

Commercial &
Residential Hinges

04

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ASSORTED

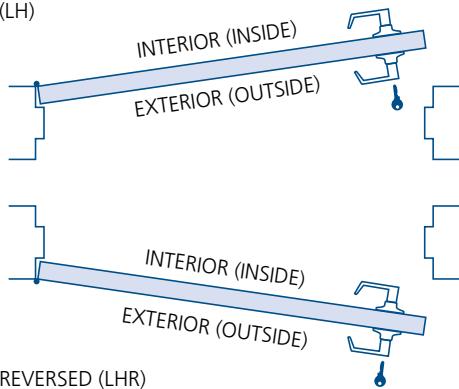
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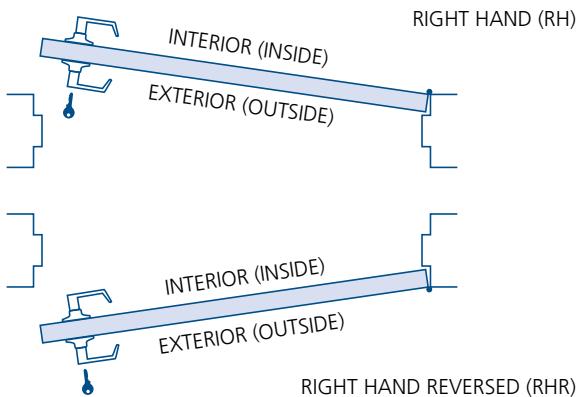
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DOOR HANDING GUIDE

LEFT HAND (LH)



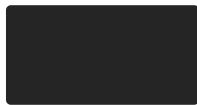
LEFT HAND REVERSED (LHR)



RIGHT HAND (RH)

RIGHT HAND REVERSED (RHR)

FINISH GUIDE



	PRIME COATED	BLACK JAPANNED / LACQ.	MATTE BLACK LACQUER	ZINC PLATED	YELLOW ZINC PLATED
CODE	CP	C1B, KJ	C1D	C2G, ZP	C2GY, YZ
BHMA*	600	601	693	603	



	POLISHED BRASS	MIRROR POLISHED BRASS	SATIN BRASS	ANTIQUE BRASS	ANTIQUE BRONZE
CODE	BP, PB, C3, 3	C3M, 3M	C4, 4, SDB	AB, C5, 5	C11P, 11P
BHMA*	605, 632		606, 633	609, 638	617, 644



	SATIN NICKEL	ANTIQUE NICKEL	MATTE BLACK	DARK BRONZE / DURANODIC	POLISHED CHROME
CODE	SDN, SN, C15, 15	C15A, 15A	C19, 19	BLR, DU, C20D, 20D, C20	C26, 26
BHMA*	619, 646	620, 647	622, 631	650, 690, 695, 710	625, 651



	SATIN CHROME	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	ALUMINUM	PLAIN STEEL, NO FINISH
CODE	SC, C26D, 26D	C32, 32	SS, C32D, 32D	AL, C28, 28	PS
BHMA*	262, 652	629	630	628, 689	

ALL FINISHES IMAGES ABOVE ARE PHOTOGRAPHIC OR COLOUR APPROXIMATIONS, DELIVERED PRODUCT MAY VARY IN COMPARISON OR BETWEEN ORDERS/LOTS.
OTHER FINISHES AVAILABLE—PLEASE CONTACT.

(*) EQUIVALENT; CODES DIFFER DEPENDING ON BASE MATERIAL AND/OR FINISH PROCESS.



COMMERCIAL & RESIDENTIAL HINGES GENERAL INFORMATION

ABBREVIATION GUIDE

GENERAL

DIA, Ø	Diameter
KG	Kilograms
LBS	Pounds
LH	Left hand
LHR	Left hand reversed
MAX	Maximum
MIN	Minimum
N/A, —	Not applicable / Not available
QTY	Quantity (usually followed by notes)
RH	Right hand
RHR	Right hand reversed
SQ,	Square
WT	Weight
/UNIT	Number of items per basic unit of sale (bagged or boxed)
/BOX, /BAG	Number of UNITS found in an inner carton or bag
/CASE	Number of BOXES or UNITS found in an outer (shipping) carton

LEGEND



Tested to Canadian and/or American safety and performance
standards by Underwriters Laboratories® (UL).



Hinge available with rounded corners at indicated radius.



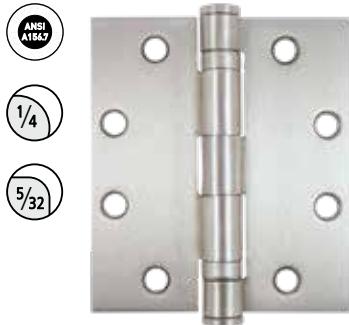
Hinge mounting holes follow template hole pattern outlined by
ANSI/BHMA A156.7.



COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX BB1079 BALL BEARING TEMPLATE HINGE



- Standard weight, full mortise
- 5 knuckles, 2 ball bearings
- Steel with steel pin
- Conforms to ANSI/BHMA A156.1
- ANSI/BHMA A156.7 template hole pattern

- Non-handed
- Flat tips with knock-out bottom
- Wood and undercut machine screws included

OPTIONS

NRP: Non-removable pin
 A: NRP, radius corners: $\frac{1}{4}$ " (6.4 mm)*
 B: NRP, radius corners: $\frac{5}{32}$ " (4 mm)*

(*) Radius corners are only available for size 454 (4x4 1/2 in) hinges.

MODEL	SIZE	CORNER	FINISH	OPTION
(*) LEAVE BLANK FOR SQUARE CORNERS.				

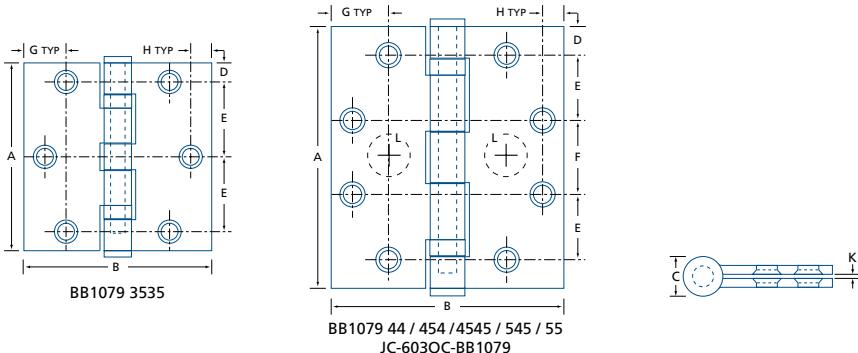
SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED	MACHINE	WOOD	QTY ¹
3535*	$3\frac{1}{2} \times 3\frac{1}{2}$	88.9 x 88.9	0.123	6	#10-24 x $\frac{1}{2}$	#9 x 1	3/60	
44*	4 x 4	101.6 x 101.6	0.130	8	#12-24 x $\frac{1}{2}$	#12 x 1 $\frac{1}{4}$	3/60	
454*	$4\frac{1}{2} \times 4$	114.3 x 101.6	0.134	8	#12-24 x $\frac{1}{2}$	#12 x 1 $\frac{1}{4}$	3/60	
4545*	$4\frac{1}{2} \times 4\frac{1}{2}$	114.3 x 114.3	0.134	8	#12-24 x $\frac{1}{2}$	#12 x 1 $\frac{1}{4}$	3/60	
545*	$5 \times 4\frac{1}{2}$	127 x 114.3	0.146	8	#12-24 x $\frac{1}{2}$	#12 x 1 $\frac{1}{4}$	3/30	
55*	5×5	127.0 x 127.0	0.146	8	#12-24 x $\frac{1}{2}$	#12 x 1 $\frac{1}{4}$	3/36	

(1) 3/60 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (*) FIRE RATING AS PER NFPA80 GUIDELINES.

1D	15	2G	26	26D	32D ¹	BLR	P
MATTE BLACK LACQUER	SATIN NICKEL	ZINC PLATED	POLISHED CHROME	SATIN CHROME	SATIN STAINLESS STEEL	DARK BRONZE	PRIME COATED

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.

(1) AVAILABLE ONLY FOR 454 AND 55 SIZES WITH NRP.



MODEL	A	B	C	D	E	F	G	H	K	L*
BB1079 3535	$3\frac{1}{2}$ (88.9)	$3\frac{1}{2}$ (88.9)	$\frac{1}{2}$ (12.7)	$\frac{23}{64}$ (9.1)	$1\frac{25}{64}$ (35.4)	—	$\frac{11}{16}$ (17.5)	$\frac{23}{64}$ (9.1)	$\frac{1}{16}$ (1.6)	—
BB1079 44	4 (101.6)	4 (101.6)	$\frac{9}{16}$ (14)	$\frac{1}{2}$ (12.7)	1 (25.5)	$\frac{31}{32}$ (24.6)	$\frac{3}{4}$ (19.1)	$\frac{3}{8}$ (9.5)	$\frac{1}{16}$ (1.6)	—
BB1079 454 JC-603QC	$4\frac{1}{2}$ (114.3)	4 (101.6)	$\frac{19}{32}$ (15.2)	$\frac{1}{2}$ (12.7)	$1\frac{1}{8}$ (28.6)	$1\frac{15}{64}$ (31)	1 (25.4)	$\frac{3}{8}$ (9.5)	$\frac{1}{16}$ (1.6)	\emptyset (15)
BB1079 4545	$4\frac{1}{2}$ (114.3)	$4\frac{1}{2}$ (114.3)	$\frac{19}{32}$ (15.2)	$\frac{1}{2}$ (12.7)	$1\frac{1}{8}$ (28.6)	$1\frac{15}{64}$ (31)	1 (25.4)	$\frac{3}{8}$ (9.5)	$\frac{1}{16}$ (1.6)	—
BB1079 545	5 (127.0)	$4\frac{1}{2}$ (114.3)	$\frac{5}{8}$ (15.9)	$\frac{1}{2}$ (12.7)	$1\frac{1}{4}$ (31.8)	$1\frac{3}{64}$ (37.7)	1 (25.4)	$\frac{3}{8}$ (9.5)	$\frac{1}{16}$ (1.8)	—
BB1079 55	5 (127)	5 (127)	$\frac{5}{8}$ (15.9)	$\frac{1}{2}$ (12.7)	$1\frac{1}{4}$ (31.8)	$1\frac{31}{64}$ (37.7)	1 (25.4)	$\frac{3}{8}$ (9.5)	$\frac{1}{16}$ (1.6)	—

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7

*DIMENSION OF THE NODE, NOT THE FRAME PREPARATION.



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COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX CB1079 CONCEALED BALL BEARING TEMPLATE HINGE



- Standard weight, full mortise
- 3 knuckles, concealed ball bearing
- Steel or stainless steel hinge and pin
- Conforms to ANSI/BHMA A156.1
- ANSI/BHMA A156.7 template hole pattern

- Non-handed
- Flush tips
- Wood and undercut machine screws included

CB1079	C26D	454	NRP
MODEL	FINISH	SIZE	OPTION

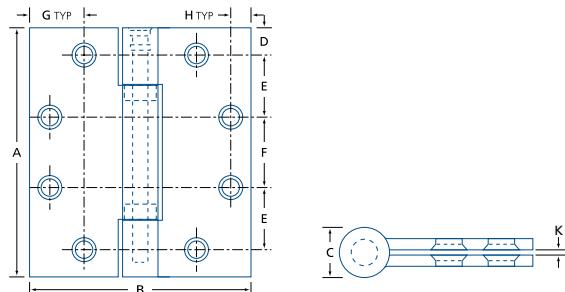
SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹
454*	4 1/2 x 4	114.3 x 101.6	0.134	8	#12-24 x 1/2 #12 x 1 1/4	3/60

(1) 3/60 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (*) FIRE RATING AS PER NFPA80 GUIDELINES.

C26D

SATIN
CHROME

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.
(1) ALL SATIN STAINLESS STEEL HINGES (C32D) ARE 18-8 STAINLESS STEEL AND ARE NRP BY DEFAULT.



MODEL	A	B	C	D	E	F	G	H	K
CB1079 454	4 1/2 (114.3)	4 (101.6)	19 15/32 (15.2)	1/2 (12.7)	1 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX PRO 1168 HEAVY DUTY BALL BEARING TEMPLATE HINGE



- Heavy weight, full mortise
- 5 knuckles, 4 ball bearings
- Steel or stainless steel hinge and pin
- Conforms to ANSI/BHMA A156.1
- ANSI/BHMA A156.7 template hole pattern

- Non-handed
- Flat tips with knock-out bottom
- Non-removable pin (NRP)
- Wood screws and undercut machine screws included

OPTIONS

B: Radius corners: $\frac{5}{32}$ " (4 mm)

1168	C32D	454	B
MODEL	FINISH	SIZE	OPTION

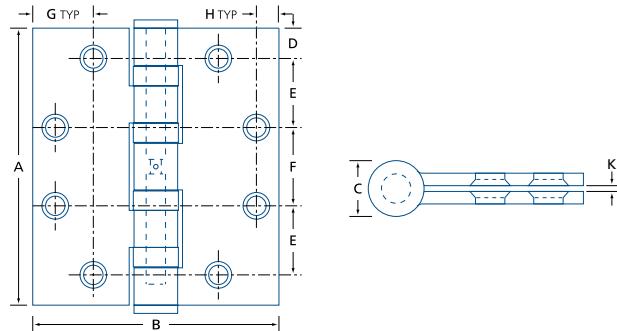
SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹
454*	$4\frac{1}{2} \times 4$	114.3×101.6	0.1875	8	#12-24 x $\frac{1}{2}$ #12 x $1\frac{1}{4}$	3/60

(1) 3/60 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (*) FIRE RATING AS PER NFPA80 GUIDELINES.

