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SPECIALTY

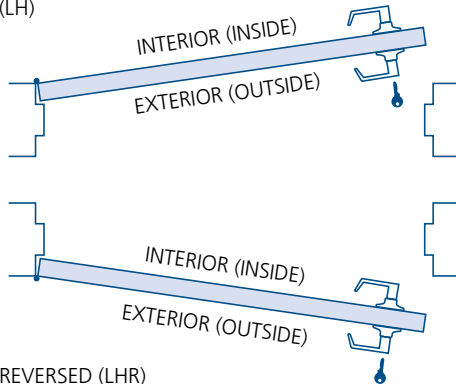
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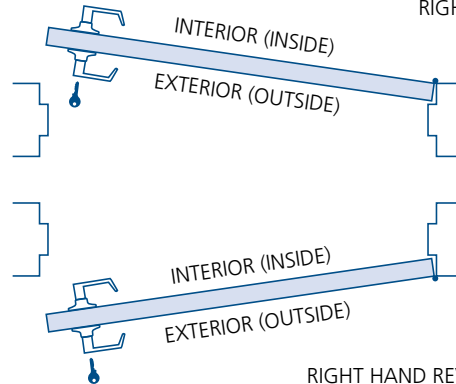
DOOR HANDING GUIDE

LEFT HAND (LH)












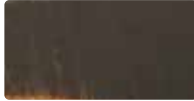


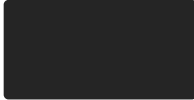







LEFT HAND REVERSED (LHR)

RIGHT HAND (RH)



RIGHT HAND REVERSED (RHR)

FINISH GUIDE

| | | | | |
|---|---|--|---|---|
|  |  |  |  |  |
| PRIME COATED | BLACK JAPANPED / 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 |
| 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 |
| 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 |
| 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.

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: 1/4" (6.4 mm)*

B: NRP, radius corners: 5/32" (4 mm)*

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

BB1079 - 454 - * - 26D - NRP

MODEL SIZE CORNER FINISH OPTION

(*) LEAVE BLANK FOR SQUARE CORNERS.

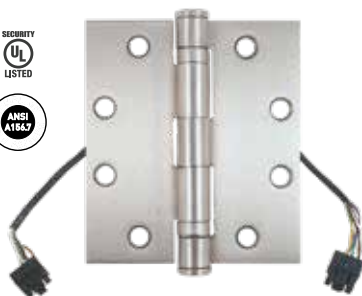
| SIZE | INCHES | MM | GAUGE | HOLES | SCREWS INCLUDED MACHINE WOOD | QTY ¹ |
|-------|---------------|---------------|-------|-------|---------------------------------|------------------|
| 3535* | 3 1/2 x 3 1/2 | 88.9 x 88.9 | 0.123 | 6 | #10-24 x 1/2 #9 x 1 | 3/60 |
| 44* | 4 x 4 | 101.6 x 101.6 | 0.130 | 8 | #12-24 x 1/2 #12 x 1 1/4 | 3/60 |
| 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 |
| 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 | 3/60 |
| 545* | 5 x 4 1/2 | 127 x 114.3 | 0.146 | 8 | #12-24 x 1/2 #12 x 1 1/4 | 3/30 |
| 55* | 5 x 5 | 127.0 x 127.0 | 0.146 | 8 | #12-24 x 1/2 #12 x 1 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.



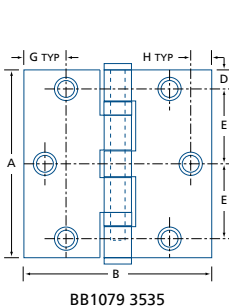
4-WIRE (28 AWG)

JC-603QC-BB1079-454-26D-ETW04

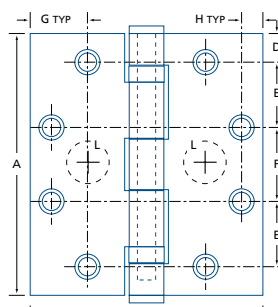
8-WIRE (28 AWG)

JC-603QC-BB1079-454-26D-ETW08

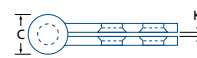
For more information, see page 04.620



BB1079 3535



BB1079 44 / 454 / 4545 / 545 / 55
JC-603QC-BB1079



| MODEL | A | B | C | D | E | F | G | H | K | L* |
|------------------------|------------------|------------------|-----------------|----------------|-------------------|-------------------|------------------|----------------|---------------|-----------------|
| BB1079 3535 | 3 1/2 (88.9) | 3 1/2 (88.9) | 1/2 (12.7) | 23/64 (9.1) | 1 25/64 (35.4) | — | 1 1/16 (17.5) | 23/64 (9.1) | 1/16 (1.6) | — |
| BB1079 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) | — |
| BB1079 454 JC-603QC | 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) | Ø 19/32 (15) |
| BB1079 4545 | 4 1/2 (114.3) | 4 1/2 (114.3) | 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) | — |
| BB1079 545 | 5 (127.0) | 4 1/2 (114.3) | 5/8 (15.9) | 1/2 (12.7) | 1 1/4 (31.8) | 1 31/64 (37.7) | 1 (25.4) | 3/8 (9.5) | 1/16 (1.8) | — |
| BB1079 55 | 5 (127) | 5 (127) | 5/8 (15.9) | 1/2 (12.7) | 1 1/4 (31.8) | 1 31/64 (37.7) | 1 (25.4) | 3/8 (9.5) | 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



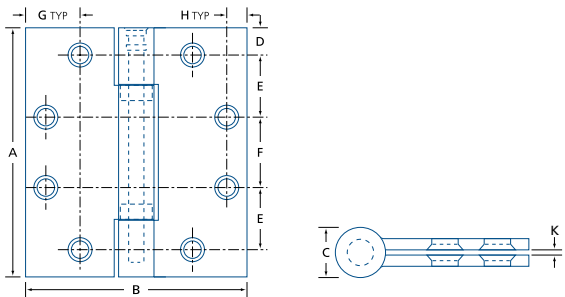
- Standard weight, full mortise
- 3 knuckles, concealed ball bearing
- Steel or stainless steel hinge and pin
- Conforms to ANSI/BHMA A156.1
- ANSI/BHMA A156.7 template hole pattern
- Non-handed
- Flush tips
- Wood and undercut machine screws included

| CB1079 | C26D | 454 | NRP |
|--------|--------|------|--------|
| MODEL | FINISH | SIZE | OPTION |

| SIZE | INCHES | MM | GAUGE | HOLES | SCREWS INCLUDED MACHINE | WOOD | QTY ¹ |
|------|---------|---------------|-------|-------|----------------------------|-----------|------------------|
| 454* | 4 ½ x 4 | 114.3 x 101.6 | 0.134 | 8 | #12-24 x ½ | #12 x 1 ¼ | 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 ½ (114.3) | 4 (101.6) | 1 15/32 (15.2) | ½ (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)

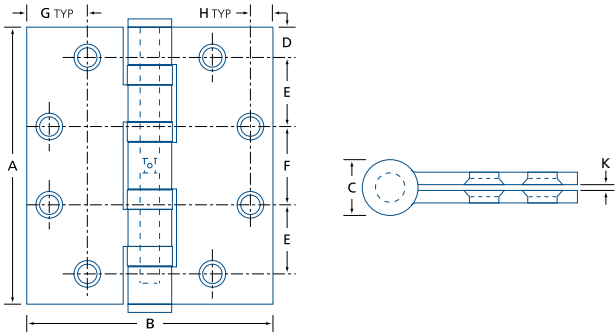
| 1168 | C32D | 454 | B |
|-------|--------|------|--------|
| MODEL | FINISH | SIZE | OPTION |

| SIZE | INCHES | MM | GAUGE | HOLES | SCREWS INCLUDED | | QTY ¹ |
|------|--------|---------------|--------|-------|-----------------|----------|------------------|
| | | | | | MACHINE | WOOD | |
| 454* | 4½ x 4 | 114.3 x 101.6 | 0.1875 | 8 | #12-24 x ½ | #12 x 1¼ | 3/60 |

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

| C15 | C32D |
|--------------|-----------------------|
| 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 | 4½ (114.3) | 4 (101.6) | $\frac{19}{32}$ (15.2) | ½ (12.7) | 1⅛ (28.6) | 1⅝ (31) | 1 (25.4) | ¾ (9.5) | ⅛ (1.6) |

