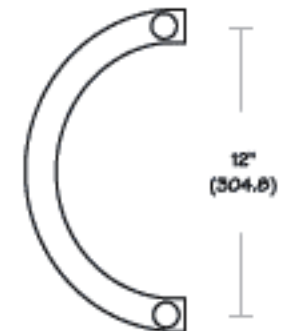
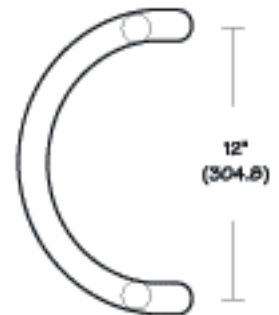
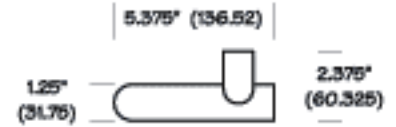
- D362 ○ 1" (25.4)
- D362-2 ○ 1.25" (31.75)
- D362-3 ○ 1.25" (31.75)



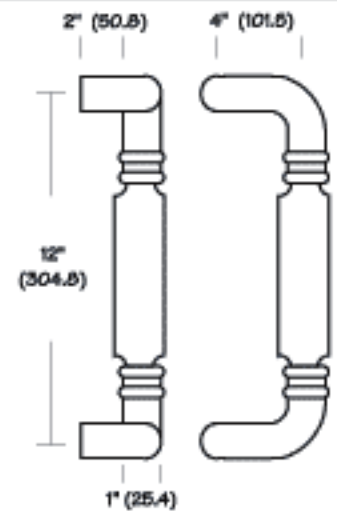
D363



D364



D365



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

FINISHES

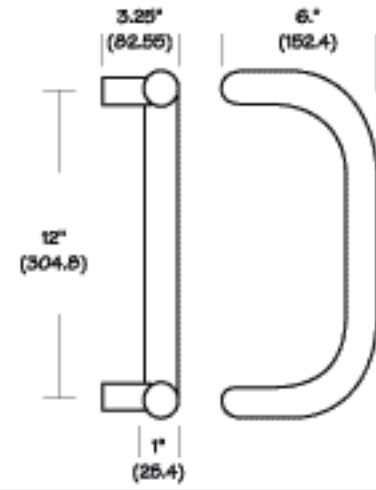
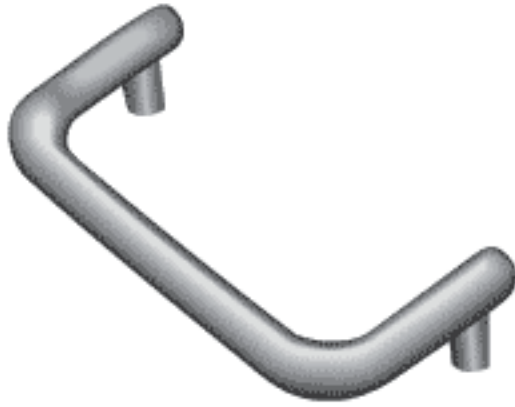
ALL
STANDARD



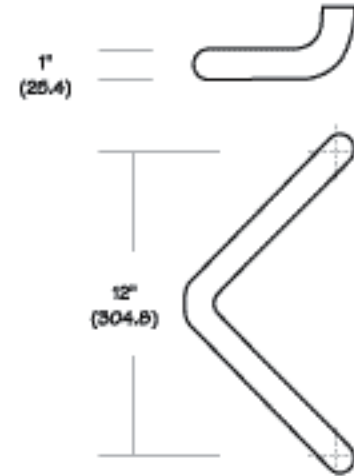
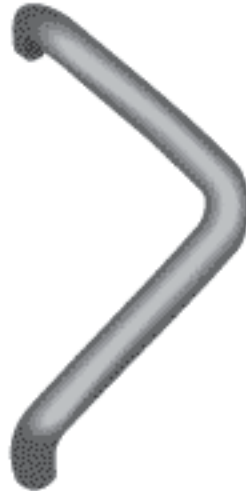
DOOR PULLS D SERIES

32

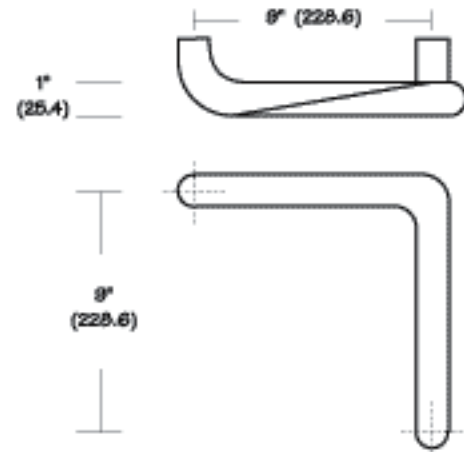
D366



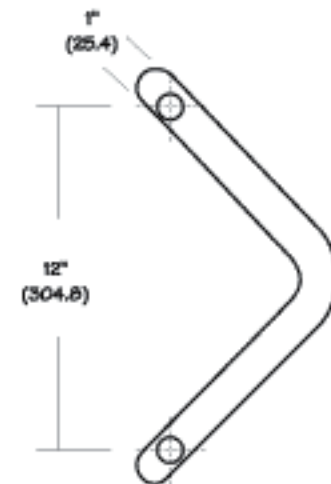
D367



D368



D369



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

FINISHES

ALL
STANDARD



DOOR PULLS D SERIES

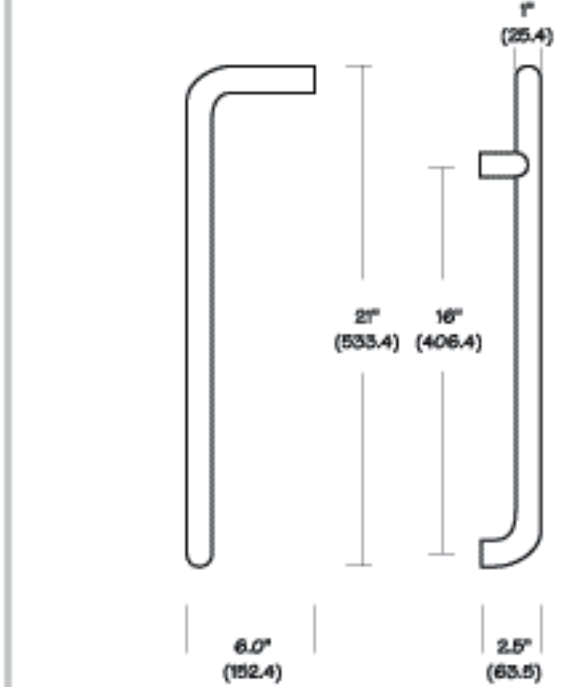
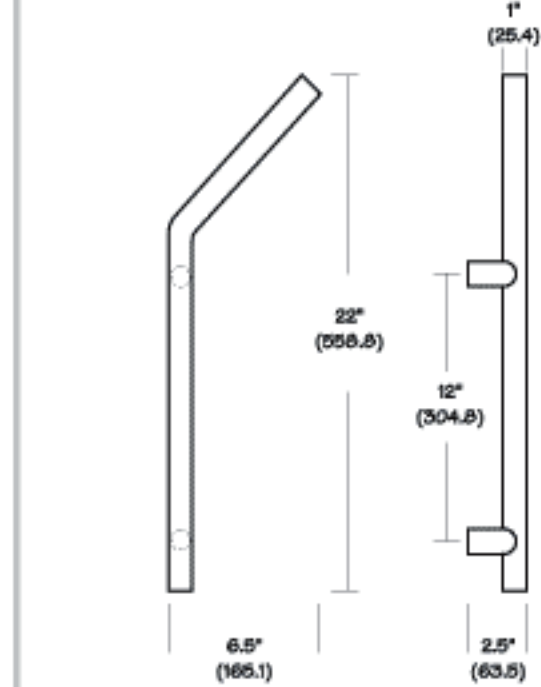
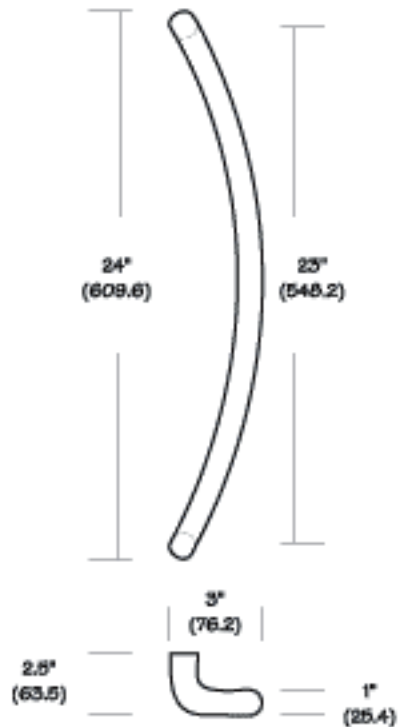
D370



D371



D372



MATERIALS	FINISHES
ALUMINUM, BRASS, BRONZE, STAINLESS STEEL	ALL STANDARD



DOOR PULLS D SERIES

34

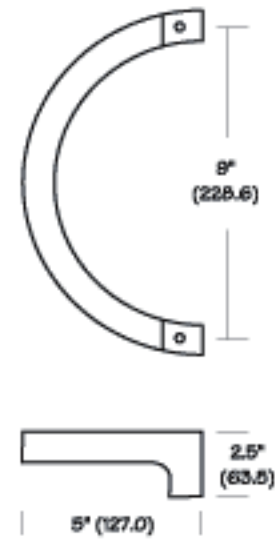
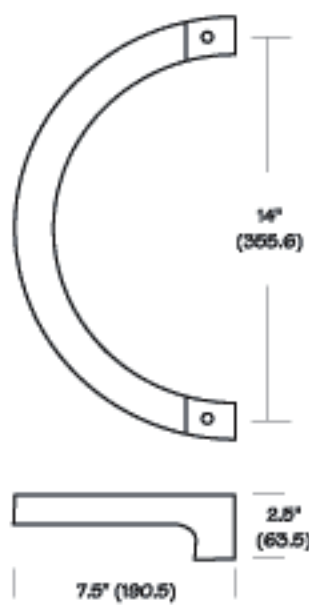
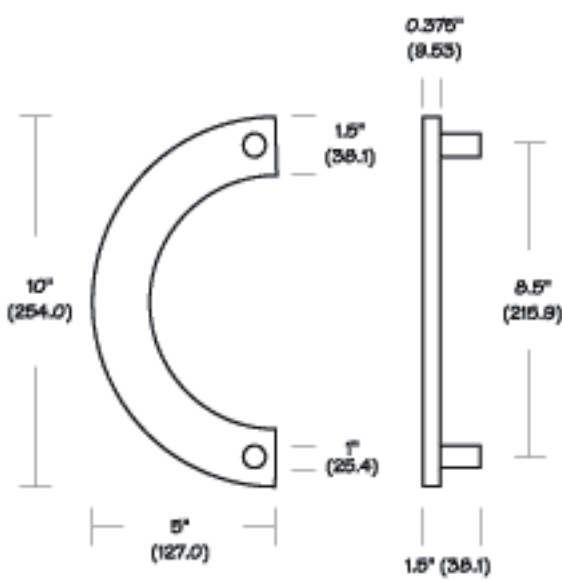
D373



D374



D375



MATERIALS

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

FINISHES

ALL
STANDARD



DOOR PULLS D SERIES

D376



D377



D378



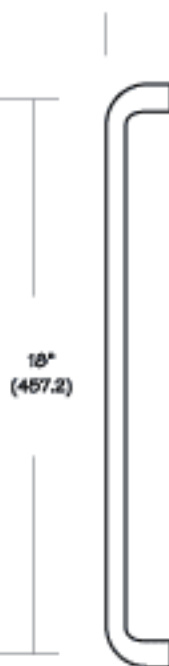
D379



1.5" (38.1)



2.5" (63.5)



1.25" dia. (31.75)



4" (101.6)

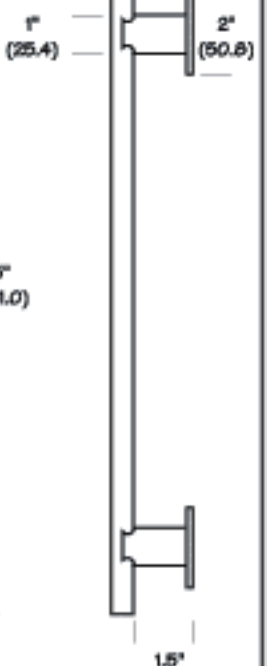


18" (457.2)

0.75" (19.05)

16" (406.4)

12" (304.8)



0.75" dia. (19.05)

0.75" (20.0)

0.75" (20.0)

0.625" (15.87)

1" (25.4)

2" (50.8)

1.5" (38.1)

MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

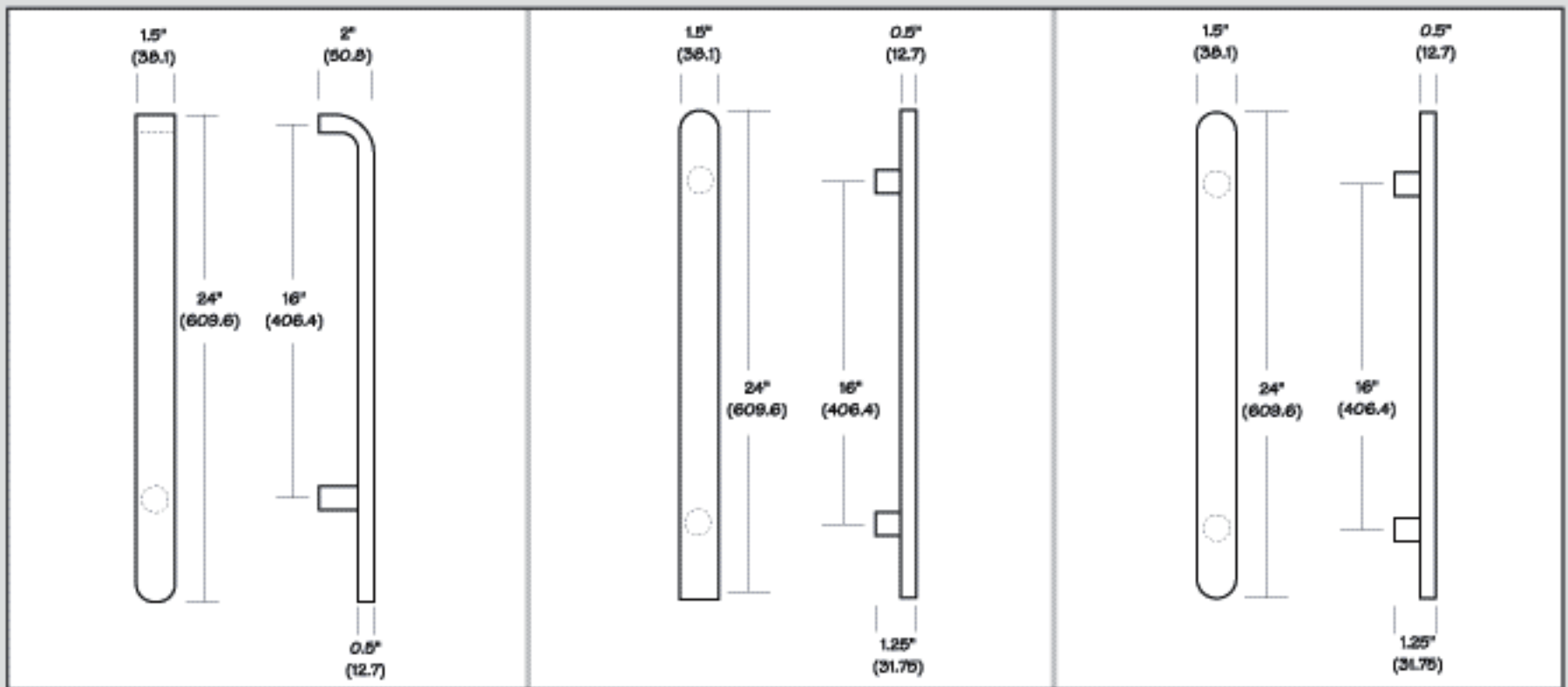
FINISHES

ALL
STANDARD



DOOR PULLS D SERIES

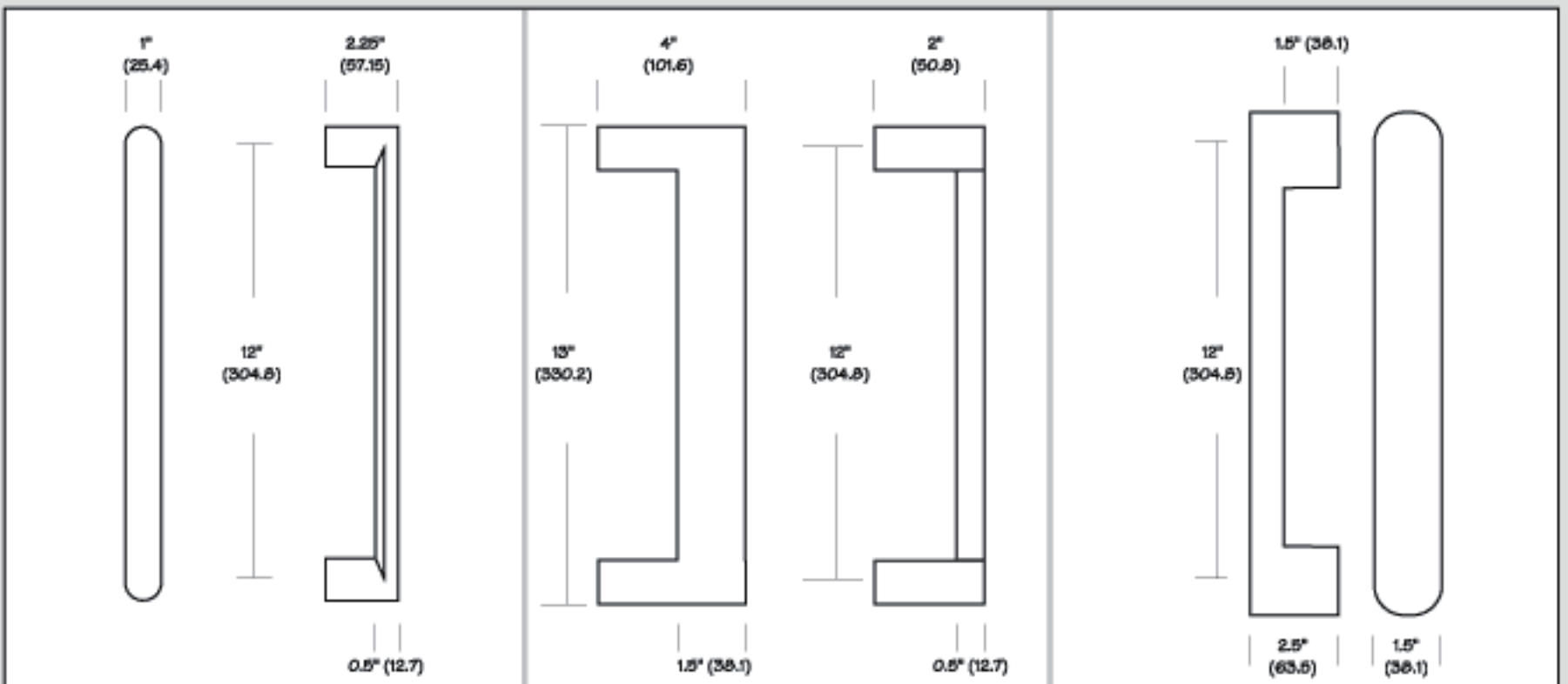
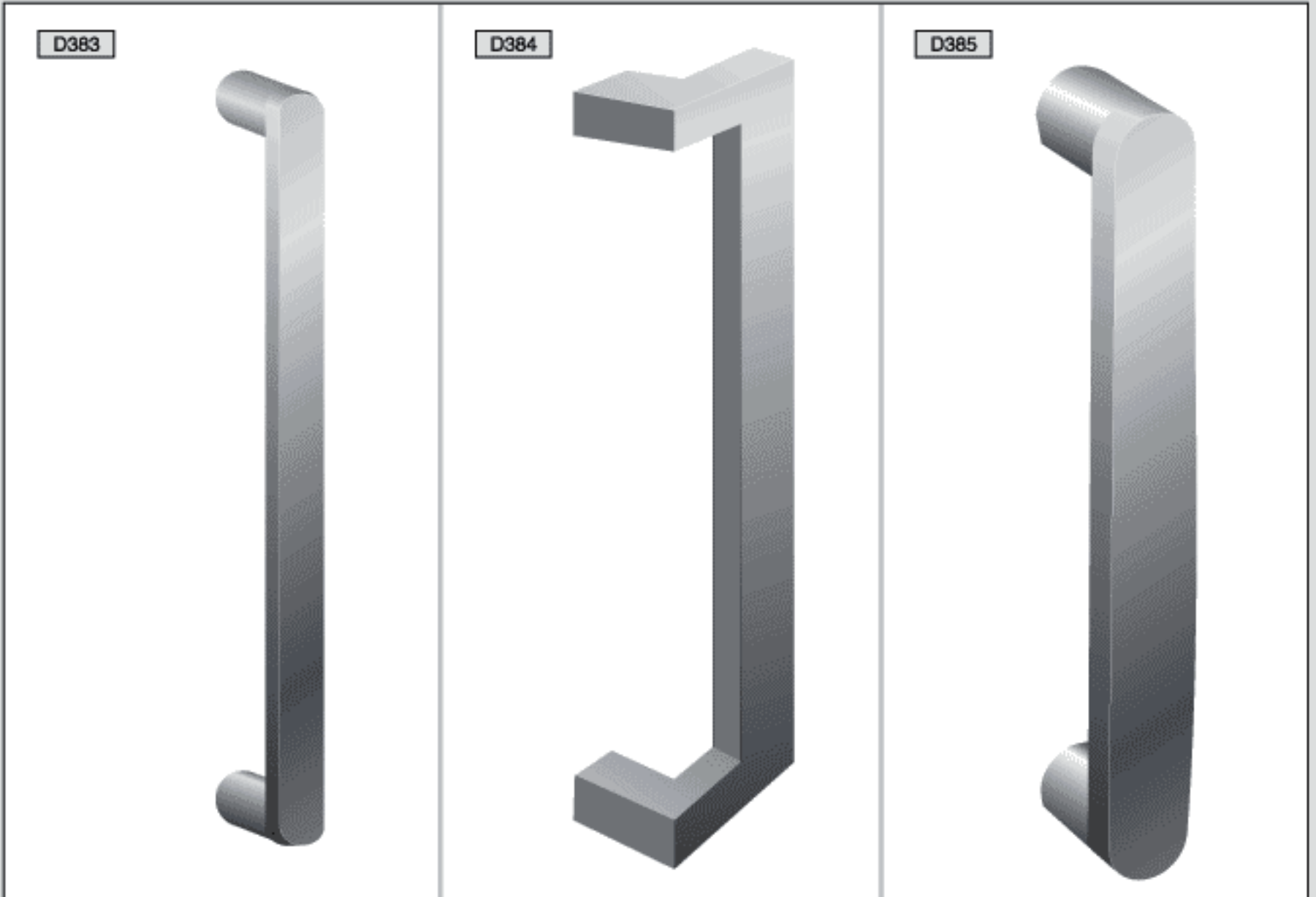
36



MATERIALS	FINISHES
ALUMINUM, BRASS, BRONZE, STAINLESS STEEL	ALL STANDARD



DOOR PULLS D SERIES



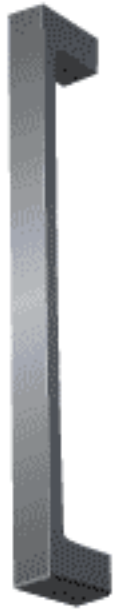
MATERIALS	FINISHES
ALUMINUM, BRASS, BRONZE, STAINLESS STEEL	ALL STANDARD



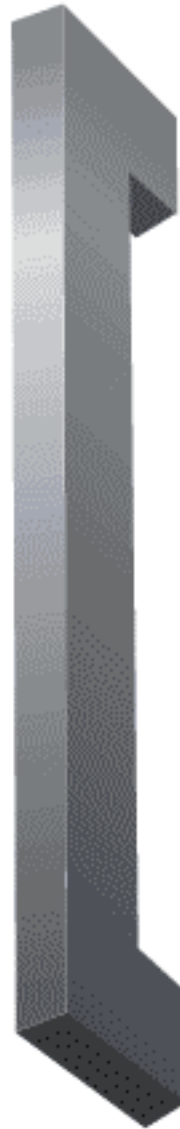
DOOR PULLS D SERIES

38

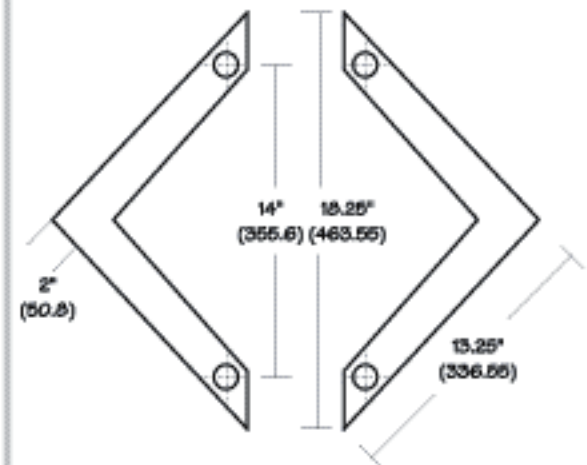
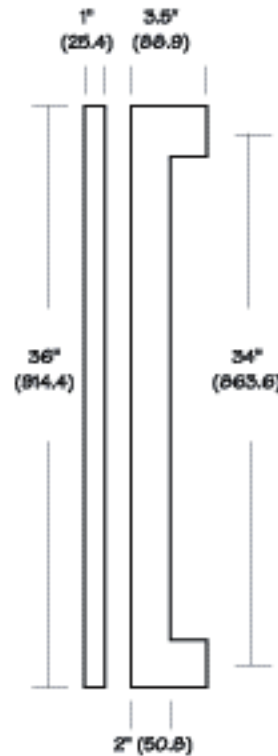
D386



D387



D388



MATERIALS

ALUMINUM, BRASS, BRONZE,
STAINLESS STEEL

FINISHES

ALL
STANDARD

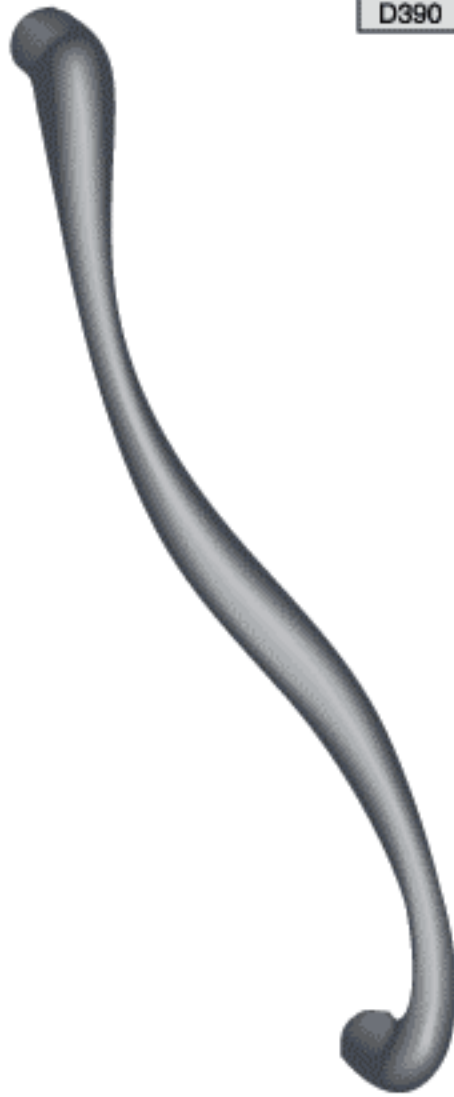


DOOR PULLS D SERIES

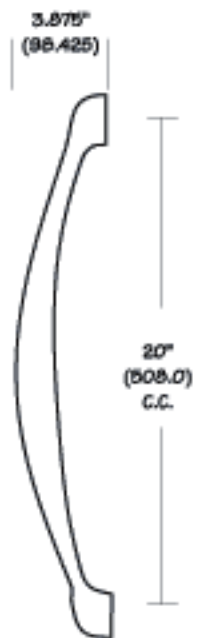
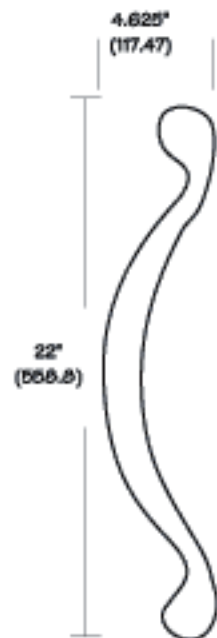
D389



D390



D391



MATERIALS

CAST BRASS, BRONZE,

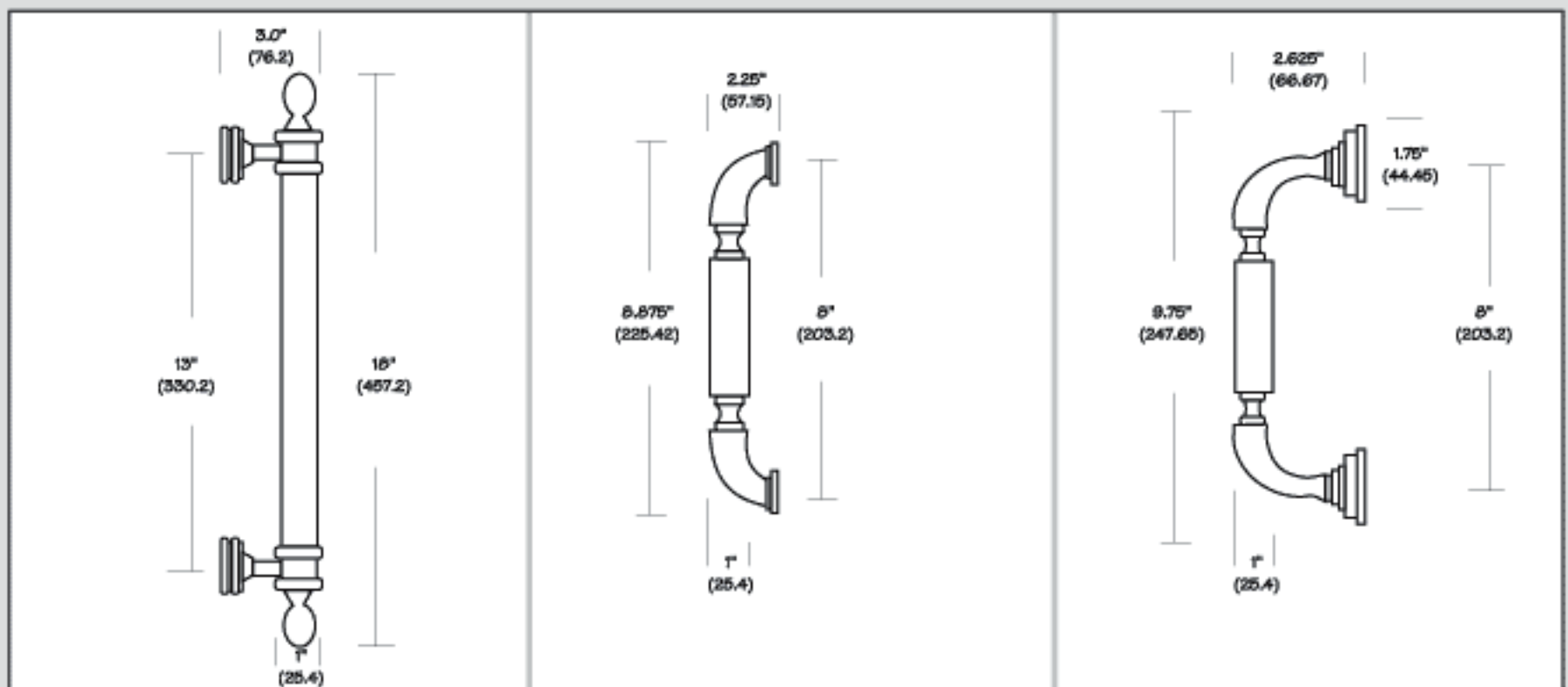
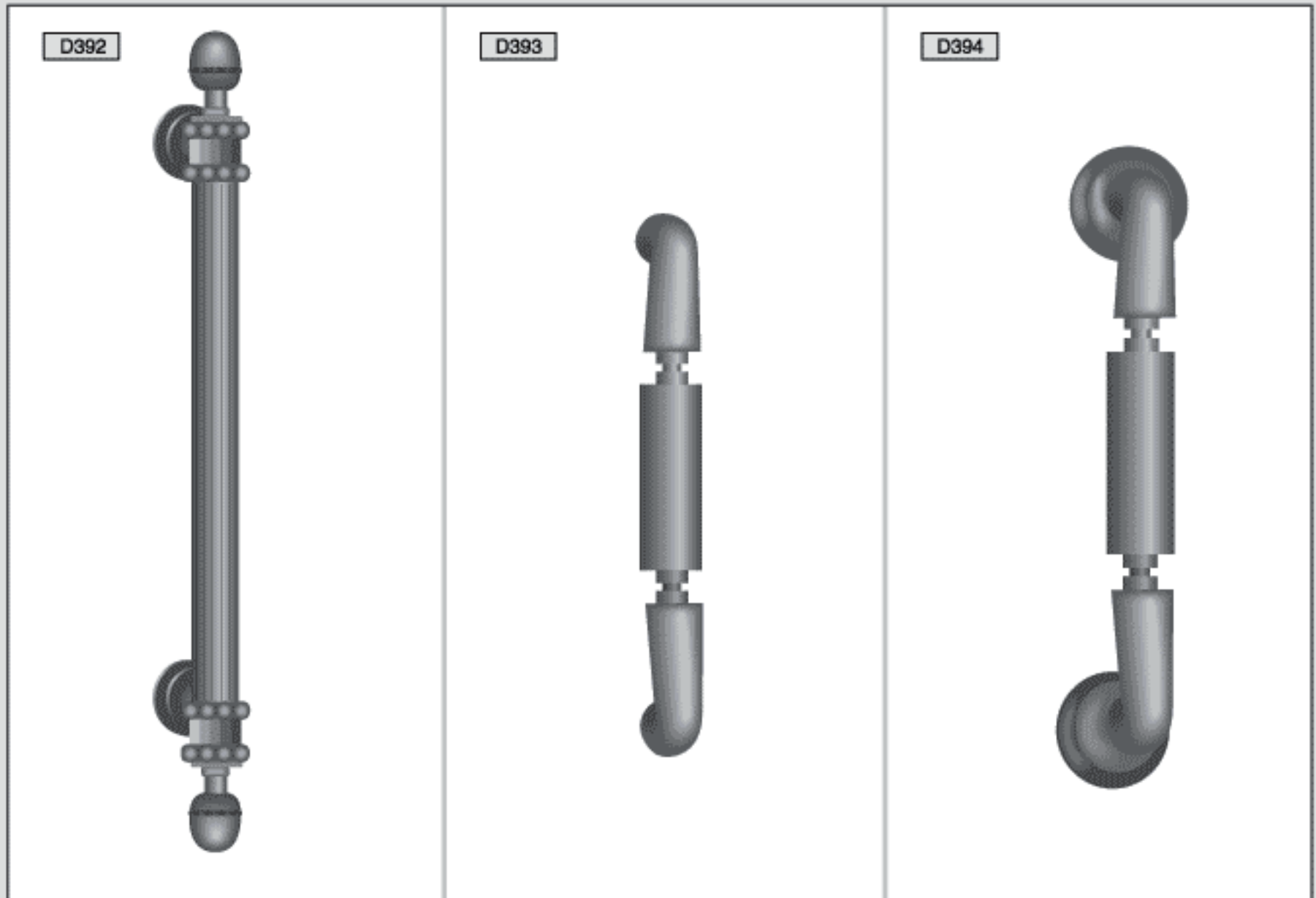
FINISHES