C15	C32D
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SATIN
NICKEL SATIN
 STAINLESS
 STEEL

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K
1168 454	$4\frac{1}{2}$ (114.3)	4 (101.6)	$\frac{19}{32}$ (15.2)	$\frac{1}{2}$ (12.7)	$1\frac{1}{8}$ (28.6)	$1\frac{15}{64}$ (31)	1 (25.4)	$\frac{5}{8}$ (9.5)	$\frac{1}{16}$ (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



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COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX 1198 HEAVY DUTY BALL BEARING TEMPLATE HINGE



- Heavy weight, full mortise
- 5 knuckles, 4 ball bearings
- Steel or stainless steel hinge and pin
- Conforms to ANSI/BHMA A156.1
- ANSI/BHMA A156.7 template hole pattern

- Non-handed
- Flat tips with knock-out bottom
- Non-removable pin (NRP)
- Wood screws and undercut machine screws included

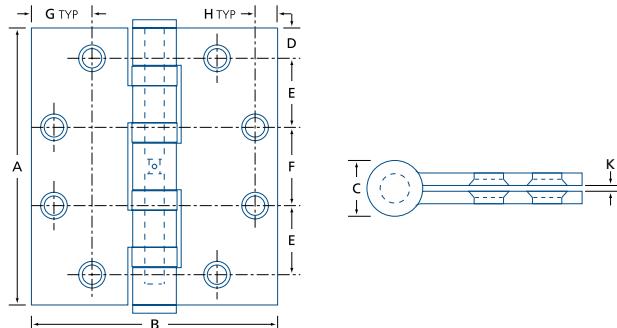
1198	C26D	454
MODEL	FINISH	SIZE

SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹
454*	4 1/2 x 4	114.3 x 101.6	0.1875	8	#12-24 x 1/2 #12 x 1 1/4	3/60

(1) 3/60 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (*) FIRE RATING AS PER NFPA80 GUIDELINES.

C26D	C32D
SATIN CHROME	SATIN STAINLESS STEEL

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K
1198 454	4 1/2 (114.3)	4 (101.6)	19 3/32 (15.2)	1/2 (12.7)	1 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX BB1068 HEAVY DUTY BALL BEARING TEMPLATE HINGE



- Heavy weight, full mortise
- 5 knuckles, 4 ball bearings
- Steel or stainless steel hinge and pin
- Conforms to ANSI/BHMA A156.1
- ANSI/BHMA A156.7 template hole pattern

- Non-handed
- Flat tips with knock-out bottom
- Wood screws and undercut machine screws included

OPTIONS

NRP: Non-removable pin (NRP)

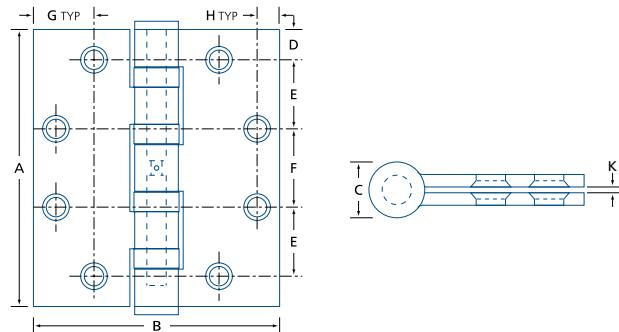
BB1068 - 4545 - 26D - NRP			
MODEL	SIZE	FINISH	OPTION

SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED	MACHINE	WOOD	QTY ¹
4545*	4 1/2 x 4 1/2	114.3 x 114.3	0.180	8	#12-24 x 1/2	#12 x 1 1/4	3/48	
545*	5 x 4 1/2	127 x 114.3	0.190	8	#12-24 x 1/2	#12 x 1 1/4	3/48	
55*	5 x 5	127 x 127	0.190	8	#12-24 x 1/2	#12 x 1 1/4	3/48	

(1) 3/48 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (*) FIRE RATING AS PER NFPA80 GUIDELINES.

P	26D	32D
PRIME COATED	SATIN CHROME	SATIN STAINLESS STEEL

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K
BB1068 4545	4 1/2 (114.3)	4 1/2 (114.3)	3/4 (19)	1/2 (12.7)	1 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.8)
BB1068 545	5 (127.0)	4 1/2 (114.3)	3/4 (19)	1/2 (12.7)	1 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.8)
BB1068 55	5 (127.0)	5 (127.0)	3/4 (19)	1/2 (12.7)	1 1/4 (31.8)	1 15/32 (37.7)	1 (25.4)	3/8 (9.5)	1/16 (1.8)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



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COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX 143 PLAIN BEARING TEMPLATE HINGE



- Standard weight, full mortise
- 5 knuckles, plain bearing
- Steel with non-rising steel pin
- ANSI/BHMA A156.7 template hole pattern
- Non-handed
- Flat tips with knock-out bottom
- Wood and undercut machine screws included

143	C15	454
MODEL	FINISH	SIZE

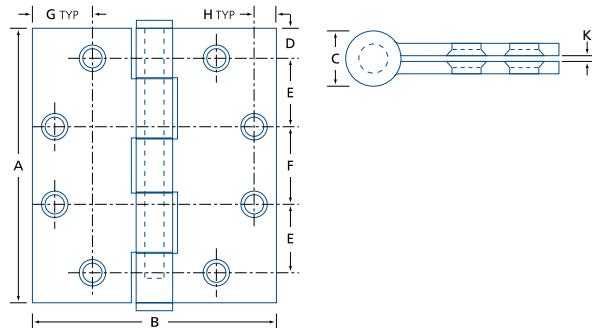
SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹
454	4 1/2 x 4	114.3 x 101.6	0.134	8	#12-24 x 1/2	#12 x 1 1/4

(1) 3/60 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

C15

SATIN
NICKEL

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K
143 454	4 1/2 (114.3)	4 (101.6)	19 5/32 (15.2)	1/2 (12.7)	1 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



COMMERCIAL HINGES

FULL MORTISE HINGES

DOREX 1079/1091 PLAIN BEARING TEMPLATE HINGE



- Standard weight, full mortise
- 5 knuckles, plain bearing
- Steel or stainless steel hinge and pin
- ANSI/BHMA A156.7 template hole pattern
- Non-handed
- Flat tips with knock-out bottom
- Wood and undercut machine screws included

MODELS

1079: Steel hinge and pin
1091: Stainless steel hinge and pin

OPTIONS

N: Non-removable pin (NRP)

MODEL	SIZE	FINISH	OPTION
1079	44	- 26D -	N

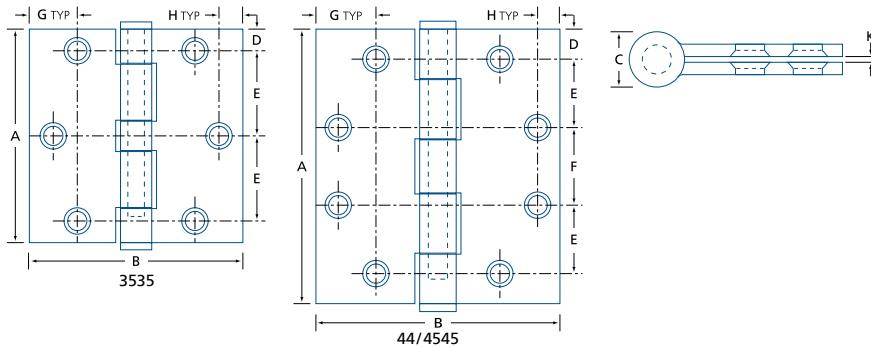
SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED	MACHINE	WOOD	QTY ¹
3535	3 1/2 x 3 1/2	88.9 x 88.9	0.125	6	#10-24 x 1/2	#9 x 1	3/48	
44	4 x 4	101.6 x 101.6	0.130	8	#12-24 x 1/2	#12 x 1 1/4	3/48	
4545	4 1/2 x 4 1/2	114.3 x 114.3	0.134	8	#12-24 x 1/2	#12 x 1 1/4	3/48	

(1) 3/48 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

P	26D	32D*
PRIME COATED	SATIN CHROME	SATIN STAINLESS STEEL

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.

(*) 304 STAINLESS STEEL, 1091-4545 ONLY



MODEL	A	B	C	D	E	F	G	H	K
1079/1091 3535	3 1/2 (88.9)	3 1/2 (88.9)	1/2 (12.7)	23/64 (9.1)	15/64 (35.4)	—	11/16 (17.5)	23/64 (9.1)	1/16 (1.6)
1079/1091 44	4 (101.6)	4 (101.6)	9/16 (14)	1/2 (12.7)	1 (25.5)	31/32 (24.6)	3/4 (19.1)	3/8 (9.5)	1/16 (1.6)
1079/1091 4545	4 1/2 (114.3)	4 1/2 (114.3)	19/32 (15.2)	1/2 (12.7)	1 1/8 (28.6)	15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7

COMMERCIAL HINGES

HALF SURFACE HINGES

DOREX BB1073 HALF SURFACE TEMPLATE HINGE



- Standard weight, half surface
- 5 knuckles, 2 ball bearings
- Steel with steel pin
- ANSI/BHMA A156.7 template hole pattern
- Handed
- Flat tips with knock-out bottom
- Non-removable pin (NRP)
- High quality primer coat finish (CP)

BB1073	L	-	45	-	P	-	N
MODEL	HAND	SIZE	MM	GAUGE	HOLES	BOLT / SCREWS INCLUDED	WOOD

L : LEFT HAND R : RIGHT HAND

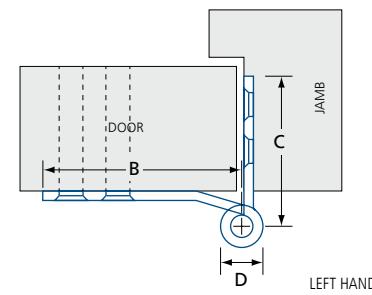
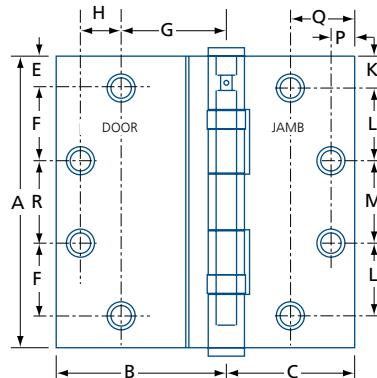
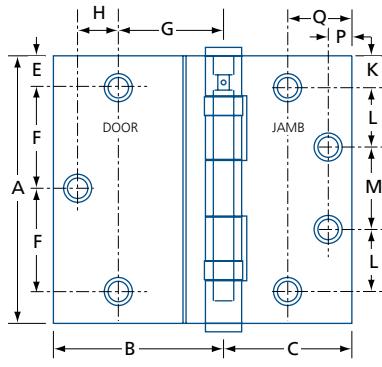
SIZE	HINGE SIZE INCHES	MM	GAUGE	HOLES	BOLT / SCREWS INCLUDED	QTY ¹
45	4 1/2	114.3	0.134	7	#1/4x20 (x3)*	#12x1 1/4(x4) 3/48
50	5	127	0.146	8	#1/4x20 (x3)*	#12x1 1/4(x4) 3/48

(*) FOR DOORS 1 3/4" (45 MM) THICK (1) 3/48 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

P

PRIME
COATED

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K	L	M	P	Q	R
BB1073 45	4 1/2 (114.3)	2 9/16 (65)	2 1/16 (52.4)	39/64 (15.4)	1/2 (12.7)	1 3/4 (44.5)	1 1/2 (38.1)	9/16 (14.3)	1/2 (12.7)	1 1/8 (28.6)	1 7/32 (31.3)	3/8 (9.5)	1 (25.4)	—
BB1073 50	5 (127)	27/8 (73.0)	2 1/16 (52.4)	5/8 (15.8)	1/2 (12.7)	1 1/4 (31.8)	1 1/2 (38.1)	7/8 (22.2)	1/2 (22.7)	1 1/4 (31.8)	1 31/64 (37.7)	3/8 (9.5)	1 (25.4)	1 1/2 (38.1)

IN(MM)



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COMMERCIAL HINGES

HALF MORTISE HINGES

DOREX BB1077 HALF MORTISE TEMPLATE HINGE



- Standard weight, half mortise
- 5 knuckles, 2 ball bearings
- Steel with steel pin
- ANSI/BHMA A156.7 template hole pattern
- Handed
- Flat tips with knock-out bottom
- Wood and undercut machine screws and through-bolts included

OPTIONS

N: Non-removable pin (NRP)

BB1077	L	-	45	-	P	-	N
MODEL	HAND	SIZE	MM	GAUGE	HOLES	BOLT / SCREWS INCLUDED	WOOD
45	L : LEFT HAND R : RIGHT HAND	4 1/2	114.3	0.134	7	#1/4x20 (x3)*	#12x1 1/4(x4)