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



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

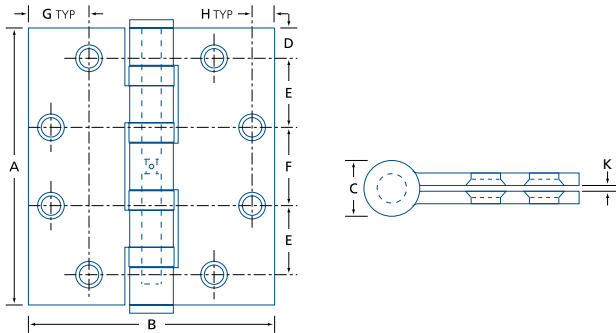
| 1198 | C26D | 454 |
|-------|--------|------|
| MODEL | FINISH | SIZE |

| SIZE | INCHES | MM | GAUGE | HOLES | SCREWS INCLUDED | | QTY ¹ |
|------|-----------|---------------|--------|-------|-----------------|-------------|------------------|
| | | | | | MACHINE | WOOD | |
| 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) | 19/32 (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)

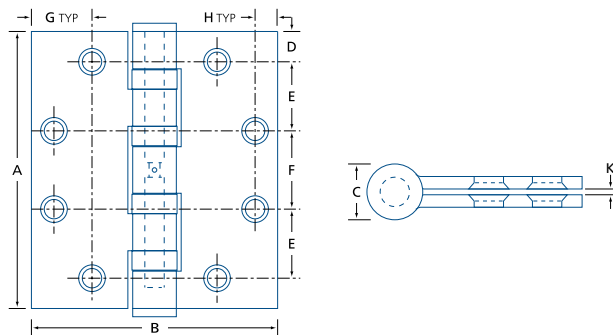
| MODEL | SIZE | FINISH | OPTION |
|--------|------|--------|--------|
| BB1068 | 4545 | 26D | NRP |

| 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.



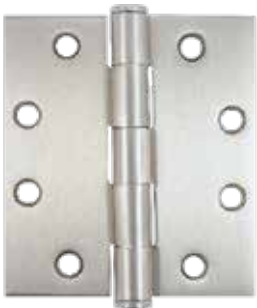
| MODEL | A | B | C | D | E | F | G | H | K |
|-------------|------------------|------------------|-------------|---------------|-----------------|-------------------|-------------|--------------|---------------|
| BB1068 4545 | 4 1/2 (114.3) | 4 1/2 (114.3) | 3/4 (19) | 1/2 (12.7) | 1 1/8 (28.6) | 1 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

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

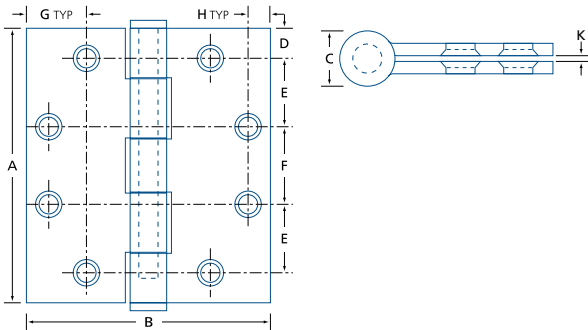
| 143 | C15 | 454 |
|-------|--------|------|
| MODEL | FINISH | SIZE |

| 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 | 3/60 |

(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) | 19/32 (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)

| | | | | | | |
|-------|---|------|---|--------|---|--------|
| 1079 | - | 44 | - | 26D | - | N |
| MODEL | | SIZE | | FINISH | | OPTION |

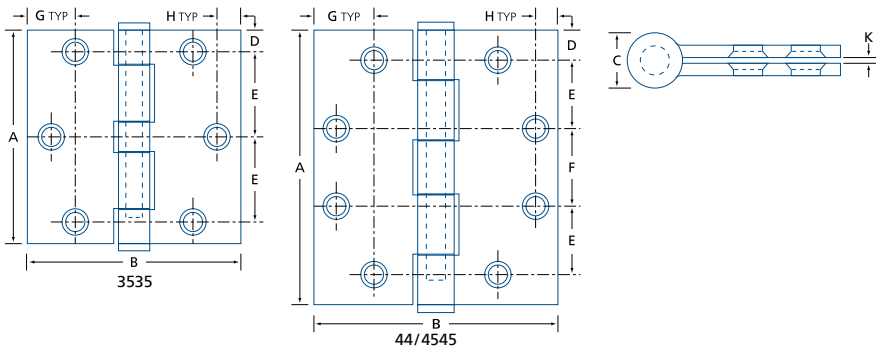
| SIZE | INCHES | MM | GAUGE | HOLES | SCREWS INCLUDED | | QTY ¹ |
|------|---------|---------------|-------|-------|-----------------|----------|------------------|
| | | | | | MACHINE | WOOD | |
| 3535 | 3½ x 3½ | 88.9 x 88.9 | 0.125 | 6 | #10-24 x ½ | #9 x 1 | 3/48 |
| 44 | 4 x 4 | 101.6 x 101.6 | 0.130 | 8 | #12-24 x ½ | #12 x 1¼ | 3/48 |
| 4545 | 4½ x 4½ | 114.3 x 114.3 | 0.134 | 8 | #12-24 x ½ | #12 x 1¼ | 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 | 3½ (88.9) | 3½ (88.9) | ½ (12.7) | 23/64 (9.1) | 125/64 (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) | ½ (12.7) | 1 (25.5) | 31/32 (24.6) | ¾ (19.1) | ¾ (9.5) | 1/16 (1.6) |
| 1079/1091 4545 | 4½ (114.3) | 4½ (114.3) | 19/32 (15.2) | ½ (12.7) | 1 1/8 (28.6) | 1 15/64 (31) | 1 (25.4) | ¾ (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 | | | | FINISH |
| L : LEFT HAND R : RIGHT HAND | | | | | | | |

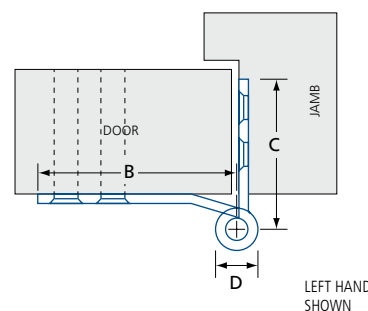
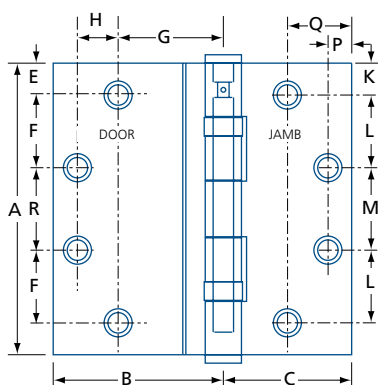
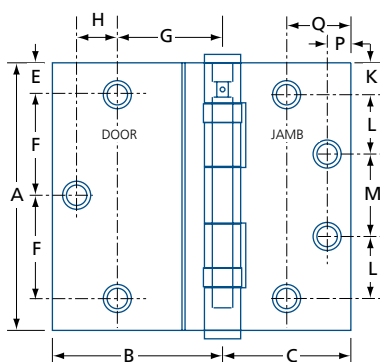
| SIZE | HINGE SIZE INCHES | MM | GAUGE | HOLES | BOLT / SCREWS INCLUDED BOLT | WOOD | QTY ¹ |
|------|----------------------|-------|-------|-------|--------------------------------|------------------|------------------|
| 45 | 4 1/2 | 114.3 | 0.134 | 7 | #1/4 x 20 (x3)* | #12 x 1 1/4 (x4) | 3 / 48 |
| 50 | 5 | 127 | 0.146 | 8 | #1/4 x 20 (x3)* | #12 x 1 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.