ALL STANDARD



DOOR PULLS D SERIES

40



MATERIALS	FINISHES
ALUMINUM, BRASS, BRONZE, STAINLESS STEEL	ALL STANDARD



DOOR PULLS D SERIES

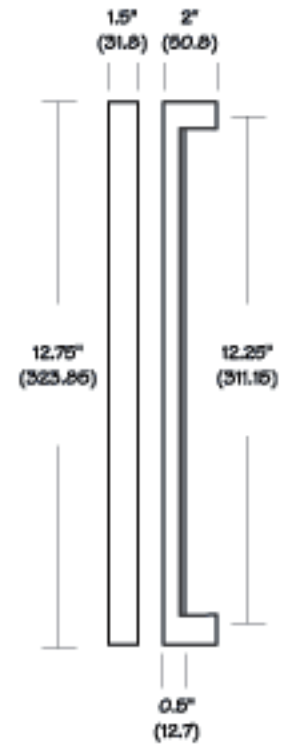
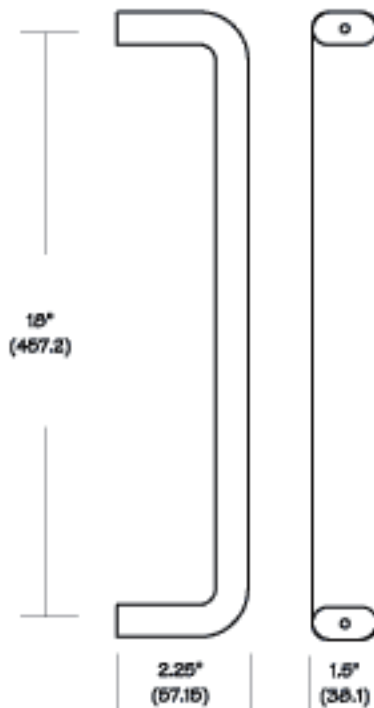
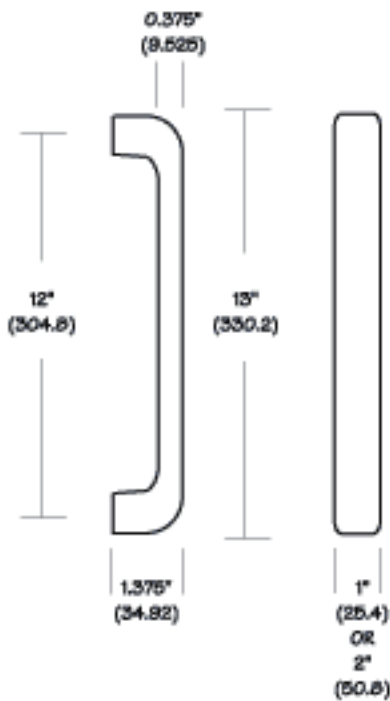
D395



D396



D397



MATERIALS

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

FINISHES

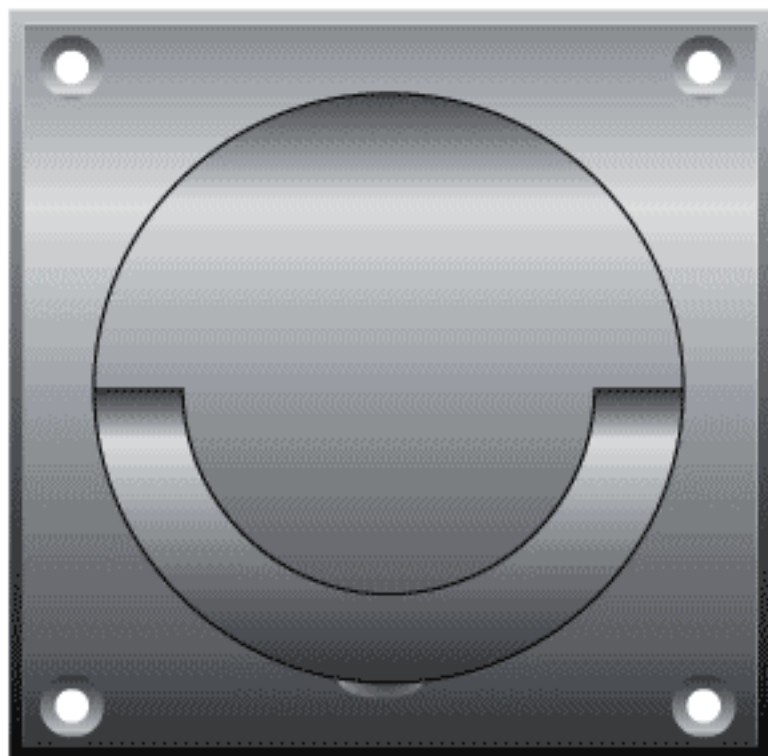
ALL
STANDARD



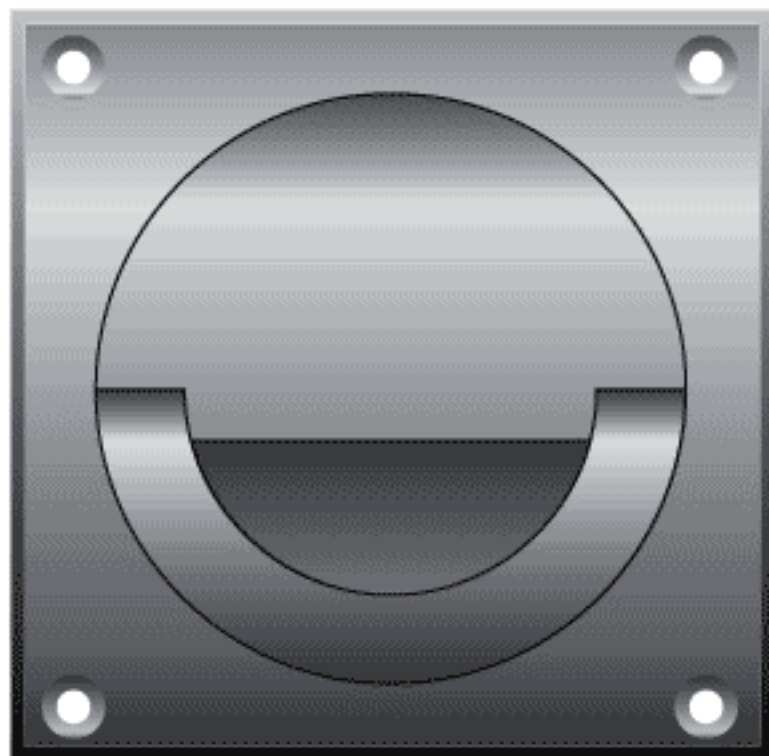
RING PULLS H SERIES

42

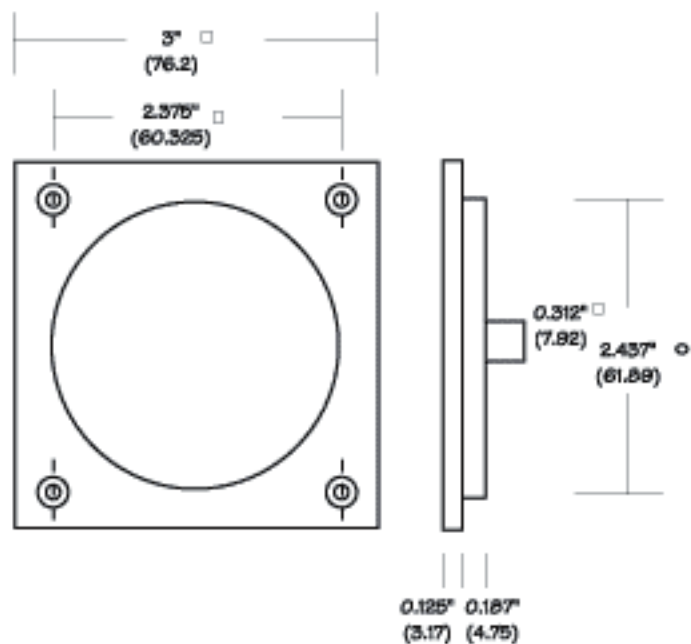
H400



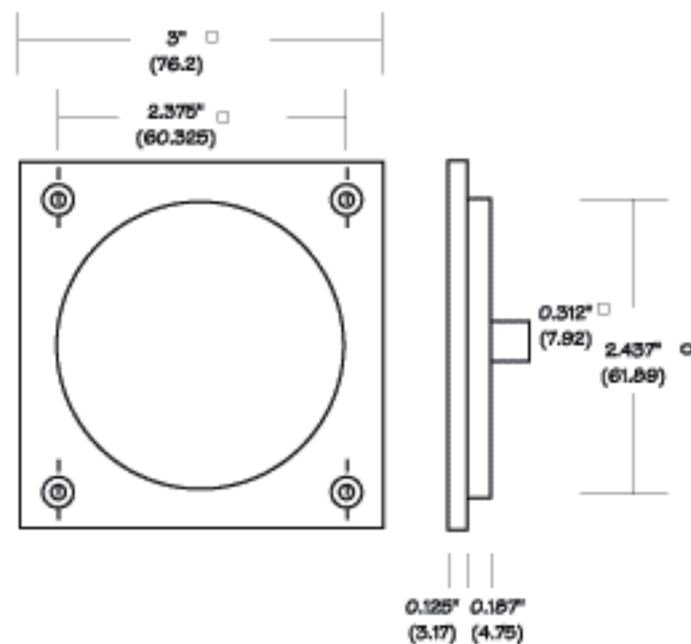
H401



SQUASH COURT RING PULL



DROP RING PULL



MATERIALS

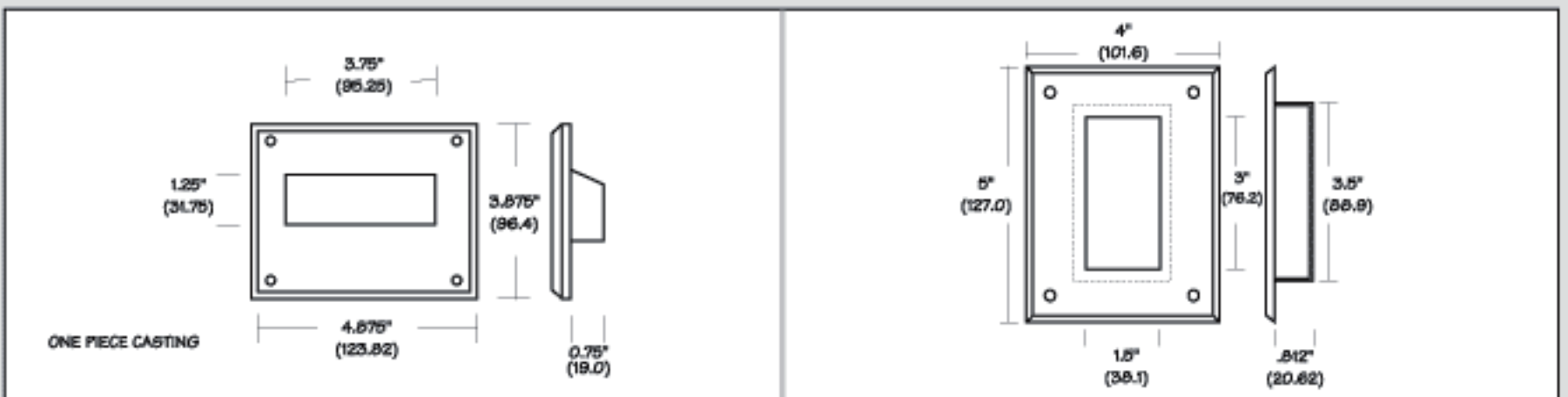
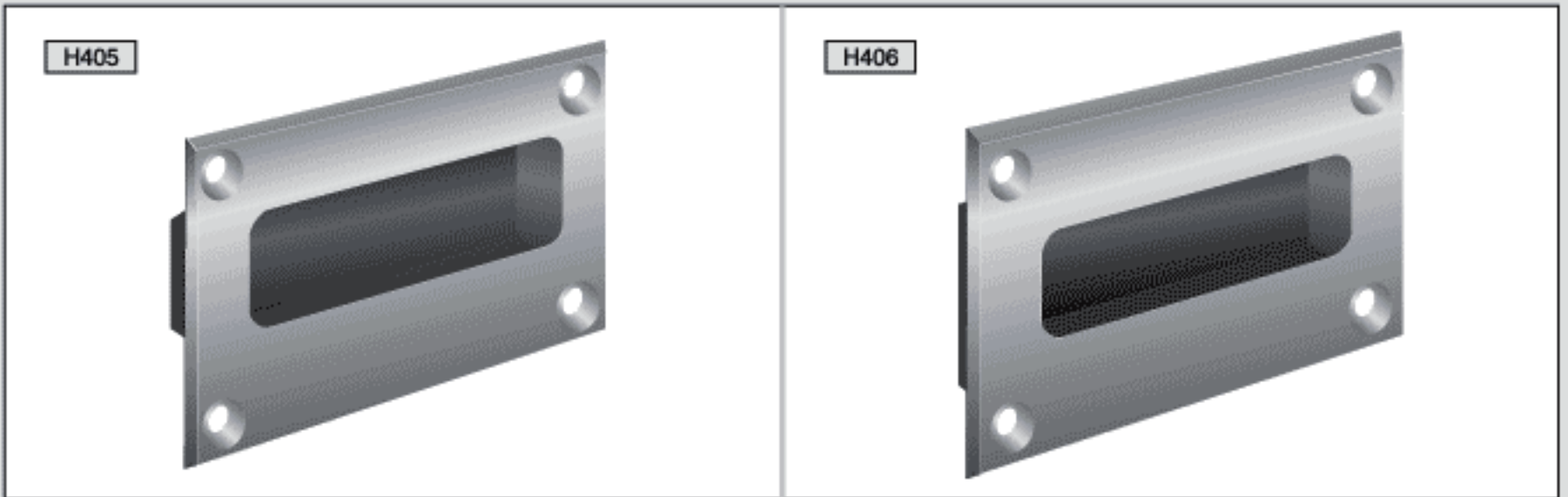
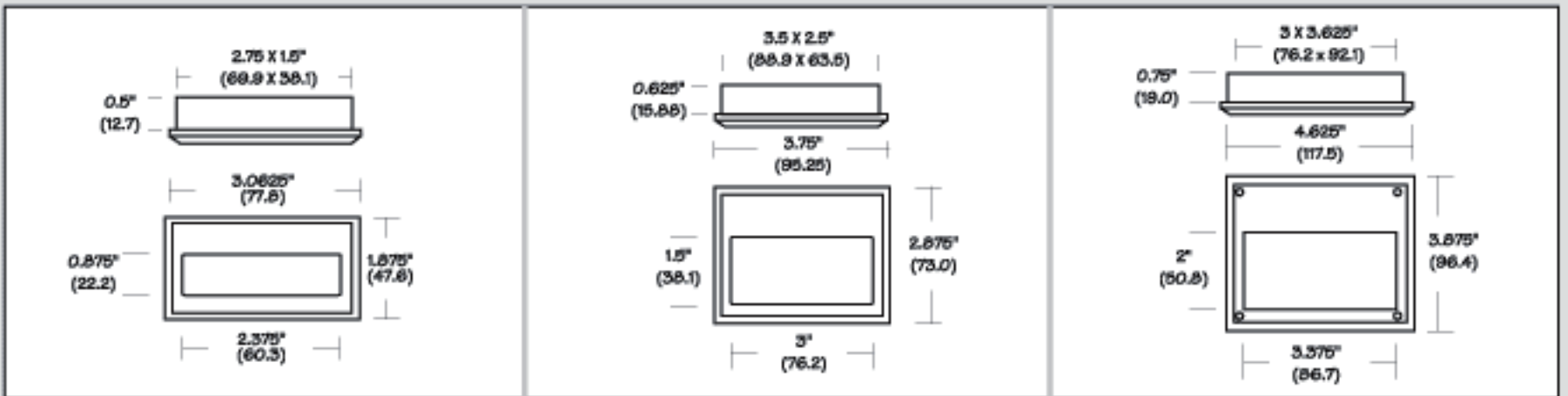
CAST BRASS,
BRONZE