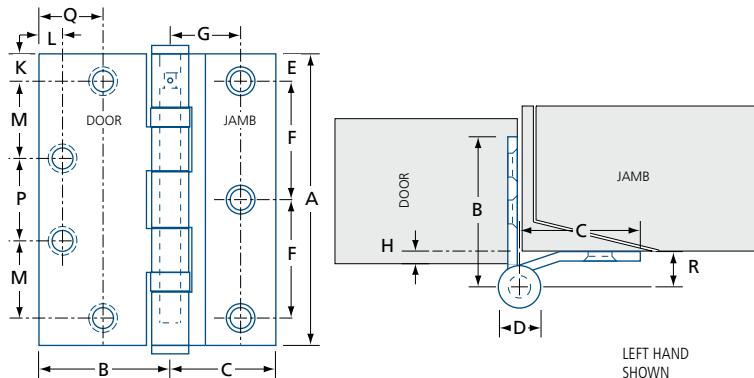
SIZE	HINGE SIZE INCHES	MM	GAUGE	HOLES	BOLT / SCREWS INCLUDED	QTY ¹
45	4 1/2	114.3	0.134	7	#1/4x20 (x3)*	3/48

(*) FOR DOORS 1 3/4" (45 MM) THICK (1) 3/48 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

P

PRIME
COATED

OTHER SIZES AND FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K	L	M	P	Q
BB1077 45	4 1/2 (114.3)	2 1/16 (52.4)	1 1/2 (38)	19 3/32 (15)	1/2 (12.7)	1 3/4 (44.5)	1 (25.4)	—	1/2 (12.7)	3/8 (9.5)	1 1/8 (28.6)	17 3/32 (31.3)	1 (25.4)

IN (MM)



COMMERCIAL HINGES

SWING CLEAR HINGES

DOREX BB1048 SWING CLEAR TEMPLATE HINGE



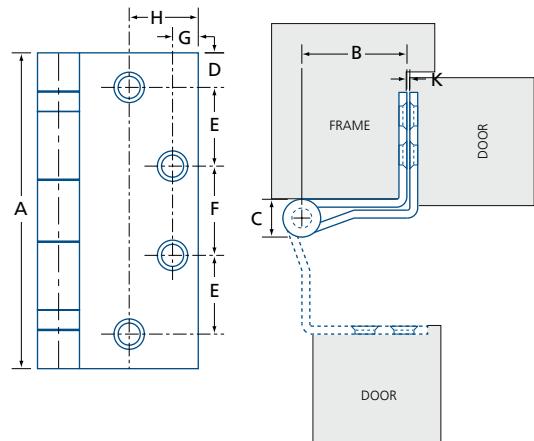
- Standard weight
- 5 knuckles, 2 ball bearings
- Steel with non-rising steel pin
- ANSI/BHMA A156.7 template hole pattern
- Allows door to fully clear door opening
- For non-bevelled (square) doors
- Handed, field reversible
- Flat tips with knock-out bottom

BB1048 L - 454 - 15
 MODEL HAND SIZE FINISH

L: LEFT HAND R: RIGHT HAND

SIZE	INCHES	MM	GAUGE	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹	
454*	4 1/2 x 4	114.3 x 101.6	0.134	8	#12-24 x 1/2	#12 x 1 1/4	3/30

(1) 3/30 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (*) FIRE RATING AS PER NFPA80 GUIDELINES. OTHER FINISHES AVAILABLE BY SPECIAL ORDER, PLEASE CONTACT FOR DETAILS.



MODEL	A	B	C	D	E	F	G	H	K
BB1048 454	4 1/2 (114.3)	1 5/8 (41.3)	19 3/32 (15.2)	1/2 (12.9)	1 1/8 (28.6)	11 5/64 (31.3)	3/8 (9.5)	1 (25.4)	1/16 (1.6)

IN(MM)



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COMMERCIAL HINGES

REINFORCEMENT HINGES & PLATES

DOREX PRO 1265 REINFORCEMENT HINGE



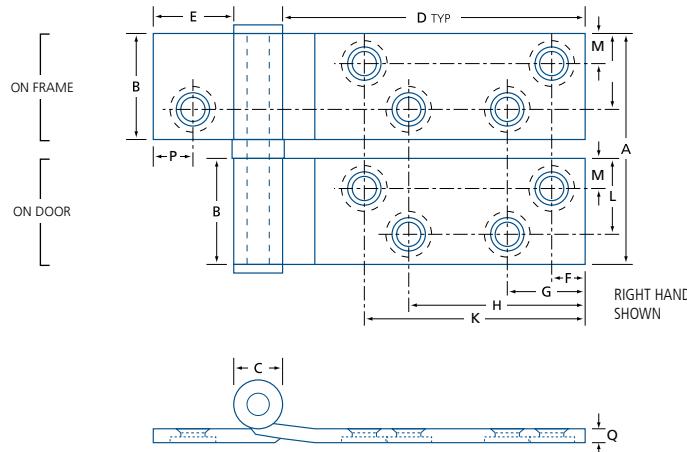
1265RH

- Heavy weight, full surface
- 2 knuckles, 1 ball bearings
- Steel with steel fixed pin
- Reinforces sagging or unevenly hung doors
- Handed
- Mounting hardware:
 - » Wood screws
 - » Machine screws
 - » Thru-bolts with sexnut for 1 $\frac{3}{4}$ " (44.5) door
 - » Threaded Jack-Nut inserts with installation tool

1265	RH
MODEL	HAND
LH : LEFT HAND RH : RIGHT HAND	

MODEL	HINGE SIZE INCHES MM	FINISH	HOLES	SCREWS INCLUDED WOOD MACHINE	QTY ¹
1265	3 $\frac{1}{4}$ x 6 $\frac{1}{8}$ 82.6 x 155.7	Satin zinc plated	9	1 $\frac{1}{4}$ x 1 $\frac{1}{2}$ 1 $\frac{1}{4}$ -20 x 1	1/30

(1) 1/30 : QUANTITY PER BOX / QUANTITY PER CASE.



MODEL	A	B	C	D	E	F	G	H	K	M	P	Q
1265	3 $\frac{1}{4}$ (82.5)	1 $\frac{1}{2}$ (38.1)	1 $\frac{1}{16}$ (17.5)	4 $\frac{5}{16}$ (109)	1 $\frac{5}{32}$ (29.1)	1 $\frac{1}{2}$ (12.7)	1 $\frac{1}{8}$ (28.6)	2 $\frac{3}{8}$ (60.30)	3 (76.2)	1 $\frac{1}{2}$ (12.7)	5 $\frac{5}{8}$ (16)	0.190 (4.8)

IN (MM)



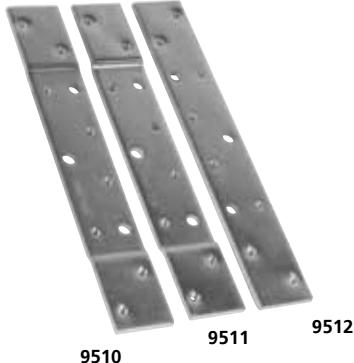
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COMMERCIAL HINGES

REINFORCEMENT & FILLER PLATES

DOREX REINFORCEMENT & FILLER PLATES



- Steel reinforcement plate
- ANSI/BHMA A156.7 template hole pattern
- Available with various offsets
- Holes accommodate #12-24 screws
- Fastening hardware NOT included

MODEL	FINISH	DESCRIPTION	QTY ¹
9510	Zinc plated	8 x 1 3/16" (201 x 30mm) Template reinforcement plate for 4 1/2" (114.3 mm) hinge, with 3/32" (2.5 mm) offset	12/120
9511	Zinc plated	8 x 1 3/16" (201 x 30mm) Template reinforcement plate for 4 1/2" (114.3 mm) hinge, with 1/16" (1.2 mm) offset	12/120
9512	Zinc plated	8 x 1 3/16" (201 x 30mm) Template reinforcement plate for 4 1/2" (114.3 mm) hinge, flat, no offset	12/120

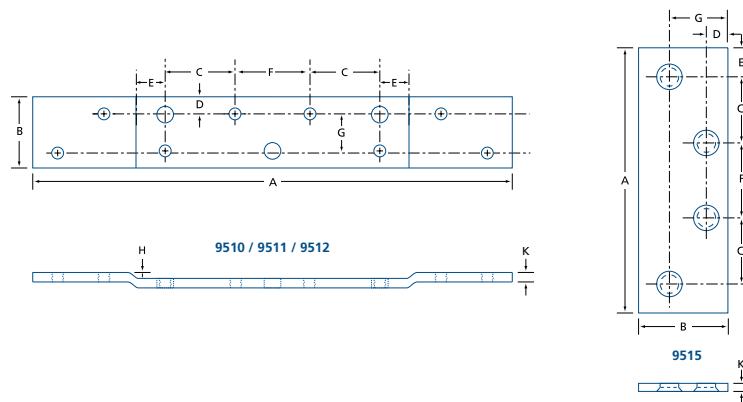
(1) 12/120 : QUANTITY PER BOX / QUANTITY PER CASE.



- Steel filler plate
- ANSI/BHMA A156.7 template hole pattern
- Holes accommodate #12-24 screws
- Fastening hardware included

MODEL	FINISH	DESCRIPTION	QTY ¹
9515 EXW	White epoxy	Template filler plate for 4 1/2 x 1 1/2" (114.3 x 38mm) hinge leaf	50/150
9515 ZP	Zinc plated		

(1) 50/150 : QUANTITY PER BOX / QUANTITY PER CASE.



MODEL	A	B	C	D	E	F	G	H	K
9510	7 15/16 (202)	1 3/16 (30)	1 1/8 (28.6)	17/64 (6.7)	17/32 (13.5)	1 15/64 (31)	5/8 (15)	3/32 (2.5)	5/32 (4)
9511	7 15/16 (202)	1 3/16 (30)	1 1/8 (28.6)	17/64 (6.7)	17/32 (13.5)	1 15/64 (31)	5/8 (15)	1/16 (1.2)	5/32 (4)
9512	7 15/16 (202)	1 3/16 (30)	1 1/8 (28.6)	17/64 (6.7)	17/32 (13.5)	1 15/64 (31)	5/8 (15)	—	5/32 (4)
9515	4 1/2 (114.3)	1 1/2 (38.1)	1 1/8 (28.6)	3/8 (9.5)	39/64 (13.1)	1 15/64 (31)	1 (25.4)	—	5/32 (4)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



COMMERCIAL HINGES

SPRING HINGES

DOREX PRO 3310 SINGLE ACTION SPRING HINGES



- Standard weight, full mortise
- 3 knuckle, 2 anti-friction nylon washers
- Steel with steel components
- ANSI/BHMA A156.7 template hole pattern
- cULus listed¹

- Non-handed
- Adjustable spring tension (tool included)
- Wood and/or undercut machine screws included

OPTIONS

3311: Radius corners: $\frac{1}{4}$ " (6.4 mm)

NOTE: For best results, use with DOREX PRO ball bearing hinges of the same size.

(1) Minimum of two (2) 3310 hinges per labelled fire door

3310	C15	454
MODEL	FINISH	SIZE

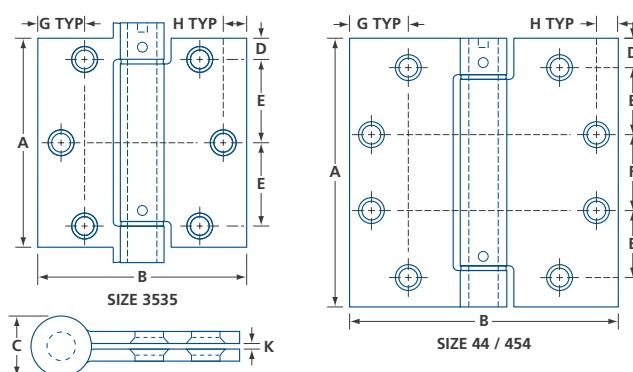
SIZE	INCHES	MM	GAUGE	FIRE RATING*	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹
3535	$3\frac{1}{2} \times 3\frac{1}{2}$	88.9x88.9	0.125	90 min.	6	—	#9 x $\frac{3}{4}$
44	4x4	101.6x101.6	0.125	90 min.	8	—	#9 x $\frac{3}{4}$
44	4x4 (RC)	101.6x101.6 (RC)	0.125	90 min.	8	—	#10 x $\frac{3}{4}$
454	$4\frac{1}{2} \times 4$	114.3x101.6	0.134	180 min.	8	#12-24 x $\frac{1}{2}$	#12 x $1\frac{1}{4}$

(*) MAX. FIRE RATING BASED ON NFPA 80 GUIDELINES. (1) 2/40 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY. (RC) RADIUS CORNERS.

C15	C26D	C3	C3M	C5
SATIN NICKEL	SATIN CHROME	POLISHED BRASS	MIRROR POLISH BRASS	ANTIQUE BRASS

OTHER FINISHES AVAILABLE, MAY REQUIRE SPECIAL ORDER AND/OR ADDITIONAL LEAD TIME.

CAUTION: Misaligned and/or twisted door frames or doors, door bottoms or gasketing for smoke, sound, weather, air pressure differences or improper latch installation/adjustment may prevent door from latching. Some installations may require additional spring hinges.



SIZE	MAXIMUM DOOR WT. ¹	SPRING HINGES	BUTT HINGES ²
50 (22.7)	1	2	
3535	70 (31.8)	2	1
	80 (36.3)	3	—
60 (27.2)	1	2	
44	85 (38.6)	2	1
	100 (45.5)	3	—
70 (31.8)	1	2	
454	90 (40.9)	2	1
	120 (54.5)	3	—

(1) LB(KG) MAXIMUM SIZE: 48 X 90" (1219 X 2286 MM).