LEFT HAND
SHOWN

| 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) | 2 7/8 (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 (12.7) | 1 1/4 (31.8) | 1 31/64 (37.7) | 3/8 (9.5) | 1 (25.4) | 1 1/2 (38.1) |

IN(MM)

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)

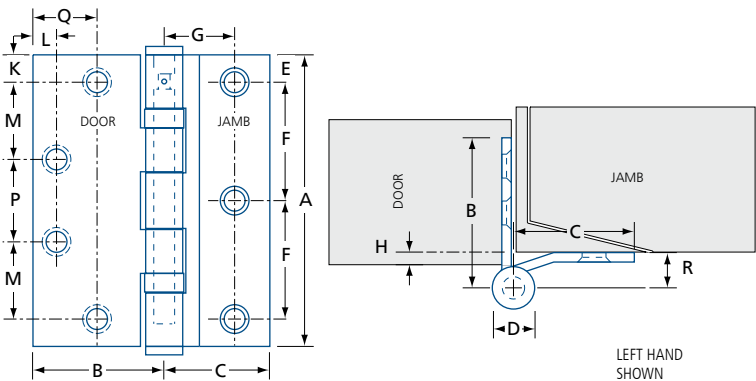
| BB1077 | L | - | 45 | - | P | - | N |
|------------------------------|------|---|------|---|--------|---|---|
| MODEL | HAND | | SIZE | | FINISH | | |
| L : LEFT HAND R : RIGHT HAND | | | | | | | |

| SIZE | HINGE SIZE INCHES | MM | GAUGE | HOLES | BOLT / SCREWS INCLUDED BOLT | WOOD | QTY ¹ |
|------|----------------------|-------|-------|-------|--------------------------------|------------------|------------------|
| 45 | 4 1/2 | 114.3 | 0.134 | 7 | #1/4x20 (x3)* | #12 x 1 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 |
|-----------|------------------|------------------|---------------|----------------|---------------|-----------------|-------------|---|---------------|--------------|-----------------|------------------|-------------|
| BB1077 45 | 4 1/2 (114.3) | 2 1/16 (52.4) | 1 1/2 (38) | 1 9/32 (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) | 1 7/32 (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

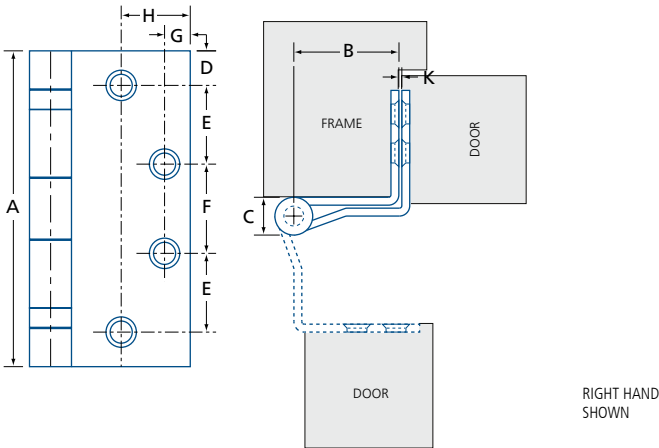
BB1048 L - 454 - 15

MODEL HAND SIZE FINISH

L: LEFT HAND R: RIGHT HAND

| SIZE | INCHES | MM | GAUGE | HOLES | SCREWS INCLUDED | | QTY ¹ |
|------|-----------|---------------|-------|-------|-----------------|-------------|------------------|
| | | | | | MACHINE | WOOD | |
| 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) | 19/32 (15.2) | 1/2 (12.9) | 1 1/8 (28.6) | 1 15/64 (31.3) | 3/8 (9.5) | 1 (25.4) | 1/16 (1.6) |

IN(MM)



COMMERCIAL HINGES

REINFORCEMENT HINGES & PLATES

DOREX PRO 1265 REINFORCEMENT HINGE



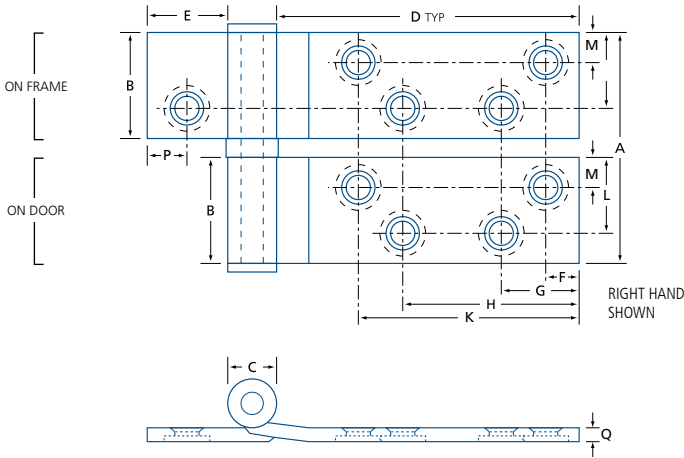
1265RH

- 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 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 | | FINISH | HOLES | SCREWS INCLUDED | | QTY ¹ |
|-------|---------------|--------------|-------------------|-------|-----------------|------------|------------------|
| | INCHES | MM | | | WOOD | MACHINE | |
| 1265 | 3 1/4 x 6 1/8 | 82.6 x 155.7 | Satin zinc plated | 9 | 1/4 x 1 1/2 | 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 1/4 (82.5) | 1 1/2 (38.1) | 1 1/16 (17.5) | 4 5/16 (109) | 1 5/32 (29.1) | 1/2 (12.7) | 1 1/8 (28.6) | 2 3/8 (60.30) | 3 (76.2) | 1/2 (12.7) | 5/8 (16) | 0.190 (4.8) |

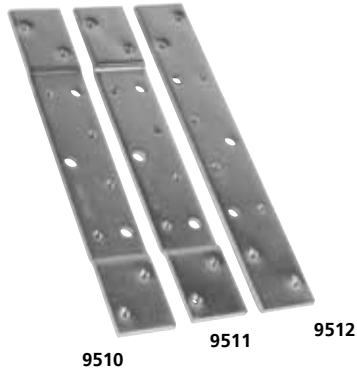
IN (MM)



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 $\frac{3}{16}$ " (201 x 30 mm) Template reinforcement plate for 4 $\frac{1}{2}$ " (114.3) hinge, with $\frac{3}{32}$ " (2.5) offset | 12/120 |
| 9511 | Zinc plated | 8 x 1 $\frac{3}{16}$ " (201 x 30 mm) Template reinforcement plate for 4 $\frac{1}{2}$ " (114.3 mm) hinge, with $\frac{1}{16}$ " (1.2 mm) offset | 12/120 |
| 9512 | Zinc plated | 8 x 1 $\frac{3}{16}$ " (201 x 30 mm) Template reinforcement plate for 4 $\frac{1}{2}$ " (114.3 mm) hinge, flat, no offset | 12/120 |

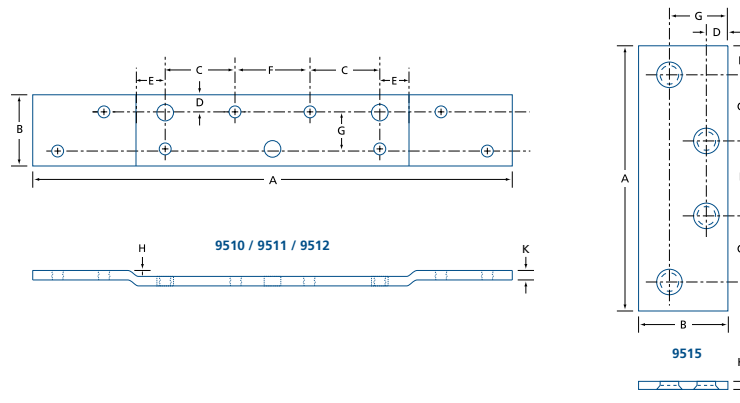
(1) 12/120 : QUANTITY PER BOX / QUANTITY PER CASE.



