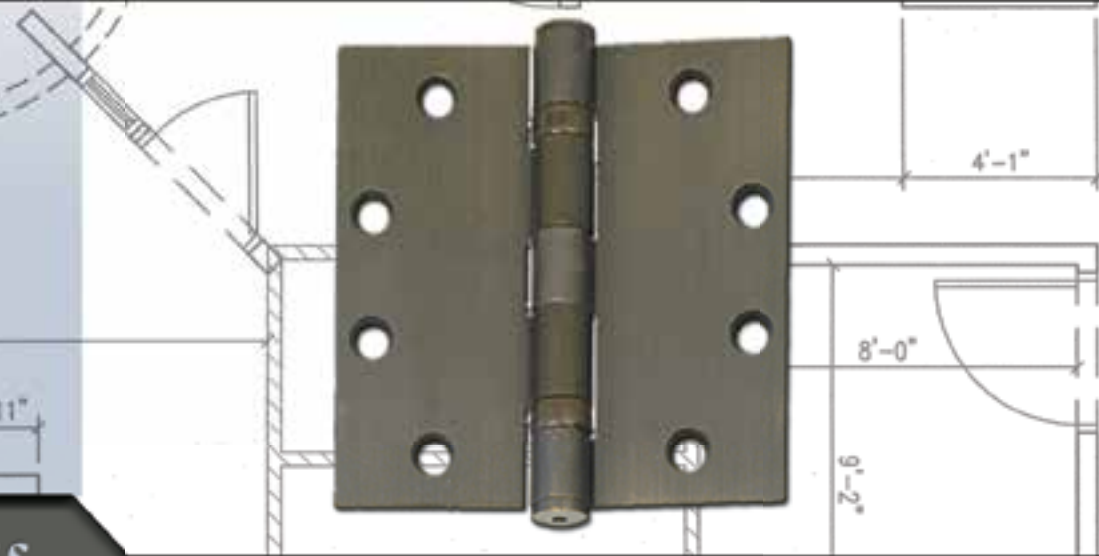


# BB5

## Standard Weight Ball Bearing Hinges



**BB5-NRP**  
Non Removable Pin

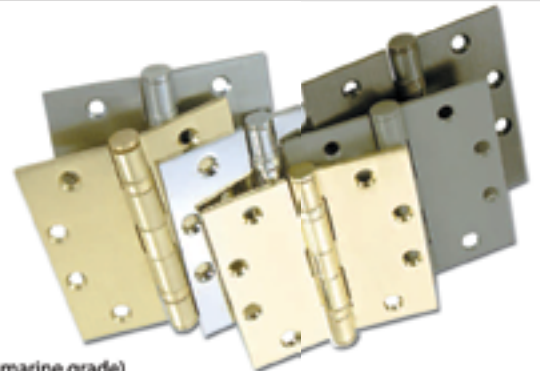


### Specifications

- ANSI :** Meets ANSI A156.1 - Dimensions and tolerances conform to ANSI - A156.7
- Gauge of metal :** .134" +/- .005" on 4.5" x 4.5" size & .145" +/- .005" on 5" x 4 1/2" size
- Base Material :** Steel (ANSI A8112) or Stainless Steel (Grade 304 standard)(ANSI A5111)  
**Marine Grade 316 US32D Stainless Steel also available**
- Design & Templating :** 5 Knuckle Design & Templated hole locations for wood or metal doors & frames
- Fire Door Use :** Approved for most types of fire doors up to 4' x 10', 8' x 10' pairs - Refer to NFPA80
- Swaging :** 1/16" Swage standard which provides 1/16" of clearance between leaves
- Security NRP :** NRP - Non removable pin available upon request
- Pin :** Equipped with easily seated non-rising pin with button head
- Pin Removal :** Hole in bottom knuckle tip enables quick pin removal for ease of installation
- Bearings :** Each hinge has 2 sets of maintenance free non detachable ball bearings
- Electrification :** Concealed thru wire and monitoring options available, See electrified section
- Fasteners :** Each box of 3 hinges contains full set of machine and wood screws
- Warranty :** Limited Lifetime Warranty

### Available Finishes

US #	BHMA #	Finish Description
US3	632	Bright/Polished Brass
US4	633	Brushed/Satin Brass
US10	639	Brushed/Satin Bronze
US10B	640	Oil Rubbed Bronze
US15	646	Brushed/Satin Nickel
US26	651	Bright/Polished Chrome
US26D	652	Brushed/Satin Chrome
US32D	630	Brushed/Satin Stainless Steel (type 304 or 316 marine grade)
USP	600	Prime Painted