FINISHES

ALL
STANDARD



FLUSH PULLS H SERIES

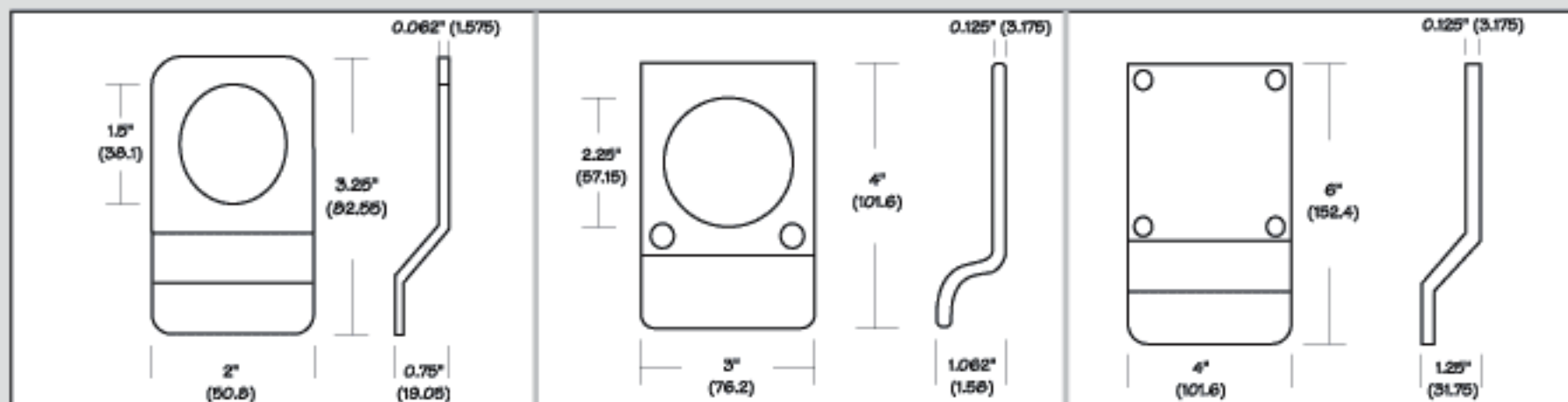
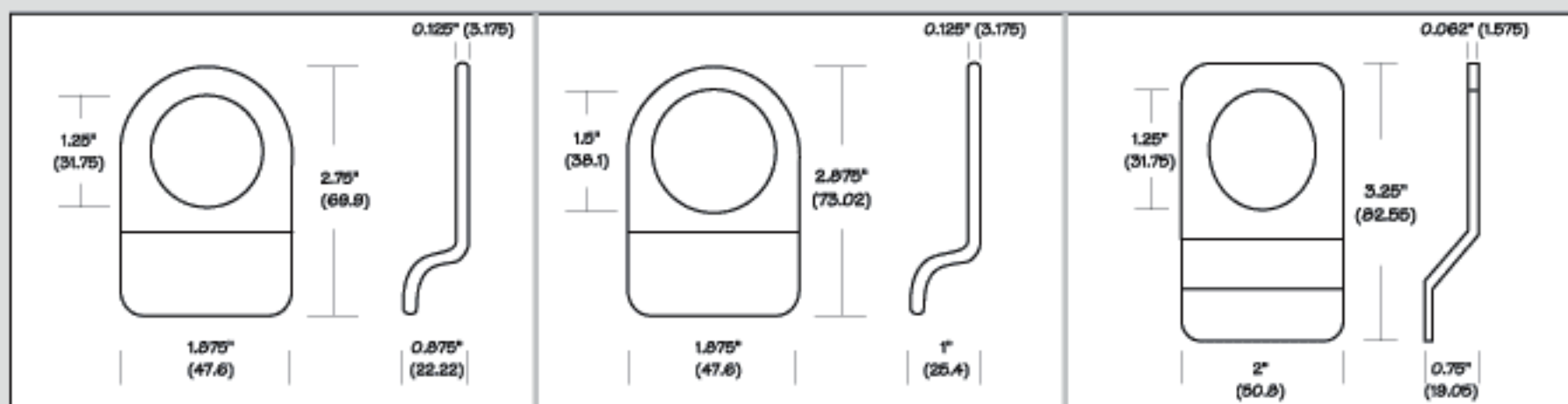


MATERIALS	FINISHES
H402 - H405 CAST BRASS, BRONZE, ALUMINUM H406 - STAINLESS STEEL	ALL STANDARD



CYLINDER PULLS H SERIES

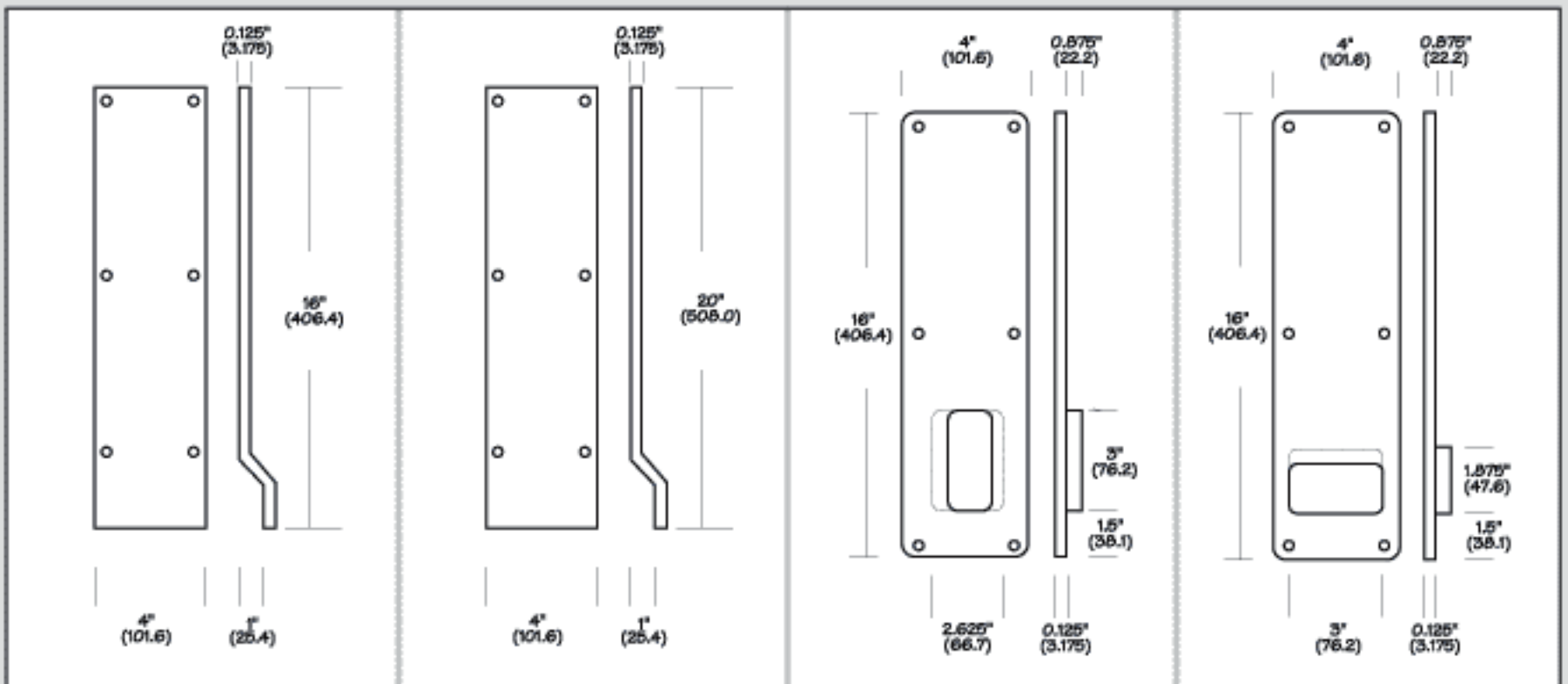
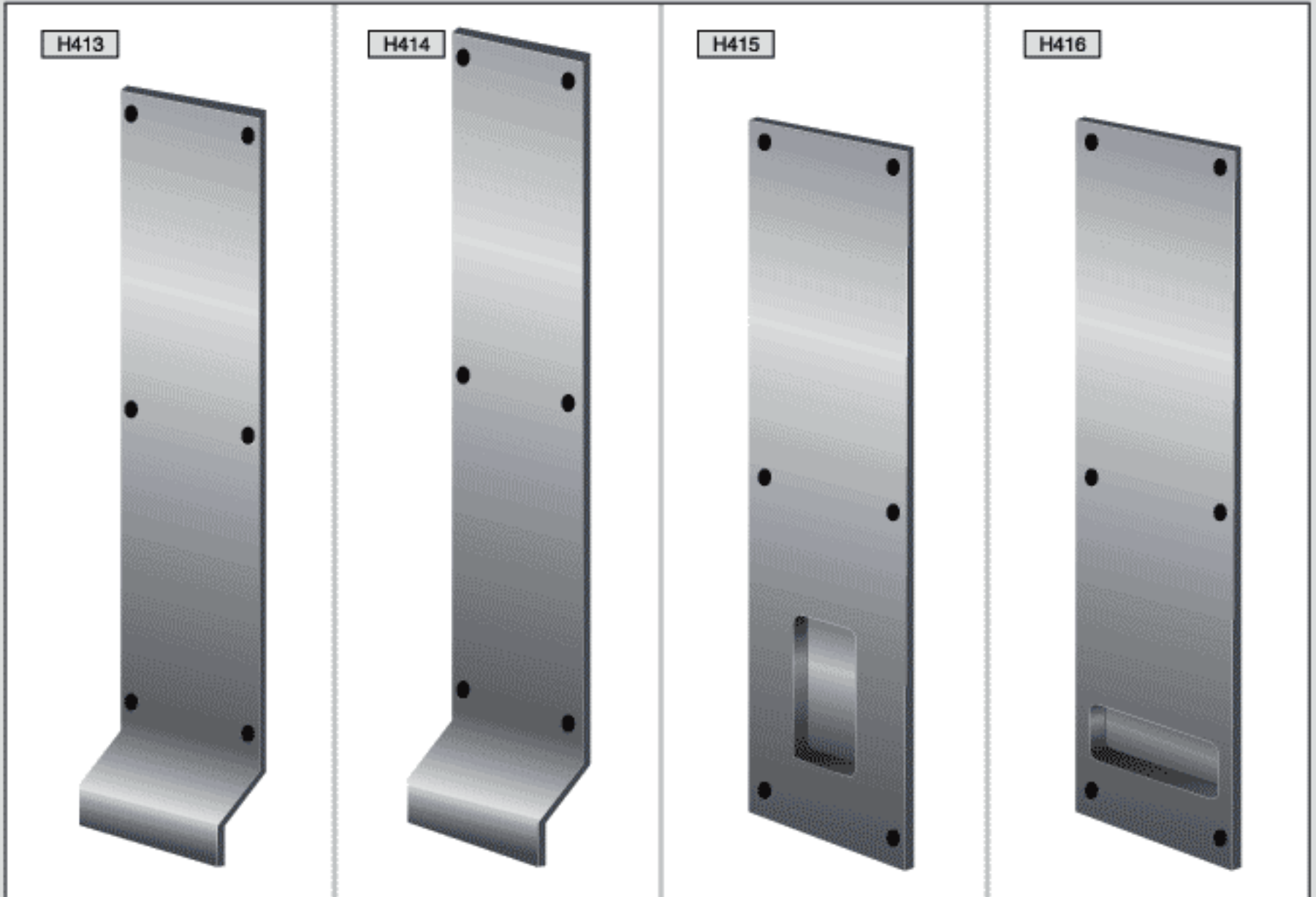
44



MATERIALS	FINISHES
<p>H407 - H408 CAST BRASS, BRONZE H409 - H410 STEEL H411 - H412 SOLID BRASS, BRONZE, ALUMINUM, STAINLESS STEEL</p>	<p>ALL STANDARD</p>



PULL PLATES H SERIES



MATERIAL	FINISHES
BRASS, BRONZE, ALUMINUM, STAINLESS STEEL	ALL STANDARD



INSTITUTIONAL PULLS H SERIES

46

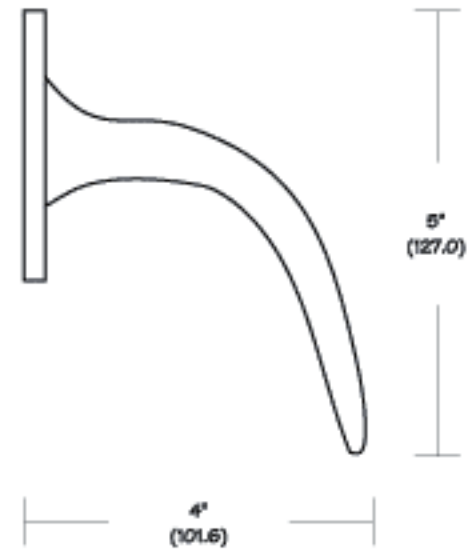
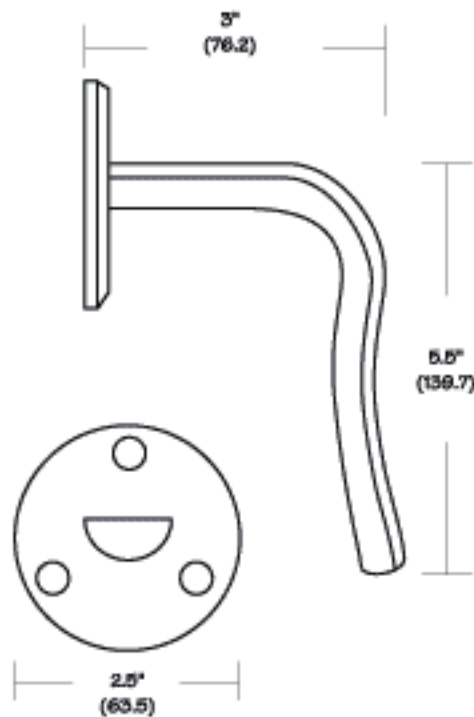
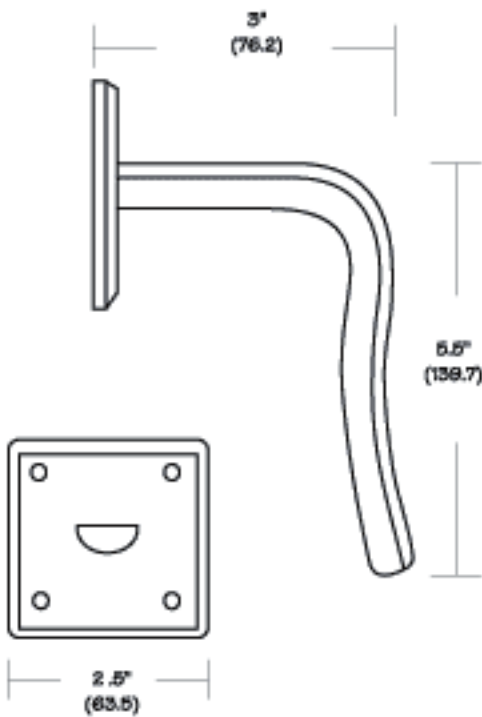
H417



H418



H419



MATERIALS

BRASS, BRONZE,
STAINLESS STEEL

FINISHES

ALL
STANDARD



INSTITUTIONAL PULLS H SERIES

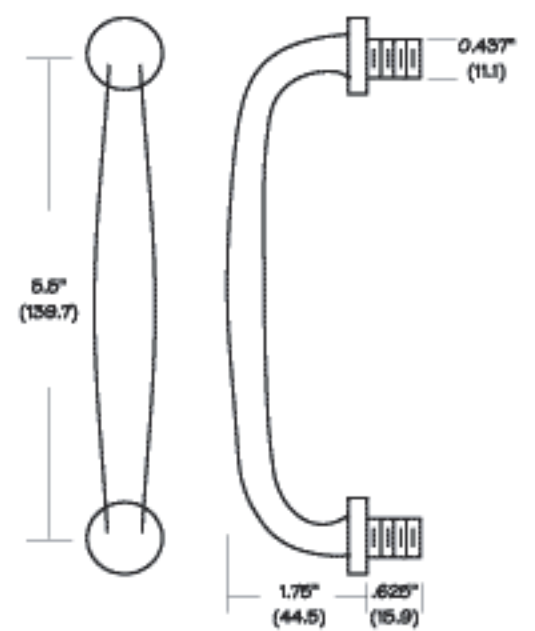
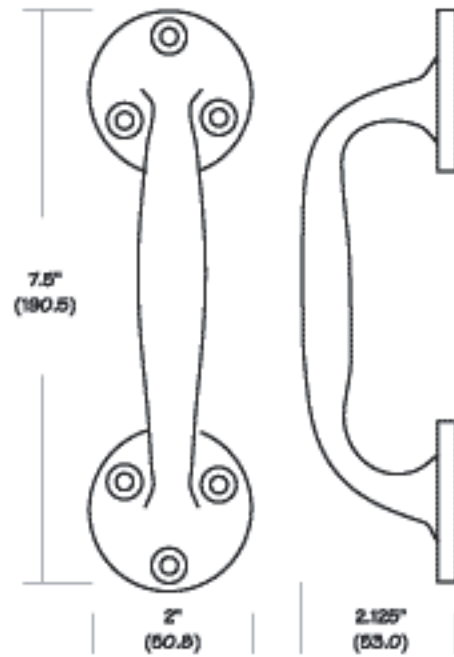
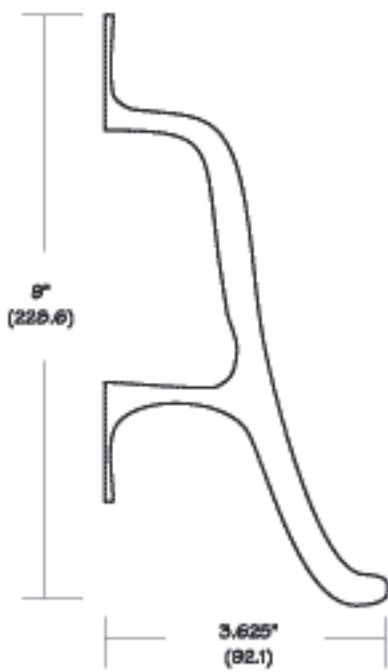
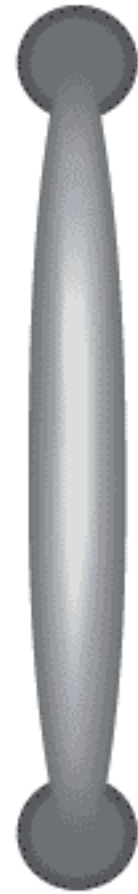
H420



