



Five Knuckle



One Leaf Tapped

Plain Bearing - Standard Weight

For use on aluminum doors with aluminum frames. Application is by inserting the hinge leaves through a slot in the door or frame

1277 Both Leaves Tapped

Steel with Steel pin
- ANSI A8143, 5/16" Swage

1278 One Leaf Tapped

Steel with Steel pin
- ANSI A8153, 3/16" Swage

1577 Both Leaves Tapped

Brass with Stainless Steel pin
- ANSI A2143, 5/16" Swage
Stainless Steel with Stainless Steel pin
- ANSI A5143, 5/16" Swage

1578 One Leaf Tapped

Brass with Stainless Steel pin
- ANSI A2153, 3/16" Swage
Stainless Steel with Stainless Steel pin
- ANSI A5143, 3/16" Swage

- Non-rising removable pin with button tip and plug
- Handed
- Use ball bearings with door closer

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



Both Leaves Tapped

Ball Bearing - Standard Weight

For use on aluminum doors with aluminum frames. Application is by inserting the hinge leaves through a slot in the door or frame

BB1277 Both Leaves Tapped

Steel with Steel pin
- ANSI A8142, 5/16" Swage

BB1278 One Leaf Tapped

Steel with Steel pin
- ANSI A8152, 3/16" Swage

BB1577 Both Leaves Tapped

Brass with Stainless Steel pin
- ANSI A2142, 5/16" Swage
Stainless Steel with Stainless Steel pin
- ANSI A5142, 3/16" Swage

BB1578 One Leaf Tapped

Brass with Stainless Steel pin
- ANSI A2152, 3/16" Swage
Stainless Steel with Stainless Steel pin
- ANSI A5142, 3/16" Swage

- 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
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

Three Knuckle



Full Mortise - Concealed Anti-Friction Bearing - Standard Weight

For use in hospitals or other institutional type buildings

AB7001 For Square Edge Doors

Steel with Steel pin
- ANSI A8122

AB7002 For Beveled Edge Doors

Steel with Steel pin
- ANSI A8122

- Non-rising removable pin with flush pin and plug
- Reversible

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2	114	0.139	8	1/2 x 12-24 FH	1 1/4 x 12 FH
5	127	0.139	8	1/2 x 12-24 FH	1 1/4 x 12 FH

Note: When opened 90° door projects 3/32" (2 mm) past stop of jamb



Full Mortise - Concealed Anti-Friction Bearing - Heavy Weight

For use in hospitals or other institutional type buildings

AB7501 For Square Edge Doors

Steel with Steel pin
- ANSI A8121

AB7502 For Beveled Edge Doors

Steel with Steel pin
- ANSI A8121

- Non-rising removable pin with flush pin and plug
- Reversible

Hinge Size		Gauge of Metal	Hole Count	Screw Size	
Inches	mm			Machine	Wood
4 1/2	114	0.187	8	1/2 x 12-24 FH	1 1/4 x 12 FH
5	127	0.187	8	1/2 x 12-24 FH	1 1/4 x 12 FH

Note: When opened 90° door projects 11/64" (4 mm) past stop of jamb



Half Mortise - Concealed Anti-Friction Bearing - Heavy Weight

For use in hospitals or other institutional type buildings

AB7511 For Square Edge Doors

Steel with Steel pin
- ANSI A8221

AB7512 For Beveled Edge Doors

Steel with Steel pin
- ANSI A8221

- Non-rising removable pin with flush pin and plug
- Reversible

Hinge Size		Gauge of Metal	Hole Count	Machine/Wood Screw Size	
Inches	mm			Door Leaf	Jamb Leaf
5	127	0.187	8	1/2 x 12-24 FH 1 1/4 x 12 FH	1/2 x 1/4-20 FH 1 1/2 x 14 FH

Note: When opened 90° door projects 11/64" (4 mm) past stop of jamb