

5BB1HW 5 Knuckle, ball bearing, heavy weight full mortise hinge

- Recommended for heavier weight doors (>150 lbs)
- Recommended for high frequency usage (400 cycles per day)
- Made with four ball bearing assemblies
- Recommended for use with a door closer
- Packed with fasteners for hollow metal and wood doors
12-24 x 1/2 UFPHMS, 12 x 1 1/4 FPHWS

Certifications

- Certified to ANSI/BHMA A156.1 for performance standards
- Meets ANSI/BHMA 156.7 for template hinge dimensions
- UL Classified for windstorm rated assemblies - R37965
- UL Listed, 3 hour fire doors

Material substrate

- Made from brass, 1040 steel, or 304 series stainless steel

Options

- NRPNon-removable pin
- HT.....Hospital tip
- SH.....Security stud - comes standard with NRP
- RC-1/4, RC-5/8...Rounded corners
- SECSecurity fasteners - pin-in-socket
- TW4Four wire
- TW4MFour wire with monitor
- TW8Eight wire
- TW8MEight wire with monitor
- MONMonitor

Dimensions

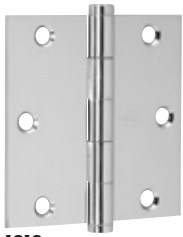
Height x Width	Size (mm)	Gauge
4.5 x 4	114 x 102	0.180
4.5 x 4.5	114 x 114	0.180
5 x 4.5	127 x 114	0.190
5 x 5	127 x 127	0.190

Refer to General Hinge Information page to determine proper hinge for application

5BB1HW Finishes

BHMA	Description	Substrate	Finish
600	Primer paint	Steel	USP
605	Bright brass	Brass	US3
606	Satin brass	Brass	US4
610	Satin bronze	Brass	US10
613	Oil rubbed bronze	Brass	US10B
614	Oxidized bronze	Brass	US10A
616	Blackened bronze	Brass	US11
619	Satin nickel	Brass	US15
622	Matte black	Brass	B-BLK
625	Bright chrome	Brass	US26
626	Satin chrome	Brass	US26D
643e/716	Aged bronze	Brass	B-643e/716
629	Bright stainless	Stainless steel	US32
630	Satin stainless	Stainless steel	US32D
631	Matte black	Steel	F-BLK
632	Bright brass	Steel	US3
633	Satin brass	Steel	US4
639	Satin bronze	Steel	US10
640	Oil rubbed bronze	Steel	US10B
641	Oxidized bronze	Steel	US10A
643	Blackened bronze	Steel	US11
646	Satin nickel	Steel	US15
651	Bright chrome	Steel	US26
652	Satin chrome	Steel	US26D
643e/716	Aged bronze	Steel	F-643e/716

For other colors, consult factory.



1010



1011



1012



1020



1021

1000 Series Residential hinges

- 3.5 x 3.5 or 4 x 4 plain bearing hinges
- Button non-rising pins and caps
- Recommended for doors weighing less than 70 lbs and not exceeding 3'0" x 7'0"
- Recommended for low frequency, residential applications
- Not recommended for use with a door closer
- For metal door applications see 3PB1 and 5PB1 models
- Available with rounded (1/4" or 5/8") or square corners
- Packed with fasteners for wood doors
#9 x 1 FPHWS

Material substrate

- Made from 1040 steel

Dimensions

Model	Height x Width (in)	Corner
1010	3.5 x 3.5	Square
1011	3.5 x 3.5	5/8" Radius
1012	3.5 x 3.5	1/4" Radius
1020	4 x 4	Square
1021	4 x 4	5/8" Radius

5BBIHW Finishes

BHMA	Description	Substrate	Finish
631	Matte black	Steel	F-622E
632*	Bright brass	Steel	F-605E
646	Satin nickel	Steel	F-619E
651	Bright chrome	Steel	F-625E
652	Satin chrome	Steel	F-626E
643e/716	Aged bronze	Steel	F-716E

* Only available on 1011 model. For other colors, consult factory.