H421



H422



MATERIALS

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

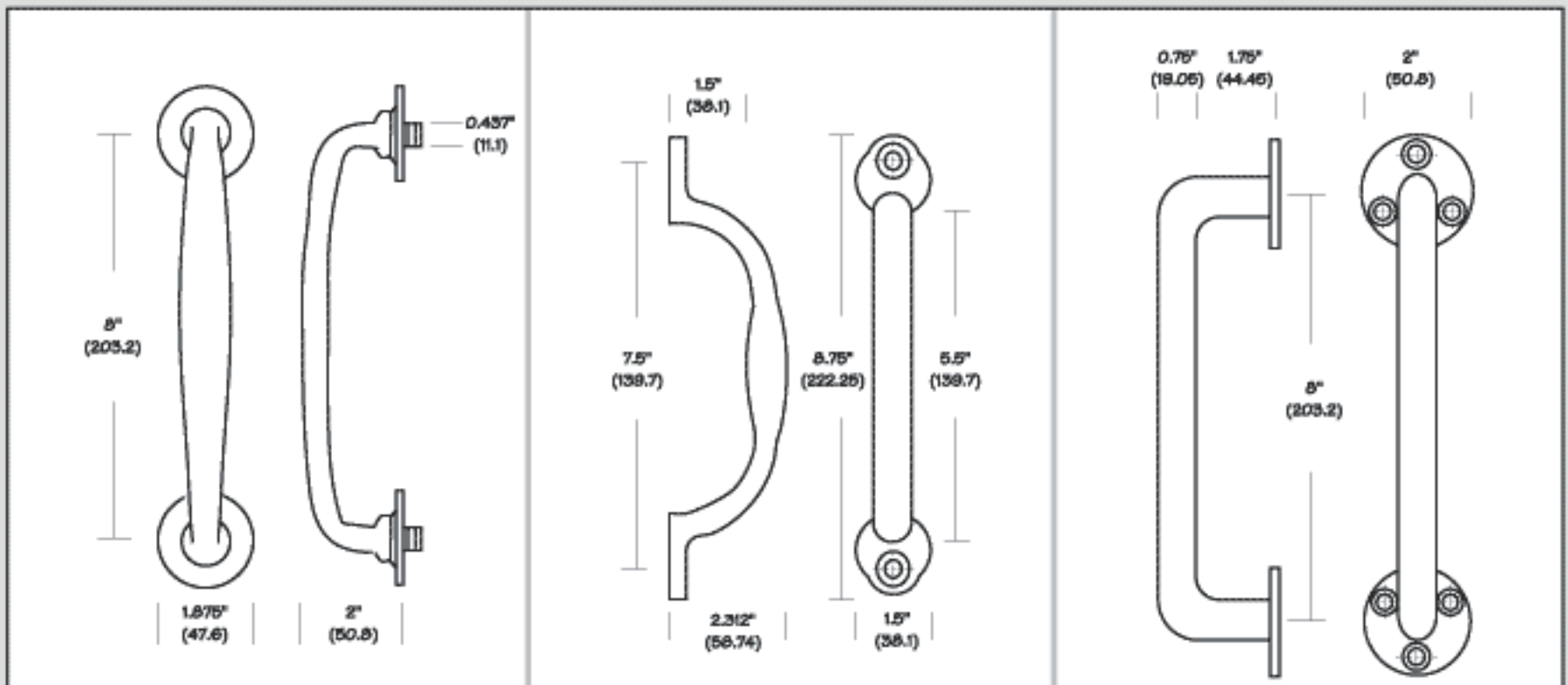
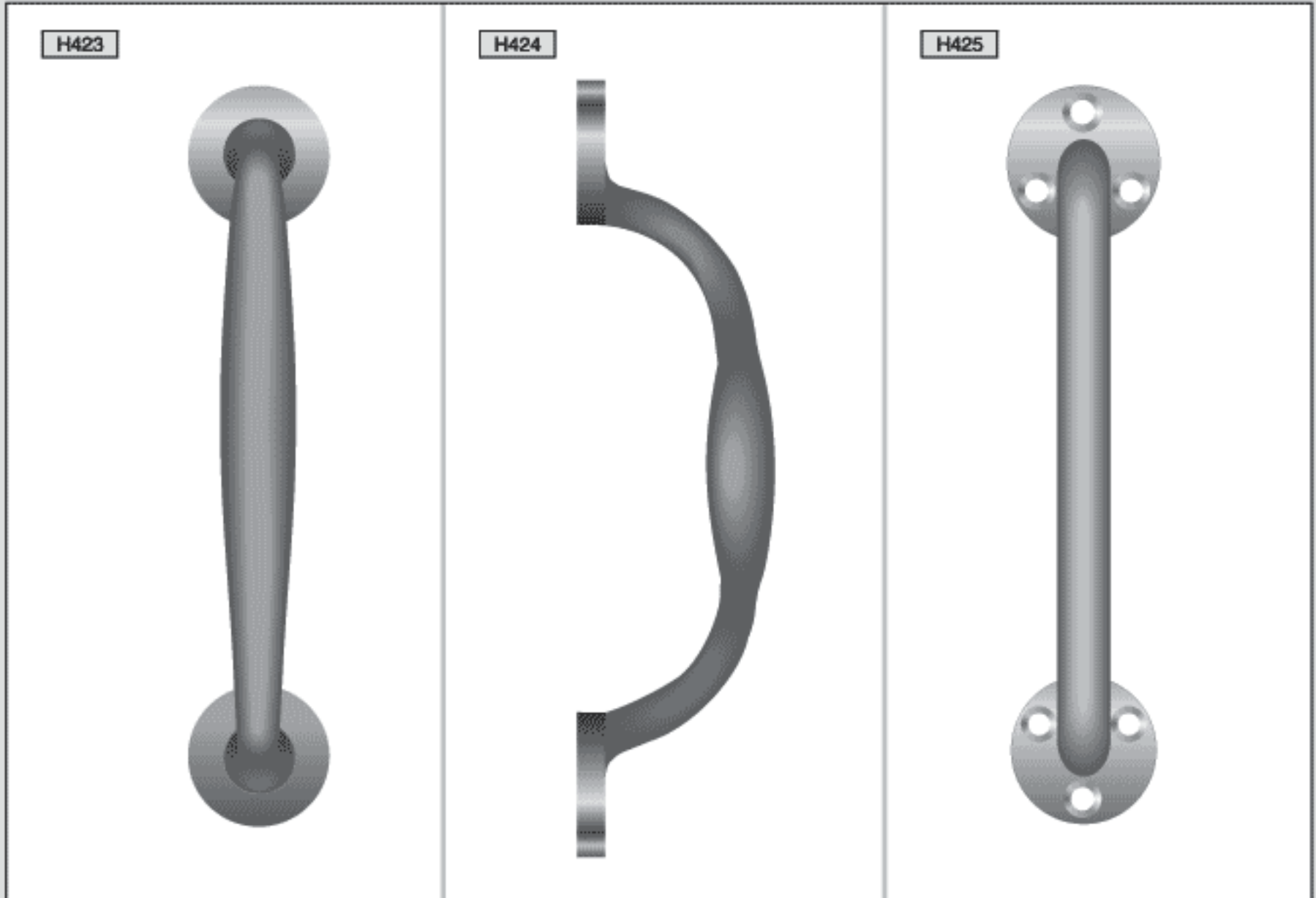
FINISHES

ALL
STANDARD



INSTITUTIONAL PULLS H SERIES

48

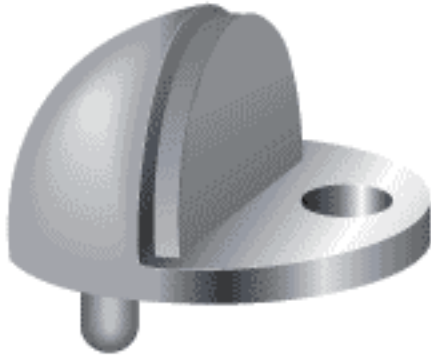


MATERIALS	FINISHES
H423 - H424 CAST BRASS, BRONZE H425 SOLID BRASS, BRONZE, ALUMINUM, STAINLESS STEEL	ALL STANDARD

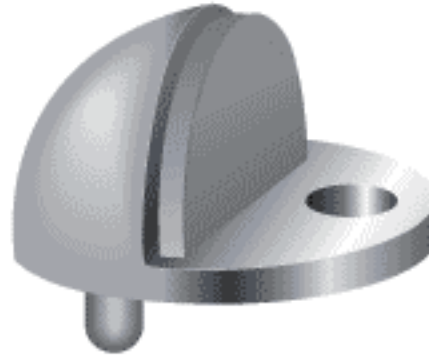


FLOOR STOPS S SERIES

S100 DOME DOOR STOP



S101 HEAVY DUTY DOME DOOR STOP



DOME DOOR STOP

S100

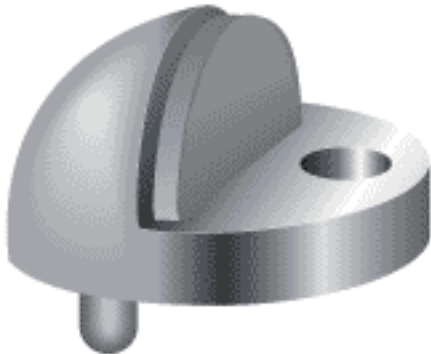
- 1.875" (47.625) DIAM. x 1" (25.4) HIGH x 0.25" (6.35) RISE
- 1 PIECE ZINC DIE CAST CONSTRUCTION
- 0.125 LBS. EACH (0.056KG.)
- SUPPLIED WITH SCREWS & SHIELDS
- STANDARD FINISHES

HEAVY DUTY DOME DOOR STOP

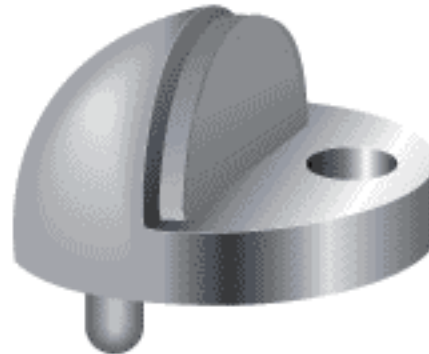
S101

- 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

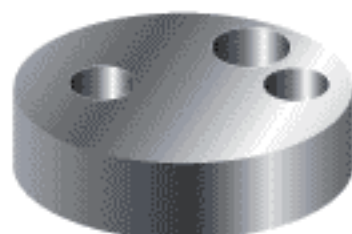
S103

- 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

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

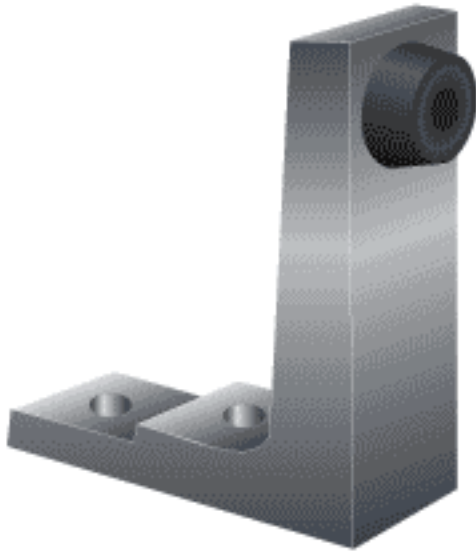
S112

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

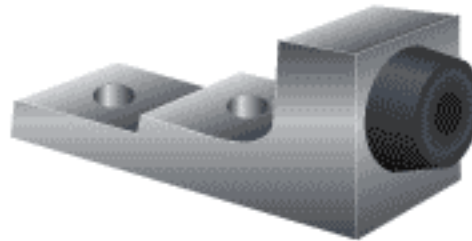


FLOOR STOPS S SERIES

S113 HEAVY DUTY FLOOR STOP



S114 HEAVY DUTY FLOOR STOP



HEAVY DUTY FLOOR STOP

S113

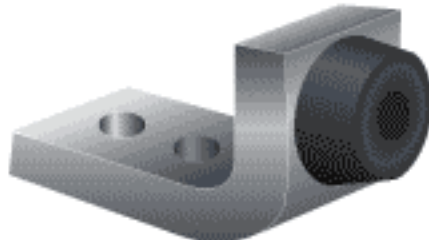
- 3.5" (88.9) HIGH x 3.375" (85.725) LENGTH x 1.25" (31.75) WIDTH
- CAST BRASS OR BRONZE
- STANDARD FINISHES
- SUPPLIED WITH LAG BOLTS AND SHIELDS

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

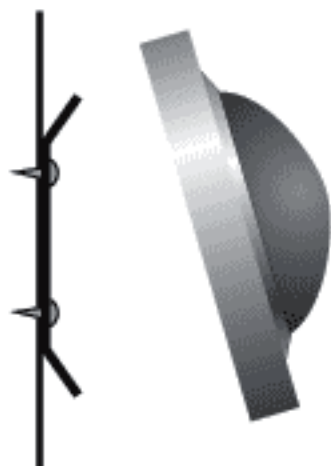
S116

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

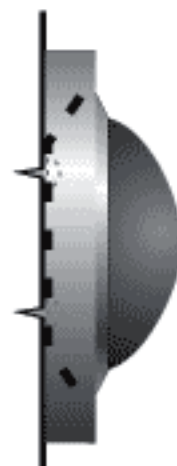


WALL STOPS S SERIES

FOR A POSITIVE SECURE INSTALLATION

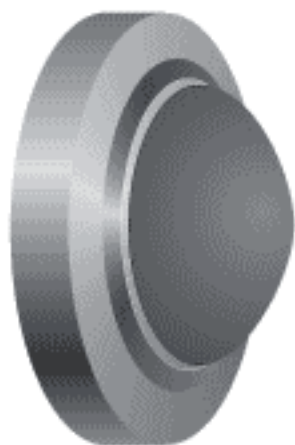


METAL BACKPLATE SECURES TO WALL WITH SCREWS AND SHIELDS

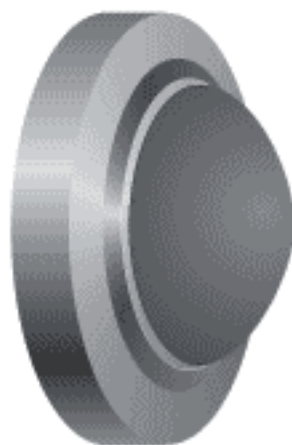


HOUSING AND RUBBER FITS OVER BACKPLATE AND SECURED WITH SET SCREW

S120 CONVEX WALL STOP



S121 HEAVY DUTY CONVEX WALL STOP



CONVEX WALL STOP

S120

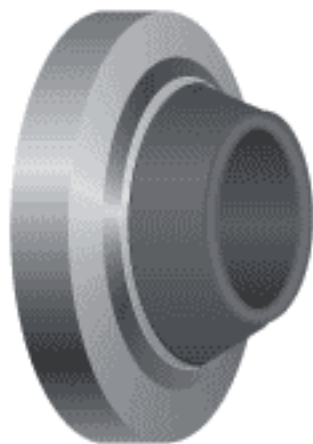
- 2.375" (60.325) DIAM. x 1" (25.4) PROJECTION
- ZINC DIE CAST
- 0.187 LBS EACH (0.085 KG.)
- COMPLETE WITH SCREWS AND SHIELDS
- ALL STANDARD FINISHES

HEAVY DUTY CONVEX WALL STOP

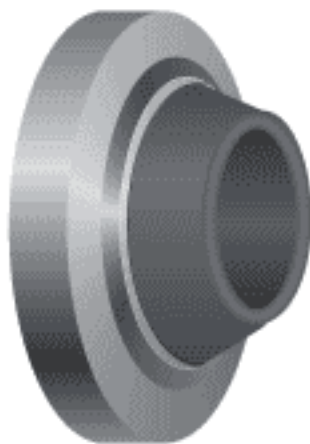
S121

- 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

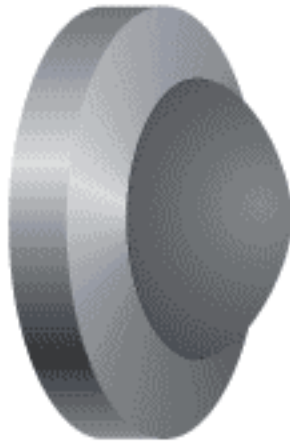
S123

- 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

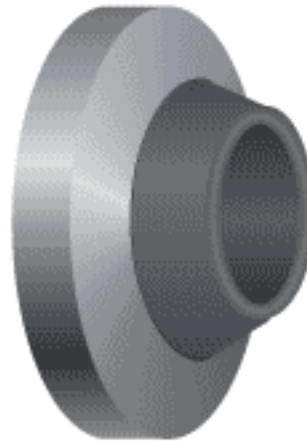


WALL STOPS S SERIES

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



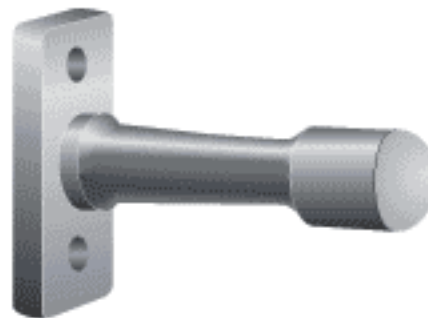
S127 TAPED BACK RUBBER BUMPER



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

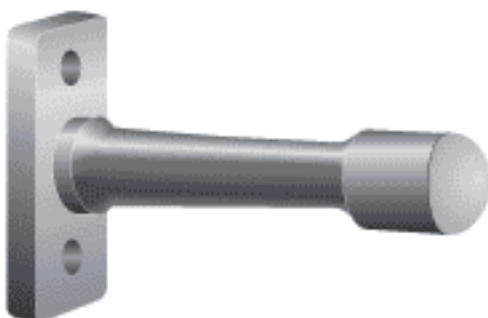
- 1.75" (50.8) DIAM. x 0.937" (23.8) PROJECTION
- GRAY RUBBER