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

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

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



| MODEL | A | B | C | D | E | F | G | H | K |
|-------|----------------------------|---------------------------|---------------------------|---------------------------|----------------------------|---------------------------|-----------------------|-------------------------|-----------------------|
| 9510 | 7 $\frac{15}{16}$ (202) | 1 $\frac{3}{16}$ (30) | 1 $\frac{1}{8}$ (28.6) | 1 $\frac{7}{64}$ (6.7) | 1 $\frac{7}{32}$ (13.5) | 1 $\frac{15}{64}$ (31) | $\frac{5}{8}$ (15) | $\frac{3}{32}$ (2.5) | $\frac{5}{32}$ (4) |
| 9511 | 7 $\frac{15}{16}$ (202) | 1 $\frac{3}{16}$ (30) | 1 $\frac{1}{8}$ (28.6) | 1 $\frac{7}{64}$ (6.7) | 1 $\frac{7}{32}$ (13.5) | 1 $\frac{15}{64}$ (31) | $\frac{5}{8}$ (15) | $\frac{1}{16}$ (1.2) | $\frac{5}{32}$ (4) |
| 9512 | 7 $\frac{15}{16}$ (202) | 1 $\frac{3}{16}$ (30) | 1 $\frac{1}{8}$ (28.6) | 1 $\frac{7}{64}$ (6.7) | 1 $\frac{7}{32}$ (13.5) | 1 $\frac{15}{64}$ (31) | $\frac{5}{8}$ (15) | — | $\frac{5}{32}$ (4) |
| 9515 | 4 $\frac{1}{2}$ (114.3) | 1 $\frac{1}{2}$ (38.1) | 1 $\frac{1}{8}$ (28.6) | $\frac{3}{8}$ (9.5) | $\frac{33}{64}$ (13.1) | 1 $\frac{15}{64}$ (31) | 1 (25.4) | — | $\frac{5}{32}$ (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: 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 |

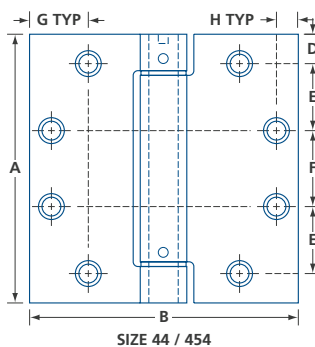
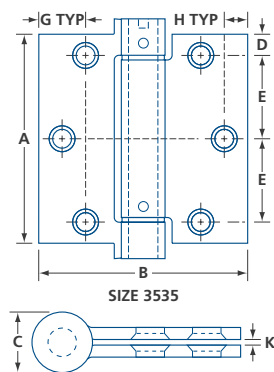
| SIZE | INCHES | MM | GAUGE | FIRE RATING* | HOLES | SCREWS INCLUDED MACHINE | WOOD | QTY ¹ |
|------|---------------|--------------------|-------|--------------|-------|-------------------------|-------------|------------------|
| 3535 | 3 1/2 x 3 1/2 | 88.9 x 88.9 | 0.125 | 90 min. | 6 | — | #9 x 3/4 | 2 / 40 |
| 44 | 4 x 4 | 101.6 x 101.6 | 0.125 | 90 min. | 8 | — | #9 x 3/4 | 2 / 40 |
| 44 | 4 x 4 (RC) | 101.6 x 101.6 (RC) | 0.125 | 90 min. | 8 | — | #10 x 3/4 | 2 / 40 |
| 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 / 40 |

(*) MAX. FIRE RATING BASED ON NFPA80 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 |
|------|-------------------------------|---------------|--------------------------|
| 3535 | 50 (22.7) | 1 | 2 |
| | 70 (31.8) | 2 | 1 |
| | 80 (36.3) | 3 | — |
| 44 | 60 (27.2) | 1 | 2 |
| | 85 (38.6) | 2 | 1 |
| | 100 (45.5) | 3 | — |
| 454 | 70 (31.8) | 1 | 2 |
| | 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 1/2 (88.9) | 3 1/2 (88.9) | 1 1/16 (17.5) | 2 3/64 (9.1) | 1 25/64 (35.4) | — | 1 1/16 (17.5) | 1/16 (1.6) |
| 3310/11 44 | 4 (101.6) | 4 (101.6) | 1 1/16 (17.5) | 1/2 (12.7) | 1 (25.5) | 3 1/32 (24.6) | 3/4 (19.1) | 1/16 (1.6) |
| 3310 454 | 4 1/2 (114.3) | 4 (101.6) | 2 5/32 (19.6) | 1/2 (12.7) | 1 1/8 (28.6) | 1 15/64 (31) | 1 (25.4) | 1/16 (1.6) |

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

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 |

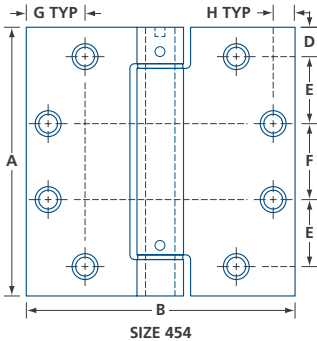
| SIZE | INCHES | MM | GAUGE | FIRE RATING* | HOLES | SCREWS INCLUDED MACHINE | WOOD | QTY ¹ |
|------|-----------|---------------|-------|--------------|-------|-------------------------|-------------|------------------|
| 454 | 4 1/2 x 4 | 114.3 x 101.6 | 0.134 | 180 min. | 8 | #12-24 x 1/2 | #12 x 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 NICKEL | MATTE BLACK | SATIN 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) | 19/32 (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

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 |

| 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.

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



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



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.

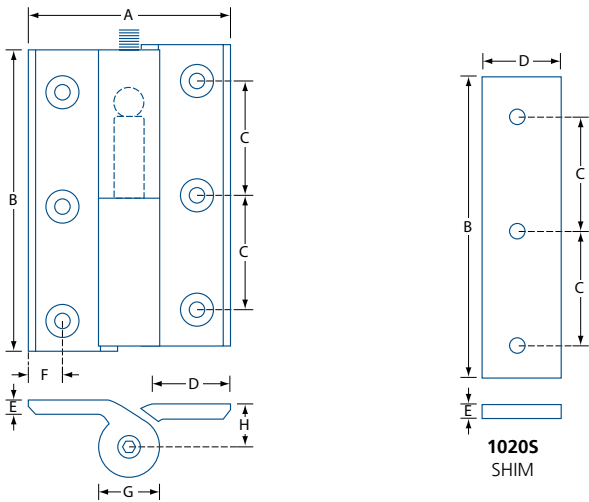
| | |
|-------|--------|
| 1020 | C28 |
| MODEL | FINISH |

| 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) | 9/16 (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)



ALL IMAGES, ILLUSTRATIONS AND DIMENSIONS, IN (MM), ARE FOR REFERENCE ONLY. PRODUCT DETAILS MAY CHANGE WITHOUT NOTICE.
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04.080

RESIDENTIAL HINGES

BALL BEARING HINGES

B848 SERIES BALL BEARING HINGES

B848



B848 C15 33
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 C15 3535
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

| B848 | C15 | 3535 | -A |
|-------|--------|------|--------|
| MODEL | FINISH | SIZE | OPTION |

| 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 |

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

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



BB2590
3 1/2 x 3 1/2"
1/4" (6.4 mm)
Radius Corners

| BB2589 | C15 | 33 | P |
|--------|--------|------|---|
| MODEL | FINISH | SIZE | |

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



2590
1/4" (6.4 mm)
Radius Corners



2591
3/8" (16 mm)
Radius Corners

- 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

| 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 3/4 | 100 |
| 3535 | 3 1/2 x 3 1/2 | 88.9 x 88.9 | C15, C2G | 6 | #9 x 3/4 | 100 |
| 44 | 4 x 4 | 101.6 x 101.6 | C2G | 6 | #9 x 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 3/4 | 100 |
| 3535 | 3 1/2 x 3 1/2 | 88.9 x 88.9 | C15, C26, C26D, C2G | 6 | #9 x 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 3/4 | 100 |
| 3535 | 3 1/2 x 3 1/2 | 88.9 x 88.9 | C15, C19, C26D, C2G | 6 | #9 x 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

| | | |
|-------|--------|------|
| 84 | C32D | 33 |
| MODEL | FINISH | SIZE |

| 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 ¾ | 2 / 100 |
| 3535 | 3 ½ x 3 ½ | 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.