MAX. FIRE DOOR SIZE: 36 X 84" (914 X 2134 MM).

(2) FOR BEST RESULTS, USE DOREX PRO179 HINGES OF THE SAME SIZE.

MODEL	A	B	C	D	E	F	G	K
3310 3535	$3\frac{1}{2}$ (88.9)	$3\frac{1}{2}$ (88.9)	$1\frac{1}{16}$ (17.5)	$2\frac{3}{64}$ (9.1)	$1\frac{25}{64}$ (35.4)	—	$1\frac{1}{16}$ (17.5)	$\frac{1}{16}$ (1.6)
3310/11 44	4 (101.6)	4 (101.6)	$1\frac{1}{16}$ (17.5)	$\frac{1}{2}$ (12.7)	1 (25.5)	$3\frac{1}{32}$ (24.6)	$\frac{3}{4}$ (19.1)	$\frac{1}{16}$ (1.6)
3310 454	$4\frac{1}{2}$ (114.3)	4 (101.6)	$2\frac{25}{32}$ (19.6)	$\frac{1}{2}$ (12.7)	$1\frac{1}{8}$ (28.6)	$1\frac{15}{64}$ (31)	1 (25.4)	$\frac{1}{16}$ (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7



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COMMERCIAL HINGES

REINFORCEMENT & FILLER PLATES

1310 SINGLE ACTION SPRING HINGES



- Standard weight, full mortise
- 3 knuckle, 2 anti-friction nylon washers
- Steel with steel components
- ANSI/BHMA A156.7 template hole pattern
- cULus listed¹

- Non-handed
- Adjustable spring tension (tool included)
- Wood and/or undercut machine screws included

NOTE: For best results, use with ball bearing hinges of the same size.

(1) Minimum of two (2) 1310 hinges per labelled fire door

1310	C15	454
MODEL	FINISH	SIZE

SIZE	INCHES	MM	GAUGE	FIRE RATING*	HOLES	SCREWS INCLUDED MACHINE	SCREWS INCLUDED WOOD	QTY ¹
454	4 1/2 x 4	114.3 x 101.6	0.134	180 min.	8	#12-24 x 1/2	#12 x 1 1/4	2 / 48

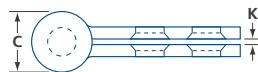
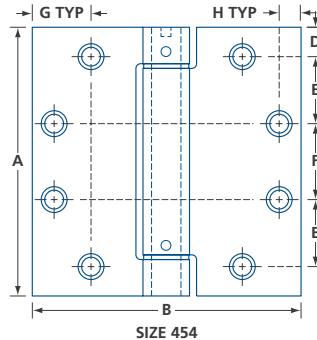
(*) MAX. FIRE RATING BASED ON NFPA80 GUIDELINES. (1) 2 / 48 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

C15 C1D C26D

SATIN	MATTE	SATIN
NICKEL	BLACK	CHROME

OTHER FINISHES AVAILABLE, MAY REQUIRE SPECIAL ORDER AND/OR ADDITIONAL LEAD TIME.

CAUTION: Misaligned and/or twisted door frames or doors, door bottoms or gasketing for smoke, sound, weather, air pressure differences or improper latch installation/adjustment may prevent door from latching. Some installations may require additional spring hinges.



SIZE	MAXIMUM DOOR WT. ¹	SPRING HINGES	BUTT HINGES ²
454	110 (50.0)	2	1
	120 (54.5)	3	—

(1) LB(KG) MAXIMUM SIZE: 48 X 90" (1219 X 2286 MM).

MAX. FIRE DOOR SIZE: 36 X 84" (914 X 2134 MM).

(2) FOR BEST RESULTS, USE BALL BEARING HINGES OF THE SAME SIZE.

MODEL	A	B	C	D	E	F	G	H	K
1310 454	4 1/2 (114.3)	4 (101.6)	19 3/32 (15.2)	1/2 (12.7)	11 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.6)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7

COMMERCIAL HINGES

SPRING HINGES



4300 SERIES SINGLE ACTING TEMPLATE SPRING HINGES



4310
Square Corner

- BHMA Certified, Grade 1
- ANSI/BHMA A156.7 template hole pattern
- cULus listed for fire door application

- Non-handed
- Steel with steel components
- Self-lubricating bearings
- Adjustable spring tension
- Aligns with full mortise BOMMER hinges of the same size

Minimum 2 hinges per door.

4310	C26D	454
MODEL	FINISH	SIZE

Available in a variety of architectural finishes, models and sizes – please contact to order or visit www.bommer.com for details

C15	C26D	C32D
SATIN NICKEL	SATIN CHROME	SATIN STAINLESS STEEL

OTHER FINISHES AVAILABLE. SOME SIZE/FINISH/OPTION COMBINATIONS MAY REQUIRE SPECIAL ORDER AND/OR ADDITIONAL LEAD TIME.



3000 SERIES DOUBLE ACTING SPRING HINGES



3029/3029A
Full Mortise

- Non handed
- Steel with steel components
- Adjustable spring tension
- Does not align with standard full mortise hinges
- Do not use on door with bevelled hinge edge
- ANSI/BHMA A156.7 template models available
- Box clamp flanges are NOT ADJUSTABLE, available for fixed door thicknesses only

Available in a variety of architectural finishes, models and sizes – please contact to order or visit www.bommer.com for details



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COMMERCIAL HINGES

REINFORCEMENT & FILLER PLATES

DOREX UNIVERSAL REPLACEMENT HINGE

1020



- Non handed
- Surface mounted
- Anti-friction ball bearings for smooth pin rotation
- Precision machined, extruded aluminum
- For aluminum frame doors up to 300 lbs (136 kg)
- $\frac{1}{8}$ " (3 mm) Vertical door adjustment
- Can accommodate $\frac{1}{8}$ " (3 mm) recessed doors
- Easy installation

INCLUDES

- (2) Hinges
- (2) #1020S $\frac{1}{8}$ " (3 mm) shim plates (matching finish)
- (4) Adhesive cover strips (matching finish)
- (1) Hex key
- (12) Tamper resistant fasteners

#1020SC Shim plate pairs available separately.

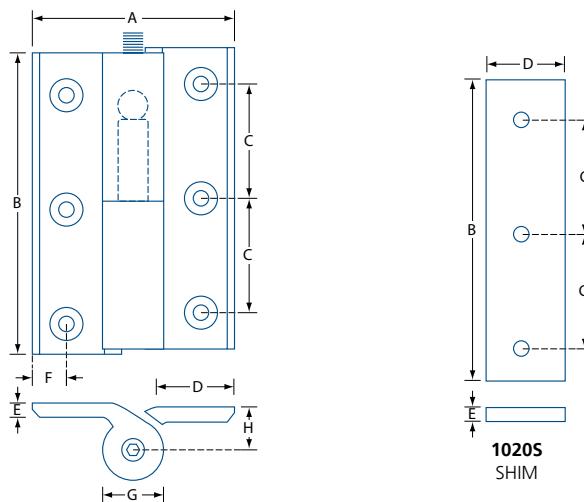
1020	C28
MODEL	FINISH

MODEL	HINGE SIZE INCHES	MM	GAUGE	HOLES	QTY ¹
1020	3 1/4 x 5	82.6 x 127	0.218	6	8 / 32

(1) 8/32 : QUANTITY PER INNER CARTON / QUANTITY PER CASE. HINGES SOLD IN PAIRS, NOT SOLD INDIVIDUALLY.

C20D	C28
DARK BRONZE	ALUMINUM

OTHER FINISHES AVAILABLE, MAY REQUIRE SPECIAL ORDER AND/OR ADDITIONAL LEAD TIME.



MODEL	A	B	C	D	E	F	G	H
1020	3 1/4 (82.6)	5 (127)	2 (50.8)	1 (25.4)	7/32 (5.6)	5/16 (14)	1 (25.4)	3/4 (19)
1020S	—	5 (127)	2 (50.8)	1 (25.4)	1/8 (3.2)	7/32 (5.6)	1 (25.4)	—

IN (MM)



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RESIDENTIAL HINGES

BALL BEARING HINGES

B848 SERIES BALL BEARING HINGES

B848



B848 C1533

3 x 3"

Square corners

- For wood door and frame applications
- Full mortise
- 5 knuckles, 2 ball bearings
- Steel hinge and pin
- Non-rising, removable pin
- Sold in boxed pairs
- Wood screws included

OPTIONS

-A: 1/4" Radius corners (3535 only)



B848 C153535

3 1/2 x 3 1/2"

Square corners

B848 C15 3535 -A

3 1/2 x 3 1/2"

1/4" (6.4 mm)

Radius Corners

MODEL	C15	3535	-A
SIZE	INCHES	MM	FINISH ¹
33	3 x 3	76 x 76	C15
3535	3 1/2 x 3 1/2	88.9 x 88.9	C15

(1) OTHER FINISHES AVAILABLE

(2) 2/100 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

SIZE	INCHES	MM	FINISH ¹	HOLES	WOOD SCREWS	QTY ²
33	3 x 3	76 x 76	C15	6	#8 x 3/4	2/100
3535	3 1/2 x 3 1/2	88.9 x 88.9	C15	6	#8 x 3/4	2/100

BB2500 SERIES BALL BEARING HINGES

BB2589, BB2590



BB2589

3 1/2 x 3 1/2"

Square Corner

- For wood door and frame applications
- Full mortise
- 5 knuckles, 2 ball bearings
- Steel hinge and pin
- Non-rising, removable pin
- Sold in boxed pairs
- Wood screws included

MODEL	C15	33	P
SIZE	INCHES	MM	FINISH ¹
33	3 x 3	76.2 x 76.2	C15
3535	3 1/2 x 3 1/2	88.9 x 88.9	C15

BB2589

SIZE	INCHES	MM	FINISH ¹	HOLES	SCREWS	/CASE ²
33	3 x 3	76.2 x 76.2	C15	6	#9 x 3/4	2/100
3535	3 1/2 x 3 1/2	88.9 x 88.9	C15	6	#9 x 3/4	2/100

(1) OTHER FINISHES AVAILABLE

(2) 2/100 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

BB2590

SIZE	INCHES	MM	FINISH ¹	HOLES	SCREWS	/CASE ²
3535	3 1/2 x 3 1/2	88.9 x 88.9	C15, C26D	6	#9 x 3/4	2/100

(1) OTHER FINISHES AVAILABLE

(2) 2/100 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.



RESIDENTIAL HINGES

PLAIN BEARING HINGES

2500 SERIES RESIDENTIAL STEEL HINGES

2589, 2590, 2591



2589

Square Corner

- For wood door and frame applications
- Full mortise
- 5 knuckles, plain bearing
- Steel hinge and removable pin
- Unassembled hinge by default
- Wood screws included
- Packaged in bulk

OPTIONS

A: Assembled hinge, with screws
P: Boxed pair (assembled), with screws



2590

$\frac{1}{4}$ " (6.4mm)
Radius Corners

2589	C15	3535	A
MODEL	FINISH	SIZE	OPTION*

(* LEAVE BLANK FOR UNASSEMBLED

2589

SIZE	INCHES	MM	FINISH ¹	HOLES	SCREWS	/CASE ²
33	3 x 3	76.2 x 76.2	C15, C19, C2G	6	#9 x $\frac{3}{4}$	100
3535	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	88.9 x 88.9	C15, C2G	6	#9 x $\frac{3}{4}$	100
44	4 x 4	101.6 x 101.6	C2G	6	#9 x $\frac{3}{4}$	100

(1) OTHER FINISHES AVAILABLE (2) 50 BOXED PAIRS OR 100 INDIVIDUAL HINGES.

2590

SIZE	INCHES	MM	FINISH ¹	HOLES	SCREWS	/CASE ²
33	3 x 3	76.2 x 76.2	C11P, C15, C15A, C19	6	#9 x $\frac{3}{4}$	100
3535	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	88.9 x 88.9	C15, C26, C26D, C2G	6	#9 x $\frac{3}{4}$	100

(1) OTHER FINISHES AVAILABLE (2) 50 BOXED PAIRS OR 100 INDIVIDUAL HINGES.

2591

SIZE	INCHES	MM	FINISH ¹	HOLES	SCREWS	/CASE ²
33	3 x 3	76.2 x 76.2	C11P, C15, C15A, C19, C26, C26D, C2G, C3	6	#9 x $\frac{3}{4}$	100
3535	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$	88.9 x 88.9	C15, C19, C26D, C2G	6	#9 x $\frac{3}{4}$	100

(1) OTHER FINISHES AVAILABLE (2) 50 BOXED PAIRS OR 100 INDIVIDUAL HINGES.

BULK ORDERS

Bulk or volume orders are available for original equipment manufacturers (OEM), project builds, and other contractors.

Custom options and non-stock finishes may require additional lead time or minimum quantity orders.

Please contact for details, including options, available sizes and finishes.

Common options include:

- Delivery without screws
- Delivery in split packaging
- Specific non-stock finish



RESIDENTIAL HINGES

PLAIN BEARING HINGES

DOREX STAINLESS STEEL HINGES

84



- For wood door and frame applications
- Full mortise
- 5 knuckles, plain bearing
- Stainless steel
- Removable pin
- Sold in boxed pairs
- Wood screws included

MODEL	FINISH	SIZE
84	C32D	33
3535		

SIZE	INCHES	MM	GUAGE	FINISH ¹	HOLES	SCREWS	QTY ²
33	3 x 3	76.2 x 76.2	2.3	C32D	6	#8 x 3/4	2 / 100
3535	3 1/2 x 3 1/2	88.9 x 88.9	2.3	C32D	6	#9 x 1	2 / 60

(1) OTHER FINISHES AVAILABLE (2) 2/100 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.