**\*\*Other Finishes Available upon request**



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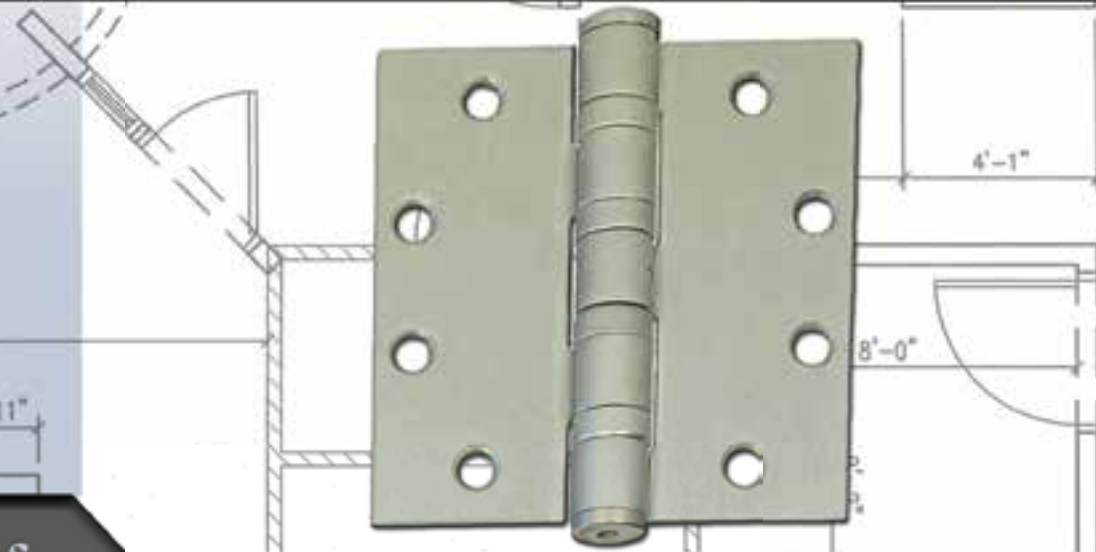
# BB5-HW

## Heavy Weight Ball Bearing Hinges



BB5-HW NRP  
Non Removable Pin

1'-11"



### Specifications

- ANSI :** Meets ANSI A156.1 - Dimensions and tolerances conform to ANSI - A156.7
- Gauge of metal :** .180" +/- .005" on 4.5" x 4.5" size & .190 +/- .005" on 5" x 4.5" size
- Base Material :** Steel (ANSI A8112) or Stainless Steel (Grade 304 standard)(ANSI A5112)  
**Marine Grade 316 US32D Stainless Steel also available**
- Design & Templating :** 5 Knuckle Design & Templated hole locations for wood or metal doors & frames
- Fire Door Use :** Approved for most types of fire doors up to 4' x 10', 8' x 10' pairs - Refer to NFPA80
- Swaging :** 1/16" Swage standard which provides 1/16" of clearance between leaves
- Security NRP :** NRP - Non removable pin standard on all BB5-HW hinges
- Pin :** Equipped with easily seated non-rising pin with button head
- Pin Removal :** Hole in bottom knuckle tip enables quick pin removal for ease of installation
- Bearings :** Each hinge has 4 sets of maintenance free non detachable ball bearings
- Electrification :** Concealed thru wire and monitoring options available, See electrified section
- Fasteners :** Each box of 3 hinges contains full set of machine and wood screws
- Warranty :** Limited Lifetime Warranty

### Available Finishes

US #	BHMA #	Finish Description
US10B	640	Oil Rubbed Bronze
US26D	652	Brushed/Satin Chrome
US32D	630	Brushed/Satin Stainless Steel (type 304 or 316 marine grade)



\*\*Other Finishes Available upon request



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# Spring Hinge

UL Listed



## Specifications

- ANSI :** Meets ANSI A156.17 Grade 1 Self closing hinges  
Dimensions and tolerances conform to ANSI A156.7
- Gauge of metal :** .134" +/- .005" on 4.5" x 4.5" size hinges
- Base Material :** Steel (ANSI K81071F) or Stainless Steel (Grade 304)(ANSI K81071F)
- Templating :** All hinges have templated hole locations for wood or metal doors
- Swaging :** 1/16" Swage standard which provides 1/16" of clearance between leaves
- Fasteners :** Each box of 3 hinges contains full set of machine and wood screws
- Adjustability :** Spring tension can be adjusted with hex wrench or tension rod (both are provided)  
Spring tension is held by tension pin inserted into tension pin hole
- Labeled Door Sizes :** Maximum labeled door size (As set forth by NFPA80)  
4'-0" wide x 8'-0" tall x 1 3/4" thick
- NFPA 80 Reference :** Meets NFPA80 standard for 3 Hour Fire Doors  
NFPA 80 requires minimum of 2 spring hinges to be used on labeled doors
- Warranty :** Limited Lifetime Warranty



Note: Weather stripping, carpet drag, wind, drafts & twisted/misaligned doors or frames may require additional spring hinges to be used

### Available Finishes

US #	BHMA #	Finish Description
US3	632	Bright/Polished Brass
US4	633	Brushed/Satin Brass
US10B	640	Oil Rubbed Bronze
US15	646	Brushed/Satin Nickel
US26	651	Bright/Polished Chrome
US26D	652	Brushed/Satin Chrome
US32D	630	Brushed/Satin Stainless Steel
USP	600	Prime Painted