RESIDENTIAL HINGES

ASSORTED HINGES

2600 SERIES DECORATIVE HINGES

2698



2698
 $\frac{3}{8}$ " (16 mm)
 Radius Corners
 Steeple Tip

- 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 $\frac{3}{4}$ | 2/100 |

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

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) | $2\frac{23}{32}$ (69.4) | SDB, SDN | $1\frac{1}{4}$ (31.8) | 2 |
| 4 | 4 (102) | $3\frac{25}{32}$ (95.8) | KJ, SDN | $1\frac{1}{4}$ (31.8) | 2 |
| 5 | 5 (127) | $4\frac{5}{8}$ (117.4) | KJ, SDB, SDN | $1\frac{1}{2}$ (38.1) | 2 |
| 6 | 6 (152) | $5\frac{9}{16}$ (141.4) | KJ, SDB, SDN | $1\frac{7}{8}$ (48.6) | 2 |

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



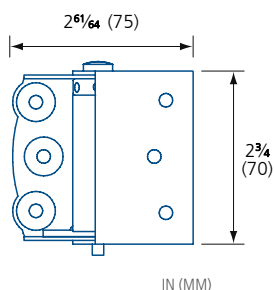
RESIDENTIAL HINGES

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

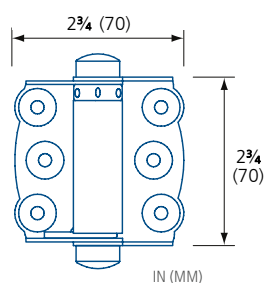
Available in a variety of architectural finishes and models – please contact to order or visit www.bommer.com for details

| | |
|-------|--------|
| 2930 | C2G |
| MODEL | FINISH |



FULL SURFACE SCREEN DOOR SPRING HINGE – ADJUSTABLE

2980



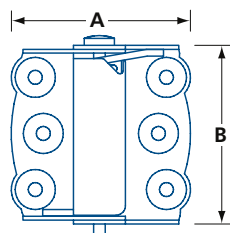
- Non-handed
- Steel hinge with button tip
- Full surface (half surface model available)
- Adjustable spring tension
- Mounting hardware included

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 ²³ / ₃₂ (69.4) | ZP | — | 200 |
| 2960 | 4 (102) | 3 ²⁵ / ₃₂ (95.8) | C2G | 2 | 40 |

IN (MM)



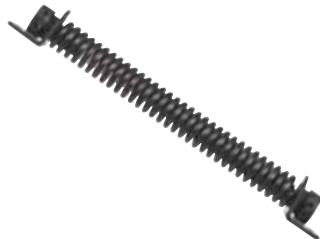
RESIDENTIAL HINGES

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: 50lbs (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 |

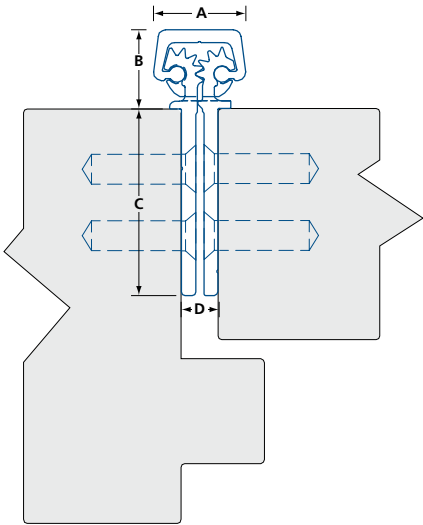


CONTINUOUS GEARED HINGES

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.abhmfg.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

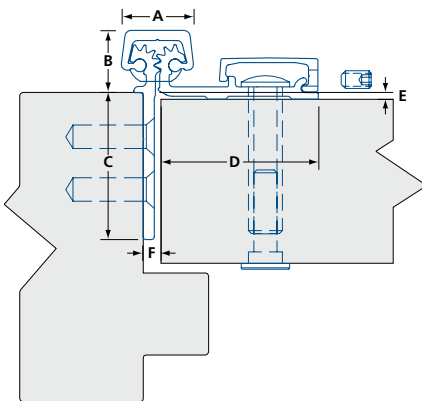
| ABH-A110 | HD | C | 095 | -PT |
|---|------|--------|--------|--------|
| MODEL | TYPE | FINISH | LENGTH | OPTION |
| HD: HEAVY DUTY LL: HIGH CAPACITY PT: POWER TRANSFER | | | | |

| MODEL | A | B | C | D | E | CAPACITY ¹ |
|------------|---------------------------|---------------------------|---------------------------|-------------------------|---|-----------------------|
| ABH-A110HD | $\frac{25}{32}$ (19.8) | $\frac{21}{32}$ (16.7) | $\frac{19}{16}$ (39.7) | $\frac{5}{16}$ (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
- $\frac{3}{32}$ " (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.abhmfg.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

| ABH-A530 | HD | C | 083 |
|----------|------|--------|--------|
| MODEL | TYPE | FINISH | LENGTH |

| MODEL | A | B | C | D | E ¹ | F | CAPACITY ² |
|------------|---------------------------|---------------------------|---------------------------|---------------------------|-------------------------|--------------------------|-----------------------|
| ABH-A530HD | $\frac{25}{32}$ (19.8) | $\frac{11}{16}$ (17.5) | $\frac{19}{16}$ (39.7) | $\frac{11}{16}$ (42.9) | $\frac{3}{32}$ (2.4) | $\frac{13}{64}$ (5.1) | 450 (204) |

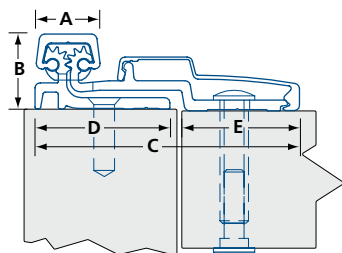
IN(MM) (1) DOOR INSET (2) LBS (KG)

CONTINUOUS GEARED HINGES

FULL SURFACE

ABH[®] FULL SURFACE ALUMINUM GEARED HINGES (SWING CLEAR)

ABH-A210HD



- 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" (1219mm) door width maximum
- 450 lbs (204kg) 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.abhmfg.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

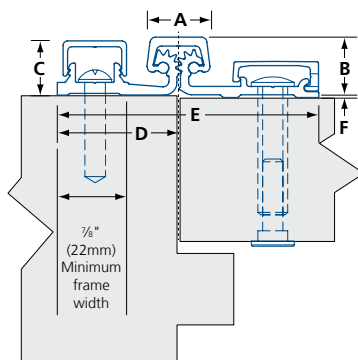
| ABH-A210 | HD | C | 083 |
|----------|------|--------|--------|
| MODEL | TYPE | FINISH | LENGTH |

| MODEL | A | B | C | D | E | CAPACITY ¹ |
|------------|---------------------------|-------------------------|----------------------------|---------------------------|-----------------------------|-----------------------|
| ABH-A210HD | $\frac{25}{32}$ (19.8) | $\frac{29}{32}$ (23) | $3 \frac{5}{32}$ (80.6) | $1 \frac{5}{8}$ (41.3) | $1 \frac{35}{64}$ (39.3) | 450 (204) |

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

ABH[®] FULL SURFACE ALUMINUM GEARED HINGES - CENTER PIVOT

ABH-A570HD



- Certified ANSI/BHMA A156.26, Grade 1
- cULus fire rated, 90/60 min.*
- Full surface, heavy duty
- For narrow-faced frames, $\frac{7}{8}$ " (22mm) minimum frame width
- $\frac{1}{16}$ " (1.6mm) door inset
- 48" (1219mm) door width maximum
- 450 lbs (204kg) 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.abhmfg.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

| ABH-A570 | HD | C | 083 |
|----------|------|--------|--------|
| MODEL | TYPE | FINISH | LENGTH |

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

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



CONTINUOUS GEARED HINGES

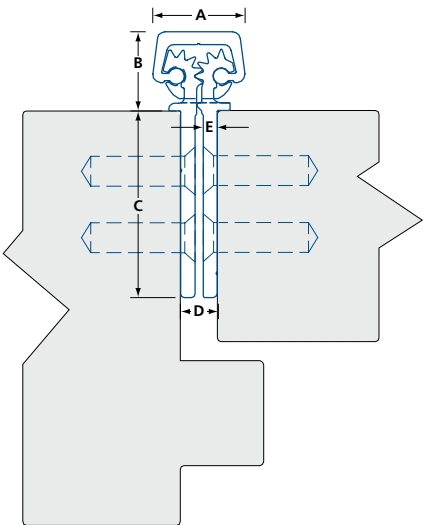
FULL CONCEALED

DOREX® FULL CONCEALED ALUMINUM GEARED HINGE

CGHFM HD

G1

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 3/4 – 2 1/4" (44.5 – 57 mm) thick, up to 48" (1219 mm) wide
- 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)

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 |
|----------|---------------|-------------|----------------|-------------|------------|--------------|
| CGHFM HD | 25/32 (20) | 3/4 (19) | 1 9/16 (40) | 5/16 (8) | 1/8 (3) | 400 (182) |

IN(MM) LBS (KG)

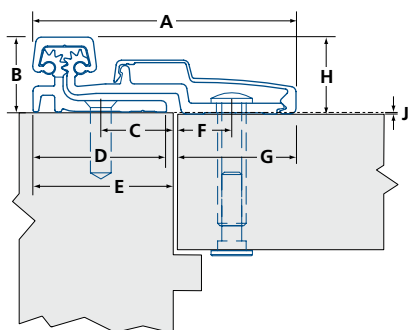


CONTINUOUS GEARED HINGES

FULL SURFACE

DOREX® FULL SURFACE ALUMINUM GEARED HINGE (SWING CLEAR)