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04.102

RESIDENTIAL HINGES

ASSORTED HINGES

2600 SERIES DECORATIVE HINGES

2698



- For wood door and frame applications
- Full mortise
- 5 knuckles, plain bearing
- Steel hinge and pin
- Sold in assembled pairs, boxed
- Wood screws included

2698	C19	33
MODEL	FINISH	SIZE

SIZE	INCHES	MM	FINISH ¹	HOLES	SCREWS	/CASE ²
33	3 x 3	76.2 x 76.2	C19	6	#9 x 3/4	2/100

(1) OTHER FINISHES AVAILABLE (2) 2/100 : QUANTITY PER BOX / QUANTITY PER CASE. HINGES NOT SOLD INDIVIDUALLY.

2698

5/8" (16 mm)
Radius Corners
Steeple Tip

LIGHT DUTY DOUBLE ACTING SPRING HINGE

9290

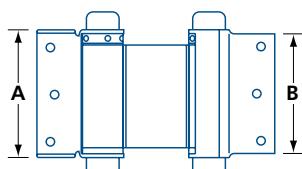


- For light duty residential applications
- Non handed
- Adjustable spring tension
- Does not align with standard full mortise hinges
- Do not use on door with bevelled hinge edge
- Sold in pairs
- Required fasteners included

9290	SDN	3
MODEL	FINISH	SIZE

SIZE	A	B	FINISH	DOOR THICKNESS	QTY ¹
3	3 (76)	2 29/32 (69.4)	SDB, SDN	1 1/4 (31.8)	2
4	4 (102)	3 29/32 (95.8)	KJ, SDN	1 1/4 (31.8)	2
5	5 (127)	4 5/8 (117.4)	KJ, SDB, SDN	1 1/2 (38.1)	2
6	6 (152)	5 9/16 (141.4)	KJ, SDB, SDN	1 7/8 (48.6)	2

IN (MM) (1) SOLD IN PAIRS. NOT SOLD INDIVIDUALLY.



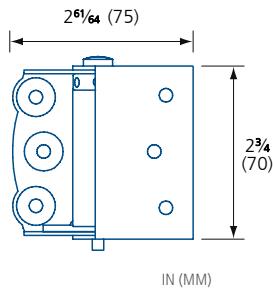
RESIDENTIAL HINGES

SCREEN DOOR SPRINGS



HALF SURFACE SCREEN DOOR SPRING HINGE

2930



- Non-handed
- Steel hinge with loose pin
- Half surface (full surface model available)
- Available with reversible spring
- Adjustable spring tension
- Mounting hardware included

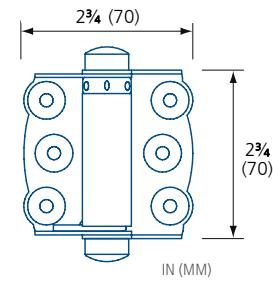
Available in a variety of architectural finishes and models – please contact to order or visit www.bommer.com for details

2930 C2G
MODEL FINISH



FULL SURFACE SCREEN DOOR SPRING HINGE – ADJUSTABLE

2980



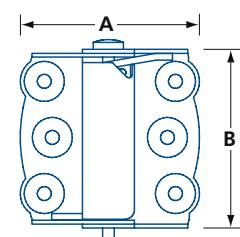
- Non-handed
- Steel hinge with button tip
- Full surface (half surface model available)
- Adjustable spring tension
- Mounting hardware included

Available in a variety of architectural finishes and models – please contact to order or visit www.bommer.com for details

2980 C2G
MODEL FINISH

FULL SURFACE SCREEN DOOR SPRING HINGE

960



- Non-handed
- Steel hinge with fixed pin
- Full Surface
- Fixed spring tension (not adjustable)
- Mounting hardware included

960 ZP
MODEL FINISH

MODEL	A	B	FINISH	/BOX	/CASE
960	3 (76)	2 29/32 (69.4)	ZP	—	200
2960	4 (102)	3 29/32 (95.8)	C2G	2	40

IN (MM)



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04.104

RESIDENTIAL HINGES

DOOR SPRING



AUXILIARY DOOR SPRING

2430, 2520



- Non-handed
- Economical closing device
- Adjustable spring tension
- Do not apply more than three (3) hole tension
- Maximum capacity: 50 lbs (22.7 kg)
- Mounting hardware included

Available in a variety of architectural finishes and models – please contact to order or visit www.bommer.com for details

2430	C1B
MODEL	FINISH

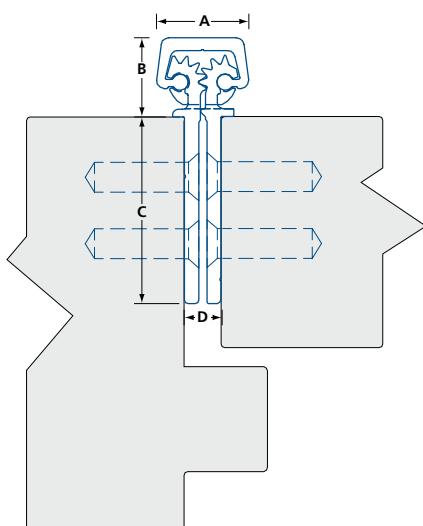


CONTINUOUS GEARED HINGES

FULL CONCEALED / HALF SURFACE

ABH[®] FULL CONCEALED ALUMINUM GEARED HINGES

ABH-A110HD



- Certified ANSI/BHMA A156.26, Grade 1
- cULus fire rated, 90/60 min.*
- Full mortise, heavy duty
- No door inset, flush mount
- 48" (1219 mm) door width maximum
- 450 lbs (204 kg) door weight maximum
- Undercut Tek screws included
- Power transfer ready model available (PT)
- 1000 lbs (454 kg) high capacity model available for lead lined doors

*Metal door / wood door

Available in a variety of finishes, models, options, and lengths. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

STANDARD LENGTHS

Inch: 79 / 83 / 85 / 95 / 120
MM: 2006 / 2108 / 2159 / 2413 / 3048

FINISHES

B-Black anodized
C-Clear anodized
D-Dark bronze anodized

MODEL	HD	C	095	-PT
MODEL	TYPE	FINISH	LENGTH	OPTION
ABH-A110				

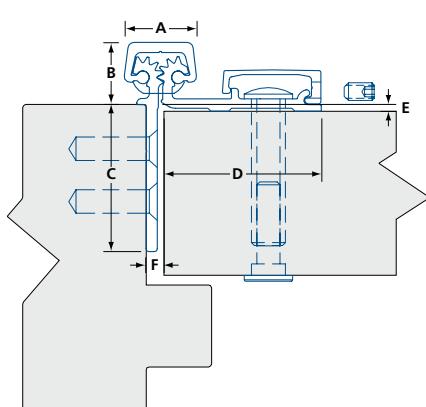
HD: HEAVY DUTY LL: HIGH CAPACITY PT: POWER TRANSFER

MODEL	A	B	C	D	E	CAPACITY ¹
ABH-A110HD	25/32 (19.8)	21/32 (16.7)	1 1/16 (39.7)	5/16 (7.9)	—	450 (204)

IN(MM) (1) LBS (KG) - HIGH CAPACITY MODEL AVAILABLE

ABH[®] HALF SURFACE ALUMINUM GEARED HINGES

ABH-A530HD



- Certified ANSI/BHMA A156.26, Grade 1
- cULus fire rated, 90/60 min.*
- Half surface, heavy duty
- 3/32" (2.4 mm) door inset
- 48" (1219 mm) door width maximum
- 450 lbs (204 kg) door weight maximum
- Undercut Tek screws and sex-nut bolts included

*Metal door / wood door

Available in a variety of finishes, models, options, and lengths. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

STANDARD LENGTHS

Inch: 79 / 83 / 85 / 95 / 120
MM: 2006 / 2108 / 2159 / 2413 / 3048

FINISHES

B-Black anodized
C-Clear anodized
D-Dark bronze anodized

MODEL	HD	C	083
MODEL	TYPE	FINISH	LENGTH

MODEL	A	B	C	D	E ¹	F	CAPACITY ²
ABH-A530HD	25/32 (19.8)	11/16 (17.5)	1 1/16 (39.7)	1 1/16 (42.9)	3/32 (2.4)	13/64 (5.1)	450 (204)

IN(MM) (1) DOOR INSET (2) LBS (KG)



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04.200

CONTINUOUS GEARED HINGES

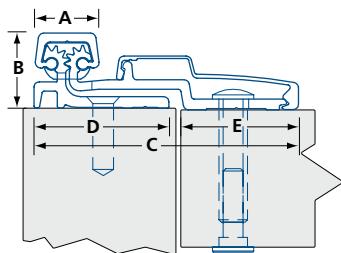
FULL SURFACE

ABH FULL SURFACE ALUMINUM GEARED HINGES (SWING CLEAR)

ABH-A210HD



BHMA
CERTIFIED



- Certified ANSI/BHMA A156.26, Grade 1
- cULus fire rated, 90/60 min.*
- Full surface, heavy duty
- Swing clear application
- No door inset, flush mount
- 48" (1219 mm) door width maximum
- 450 lbs (204 kg) door weight maximum
- Undercut Tek screws and sex-nut bolts included

*Metal door / wood door

Available in a variety of finishes, models, options, and lengths. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

STANDARD LENGTHS

Inch: 79 / 83 / 85 / 95 / 120
MM: 2006 / 2108 / 2159 / 2413 / 3048

FINISHES

B-Black anodized
C-Clear anodized
D-Dark bronze anodized

MODEL	HD	C	083
MODEL	TYPE	FINISH	LENGTH

MODEL	A	B	C	D	E	CAPACITY ¹
ABH-A210HD	25/32 (19.8)	29/32 (23)	3 5/32 (80.6)	1 5/8 (41.3)	135/64 (39.3)	450 (204)

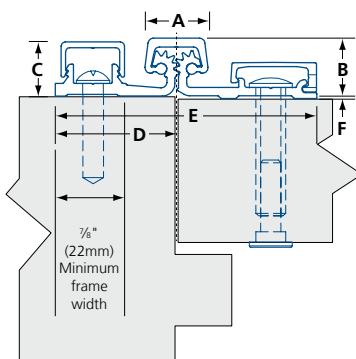
(1) LBS (KG) OTHER HIGH CAPACITY MODELS AVAILABLE

ABH FULL SURFACE ALUMINUM GEARED HINGES - CENTER PIVOT

ABH-A570HD



BHMA
CERTIFIED



- Certified ANSI/BHMA A156.26, Grade 1
- cULus fire rated, 90/60 min.*
- Full surface, heavy duty
- For narrow-faced frames, 7/8" (22mm) minimum frame width
- 1/16" (1.6 mm) door inset
- 48" (1219 mm) door width maximum
- 450 lbs (204 kg) door weight maximum
- Undercut Tek screws and sex-nut bolts included

*Metal door / wood door

Available in a variety of finishes, models, options, and lengths. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

STANDARD LENGTHS

Inch: 79 / 83 / 85 / 95 / 120
MM: 2006 / 2108 / 2159 / 2413 / 3048

FINISHES

B-Black anodized
C-Clear anodized
D-Dark bronze anodized

MODEL	HD	C	083
MODEL	TYPE	FINISH	LENGTH

MODEL	A	B	C	D	E ¹	F	CAPACITY ²
ABH-A570HD	23/32 (18.3)	23/32 (18.3)	21/32 (16.7)	1 15/32 (37.3)	33/16 (81)	1/16 (1.6)	450 (204)

IN(MM) (1) DOOR INSET (2) LBS (KG)



CONTINUOUS GEARED HINGES

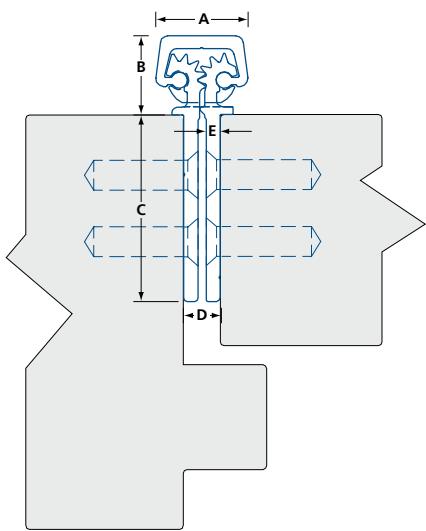
FULL CONCEALED

DOREX FULL CONCEALED ALUMINUM GEARED HINGE

CGH FM HD



10
YEAR



- Conforms to ANSI/BHMA A156.26 Grade 1
- 10 Year limited warranty
- Extruded 6063 aluminum alloy continuous geared hinges with self-lubricating thrust bearings
- Full concealed mounting (no mortise required), heavy duty
- No door inset, flush mount
- For doors $1\frac{3}{4}$ – $2\frac{1}{4}$ " (44.5 – 57 mm) thick, up to 48" (1219 mm) wide
- 400lbs (182 kg) door weight maximum
- Doors heavier than 200 lbs (90.7 kg) require door and frame reinforcement
- Mounting hardware included for metal door and frame:
 - #12-24 x $5\frac{5}{8}$ " (16 mm) self-drilling/tapping TEK screws (undercut)

