

# 5 Knuckle Full Mortise Hinges

## Heavy Weight Ball Bearing

FBB168 – (ANSI A8111) Steel – polished and plated or phosphated and prime coated for painting

FBB199 – (ANSI A2111) Brass or bronze – polished and plated or painted

FBB199 (32) – (ANSI A5111) Stainless steel – highly polished

FBB199 (32D) – (ANSI A5111) Stainless steel – satin finish



- For use on heavy doors or doors where high frequency is expected such as entrance doors to office buildings, stores, public buildings and corridor entrance doors to offices
- All hinges have template screw hole location for use on either wood or hollow metal doors and frames
- Equipped with four Stanley permanently lubricated non-detachable ball bearings
- Pins in non-ferrous hinges are stainless steel
- Hole in bottom tip for easy pin removal
- Reversible flush tips and pins
- Hinges can be furnished as follows:
  - with raised barrel (RB)
  - with electric wires and/or switches (CE and/or CS)
  - with hospital tips (HT)
  - with decorative tips
  - with security studs
  - with non-removable pins (NRP)



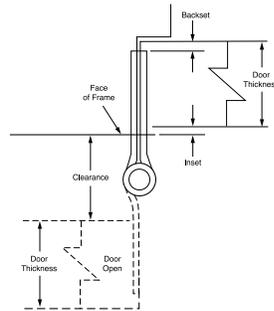
Size Open		Gauge of Metal		Flat Head Screws Per Piece		Quantity Per Box	Quantity Per Case	Case Weight			
Inches	(mm)	Inches	(mm)	Machine	Wood			Bronze		Steel	
						Lbs.	(Kg)	Lbs.	(Kg)		
4 1/2 x 4 1/2	(114 x 114)	.180	(4.6)	8 - 12-24 x 1/2	8 - 12 x 1 1/4	3 ea.	30 ea.	45	(21)	42	(19)
5 x 4 1/2	(127 x 114)	.190	(4.8)	8 - 12-24 x 1/2	8 - 12 x 1 1/2	3 ea.	24 ea.	46	(21)	40	(18)
5 x 5	(127 x 127)	.190	(4.8)	8 - 12-24 x 1/2	8 - 12 x 1 1/2	3 ea.	24 ea.	50	(23)	46	(21)
6 x 4 1/2	(152 x 114)	.203	(5.2)	10 - 1/4 - 20 x 1/2	10 - 14 x 1 1/2	3 ea.	24 ea.	63	(29)	53	(24)
6 x 5	(152 x 127)	.203	(5.2)	10 - 1/4 - 20 x 1/2	10 - 14 x 1 1/2	3 ea.	24 ea.	65	(30)	55	(25)
6 x 6	(152 x 152)	.203	(5.2)	10 - 1/4 - 20 x 1/2	10 - 14 x 1 1/2	3 ea.	24 ea.	76	(35)	61	(28)
8 x 6*	(203 x 152)	.203	(5.2)	16 - 1/4 - 20 x 1/2	16 - 14 x 1 1/2	3 ea.	12 ea.	57	(26)	51	(23)
8 x 8*	(203 x 203)	.203	(5.2)	16 - 1/4 - 20 x 1/2	16 - 14 x 1 1/2	3 ea.	12 ea.	68	(31)	61	(28)

\* Available in Steel only

Consult factory for other sizes not listed

## Wide Throw Hinge

- A full mortise hinge with wider than normal leaves, positions the door out further, when open, than with conventional hinges
- Normally used when doors are set in a reveal and are required to open 180°
- Specify whether hinges are for square or beveled edge doors on the hinge side when ordering



For hinge width formula refer to page 5.