CGHFSSC HD



- 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
- $\frac{1}{32}$ " (0.8 mm) door inset
- For doors $1\frac{3}{4}$ " – $2\frac{1}{4}$ " (44.5 – 57 mm) thick, up to 48" (1219 mm) wide
- For door frames at least $1\frac{3}{4}$ " (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 $\frac{5}{8}$ " (16 mm) self-drilling/tapping TEK screws (undercut)
 - » $\frac{1}{4}$ -20 Sex bolt and machine screws for doors up to $2\frac{1}{4}$ " (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 |

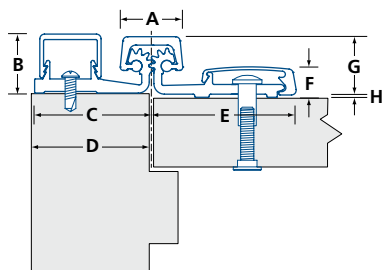
HD: HEAVY DUTY

| MODEL | A | B | C | D | E | F | G | H | J¹ | CAPACITY² |
|------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|---------------|--------------|
| CGHFSSC HD | 3.18 (81) | 0.91 (23) | 0.72 (18) | 1.37 (35) | 1.73 (44) | 0.67 (17) | 1.27 (32) | 0.94 (24) | 0.03 (0.8) | 400 (182) |

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

DOREX® FULL SURFACE ALUMINUM GEARED HINGE (CENTER PIVOT)

CGHFS HD



- 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
- $\frac{1}{16}$ " (1.6 mm) door inset
- For doors $1\frac{3}{4}$ " – $2\frac{1}{4}$ " (44.5 – 57 mm) thick, up to 48" (1219 mm) wide
- For narrow-faced door frames at least $1\frac{1}{2}$ " (38 mm) when aligned with door gap; $\frac{7}{8}$ " (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 $\frac{5}{8}$ " self-drilling/tapping TEK screws (undercut)
 - » $\frac{1}{4}$ -20 Sex bolt and machine screws for doors up to $2\frac{1}{4}$ " (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 | F | G | H¹ | CAPACITY² |
|----------|-------------------------|-----------------------|--------------------------|------------------------|------------------------|------------------------|-----------------------|-------------------------|--------------|
| CGHFS HD | $2\frac{5}{32}$ (20) | $\frac{3}{4}$ (19) | $1\frac{15}{32}$ (37) | $1\frac{1}{2}$ (38) | $1\frac{7}{8}$ (48) | $\frac{3}{8}$ (9.5) | $\frac{3}{4}$ (19) | $\frac{1}{16}$ (1.6) | 400 (182) |

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

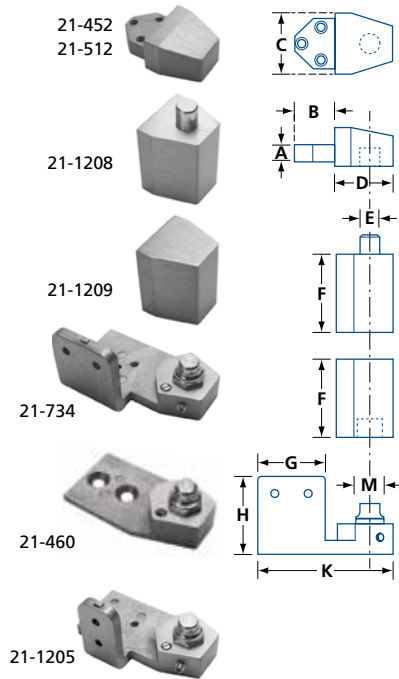


PIVOTS

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 9/32 (32.4) | 7/16 (11) | 1 3/4 (44.4) | 1 1/2 (38.1) | 1 3/4 (44.3) | 3 1/32 (77) | 1 1/16 (17.2) |
| J26 | 13/32 (10) | 29/32 (23) | 1 3/8 (34.8) | 1 9/32 (32.4) | 7/16 (11) | 1 3/4 (44.4) | 1 1/2 (38.1) | 1 3/4 (44.3) | 3 1/32 (77) | 1 1/16 (17.2) |
| J28 | 13/32 (10) | 29/32 (23) | 1 3/8 (34.8) | 1 9/32 (32.4) | 7/16 (11) | 1 3/4 (44.4) | — | — | 3 1/32 (77) | 1 1/16 (17.2) |
| J31/32 | 13/32 (10) | 29/32 (23) | 1 3/8 (34.8) | 1 9/32 (32.4) | 7/16 (11) | 1 3/4 (44.4) | 7/8 (22.2) | 1 3/4 (44.3) | 3 1/32 (77) | 1 1/16 (17.2) |

IN(MM)

PIVOTS

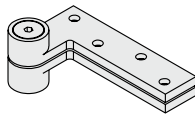
OFFSET

ABH 3/4" OFFSET PIVOT SET – JAMB MOUNT

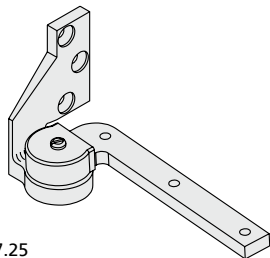
ABH-0117.25



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.abhmfg.com for product or warranty details (coverage may vary by country).

| ABH-0117.25 | - 32D | - RH |
|-------------|--------|------|
| MODEL | FINISH | HAND |

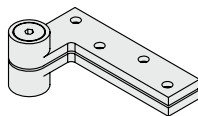
LH : LEFT HAND RH : RIGHT HAND

ABH 3/4" OFFSET PIVOT SET

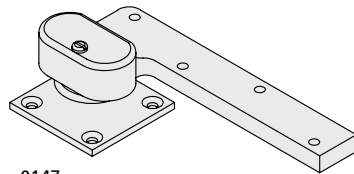
ABH-0147



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.abhmfg.com for product or warranty details (coverage may vary by country).

| ABH-0147 | - 32D | - RH |
|----------|--------|------|
| MODEL | FINISH | HAND |

LH : LEFT HAND RH : RIGHT HAND

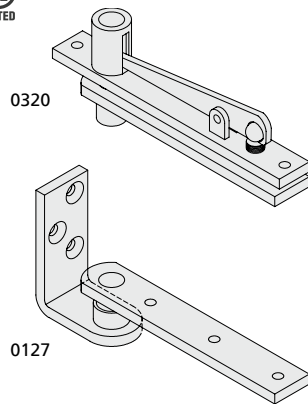


PIVOTS

CENTER HUNG

ABH CENTER HUNG PIVOT SET – JAMB MOUNT

ABH-0127



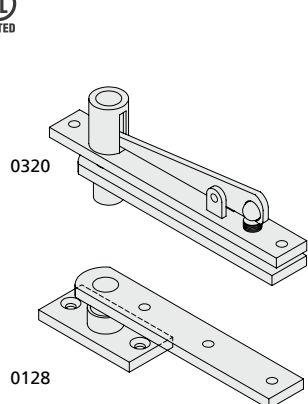
- Non handed
- Maximum door load 200 lbs (91 kg)
- Maximum door size 42 x 102" (1066 x 2591 mm) – interior doors only
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C071042
- Heavy duty bearings
- Stainless steel base material
- Light duty top pivot (#0320), header mount
- Bottom pivot (#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.abhmfg.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" (1066 x 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.abhmfg.com for product or warranty details (coverage may vary by country).