STANDARD LENGTHS

Inch: 83 / 95 / 120
MM: 2108 / 2413 / 3048

FINISHES

AL—Aluminum anodized
DU—Dark bronze anodized
MB—Matte black anodized

CGH	FM	120	HD	—	AL
MODEL	TYPE	LENGTH	DUTY	FINSH	
HD: HEAVY DUTY					

MODEL	A	B	C	D	E	CAPACITY
CGH FM HD	$25\frac{3}{32}$ (20)	$\frac{3}{4}$ (19)	$1\frac{1}{16}$ (40)	$5\frac{1}{16}$ (8)	$\frac{1}{8}$ (3)	400 (182)
	IN(MM)	LBS (KG)				



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CONTINUOUS GEARED HINGES

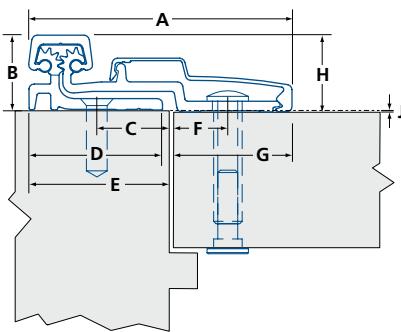
FULL SURFACE

DOREX® FULL SURFACE ALUMINUM GEARED HINGE (SWING CLEAR)

CGH FSSC HD



10
YEAR



- Conforms to ANSI/BHMA A156.26 Grade 1
- 10 Year limited warranty
- Extruded 6063 aluminum alloy continuous geared hinges with self-lubricating thrust bearings
- Full surface, heavy duty
- Swing clear application
- 1/32" (0.8 mm) door inset
- For doors 1 3/4" – 2 1/4" (44.5 – 57 mm) thick, up to 48" (1219 mm) wide
- For door frames at least 1 3/4" (44 mm) wide when aligned with door gap
- 400 lbs (182 kg) door weight maximum
- Doors heavier than 200 lbs (90.7 kg) require door and frame reinforcement
- Mounting hardware included for metal door and frame:
 - #12-24 x 5/8" (16 mm) self-drilling/tapping TEK screws (undercut)
 - 1/4-20 Sex bolt and machine screws for doors up to 2 1/4" (57 mm) thick

STANDARD LENGTHS

Inch: 83 / 95 / 120
MM: 2108 / 2413 / 3048

FINISHES

AL—Aluminum anodized
DU—Dark bronze anodized
MB—Matte black anodized

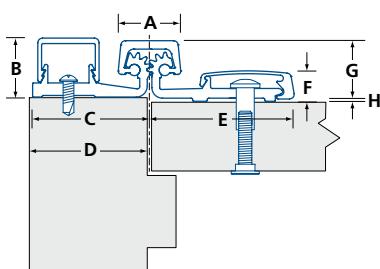
CGH	FSSC	120	HD	—	AL
MODEL	TYPE	LENGTH	DUTY	FINISH	
HD: HEAVY DUTY					
MODEL	A	B	C	D	E
CGH FSSC HD	3.18 (81)	0.91 (23)	0.72 (18)	1.37 (35)	1.73 (44)
			F	G	H
			0.67 (17)	1.27 (32)	0.94 (24)
					0.03 (0.8)
					400 (182)
IN(MM)		(1) DOOR INSERT	(2) LBS (KG)		

DOREX® FULL SURFACE ALUMINUM GEARED HINGE (CENTER PIVOT)

CGHFS HD



10
YEAR



- Conforms to ANSI/BHMA A156.26 Grade 1
- 10 Year limited warranty
- Extruded 6063 aluminum alloy continuous geared hinges with self-lubricating thrust bearings
- Full surface, heavy duty
- 1/16" (1.6 mm) door inset
- For doors 1 3/4" – 2 1/4" (44.5 – 57 mm) thick, up to 48" (1219 mm) wide
- For narrow-faced door frames at least 1 1/2" (38 mm) when aligned with door gap; 7/8" (22 mm) when offset
- 400 lbs (182 kg) door weight maximum
- Doors heavier than 200 lbs (90.7 kg) require door and frame reinforcement
- Mounting hardware included for metal door and frame:
 - #12-24 x 5/8" self-drilling/tapping TEK screws (undercut)
 - 1/4-20 Sex bolt and machine screws for doors up to 2 1/4" (57 mm) thick

STANDARD LENGTHS

Inch: 83 / 95 / 120
MM: 2108 / 2413 / 3048

FINISHES

AL—Aluminum anodized
DU—Dark bronze anodized
MB—Matte black anodized

CGH	FS	120	HD	—	AL
MODEL	TYPE	LENGTH	DUTY	FINISH	
HD: HEAVY DUTY					
MODEL	A	B	C	D	E
CGHFS HD	25/32 (20)	3/4 (19)	1 15/32 (37)	1 1/2 (38)	1 7/8 (48)
		F	G	H ¹	CAPACITY ²
		3/8 (9.5)	3/4 (19)	1/16 (1.6)	400 (182)
IN(MM)		(1) DOOR INSERT	(2) LBS (KG)		

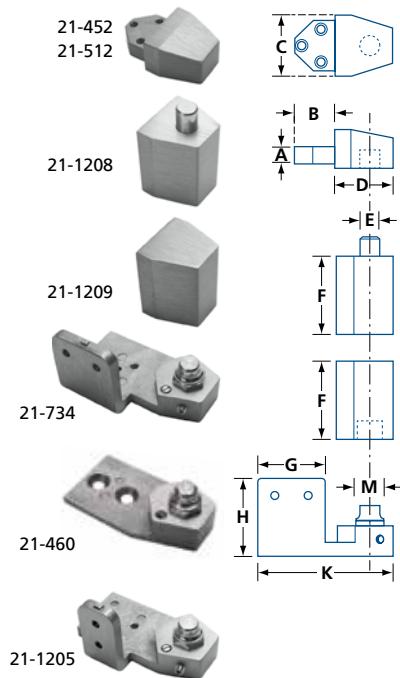


PIVOTS

OFFSET

DOREX J SERIES 3/4" OFFSET PIVOT SETS

J25, J26, J28, J31



- For aluminum door and frame
- Handed or non-handed – see chart
- Capacity up to 125 lbs (57 kg)
- 1/8" (3 mm) vertical adjustment range
- Aluminum die-cast housing
- All-weather acrylic coating
- Oilite bronze bushing in frame top unit
- Spring loaded pivot in door top unit
- Full race ball bearing in door bottom unit
- Case-hardened steel stub in frame bottom unit
- Modular design, all set components available individually – see chart

J2501 AL
SET FINISH

J25 / J26 / J28 / J31

TYPE	SET	HAND	FINISH	FRAME TOP	DOOR TOP	DOOR BOTTOM	FRAME BOTTOM
Flush, jamb mount	J2501	RIGHT	AL	21-452	21-1208	21-1209	21-734
	J2502	LEFT	AL				21-738
1/8" Recess, jamb mount	J2601	RIGHT	AL	21-512	21-1208	21-1209	21-734
	J2602	LEFT	AL				21-738
1/8" Recess, non-handed	J2800	—	AL	21-512	21-1208	21-1209	21-460
1/8" Recess, narrow	J3101	RIGHT	AL	21-512	21-1208	21-1209	21-1205
	J3202	LEFT	AL				21-1204

	A	B	C	D	E	F	G	H	K	M
J25	13/32 (10)	29/32 (23)	1 3/8 (34.8)	1 1/32 (32.4)	7/16 (11)	1 3/4 (44.4)	1 1/2 (38.1)	1 3/4 (44.3)	3 1/32 (77)	11/16 (17.2)
J26	13/32 (10)	29/32 (23)	1 3/8 (34.8)	1 1/32 (32.4)	7/16 (11)	1 3/4 (44.4)	1 1/2 (38.1)	1 3/4 (44.3)	3 1/32 (77)	11/16 (17.2)
J28	13/32 (10)	29/32 (23)	1 3/8 (34.8)	1 1/32 (32.4)	7/16 (11)	1 3/4 (44.4)	—	—	3 1/32 (77)	11/16 (17.2)
J31/32	13/32 (10)	29/32 (23)	1 3/8 (34.8)	1 1/32 (32.4)	7/16 (11)	1 3/4 (44.4)	7/8 (22.2)	1 3/4 (44.3)	3 1/32 (77)	11/16 (17.2)

IN(MM)



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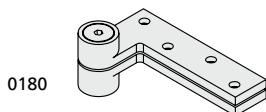
04.300

PIVOTS

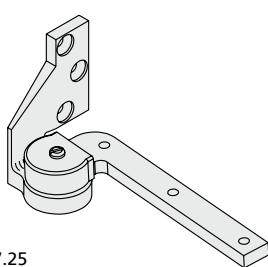
OFFSET

ABH 3/4" OFFSET PIVOT SET – JAMB MOUNT

ABH-0117.25



0180



0117.25

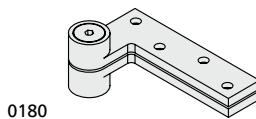
- Handed - indicate handing
- Maximum door width 42" (1066 mm) - interior doors only
- Maximum door load 250 lbs (113 kg)
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C07162/3530A (modified)
- Heavy duty bearings
- Stainless steel base material
- Top pivot (#0180), header mount
- Bottom pivot (#0117.25), jamb mount
- Extended spindles available (special order)
- Use with ABH-019 intermediate pivot

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

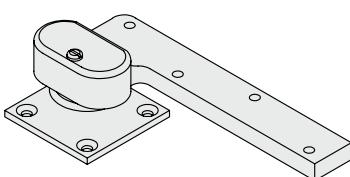
ABH-0117.25	-32D	-RH
MODEL	FINISH	HAND
LH : LEFT HAND RH : RIGHT HAND		

ABH 3/4" OFFSET PIVOT SET

ABH-0147



0180



0147

- Handed - indicate handing
- Maximum door load 600 lbs (272 kg)
- Maximum door width 48" (1219 mm); 36" (914 mm) for exterior doors
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C07162/3530A (modified)
- Heavy duty bearings
- Stainless steel base material
- Top pivot (#0180), header mount
- Bottom pivot (#0147), floor mount
- Use with ABH-019 intermediate pivot

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

ABH-0147	-32D	-RH
MODEL	FINISH	HAND
LH : LEFT HAND RH : RIGHT HAND		

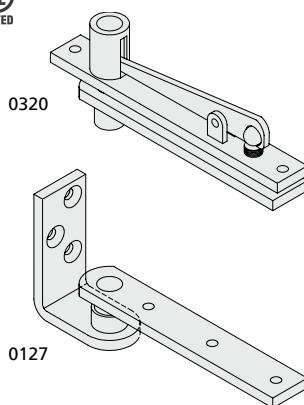


PIVOTS

CENTER HUNG

ABH CENTER HUNG PIVOT SET – JAMB MOUNT

ABH-0127



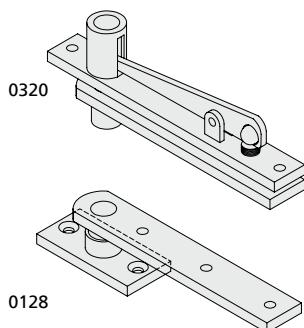
- Non handed
- Maximum door load 200 lbs (91 kg)
- Maximum door size 42 x 102" (1066x 2591 mm) – interior doors only
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C071042
- Heavy duty bearings
- Stainless steel base material
- Light duty top pivot (#0320), header mount
- Bottom pivot (#0127), jamb mount
- Extended spindles available (special order)
- Can be used with ABH Rescue Stops – please contact

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

ABH-0127	-32D
MODEL	FINISH

ABH CENTER HUNG PIVOT SET

ABH-0128



- Non-handed
- Maximum door load 250 lbs (113 kg)
- Maximum door size 42 x 102" (1066x 2591 mm) – interior doors only
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C07032/3530 (modified)
- Heavy duty bearings
- Stainless steel base material
- Light duty top pivot (#0320), header mount
- Bottom pivot (#0128), floor mount
- Extended spindles available (special order)
- Available with ABH CR4550 Rescue Strike – please contact

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

ABH-0128	-32D
MODEL	FINISH

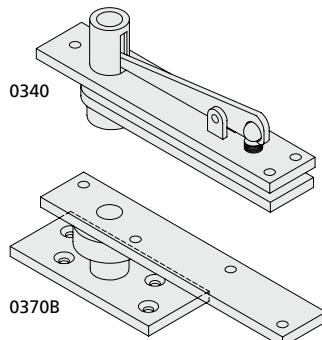


PIVOTS

CENTER HUNG

ABH CENTER HUNG PIVOT SET – HEAVY DUTY

ABH-0370



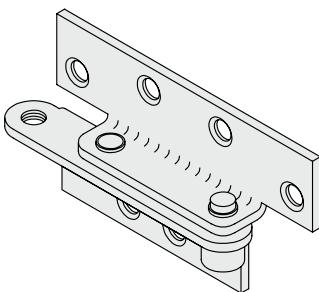
- Non-handed
- Maximum door load 500 lbs (227 kg)
- Maximum door size 44 x 102" (1118 x 2591 mm) – interior doors only
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C07032
- Heavy duty bearings
- Stainless steel base material
- Heavy duty top pivot (#0340), header mount
- Bottom pivot (#0370B), floor mount
- Extended spindles available (special order)
- Top and bottom pivots available individually

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

ABH-0370	-32D
MODEL	FINISH

ABH REINFORCEMENT PIVOT – 3/4" OFFSET

ABH-0923



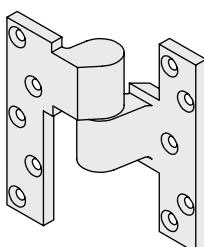
- Helps take load off failing top hinge and eliminate door sagging
- Surface mounts to the frame header and door face
- For $\frac{1}{8}$ " (3 mm) inset door with $\frac{3}{4}$ " (19 mm) offset
- Non-handed
- Maximum door load 300 lbs (137 kg)
- Steel base material

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

ABH-0923	-32D
MODEL	FINISH

ABH INTERMEDIATE PIVOT – 3/4" OFFSET

ABH-019



- Doors ranging from 60" tall should use one intermediate pivot. An additional intermediate pivot should be used for each additional 30" in door height. (ie, 90" tall door should use two intermediate pivots)
- Mortises into side jamb and hinge edge of door
- Handed
- For use with $\frac{3}{4}$ " (19 mm) offset pivot sets
- UL listed for use on 3-hour fire rated doors
- Helps maintain door alignment
- Heavy duty stainless steel needle bearings
- Stainless steel base material

Available in a variety of finishes, models, and options. Please contact us to order. Visit www.abhmf.com for product or warranty details (coverage may vary by country).

