

## BB1199

Five Knuckle  
Ball Bearing  
Heavy Weight

### Application

- ANSI A2111 (Brass)
- ANSI A5111 (Stainless Steel)
- Four ball bearings
- Non-rising removable pin with tip and plug
- For use on heavy weight doors and doors requiring high frequency service

### Note:

- Stainless steel model complies with NFPA80 requirements for use on fire rated door assemblies

### Electric Modifications:

- [EMN](#) (Electric Monitor Only)
- [ETW](#) (Electric Through-Wire Only)
- [ETM](#) (Electric Through-Wire with Monitoring)
- [Quick Connect](#)



## PRODUCT SPECIFICATIONS

### MATERIAL:

- Brass with Stainless Steel pin
- Stainless Steel with Stainless Steel pin

### FINISHES:

- US3, US4, US10, US10B, US15, US26, US26D, US32, US32D

## PRODUCT SIZE OPTIONS

HINGE SIZE (INCHES)	HINGE SIZE (MM)	GAUGE OF METAL	HOLE COUNT	SCREW SIZE (MACHINE)	SCREW SIZE (WOOD)
6 x 5	152 x 114	0.203	10	1/2 x 1/4-20	1 1/2 x 14
6 x 6	152 x 152	0.203	10	1/2 x 1/4-20	1 1/2 x 14
8 x 6	203 x 152	0.203	16	1/2 x 1/4-20	1 1/2 x 14
8 x 8	203 x 203	0.203	16	1/2 x 1/4-20	1 1/2 x 14
4 1/2 x 4	114 x 102	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.180	8	1/2 x 12-24	1 1/4 x 12
5 x 4	127 x 102	0.190	8	1/2 x 12-24	1 1/4 x 12
5 x 4 1/2	127 x 114	0.190	8	1/2 x 12-24	1 1/4 x 12
5 x 5	127 x 127	0.190	8	1/2 x 12-24	1 1/4 x 12
6 x 4 1/2	152 x 114	0.203	10	1/2 x 1/4-20	1 1/2 x 14