

**Heavy Weight Ball Bearing**

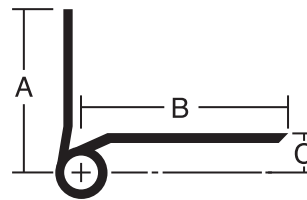
**FBB163** (ANSI A8411) – Steel – polished and plated or phosphated and prime coated for painting

**FBB113** (ANSI A2411) – Brass or bronze – polished and plated or painted

**FBB113 (32)** (ANSI A5411) – Stainless steel – highly polished

**FBB113 (32D)** (ANSI A5411) – Stainless steel – satin finish

- For heavy or high frequency wood, or mineral core doors with edge rails that won't hold screws hung on hollow metal frames
- Equipped with four Stanley permanently lubricated non-detachable ball bearings
- Heavy weight gauges increase available bearing surface area for maximum friction reduction
- Pins in non-ferrous hinges are stainless steel
- Reversible flush tips and pins
- Hinges can be furnished with hospital tips (HT)
- Consider using a back plate with these hinges
- Packed with machine screws and grommet nuts for 1 3/4" doors



Measurements below

Size Length of Joint	Width		Offset		Gauge of Metal	Flat Head Machine Screws/Per Piece		Quantity Per Box	Quantity Per Case	Case Weight	
	Frame Leaf (A)	Door Leaf (B)				Frame Leaf	Door Leaf			Bronze	Steel
	Inches (mm)	Inches (mm)	Inches (mm)	Inches (mm)						Lbs. (Kg)	Lbs. (Kg)
4 1/2 (114)	2 1/8 (54)	2 9/16 (65)	5/8 (15.9)	.180 (4.6)	4-12-24 X 1/2	3 -1/4-20 X 2	3 EA.	30 EA.	59 (27)	47 (21)	
5 (127)	2 1/8 (54)	2 7/8 (73)	5/8 (15.9)	.190 (4.8)	4-12-24 X 1/2	4 -1/4-20 X 2	3 EA.	24 EA.	58 (26)	48 (22)	
6 (152)	2 1/8 (54)	3 1/4 (82.6)	5/8 (15.9)	.203 (5.2)	5-1/4-20 X 1/2	4 -1/4-20 X 2	3 EA.	24 EA.	90 (41)	82 (37)	