ABH-019	LH	-32D
MODEL	HAND	FINISH

LH: LEFT HAND RH: RIGHT HAND



PIVOTS

SPRING & GRAVITY PIVOTS

7512P GRAVITY PIVOT



- Steel with nylon pivot bearing
- Non handed
- No spring, door self closing with door weight
- Double acting $\pm 90^\circ$, with $\frac{5}{8}$ " (16 mm) door vertical rise
- Door thickness $\frac{7}{8}$ " to $1\frac{3}{4}$ " (22 mm to 44 mm)
- Maximum door width: 30" (762 mm)
- Maximum door weight: 50 lbs (22.7kg)
- Surface mounted top & bottom door pivots
- Surface mounted mounting brackets
- Included #10 x 1" long mounting wood screws
- Zinc plated
- 7512P-H with hold-open feature

7512P	2G
MODEL	FINISH



7100 SERIES ADJUSTABLE SPRING PIVOTS



7112
Surface Pivot



7122
Mortise Pivot

- Non-handed
- For doors up to 36" (812 mm) wide, $2\frac{1}{2}$ " (64 mm) thick
- Maximum door weight: 75 lbs (34 kg)
- Cast steel with steel components
- Double acting
- Self-lubricating bearing
- Adjustable spring tension
- Flat door bracket for doors not less than 1" (25.4 mm) thick
- Flat jamb bracket: $1\frac{1}{4}$ " (31.8 mm) wide

7112	C2G
MODEL	FINISH

Available in a variety of architectural finishes, models and sizes –
please contact to order or visit www.bommer.com for details



PIVOTS

SPRING & GRAVITY PIVOTS

7800 SERIES HORIZONTAL SPRING PIVOTS



7801-C26D SATIN CHROME

Light (35 lbs/16 kg)
Floor Mounted
Hold Open at 85°

7811P-H-19 MATTE BLACK

Medium (77 lbs/35 kg)
Floor Mounted
Hold Open at 88° and 116°

7811P-H-32D SATIN STAINLESS STEEL

Heavy (150 lbs/68 kg)
Floor Mounted
No Hold Open

- Non handed
- Light, medium and heavy duty models available
- Double acting
- Anti-friction bearing
- Maximum door width: 36" (914 mm)
- Door thickness: 1 $\frac{3}{8}$ –1 $\frac{3}{4}$ " (35–44.5 mm)
- Hold open models available
- Top pivot and plate included

7811P-H - 32D	
MODEL	FINISH



PATCH FITTINGS

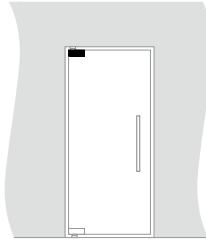
GLASS DOOR & PANELS

PF120 TOP DOOR PATCH FITTING



- Recommended for use with top pivot #PF120TP1 or walking pivot #PF120TP2
- Also recommended for use with corner patch fitting #PF140 or wall mounted patch fitting #PF130
- Capacity: 220 lbs (100 kg)

PF120	—	630
MODEL	FINISH	



Maximum Door Size:
39 x 108 in (100 x 274 cm)

628	629	630	19
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK



PF120TP1
Top Pivot



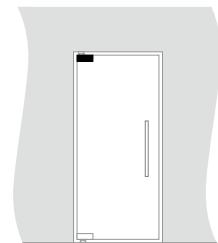
PF120TP2
Walking Pivot

PF121 TOP DOOR PATCH FITTING – EXTENDED COVER



- Recommended for use with #PF120TP1 top pivot or #PF120TP2 walking pivot
- Extended cover used to match #PF100DC/DCHO hydraulic patch fitting closer (see page 03.060)
- Capacity: 220 lbs (100 kg)

PF121	—	630
MODEL	FINISH	



Maximum Door Size:
39 x 108 in (100 x 274 cm)

628	629	630	19
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK



PF120TP1
Top Pivot



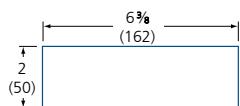
PF120TP2
Walking Pivot



PATCH FITTINGS

GLASS DOOR & PANELS

PF150 TOP DOOR PATCH FITTING

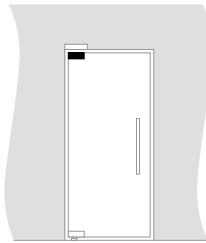


- Recommended for use with DOREX 30 concealed overhead door closer (see page 03.052)
- Capacity: 220 lbs (100 kg)

PF150	–	630
MODEL	FINISH	

628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(*) SPECIAL ORDER

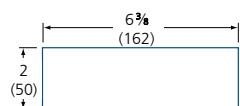


Maximum Door Size:
39x108 in (100x274 cm)



DOREX 30 Series
Door Closer

PF110 BOTTOM DOOR PATCH FITTING

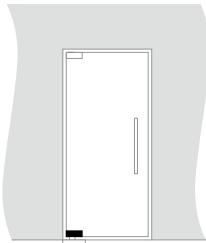


- Recommended for use with #PF110BP1 bottom door pivot or with DOREX 40 Series concealed floor closer (see page 03.054)
- Capacity: 220 lbs (100 kg)

PF110	–	630
MODEL	FINISH	

628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(*) SPECIAL ORDER



Maximum Door Size:
39x108 in (100x274 cm)



DOREX 40 Series
Door Closer



PF110BP1
Bottom Door Pivot



PATCH FITTINGS

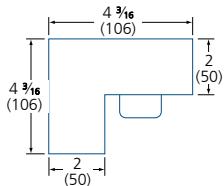
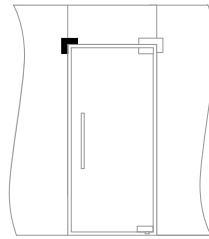
GLASS DOORS AND PANELS

PF160 TRANSOM CORNER PATCH FITTING WITH DOOR STOP



- For use with glass transom and sidelight
- For single glass door applications
- Capacity: 220 lbs (100 kg)

PF160 – 630
MODEL FINISH



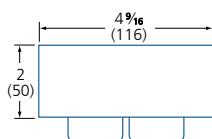
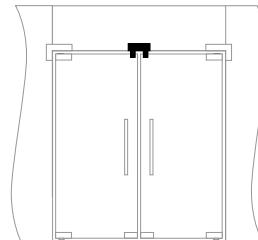
628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(* SPECIAL ORDER)

PF165 TRANSOM CONNECTOR WITH DOOR STOP



- For use with glass transom
- For double glass door applications
- Capacity: 220 lbs (100 kg)



PF165 – 630
MODEL FINISH

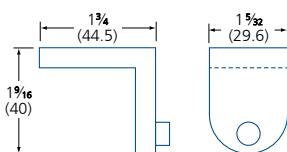
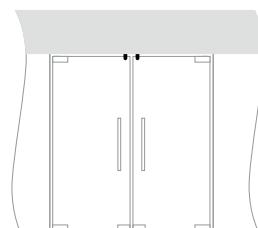
628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(* SPECIAL ORDER)

PF165CM CEILING MOUNTED DOOR STOP



- Installed on ceiling or solid transom
- For single or double glass door applications
- Cast stainless steel
- Includes mounting screws and plastic anchors



PF165CM – 630
MODEL FINISH



PATCH FITTINGS

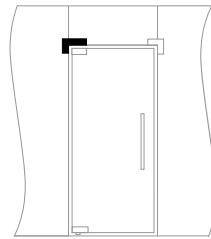
GLASS DOOR & PANELS

PF140 TRANSOM CORNER PATCH FITTING WITH PIVOT

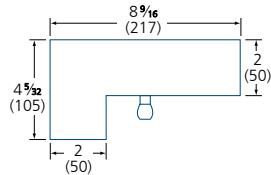


- For use with glass transom and sidelight
- Recommended for use with top door patch fitting #PF120
- Capacity: 220lbs (100kg)

PF140 - 630
MODEL FINISH



Maximum Door Size:
39 x 108 in (100 x 274 cm)



PF120
Top Door Patch Fitting

628	629	630	19
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK



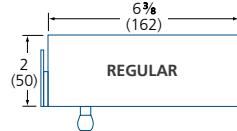
PATCH FITTINGS

GLASS DOORS AND PANELS

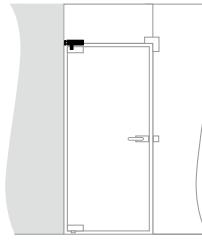
PF130 WALL MOUNT TRANSMOM PATCH FITTING WITH PIVOT



- For wall mounted installation with glass transom
- Recommended for use with top door patch fitting #PF120
- Includes machine screws and anchors
- Capacity: 220lbs (100kg)



PF130	–	630
MODEL		FINISH



Maximum Door Size:
39x108in (100x274 cm)

628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(*) SPECIAL ORDER

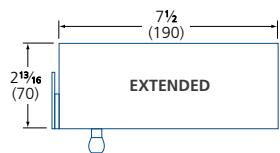


PF120
Top Door Patch Fitting

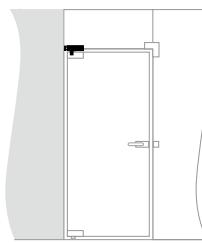
PF131 WALL MOUNT TRANSMOM PATCH FITTING WITH PIVOT - EXTENDED COVER



- For wall mounted installation with glass transom
- Recommended for use with #PF100DC or #PF102DC door closers (see page 03.060 or 03.062) and top door patch fitting #PF121
- Includes machine screws and anchors
- Capacity: 220lbs (100kg)



PF131	–	630
MODEL		FINISH



Maximum Door Size:
39x108in (100x274 cm)

628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(*) SPECIAL ORDER



PF100DC / PF102DC
Door Closer



PF121
Top Door Patch Fitting



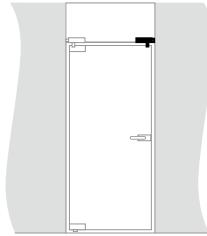
PATCH FITTINGS

GLASS DOOR & PANELS

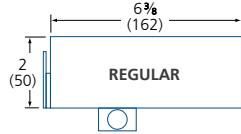
PF163 WALL MOUNT TRANSOM PATCH FITTING WITH DOOR STOP



- For wall mounted installation with glass transom
- Includes regular machine screws and anchors
- Capacity: 220 lbs (100 kg)



PF163	–	630
MODEL		FINISH



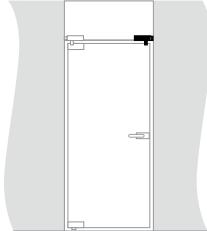
628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(*)SPECIAL ORDER

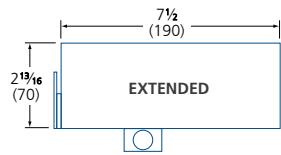
PF164 WALL MOUNT TRANSOM PATCH FITTING WITH DOOR STOP – EXTENDED COVER



- For wall mounted installation with glass transom
- Recommended for use with #PF100DC or #PF102DC door closers (see page 03.060 or 03.062) and top door patch fitting #PF121
- Includes regular machine screws and anchors
- Capacity: 220 lbs (100 kg)



PF164	–	630
MODEL		FINISH



628	629	630	19*
ALUMINUM	POLISHED STAINLESS STEEL	SATIN STAINLESS STEEL	MATTE BLACK

(*)SPECIAL ORDER



PF100DC / PF102DC
Door Closer



PF121
Top Door Patch Fitting



ASSORTED HINGES

STRAP, TEE & BACK FLAP HINGES

STRAP HINGE

1209

- Heavy duty steel hinge, fixed pin
- Counter-sunk holes
- Screws not included



1209	ZP	4
MODEL	FINISH	SIZE

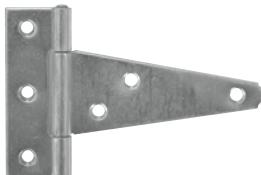
MODEL	HINGE SIZE (LxW) INCHES	HINGE SIZE (LxW) MM	FINISH	HOLES	SCREWS NOT INCLUDED	QTY ¹
1209 4	3 1/2 x 4	88.9 x 88.9	ZP	6	#8	2/10
1209 6	4 x 6	101.6 x 101.6	ZP	6	#8	2/10

