



Two Knuckle



Plain Bearing - Standard Weight

For use on medium weight doors or doors requiring low frequency service

920 Steel with Steel pin
- ANSI A8133

- Handed
- With door closer use ball bearing hinge

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12



Concealed Anti-Friction Bearing - Standard Weight

For use on medium weight doors or doors requiring medium frequency service

AB920 Steel with Steel pin
- ANSI A8112

AB923 Brass with Stainless Steel pin
- ANSI A2112
Stainless Steel with Stainless Steel pin
- ANSI A5112

- Handed

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12



Concealed Anti-Friction Bearing - Heavy Weight

For use on heavy weight doors or doors requiring high frequency service

AB930 Steel with Steel pin
- ANSI A8111

AB933 Brass with Stainless Steel pin
- ANSI A2111
Stainless Steel with Stainless Steel pin
- ANSI A5111

- Handed

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
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

Three Knuckle



Plain Bearing - Standard Weight

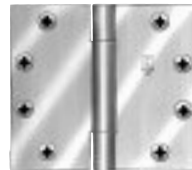
For use on medium weight doors or doors requiring low frequency service

700 Steel with Steel pin
- ANSI A8133

800 Brass with Stainless Steel pin
- ANSI A2133
Stainless Steel with Stainless Steel pin
- ANSI A5133

- Non-rising removable pin with flush pin and plug
- With door closer use ball bearing hinge

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 3 1/2	89 x 89	0.119	6	1/2 x 10-24	1 x 9
4 x 4	102 x 102	0.129	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 4	127 x 102	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 4 1/2	127 x 114	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 5	127 x 127	0.145	8	1/2 x 12-24	1 1/4 x 12



Concealed Anti-Friction Bearing - Standard Weight

For use on medium weight doors or doors requiring medium frequency service

AB700 Steel with Steel pin
- ANSI A8112

AB800 Brass with Stainless Steel pin
- ANSI A2112
Stainless Steel with Stainless Steel pin
- ANSI A5112

- Non-rising removable pin with flush pin and plug
- Available with SecureCoat® Lifetime finish (US3SC) – AB800 only

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 3 1/2	89 x 89	0.119	6	1/2 x 10-24	1 x 9
4 x 4	102 x 102	0.129	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 4	127 x 102	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 4 1/2	127 x 114	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 5	127 x 127	0.145	8	1/2 x 12-24	1 1/4 x 12



Architectural Hinges

Full Mortise

Three Knuckle



Concealed Anti-Friction Bearing - Standard Weight - Wide Throw

For use on medium weight doors or doors requiring medium frequency service

AB700 Wide Throw

Steel with Steel pin
- ANSI A8112

AB800 Wide Throw

Brass with Stainless Steel pin
- ANSI A2112
Stainless Steel with Stainless Steel pin
- ANSI A5112

- Non-rising removable pin with flush pin and plug
- Available with SecureCoat® Lifetime finish (US3SC) – AB800 only

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2 x 5	114 x 127	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 6	114 x 152	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 7	114 x 178	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 8	114 x 203	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 6	127 x 152	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 7	127 x 178	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 8	127 x 203	0.145	8	1/2 x 12-24	1 1/4 x 12

Three Knuckle



Concealed Anti-Friction Bearing - Heavy Weight - Wide Throw

For use on heavy weight doors or doors requiring high frequency service

AB750 Wide Throw

Steel with Steel pin
- ANSI A8111

AB850 Wide Throw

Brass with Stainless Steel pin
- ANSI A2111
Stainless Steel with Stainless Steel pin
- ANSI A5111

- Non-rising removable pin with flush pin and plug

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2 x 5	114 x 127	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 6	114 x 152	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 7	114 x 178	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 8	114 x 203	0.180	8	1/2 x 12-24	1 1/4 x 12
5 x 6	127 x 152	0.190	8	1/2 x 12-24	1 1/4 x 12
5 x 7	127 x 178	0.190	8	1/2 x 12-24	1 1/4 x 12
5 x 8	127 x 203	0.190	8	1/2 x 12-24	1 1/4 x 12



Concealed Anti-Friction Bearing - Heavy Weight

For use on heavy weight doors or doors requiring high frequency service

AB750 Steel with Steel pin
- ANSI A8111

AB850 Brass with Stainless Steel pin
- ANSI A2111
Stainless Steel with Stainless Steel pin
- ANSI A5111

- Non-rising removable pin with flush pin and plug
- Available with SecureCoat® Lifetime finish (US3SC) – AB850 only

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
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 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
6 x 5	152 x 127	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



Five Knuckle



Plain Bearing - Standard Weight

For use on medium weight doors or doors requiring low frequency service

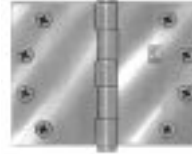
1191 Brass with Stainless Steel pin
- ANSI A2133
Stainless Steel with Stainless Steel pin
- ANSI A5133

1279 Steel with Steel pin
- ANSI A8133

- Non-rising removable pin with button tip and plug
- With door closer use ball bearing hinge

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
2 x 2	51 x 51	0.083	4	-	3/4 x 8
2 1/2 x 2 1/2	64 x 64	0.089	6	-	3/4 x 8
3 x 3	76 x 76	0.097	6	-	1 x 9
3 1/2 x 3 1/2	89 x 89	0.119	6	1/2 x 10-24	1 x 9
4 x 4	102 x 102	0.129	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 4	127 x 102	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 4 1/2	127 x 114	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 5	127 x 127	0.145	8	1/2 x 12-24	1 1/4 x 12
6 x 4 1/2	152 x 114	0.160	10	1/2 x 1/4-20	1 1/2 x 14
6 x 5	152 x 127	0.160	10	1/2 x 1/4-20	1 1/2 x 14
6 x 6	152 x 152	0.160	10	1/2 x 1/4-20	1 1/2 x 14

