

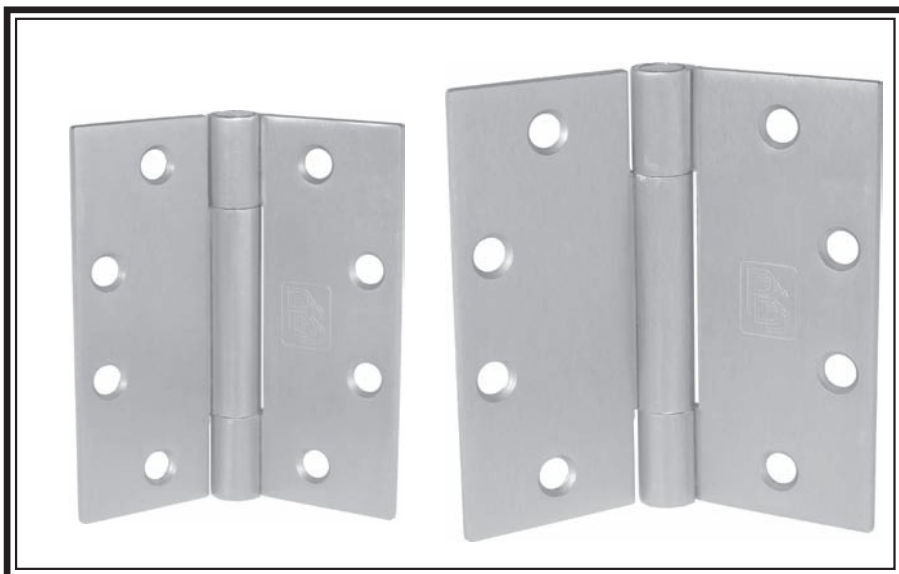


**3-KNUCKLE FULL MORTISE CONCEALED BEARING**

**STANDARD WEIGHT**

**3 1/2" x 3 1/2" 4" x 4"**

**B16**



**CB81 (ANSI A8112)**

**Steel**-Polished and Plated or Bonderized and Prime Coated for Painting.

**CB21 (ANSI A2112)**

**Brass**-Polished and Plated

**CB51 (ANSI A5112)**

**Stainless Steel**-Polished and Satin Finish

- For medium weight doors receiving medium frequency service.

- Concealed bearing for trouble free long life application.

- Non-rising removable pin.

- Hole in bottom tip for easy pin removal.

- Attractive slim barrel with flush pins and plugs.

- May be used on fire rated openings.

- For hospital type, add HT to suffix of part number

- 3-1/2", 4" available in square, 5/8" and 1/4" Radius Round Corners.

- All hinges are ANSI template.

**GENERAL PRODUCT INFORMATION:** PBB, Inc. template hinges are manufactured to close tolerances and meet all specifications and requirements set by the American National Standards Institute (ANSI).

**HINGE SWAGING:** A standard swaging of our standard weight full mortise hinge when closed to parallel position provides a 1/16" clearance between leaves.

**MATERIAL GAUGE:**

.123 ± .005 for 3-1/2" x 3-1/2"

.130 ± .005 for 4" x 4"

<b>3-1/2" STANDARD SCREW SIZE</b>
FHMS - 10-24 x 1/2"
FHWS - 10 x 1"

<b>4" STANDARD SCREW SIZE</b>
FHMS - 12-24 x 1/2"
FHWS - 12 x 1-1/4"

**OTHER SPECIFICATIONS:**

Height of hinge:  
 3.50 + .000  
 - .015 for 3-1/2"

Width:  
 4.00 + .000  
 - .015 for 4"

3.50 ± .015 for 3-1/2"  
 4.00 ± .015 for 4"

Template screw hole locations for all 3-1/2" x 3-1/2" full mortise template butts are punched to commercial standard CS9-65.

**PACKAGING INFORMATION:**

One hinge per plastic bag, 3 hinges and 1 screw pack per unit carton.

16 unit carton or 48 hinges per master shipping carton.

1 screw pack includes all machine screws (24), and 1/2 wood screws (12). ATMS & AWS also available.

For 3-1/2" x 3-1/2", 1 screw pack includes (18) machine screws and (18) wood screws.