



## FULL MORTISE TEMPLATE BALL BEARING

**HEAVY WEIGHT**

**6" x 4 1/2" 6" x 5" 6" x 6"**

**B21**



**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:

.200 ± .005 for 6" x 4-1/2"  
.200 ± .005 for 6" x 5"  
.200 ± .005 for 6" x 6"

**4B81** **(ANSI A8111)**

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

**4B21** **(ANSI A2111)**

Brass-Polished and Plated

**4B51** **(ANSI A5111)**

Stainless Steel-Polished and Satin Finish

- Recommended for over 3'4" width doors and having a thickness of 2" or more.
- For heavy weight doors receiving high frequency service.
- Ball bearing hinges must be used on doors in conjunction with door closers and on all fire rated openings.
- For hospital type, add HT to suffix of part number.
- All hinges are ANSI template.

### OTHER SPECIFICATIONS:

Height of hinge:

6.00 + .000  
- .015 for 6" x 4-1/2"

6.00 + .000  
- .015 for 6" x 5"

6.00 + .000  
- .015 for 6" x 6"

Width:

4.50 ± .015 for 6" x 4-1/2"

5.00 ± .015 for 6" x 5"

6.00 ± .015 for 6" x 6"

6" STANDARD SCREW SIZE
FHMS - 1/4-20 x 1/2"
FHWS - 14 x 1-1/2"

### PACKAGING INFORMATION:

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

4 unit carton or 12 hinges per master shipping carton.

1 screw pack includes all machine screws (30), and 1/2 wood screws (15). ATMS & AWS also available.