Five Knuckle



Plain Bearing - Standard Weight - Wide Throw

For use on medium weight doors or doors requiring low frequency service

1191 Wide Throw
Brass with Stainless Steel pin
- ANSI A2133
Stainless Steel with Stainless Steel pin
- ANSI A5133

1279 Wide Throw
Steel with Steel pin
- ANSI A8133

- Non-rising removable pin with button tip and plug
- With door closer use ball bearing hinge

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 5	89 x 127	0.119	6	1/2 x 10-24	1 x 9
3 1/2 x 6	89 x 152	0.119	6	1/2 x 10-24	1 x 9
4 x 5	102 x 127	0.129	8	1/2 x 12-24	1 1/4 x 12
4 x 6	102 x 152	0.129	8	1/2 x 12-24	1 1/4 x 12
4 x 7	102 x 178	0.129	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 5	114 x 127	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 6	114 x 152	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 7	114 x 178	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 8	114 x 203	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 6	127 x 152	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 7	127 x 178	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 8	127 x 203	0.145	8	1/2 x 12-24	1 1/4 x 12



Concealed Bearing - Standard Weight

For use on medium weight doors or doors requiring medium frequency service

CB1191 Stainless Steel with Stainless Steel pin
- ANSI A5112

- Non-rising removable pin with button tip and plug
- Only available with SecureCoat® Lifetime finish (US3SC)
- Specify machine screws

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 3 1/2	89 x 89	0.119	6	-	1 x 9
4 x 4	102 x 102	0.129	8	-	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	-	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	-	1 1/4 x 12
5 x 4	127 x 102	0.145	8	-	1 1/4 x 12
5 x 4 1/2	127 x 114	0.145	8	-	1 1/4 x 12
5 x 5	127 x 127	0.145	8	-	1 1/4 x 12
6 x 4 1/2	152 x 114	0.160	10	-	1 1/2 x 14
6 x 5	152 x 127	0.160	10	-	1 1/2 x 14
6 x 6	152 x 152	0.160	10	-	1 1/2 x 14



Architectural Hinges

Full Mortise

Five Knuckle



Ball Bearing - Standard Weight

For use on medium weight doors or doors requiring medium frequency service

***BB1191** Brass with Stainless Steel pin
- ANSI A2112
Stainless Steel with Stainless Steel pin
- ANSI A5112*

BB1279 Steel with Steel pin
- ANSI A8112

- Two ball bearings
- Non-rising removable pin with button tip and plug



Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 3 1/2	89 x 89	0.119	6	1/2 x 10-24	1 x 9
4 x 4	102 x 102	0.129	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4	114 x 102	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 4	127 x 102	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 4 1/2	127 x 114	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 5	127 x 127	0.145	8	1/2 x 12-24	1 1/4 x 12
6 x 4 1/2	152 x 114	0.160	10	1/2 x 1/4-20	1 1/2 x 14
6 x 5	152 x 127	0.160	10	1/2 x 1/4-20	1 1/2 x 14
6 x 6	152 x 152	0.160	10	1/2 x 1/4-20	1 1/2 x 14

Five Knuckle



Ball Bearing - Heavy Weight

For use on heavy weight doors or doors requiring high frequency service

BB1168 Steel with Steel pin
- ANSI A8111

BB1199 Brass with Stainless Steel pin
- ANSI A2111
Stainless Steel with Stainless Steel pin
- ANSI A5111

- Four ball bearings
- Non-rising removable pin with button tip and plug

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
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
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



Ball Bearing - Standard Weight - Wide Throw

For use on medium weight doors or doors requiring medium frequency service

BB1191 Wide Throw
Brass with Stainless Steel pin
- ANSI A2112
Stainless Steel with Stainless Steel pin
- ANSI A5112

BB1279 Wide Throw
Steel with Steel pin
- ANSI A8112

- Two ball bearings
- Non-rising removable pin with button tip and plug

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
3 1/2 x 5	89 x 127	0.119	6	1/2 x 10-24	1 x 9
3 1/2 x 6	89 x 152	0.119	6	1/2 x 10-24	1 x 9
4 x 5	102 x 127	0.129	8	1/2 x 12-24	1 1/4 x 12
4 x 6	102 x 152	0.129	8	1/2 x 12-24	1 1/4 x 12
4 x 7	102 x 178	0.129	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 5	114 x 127	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 6	114 x 152	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 7	114 x 178	0.134	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 8	114 x 203	0.134	8	1/2 x 12-24	1 1/4 x 12
5 x 6	127 x 152	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 7	127 x 178	0.145	8	1/2 x 12-24	1 1/4 x 12
5 x 8	127 x 203	0.145	8	1/2 x 12-24	1 1/4 x 12



Ball Bearing - Heavy Weight - Wide Throw

For use on heavy weight doors or doors requiring high frequency service

BB1168 Wide Throw
Steel with Steel pin
- ANSI A8111

BB1199 Wide Throw
Brass with Stainless Steel pin
- ANSI A2111
Stainless Steel with Stainless Steel pin
- ANSI A5111

- Four ball bearings
- Non-rising removable pin with button tip and plug

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2 x 5	114 x 127	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 6	114 x 152	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 7	114 x 178	0.180	8	1/2 x 12-24	1 1/4 x 12
4 1/2 x 8	114 x 203	0.180	8	1/2 x 12-24	1 1/4 x 12
5 x 6	127 x 152	0.190	8	1/2 x 12-24	1 1/4 x 12
5 x 7	127 x 178	0.190	8	1/2 x 12-24	1 1/4 x 12
5 x 8	127 x 203	0.190	8	1/2 x 12-24	1 1/4 x 12