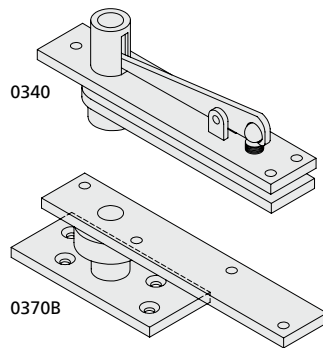
| | |
|----------|--------|
| ABH-0128 | - 32D |
| MODEL | FINISH |

PIVOTS

CENTER HUNG

ABH CENTER HUNG PIVOT SET – HEAVY DUTY

ABH-0370



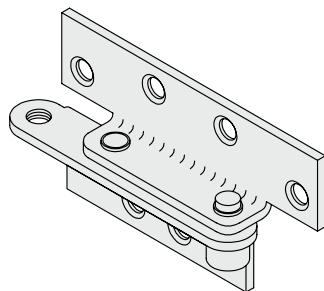
- Non-handed
- Maximum door load 500lbs (227 kg)
- Maximum door size 44 x 102" (1118 x 2591 mm) – interior doors only
- UL listed for use on 3-hour fire rated doors
- Conforms to ANSI C07032
- Heavy duty bearings
- Stainless steel base material
- Heavy duty top pivot (#0340), header mount
- Bottom pivot (#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.abhmfg.com for product or warranty details (coverage may vary by country).

| | |
|----------|--------|
| ABH-0370 | -32D |
| MODEL | FINISH |

ABH REINFORCEMENT PIVOT – 3/4" OFFSET

ABH-0923



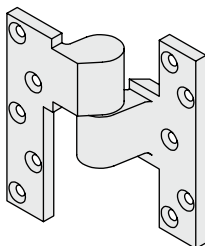
- Helps take load off failing top hinge and eliminate door sagging
- Surface mounts to the frame header and door face
- For 1/8" (3 mm) inset door with 3/4" (19 mm) offset
- Non-handed
- Maximum door load 300lbs (137 kg)
- Steel base material

Available in a variety of finishes, models, and options. Please contact us to order.
Visit www.abhmfg.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 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.abhmfg.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 $\frac{5}{8}$ " (16mm) door vertical rise
- Door thickness $\frac{7}{8}$ " to $1\frac{3}{4}$ " (22mm to 44mm)
- Maximum door width: 30" (762mm)
- 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" (812mm) wide, $2\frac{1}{2}$ " (64mm) 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" (25.4mm) thick
- Flat jamb bracket: $1\frac{1}{4}$ " (31.8mm) wide

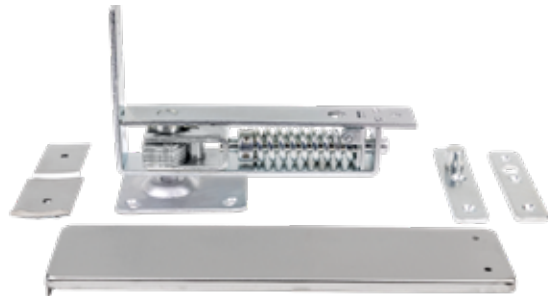
| | |
|-------|--------|
| 7112 | C2G |
| MODEL | FINISH |

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



- 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

7801-C26D
SATIN CHROME

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

7811P-H-19
MATTE BLACK

7811P-H-32D
SATIN STAINLESS STEEL

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

7813HD-C2G
ZINC PLATED

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

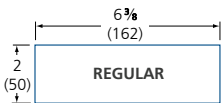
| 7811P-H - 32D | |
|---------------|--------|
| MODEL | FINISH |



PATCH FITTINGS

GLASS DOOR & PANELS

PF120 TOP DOOR PATCH FITTING



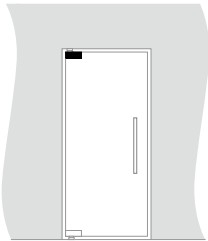
PF120TP1
Top Pivot



PF120TP2
Walking Pivot

- 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)

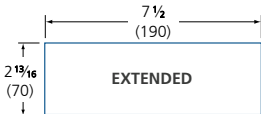
| PF120 | – | 630 |
|-------|---|--------|
| MODEL | | FINISH |



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

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

PF121 TOP DOOR PATCH FITTING – EXTENDED COVER



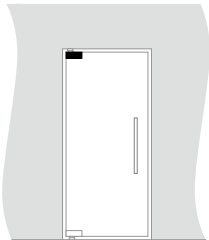
PF120TP1
Top Pivot



PF120TP2
Walking Pivot

- 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)

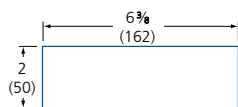
| 628 | 629 | 630 | 19 |
|----------|--------------------------|-----------------------|-------------|
| ALUMINUM | POLISHED STAINLESS STEEL | SATIN STAINLESS STEEL | MATTE BLACK |



PATCH FITTINGS

GLASS DOOR & PANELS

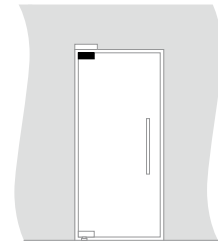
PF150 TOP DOOR PATCH FITTING



DOREX 30 Series
Door Closer

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

| PF150 | – | 630 |
|-------|---|--------|
| MODEL | | FINISH |

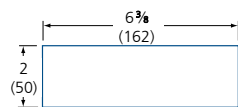


Maximum Door Size:
39 x 108 in (100 x 274 cm)

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

(*) SPECIAL ORDER

PF110 BOTTOM DOOR PATCH FITTING



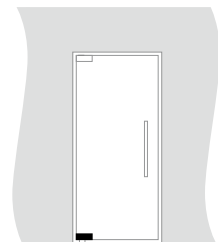
DOREX 40 Series
Door Closer



PF110BP1
Bottom Door Pivot

- 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 |



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

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

(*) SPECIAL ORDER



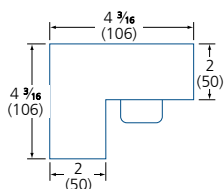
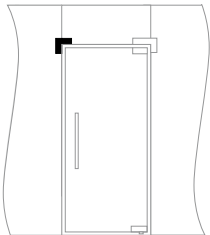
PATCH FITTINGS

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 |

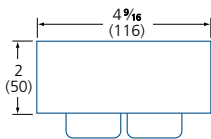
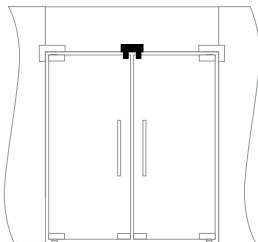
| 628 | 629 | 630 | 19* |
|----------|--------------------------|-----------------------|-------------|
| ALUMINUM | POLISHED STAINLESS STEEL | SATIN STAINLESS STEEL | MATTE BLACK |

(*) 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 |

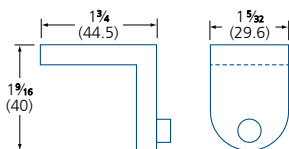
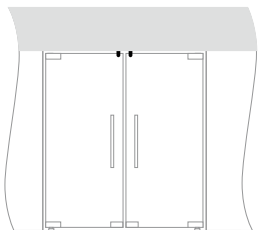
| 628 | 629 | 630 | 19* |
|----------|--------------------------|-----------------------|-------------|
| ALUMINUM | POLISHED STAINLESS STEEL | SATIN STAINLESS STEEL | MATTE BLACK |

(*) 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

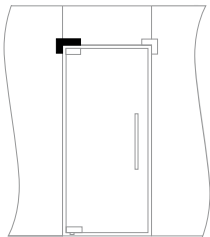
GLASS DOOR & PANELS

PF140 TRANSOM CORNER PATCH FITTING WITH PIVOT

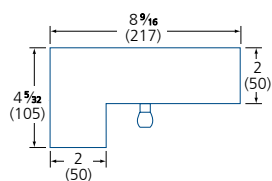


- For use with glass transom and sidelight
- Recommended for use with top door patch fitting #PF120
- Capacity: 220 lbs (100 kg)

| | | |
|-------|---|--------|
| 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 |



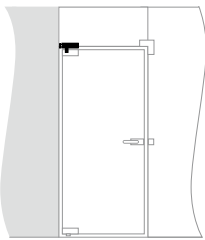
PATCH FITTINGS

GLASS DOORS AND PANELS

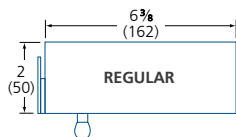
PF130 WALL MOUNT TRANSOM PATCH FITTING WITH PIVOT



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



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



PF120
Top Door Patch Fitting

| | | |
|-------|---|--------|
| PF130 | – | 630 |
| MODEL | | FINISH |

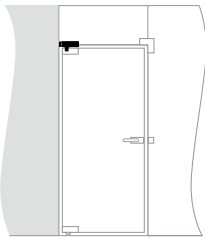
| | | | |
|----------|--------------------------|-----------------------|-------------|
| 628 | 629 | 630 | 19* |
| ALUMINUM | POLISHED STAINLESS STEEL | SATIN STAINLESS STEEL | MATTE BLACK |