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



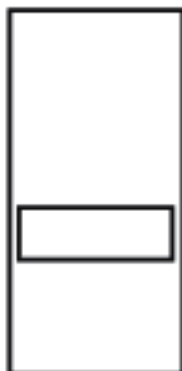
DOOR PLATES K SERIES

54

ARMOR



STRETCHER



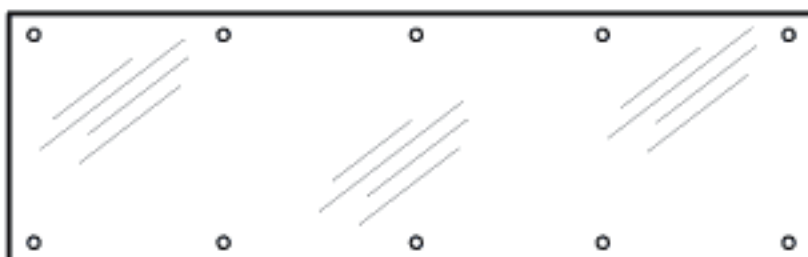
KICK



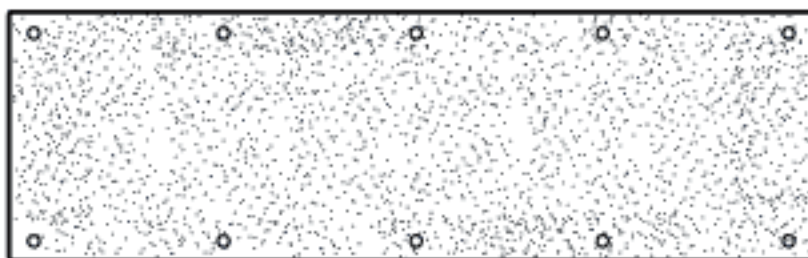
MOP



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" (3.81) 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" (3.81) 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

K11A



K11F



K11H



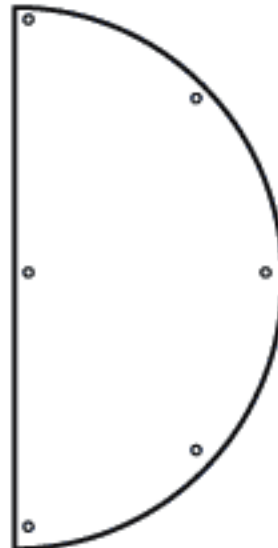
K11M



K12



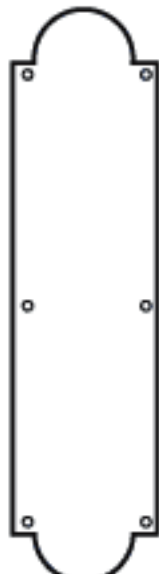
K13



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

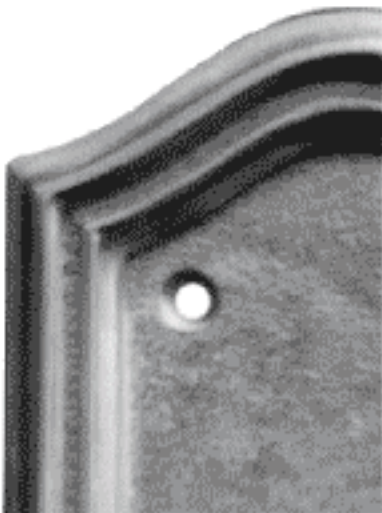


2" x 14" x 0.25" (50.8 x 355.6 x 6.35)

K19



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





CAST PUSH PLATES

K SERIES

K20



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

K21

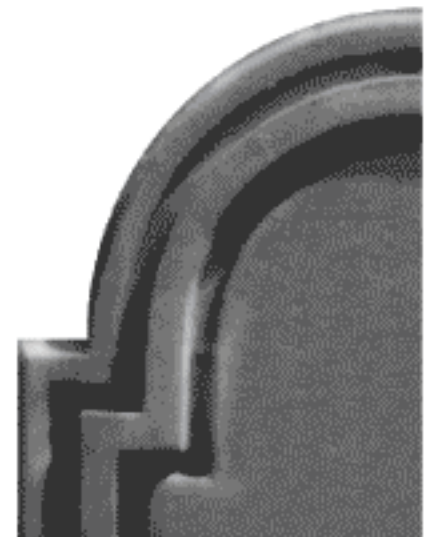


2.5" x 16" x 0.25" (63.5 x 406.4 x 6.35)

K22



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





CAST PUSH PLATES K SERIES

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" □ 6PINDLE. 4.5" x 2"

K26



0.312" □ 6PINDLE. 4.5" x 2"



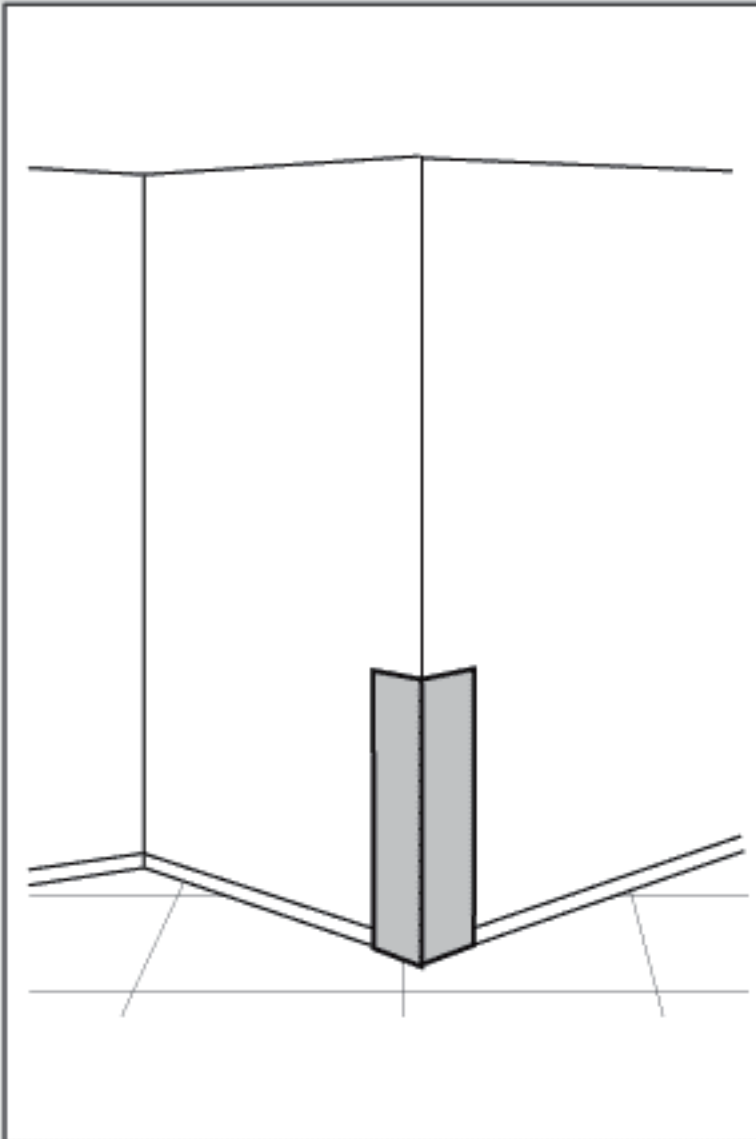
K27



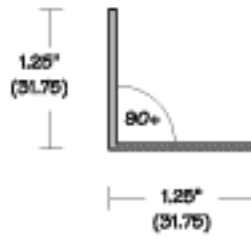
0.312" □ 6PINDLE. 4.5" x 2.25"



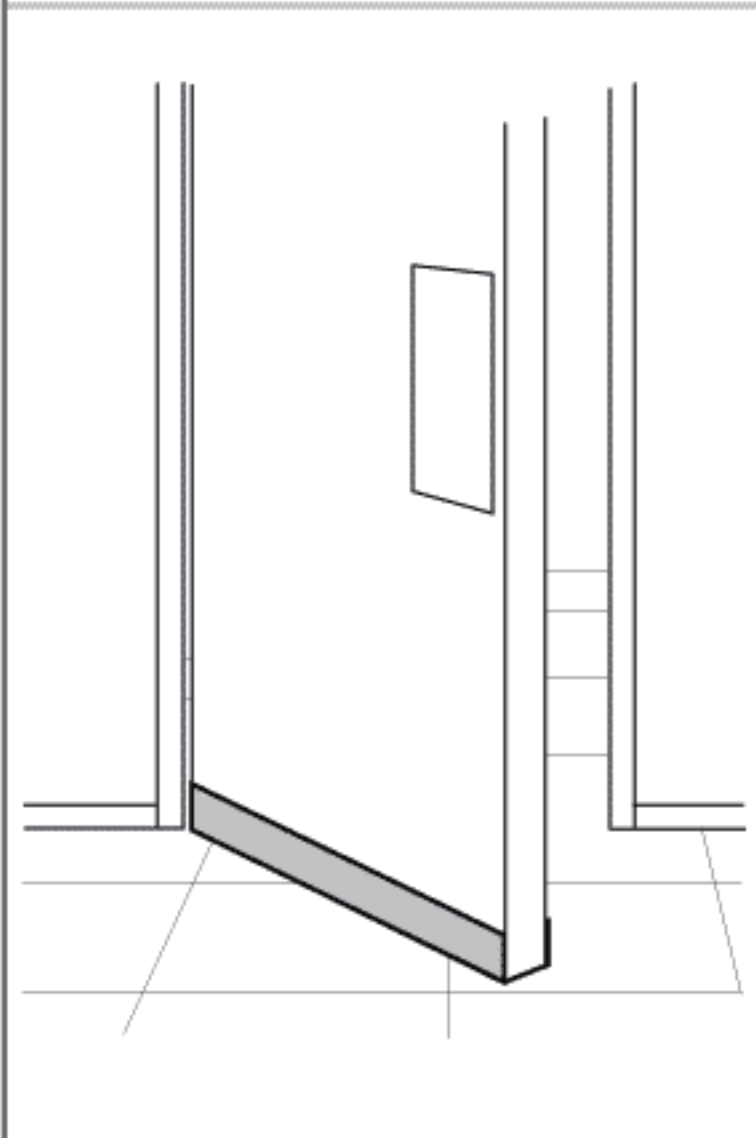
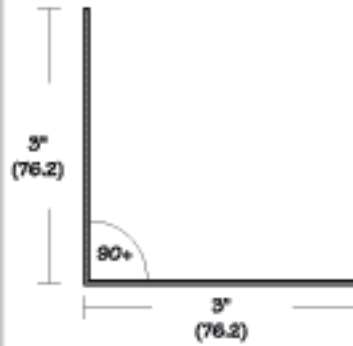
CORNER GUARDS / U-CHANNELS K SERIES



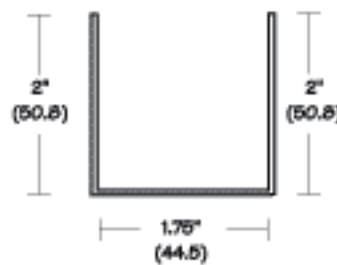
K28



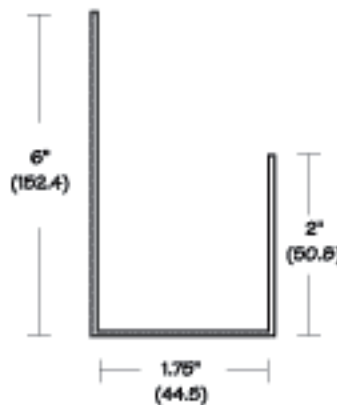
K29



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

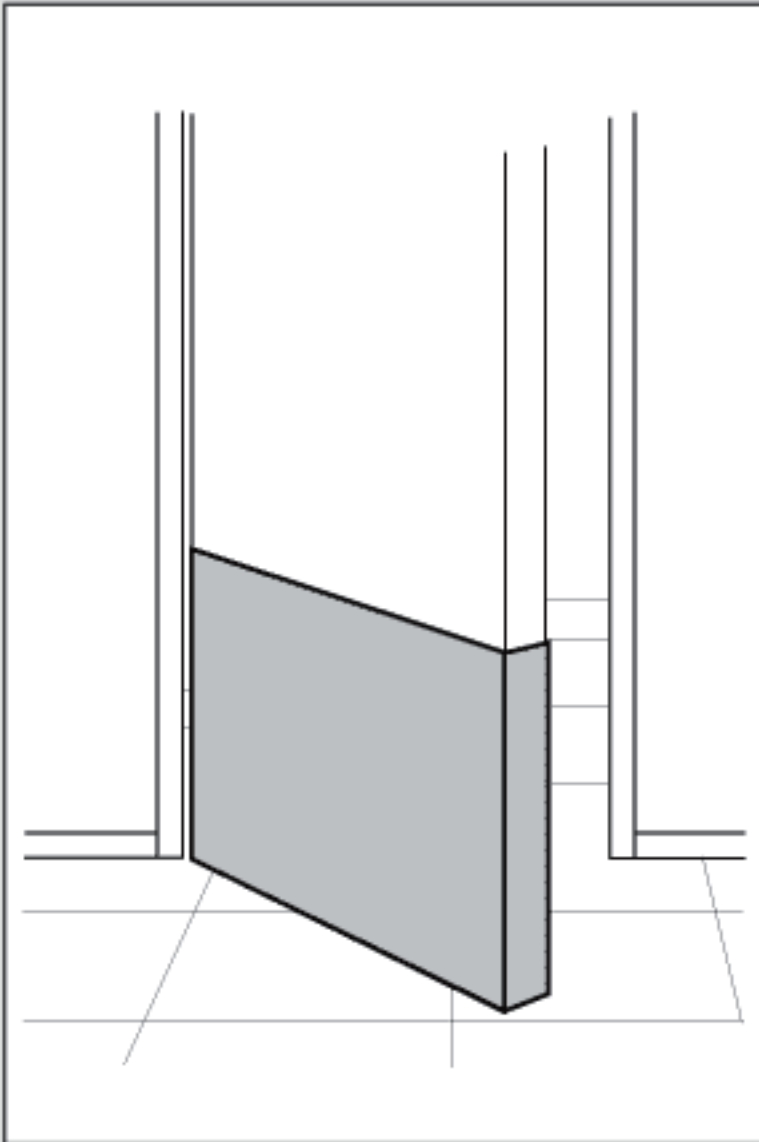
U-CHANNELS:

K30 - K31

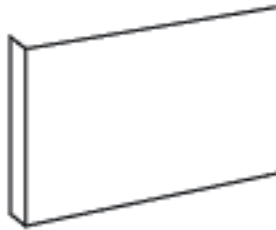
- USED FOR DOOR BOTTOM EXTENDING
- ALL ARCHITECTURAL FINISHES ARE AVAILABLE
- AVAILABLE MADE TO ORDER ONLY
- SCREW OR EPOXY MOUNTING
- STANDARD THICKNESS 0.050" (1.27)



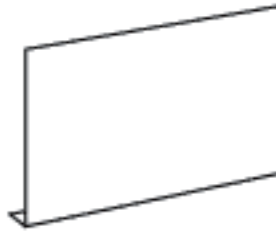
ANGLE PLATES / ASTRAGALS K SERIES



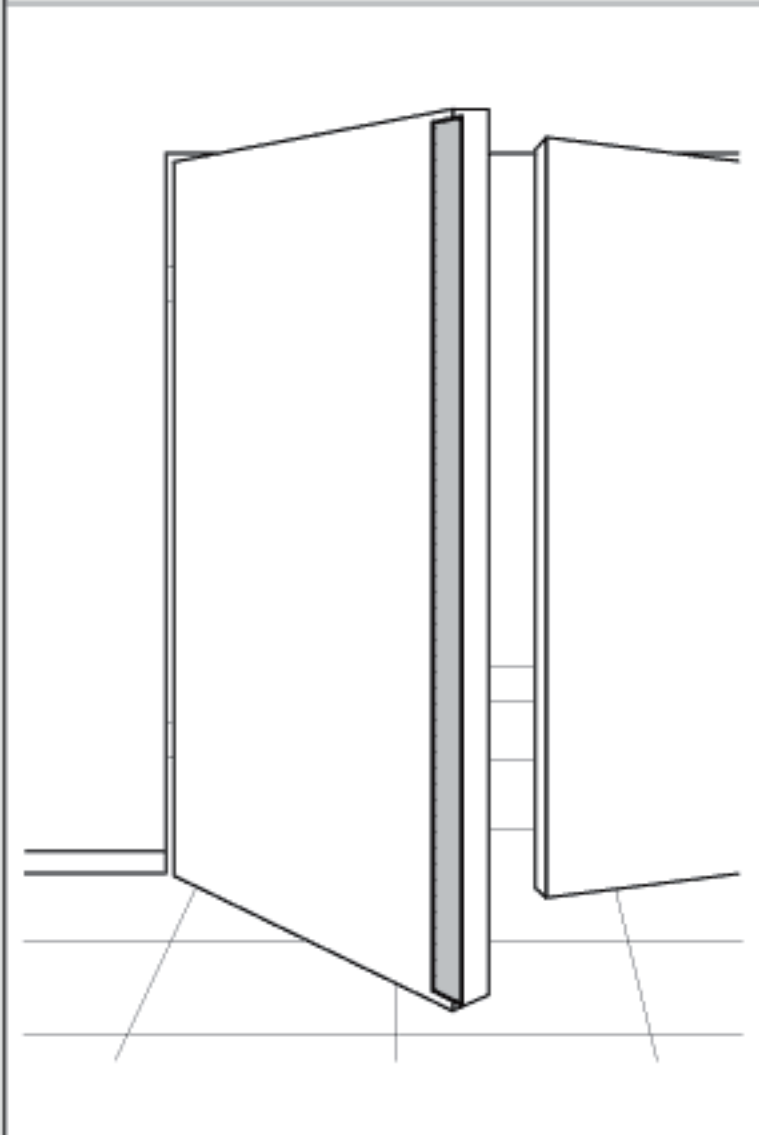
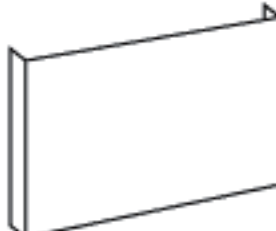
K32 SIDE ANGLE