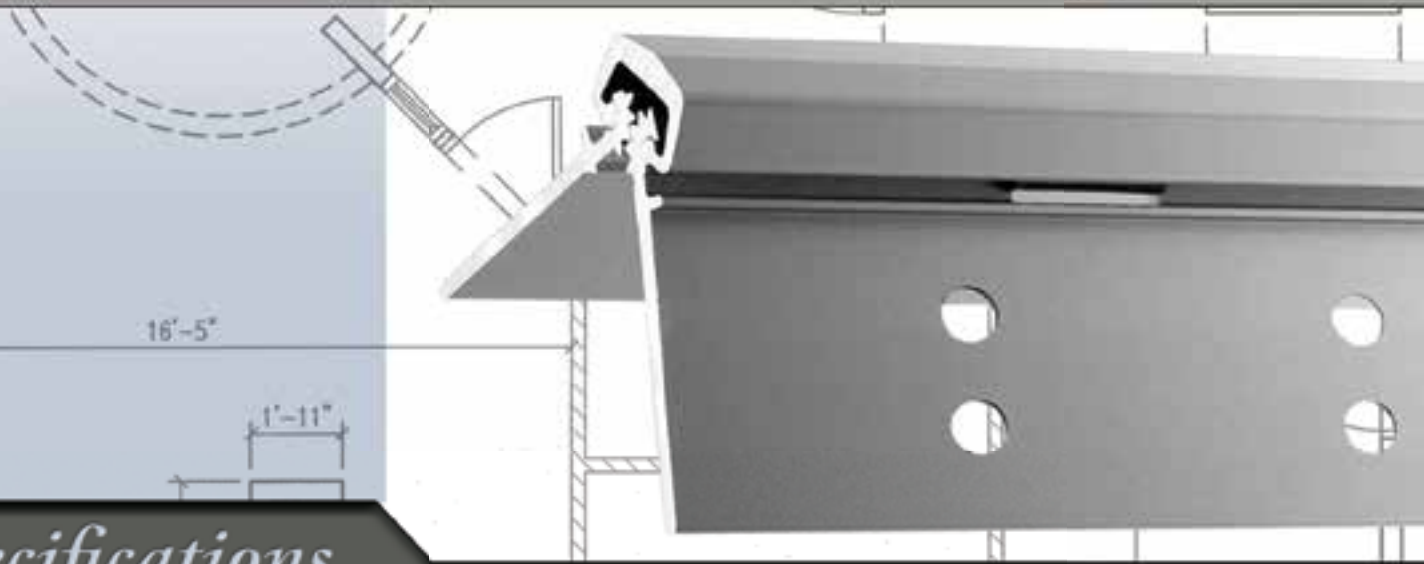


\*\*Other Finishes Available upon request



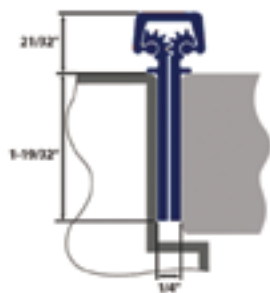
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# Continuous Geared Hinges

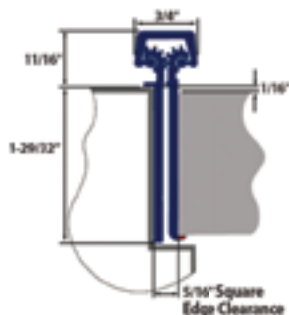


## Specifications

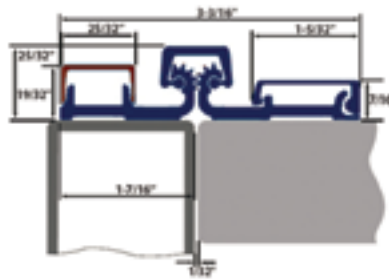
- Base Material :** 6063 T6 Aluminum Alloy
- Types :** Full Mortise and Full Surface
- Handing :** Non Handed (unless cut in the field)
- Stock Lengths :** 83" and 95"
- Stock Finishes :** AL = Aluminum Anodized and BZ = Dark Bronze Anodized  
Anodizing is done after machining to help reduce wear
- Templating :** Templated hole patterns
- Fasteners :** 12-24 x 7/8" Self tapping machine screws
- Features :**
- 32 Self lubricating concealed bearings per hinge for heavy duty applications
  - Eliminates door sag and binding
  - Adds higher degree of security over standard hinges
  - Low operating force helps opening to meet ADA
  - Adds reinforcement to both door and frame
- Warranty :** 10 Year



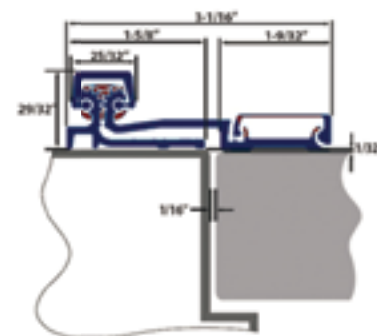
Full Mortise



Full Mortise Offset



Full Surface



Full Surface Offset