(*) SPECIAL ORDER

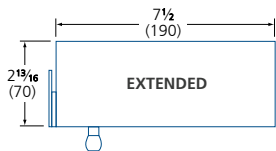
PF131 WALL MOUNT TRANSOM PATCH FITTING WITH PIVOT - EXTENDED COVER



- 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 (100 kg)



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



PF100DC / PF102DC
Door Closer



PF121
Top Door Patch Fitting

| | | |
|-------|---|--------|
| PF131 | – | 630 |
| MODEL | | FINISH |

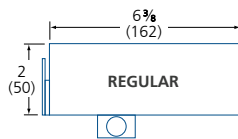
| | | | |
|----------|--------------------------|-----------------------|-------------|
| 628 | 629 | 630 | 19* |
| ALUMINUM | POLISHED STAINLESS STEEL | SATIN STAINLESS STEEL | MATTE BLACK |

(*) SPECIAL ORDER

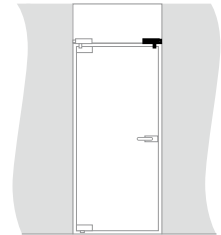
PATCH FITTINGS

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)

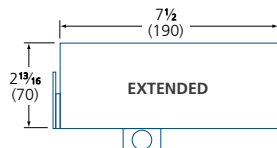


| | | |
|-------|---|--------|
| PF163 | – | 630 |
| MODEL | | FINISH |

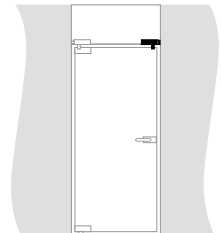
| 628 | 629 | 630 | 19* |
|----------|--------------------------|-----------------------|-------------|
| ALUMINUM | POLISHED STAINLESS STEEL | SATIN STAINLESS STEEL | MATTE BLACK |

(*) 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

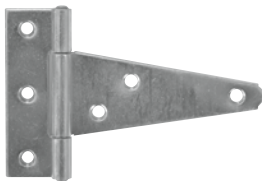
| | | |
|-------|--------|------|
| 1209 | ZP | 4 |
| MODEL | FINISH | SIZE |

| MODEL | HINGE SIZE (LxW) INCHES | 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

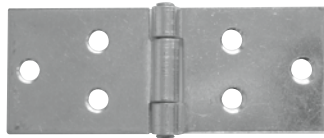
| | | |
|-------|--------|------|
| 1609 | ZP | 4 |
| MODEL | FINISH | SIZE |

| MODEL | HINGE SIZE (LxW) INCHES | 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 |

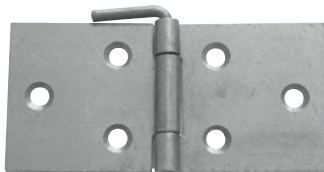
(1) 2/10 : QUANTITY PER BOX / PAIRS PER CASE. HINGES NOT SOLD INDIVIDUALLY.
ZP-ZINC PLATED

BACK FLAP HINGE

1002, 4002, 4012



1002-114
Fixed pin



4012
Bent loose pin

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

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

| MODEL | HINGE SIZE (LxW) INCHES | 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

ASSORTED HINGES

MISCELLANEOUS HINGES

3-LEAF PANEL HINGES

130



130, 130A,
130ST



130L

- For light weight panels
- 3½x2¼" (89x57 mm) steel hinge
- Fixed or loose pin
- Nylon bearings
- Screws NOT included

| 130 | ST | C4 |
|-------|--------|--------|
| MODEL | OPTION | FINISH |

AVAILABLE 50 PAIRS / BOX

OPTIONS

- A: Lose pin, assembled
- L: Extended 2½" (64 mm) center leaf
- ST: Steeple tip

FINISH

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

GRAVITY PIVOT HINGE – LIGHT DUTY

3000



- For ¾" (19 mm) or thicker light weight panels
- Steel with nylon bearings
- Adjustable panel plum
- Hold open at 110°
- Brass plated

| 3000 |
|-------|
| MODEL |

AVAILABLE 10 PAIRS / BOX

LIFT-HINGE

4570



- Light duty
- 3x2¼" (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 | NUCKLE WIDTH | SCREWS NOT INCLUDED | QTY ¹ |
|--------|-----------------|--------------------|-----------------|-----------------|------------------------|------------------|
| 3PS | Steel | 3 (76) | 2 (50.8) | ½ (12.7) | N/A* | 100 |
| 1116ST | Stainless steel | 1½ (38) | 2 (50.8) | ½ (12.7) | #5 | 100 |
| 114ST | | 1¼ (32) | | | #5 | 100 |
| 112ST | | 1½ (38) | | | #6 | 50 |
| 2ST | | 2 (51) | | | #6 | 50 |
| 3ST | | 3 (76) | | | N/A* | 50 |
| 112AL | Aluminum | 1½ (38) | 2 | ½ | #6 | 100 |
| 2AL | | 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

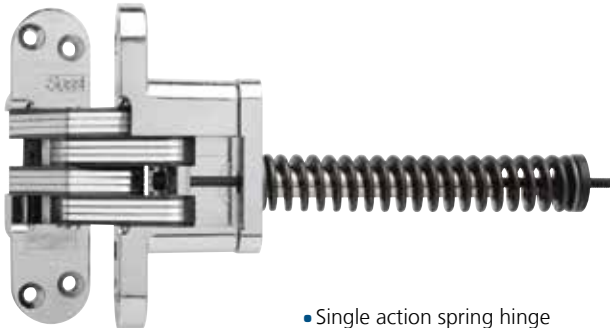
Available in a wide variety of finishes, models, sizes, and options. Please contact us to order. Visit www.soss.com for product or warranty details.

| 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

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 add 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 $\frac{3}{4}$ " (45mm) 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.abhmfg.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.abhmfg.com for details

| | | |
|-----------|---|-----|
| ABH-PT105 | – | 32D |
|-----------|---|-----|

| | |
|-------|--------|
| MODEL | FINISH |
|-------|--------|

PLEASE CONTACT TO ORDER

SPECIALTY HINGES

POWER TRANSFER

DOOR LOOP

SDL-20



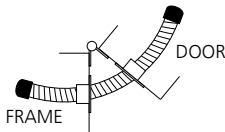
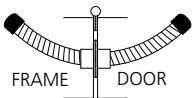
- A door loop is a simple method of transferring low voltage power from the door frame to the locking device
- Commonly used with electric mortise and cylindrical locks, electric exit trims and latch pullback devices.
- Surface mounted
- Non-wired
- Field sizeable flexible armoured conduit
- Minimum conduit length included: 20" (508mm)
- 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" (152.4mm) armoured conduit, 1/4" (6.4mm) diameter
- Aluminum end-caps

| CDL | - | AL |
|-------|---|--------|
| MODEL | | FINISH |

AL: ALUMINUM

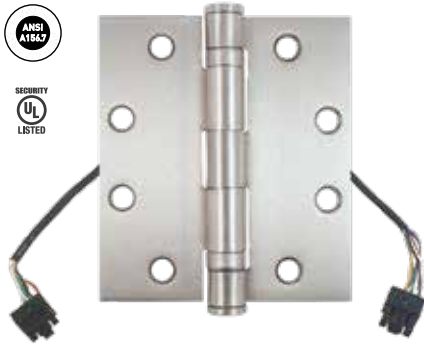


SPECIALTY HINGES

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

OPTIONS

- ETW04: 4 Wires
- ETW08: 8 Wires

- 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

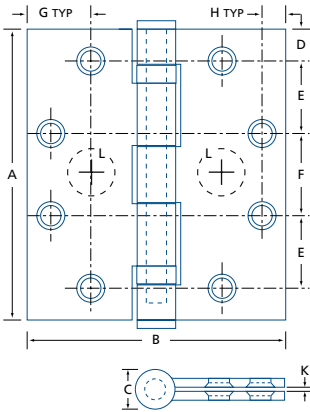
| | | | |
|------------------|---------|--------|---------|
| JC-603QC0-BB1079 | - 454 - | 26D | - ETW08 |
| MODEL | SIZE | FINISH | OPTION |

| SIZE | INCHES | MM | LEAF GAUGE | HOLES | SCREWS INCLUDED | | QTY ¹ |
|------|-----------|---------------|------------|-------|-----------------|-------------|------------------|
| | | | | | MACHINE | WOOD | |
| 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 | ø 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 (ø15) |

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

*DIMENSION OF THE NODE, NOT FRAME PREPARATION.