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

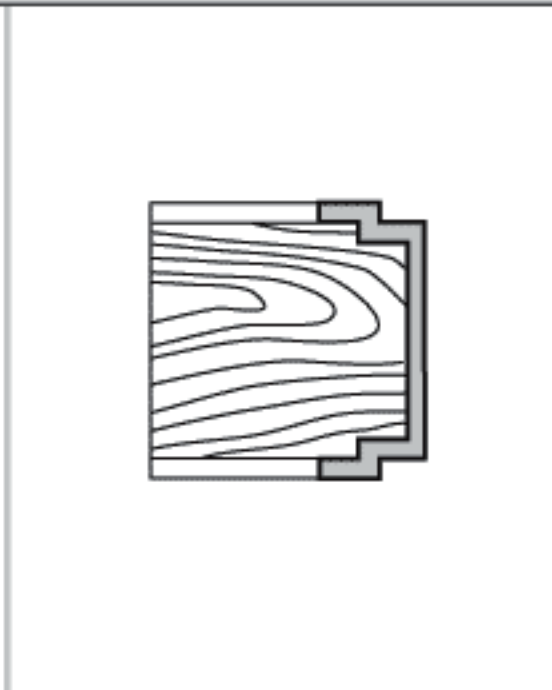
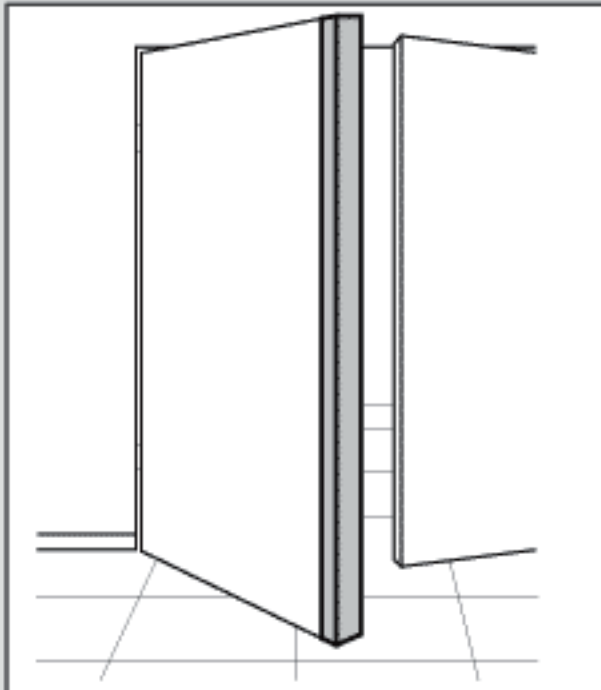
ASTRAGALS:

K35 - K36

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



EDGE GUARDS K SERIES



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
<p>K37</p>	<p>K41</p>	<p>K45</p>
<p>K38</p>	<p>K42</p>	<p>K46</p>
<p>K39</p>	<p>K43</p>	<p>K47</p>
<p>K40</p>	<p>K44</p>	<p>K48</p>



STRIKES, BLANKS T SERIES

62

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

MATERIALS

STEEL
ALL CURVED LIP, SPECIAL SIZES AVAILABLE.

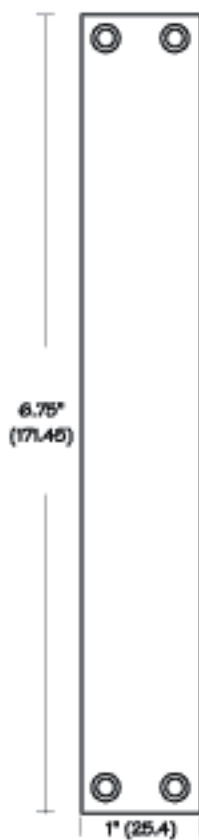
FINISHES

MOST
ARCHITECTURAL



FILLER PLATES, COVERS T SERIES

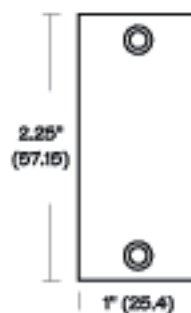
T57 FLUSH BOLT FILLER



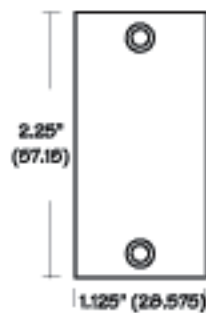
T58 LOCK FACE FILLER



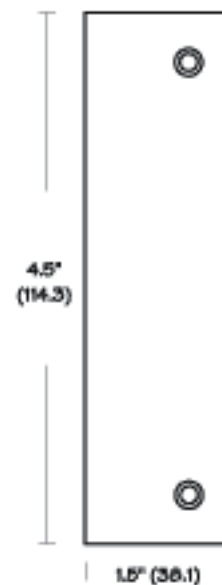
T59 BLANK LATCH FRONT



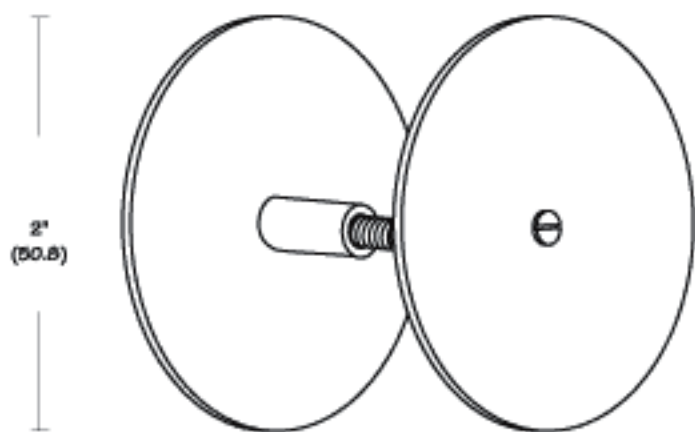
T60 BLANK LATCH FRONT



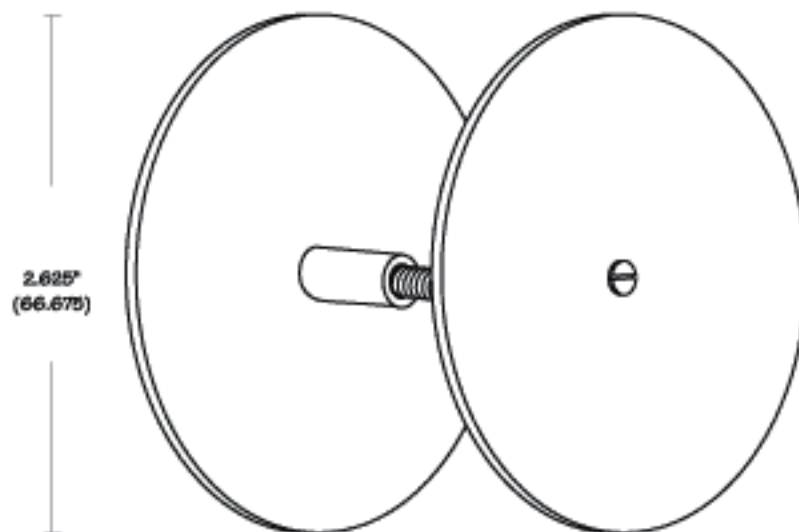
T61 HINGE FILLER



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

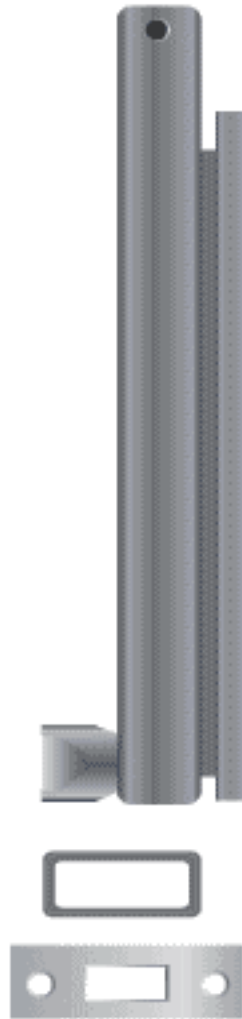
F65 EXTENSION BOLT



F66 FLUSH BOLT ADAPTOR



F67 HEAVY DUTY 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

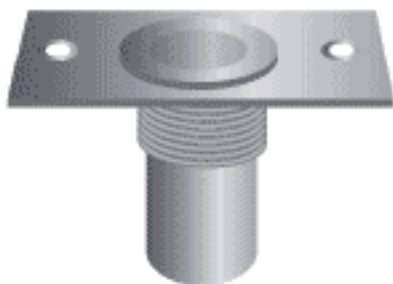
- FOR USE ON RABBETED DOORS
- FACE: 0.5" (12.7) x 6.75" (171.45)
- STANDARD FINISHES

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

F68 DUST PROOF STRIKE



F69 SURFACE BOLT



F70 SURFACE BOLT



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

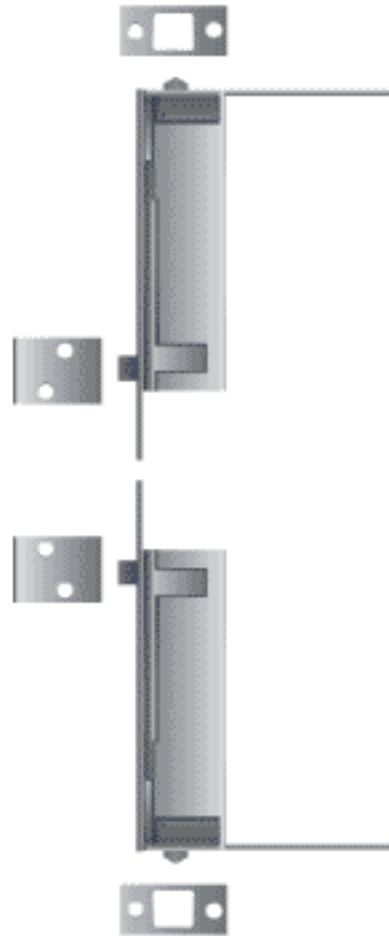


LATCHES, BOLTS F SERIES

F71 MD AUTOMATIC FLUSH BOLT



F72 WD AUTOMATIC FLUSH BOLT



AUTOMATIC FLUSH BOLTS

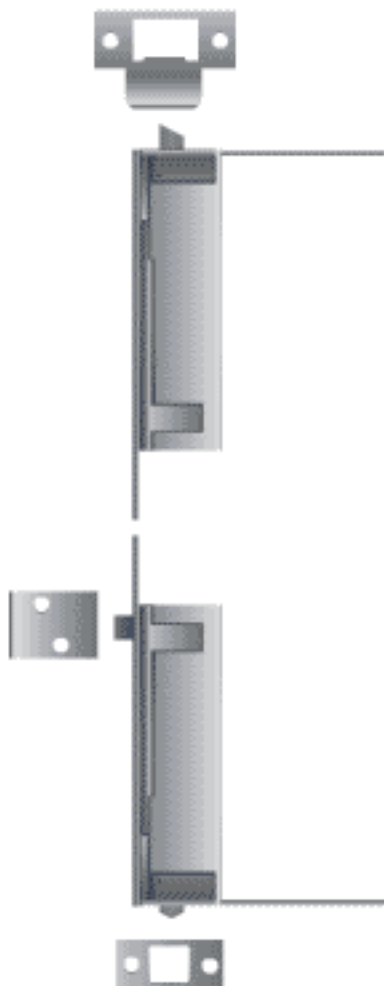
F71 MD - F72 WD

- 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

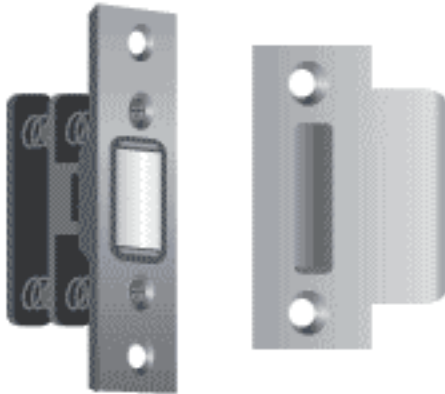
- F73 MD - F74 WD** BOLT ON BOTTOM OF DOOR, SELF LATCHING BOLT AT TOP OF DOOR
- ACTIVE DOOR BOTTOM BOLT OPENS
 - AUTOMATICALLY WHEN DOOR IS OPENED, INACTIVE DOOR STAYS LATCHED AT TOP UNTIL PLUNGER IS DEPRESSED ON BOLT FACE
 - TOP BOLT LOCKS EACH TIME INACTIVE DOOR IS CLOSED
 - SOLD IN PAIRS
 - STANDARD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

-
-



LATCHES, BOLTS F SERIES

F75 HEAVY DUTY ROLLER LATCH



F76 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

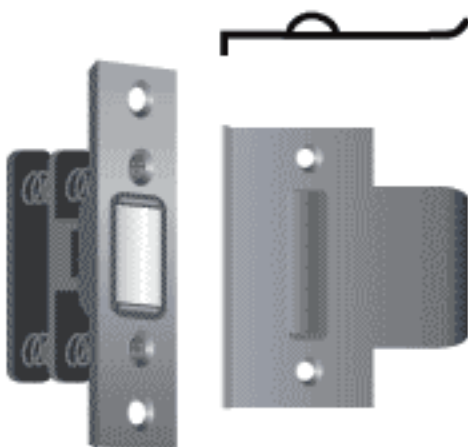
- ROLLER LATCH: 3.75" (95.25) x 1" (25.4)
- STRIKE: 2.25" (57.15) x 1.75" (44.45)

HEAVY DUTY ROLLER LATCH

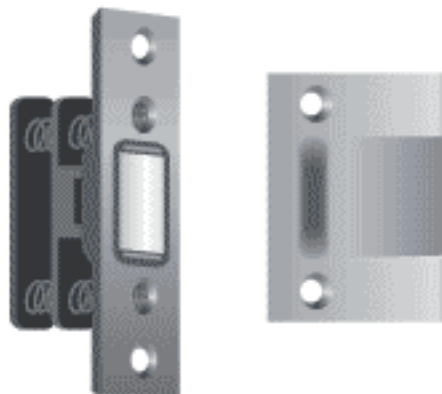
F79

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

F77 HEAVY DUTY ROLLER LATCH



F78 HEAVY DUTY ROLLER LATCH



F79 HEAVY DUTY ROLLER LATCH



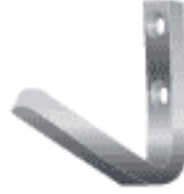


COAT HOOKS P SERIES

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



EXPOSED 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

CONCEALED 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

P148 CONCEALED HAT AND COAT HOOK



P149 CONCEALED COAT HOOK



P150 HAT AND COAT HOOK



P151 COAT HOOK



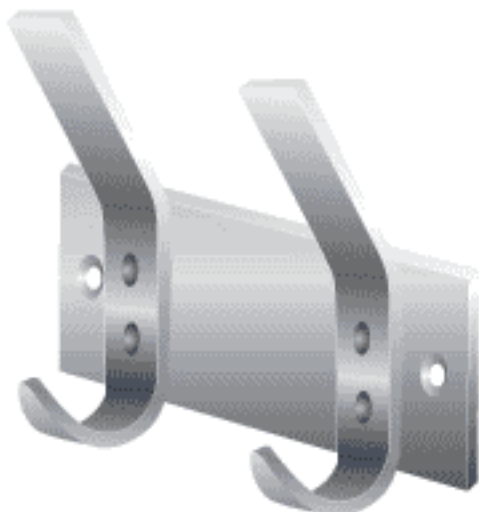
P152 COAT HOOK



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" (57.1) PROJECTION
- MATERIAL: ALUMINUM, BRASS, BRONZE, STAINLESS STEEL
- FINISH: ALL STANDARD

HAT AND COAT HOOK

P150

- 3.75" (95.3) HEIGHT
- 2.75" (70.2) 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

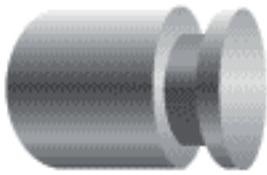
P154

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

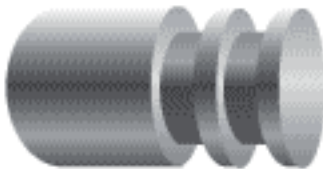


COAT HOOKS P SERIES

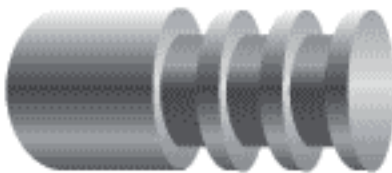
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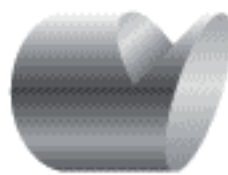
P156