(1) 2/10 : QUANTITY PER BOX / PAIRS PER CASE. HINGES NOT SOLD INDIVIDUALLY.
ZP-ZINC PLATED

TEE HINGE

1609

- Heavy duty steel hinge, fixed pin
- Counter-sunk holes
- Screws not included



1609	ZP	4
MODEL	FINISH	SIZE

MODEL	HINGE SIZE (LxW) INCHES	HINGE SIZE (LxW) MM	FINISH	HOLES	SCREWS NOT INCLUDED	QTY ¹
1609 4	3 3/8 x 4	86 x 107	ZP	6	#8	2/10
1609 6	4 1/2 x 6	113 x 153	ZP	6	#8	2/5

(1) 2/10 : QUANTITY PER BOX / PAIRS PER CASE. HINGES NOT SOLD INDIVIDUALLY.
ZP-ZINC PLATED

BACK FLAP HINGE

1002, 4002, 4012

- Steel hinge, fixed or bent loose pin
- Counter-sunk holes
- Screws not included



1002-114	MODEL
----------	-------

1002-114
Fixed pin



4012
Bent loose pin

MODEL	HINGE SIZE (LxW) INCHES	HINGE SIZE (LxW) MM	FINISH	HOLES	SCREWS NOT INCLUDED	QTY ¹
1002-114	1 1/4 x 3 1/4	32 x 83	ZP	6	#6	2/10
1002-112	1 1/2 x 3 1/2	38 x 89	ZP	6	#7	2/10
1002-2	2 x 4 1/2	51 x 114	ZP	6	#8	2/10
4002	2 x 4 1/4	51 x 107	PS	6	#8	2/10
4012	2 x 4 1/4	51 x 107	PS	6	#8	2/10

(1) 2/10 : QUANTITY PER BOX / PAIRS PER CASE. HINGES NOT SOLD INDIVIDUALLY.
ZP-ZINC PLATED; PS-PLAIN STEEL



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04.500

ASSORTED HINGES

MISCELLANEOUS HINGES

3-LEAF PANEL HINGES

130



130, 130A,
130ST

130L

- For light weight panels
- $3\frac{1}{2} \times 2\frac{1}{4}$ " (89x57 mm) steel hinge
- Fixed or loose pin
- Nylon bearings
- Screws NOT included

OPTIONS

A: Lose pin, assembled
L: Extended $2\frac{1}{2}$ " (64 mm) center leaf
ST: Steeple tip

FINISH

C15: Satin nickel
C2G: Zinc plated
C4: Satin brass

130	ST	C4
MODEL	OPTION	FINISH

AVAILABLE 50 PAIRS / BOX

GRAVITY PIVOT HINGE – LIGHT DUTY

3000



- For $\frac{3}{4}$ " (19 mm) or thicker light weight panels
- Steel with nylon bearings
- Adjustable panel plumb
- Hold open at 110°
- Brass plated

3000
MODEL

AVAILABLE 10 PAIRS / BOX

LIFT-HINGE

4570



- Light duty
- $3 \times 2\frac{1}{4}$ " (76x57 mm) steel hinge
- Handed
- Swagged
- Unfinished plain steel
- Screws NOT included

4570	L
MODEL	HAND

L-LEFT; R-RIGHT AVAILABLE 10 PAIRS / BOX



ASSORTED HINGES

CONTINUOUS HINGE

CONTINUOUS HINGES

1116, 114, 112, 2, 3



- Steel hinge with steel pin
- Only available in 72" (1829 mm) lengths
- Screws are not included
- Stainless steel models available—see chart
- Aluminum models available—see chart

OPTIONS

NH: No Holes

2AL	NH
MODEL	OPTION

PLEASE CONTACT FOR OPTION/FINISH AVAILABILITY

MODEL	MATERIAL	SIZE OPEN WIDTH	HOLE SPACING	KNUCKLE WIDTH	SCREWS NOT INCLUDED	QTY ¹
3PS	Steel	3 (76)	2 (50.8)	½ (12.7)	N/A*	100
1116ST		1 1/16 (27)			#5	100
114ST		1 1/4 (32)			#5	100
112ST	Stainless steel	1 1/2 (38)	2 (50.8)	½ (12.7)	#6	50
2ST		2 (51)			#6	50
3ST		3 (76)			N/A*	50
112AL		1 1/2 (38)	2	½	#6	100
2AL	Aluminum	2 (51)	(50.8)	(12.7)	#6	50

IN (MM) (*) ONLY AVAILABLE WITHOUT HOLES (1) QUANTITY PER CASE



SPECIALTY HINGES

INVISIBLE HINGES

SOSS INVISIBLE HINGES

SOSS



S220
5½" (140mm)

- For wood or metal applications
- Models can accommodate cabinet to full-sized doors
- Hinge cannot be seen or tampered with when closed
- Zinc body with steel pins
- Opens 180°
- Smooth operation
- All hinges include wood screws; machine screws available (please specify)
- Fire rated (UL Listed) models up to 180 minutes available
- Power Transfer models available
- Extreme weight or size models available
- Surface mounted models for metal cabinets available
- Steel door reinforcement plates available



S220PT
5½" (140mm)
Power Transfer



S106
2¾" (60mm)
Rear-mount

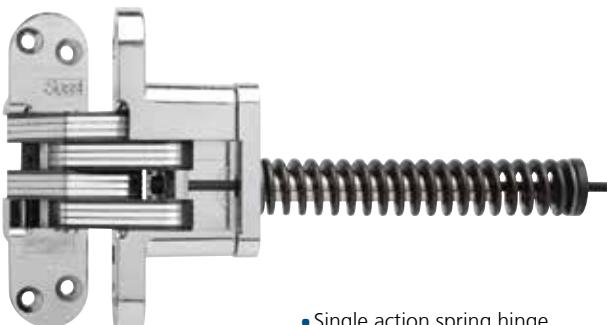
Available in a wide variety of finishes, models, sizes, and options. Please contact us to order. Visit www.soss.com for product or warranty details.

S220	FR	C26D
MODEL	OPTION	FINISH

PLEASE CONTACT TO ORDER

SOSS INVISIBLE SPRING HINGE CLOSER

SOSS



- Single action spring hinge
- For solid wood or hollow core doors 1¾–2" (35–51 mm) thick
- Maximum opening: 180°
- Hinge cannot be seen or tampered with when closed
- Adjustable closing speed after installation by hex key
- Can be installed inside door or jamb
- Recommend one spring hinge for every 20" (508 mm) height or every 55 lbs (25 kg)
- Supporting invisible hinges are required
- Fire rated (UL Listed) models up to 180 minutes available

Available in a wide variety of finishes, models, sizes, and options. Please contact us to order. Visit www.soss.com for product or warranty details.

S220IC	C26D
MODEL	FINISH

PLEASE CONTACT TO ORDER



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SPECIALTY HINGES

INVISIBLE HINGES

SOSS INVISIBLE BARREL HINGES

SOSS



- Not recommended for vertical or load bearing applications - light applications only
- Hinge cannot be seen or tampered with when closed
- Easy press-fit installation; additional screw can be used to additional strength on some sizes
- Solid brass
- Opens to 180°

Available in a wide variety of finishes, models, sizes, and options. Please contact us to order. Visit www.soss.com for product or warranty details.

SBH124	C4
MODEL	FINISH

PLEASE CONTACT TO ORDER



SPECIALTY HINGES

POWER TRANSFER

ABH[®] POWER TRANSFER – PRE-WIRED

ABH-PT200, ABH-PT1000



- Allows transferring electrical power & data from the frame to the door in a secure and discreet manner.
- Unit mortises into the edges of the door and frame and is completely concealed when the door is in the closed position.
- All metal construction including backboxes - NO PLASTIC PARTS
- Ideal for high abuse or heavy traffic situations
- UL/ULC Listed for use on fire doors
- For doors at least $1\frac{3}{4}$ " (45 mm) thick
- Maximum door opening: 180°
- Not for use with swing clear hinges, pocket pivots, butt hinges larger than 6" (152 mm), $1\frac{1}{2}$ " (38 mm) offset pivots or center hung doors
- ABH-PT200: (2) 18 AWG Wires (MAX. 24VDC, 5A)
- ABH-PT1000: (10) 24 AWG Wires (MAX. 24VDC, 1A)

Available in a wide variety of finishes and options

– please contact to order or visit www.abhmf.com for details

ABH-PT200 – 28

MODEL FINISH

PLEASE CONTACT TO ORDER

ABH[®] POWER TRANSFER

ABH-PT105, AB-PT180



- Models provide housing for running wires from the frame to the door in a secure and discreet manner
- Stainless steel housing and spring conduit
- Spring conduit fits wire bundles up to $\frac{5}{16}$ " (8 mm) thick
- Works with most butt hinges, continuous hinges and $\frac{3}{4}$ " (19 mm) offset pivots
- Maximum door opening
 - » ABH-PT105: 105°
 - » ABH-PT180: 180°
- Available with square or round corners

Available in a wide variety of finishes and options

– please contact to order or visit www.abhmf.com for details

ABH-PT105 – 32D

MODEL FINISH

PLEASE CONTACT TO ORDER



SPECIALTY HINGES

POWER TRANSFER

DOOR LOOP

SDL-20



- A door loop is a simple method of transferring low voltage power from the door frame to the locking device
- Commonly used with electric mortise and cylindrical locks, electric exit trims and latch pullback devices.
- Surface mounted
- Non-wired
- Field sizeable flexible armoured conduit
- Minimum conduit length included: 20" (508 mm)
- Maximum electrical wires: 7 ea. 18 awg, 10 ea. 22 awg
- Pre-drilled mounting holes
- Available in aluminum finish (AL)
- Dark bronze finish available by special order

SDL-20	AL
MODEL	FINISH

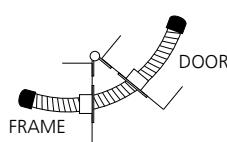
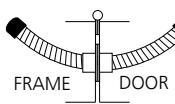
AL: ALUMINUM

DOOR LOOP – CONCEALED

CDL



- A door loop is a simple method of transferring low voltage power from the door frame to the locking device
- Unlike surface door loops, the armoured conduit slides into the door and/or door frame.
- For continuous or butt hinge, full mortise, half mortise or half surface applications
- Supports up to 180° openings
- Concealed mounting
- Non-wired
- Flexible 6" (152.4 mm) armoured conduit, $\frac{1}{4}$ " (6.4 mm) diameter
- Aluminum end-caps



CDL	-	AL
MODEL	FINISH	

AL: ALUMINUM

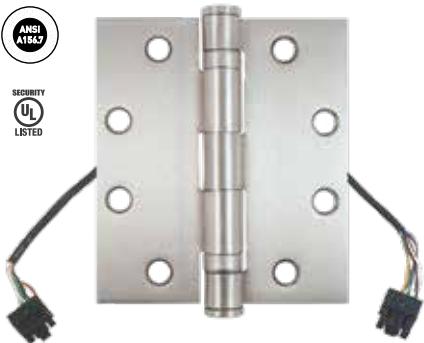


SPECIALTY HINGES

POWER TRANSFER

POWER TRANSFER HINGE

JC-603QC-BB1079



- Standard weight, full mortise
- 5 knuckles, 2 ball bearings
- Steel with non-removable steel pin
- ANSI/BHMA A156.7 template hole pattern
- UL Security Listed
- For hollow door and frame
- 8 or 4 wire transfer with molex connector
- Wood and undercut machine screws included
- Must be installed with two other ball bearing hinges of the same size

OPTIONS
ETW04: 4 Wires
ETW08: 8 Wires

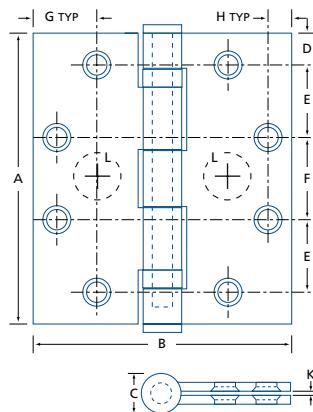
JC-603QC0-BB1079 - 454 - 26D - ETW08
MODEL SIZE FINISH OPTION

SIZE	INCHES	MM	LEAF GAUGE	HOLES	SCREWS INCLUDED MACHINE WOOD	QTY ¹
454	4 1/2 x 4	114.3 x 101.6	0.134	8	#12-24 x 1/2 #12 x 1 1/4	1

(1) SOLD BY UNIT

WIRING DETAILS

- Wiring: 28 AWG stranded w/PTFE insulation, NEMA HP-3
- Maximum Amp: 4 amp continuous for wires up to 9in (228.6mm) @ 24v AC or DC
EX: 8 wires = 0.5amp / wire
- Maximum Surge (in-rush): 16amp pulse for 300msec / 10amp pulse for 250 msec.



A	B	C	D	E	F	G	H	K	o L*
4 1/2 (114.3)	4 (101.6)	19/32 (15.2)	1/2 (12.7)	1 1/8 (28.6)	1 15/64 (31)	1 (25.4)	3/8 (9.5)	1/16 (1.6)	19/32 (o15)

DIMENSIONS IN INCHES (MILLIMETRES) AS PER ANSI A156.7
SEE INSTALLATION INSTRUCTIONS FOR DETAILS

*DIMENSION OF THE NODE, NOT FRAME PREPARATION.



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