P157



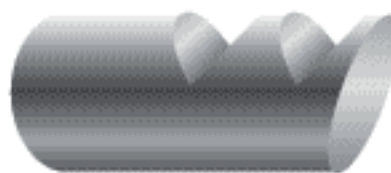
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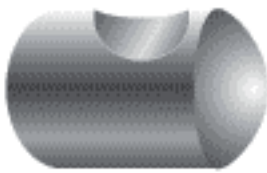
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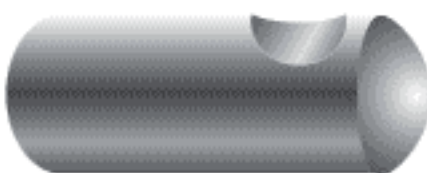
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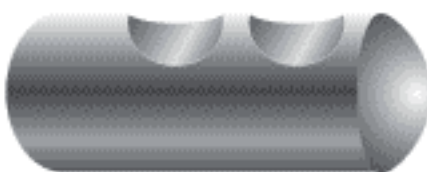
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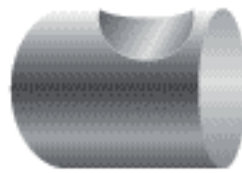
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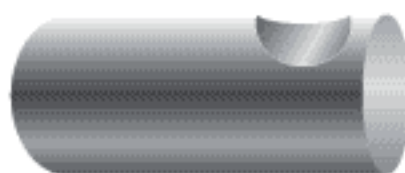
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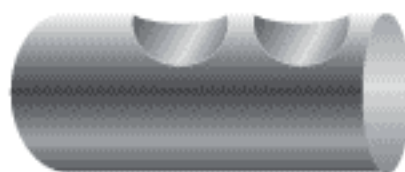
P164



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

- 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

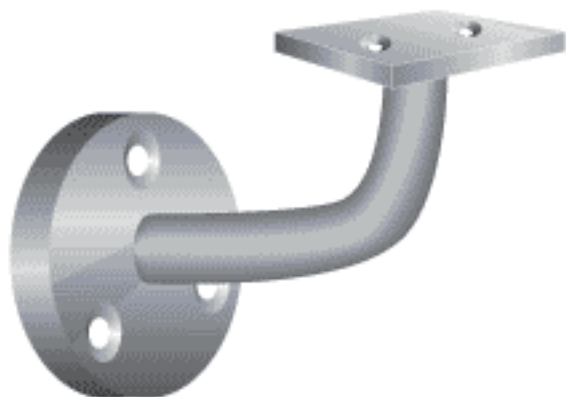


HAND RAIL BRACKET

J190

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

J191

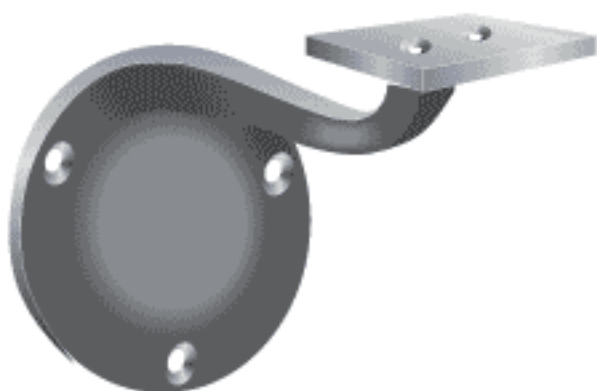


HAND RAIL BRACKET

J191

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

J192

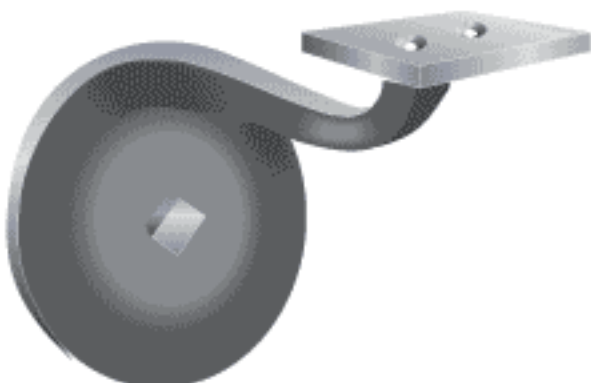


HAND RAIL BRACKET

J192

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

J193



HAND RAIL BRACKET

J193

- 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

M85A
M85B
M85C
M85D



M86



M87A
M87B



M88



M89



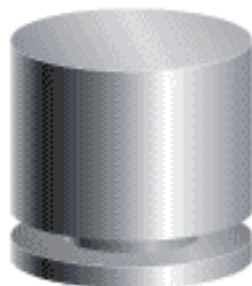
M90



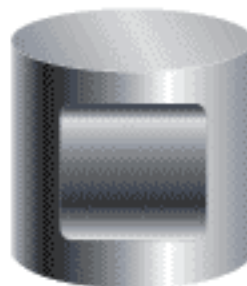
M91



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

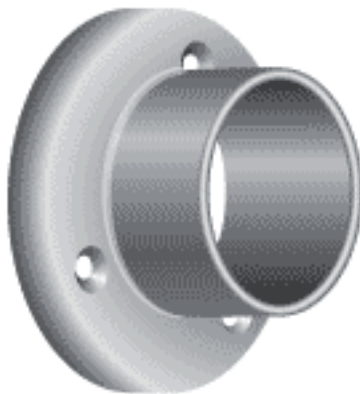
- SIZE: 1.25" (31.75) x 0.049" (1.25)
- MATERIALS: BRASS, STAINLESS STEEL, STEEL
- FINISH: C3, C26, C32

ROD SUPPORT

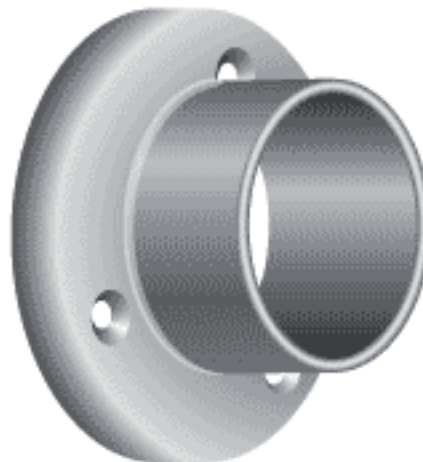
R82

- 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



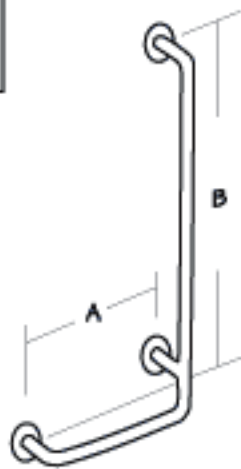
G200 - G207 STRAIGHT BAR



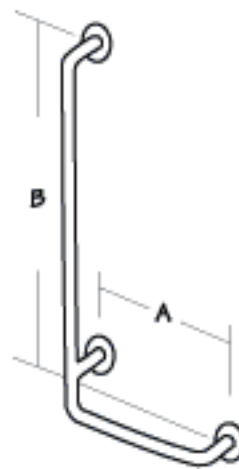
STRAIGHT BAR

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

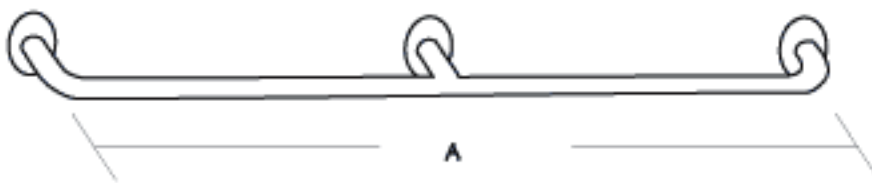


90° BAR A B

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)

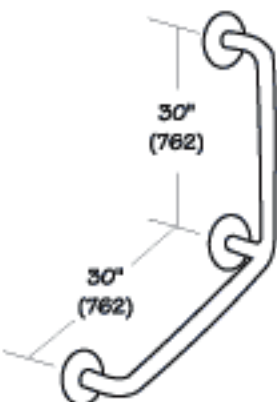
G214 - G217 STRAIGHT BAR WITH CENTRE SUPPORT



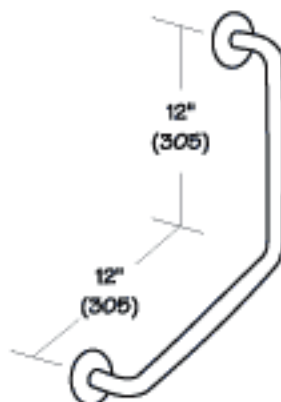
STRAIGHT BAR WITH CENTRE SUPPORT

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

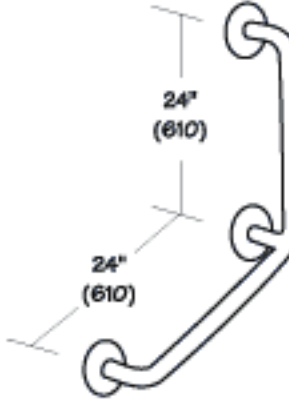
G218 90° BAR



G219 120° BAR



G220 120° BAR



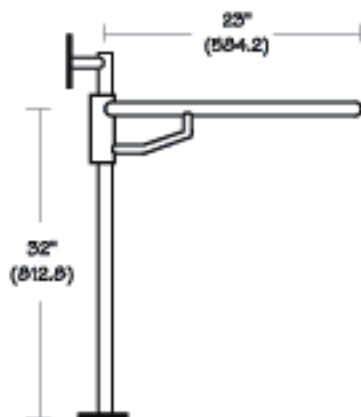
G218	30" (762) x 30" (762), 90°
G219	12" (304.8) x 12" (304.8), 120°
G220	24" (609.6) x 24" (609.6), 120°



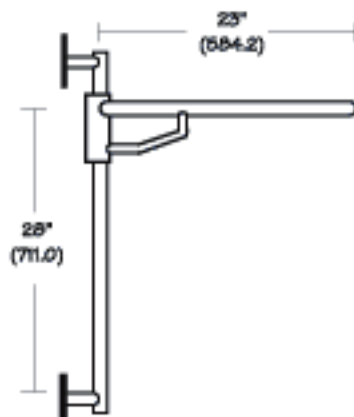
GRAB BARS G SERIES



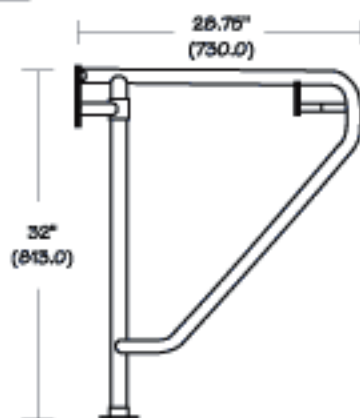
G221 SWING AWAY GRAB BAR



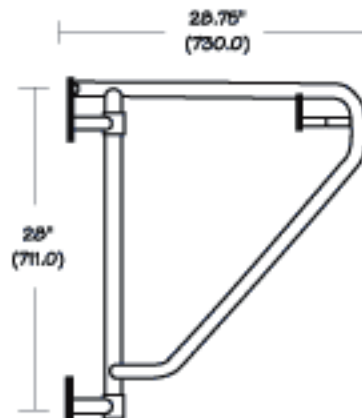
G222 SWING AWAY GRAB BAR



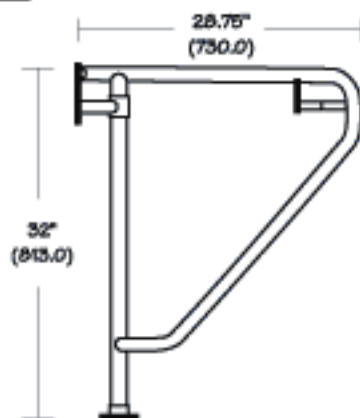
G223 SWING AWAY GRAB BAR



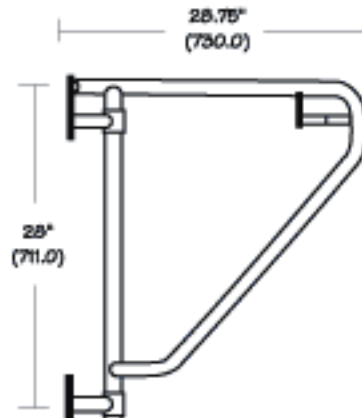
G224 SWING AWAY GRAB BAR



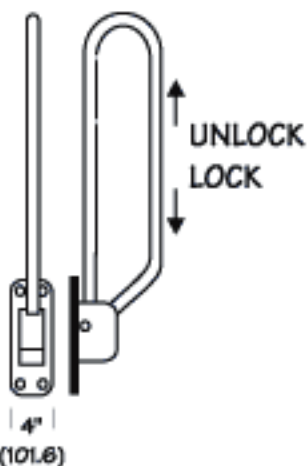
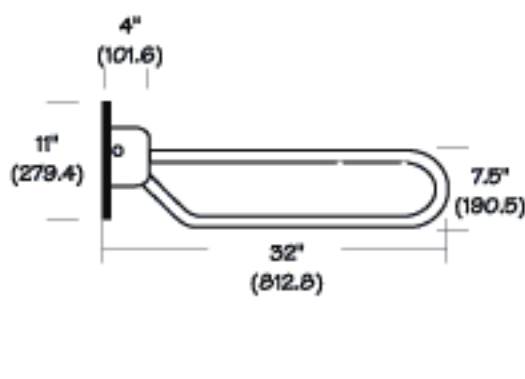
G225 SWING AWAY GRAB BAR



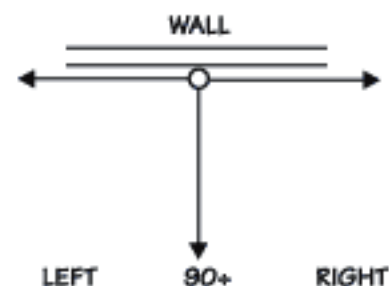
G226 SWING AWAY GRAB BAR



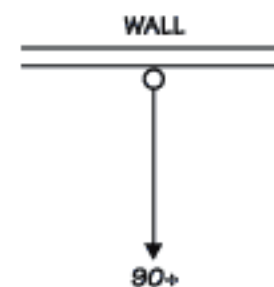
G227 LIFT-UP GRAB BAR



LOCKING POSITION

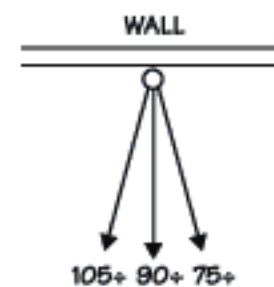


LOCKING POSITION



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



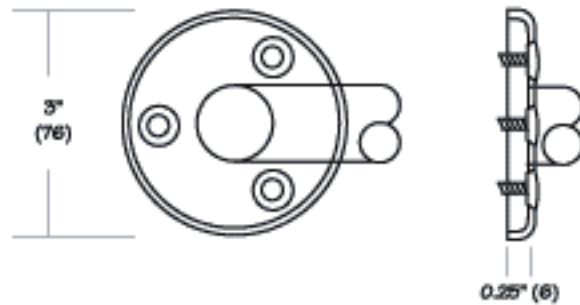
GRAB BARS G SERIES



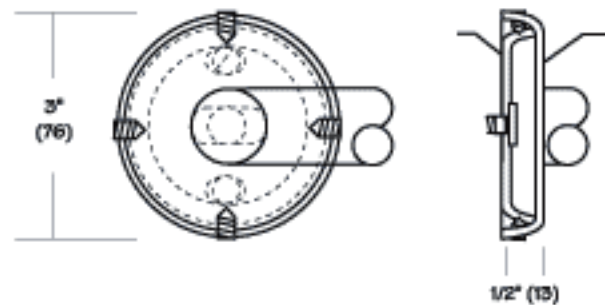
STAINLESS STEEL GRAB BARS

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.

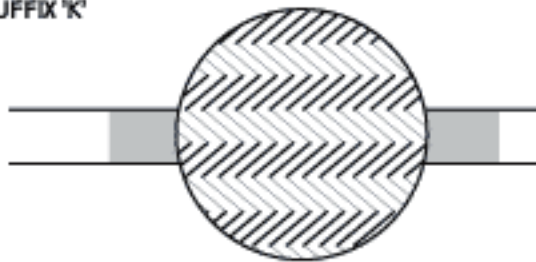
EXPOSED MOUNTING



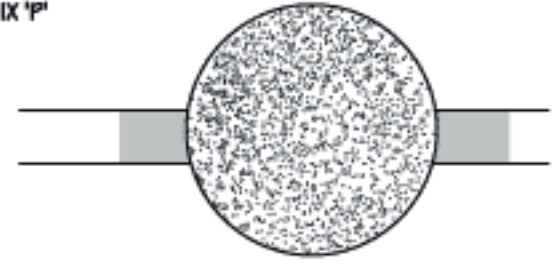
CONCEALED MOUNTING



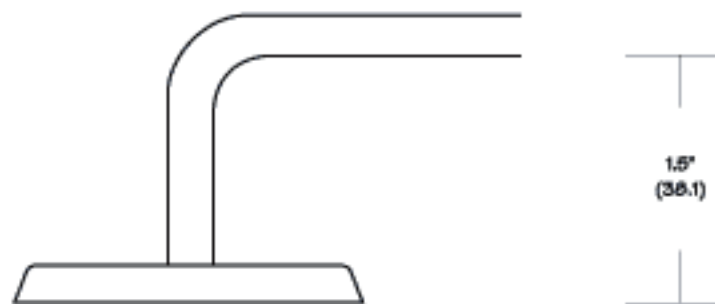
TEXTURED SAFETY FINISHES KNURLED SUFFIX 'K'



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