

Architectural Hinges > Full Mortise Hinges > ECCO

Plain Bearing - Standard Weight

EC1100



Application:

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

Description:

- ANSI A8133
- Five knuckle
- Non-rising removable pin with button tip and plug
- With door closer use ball bearing hinge

Material:

- Steel with Steel pin

Fasteners:

- All machine and all wood

Finishes:

- USP
- US3
- US4
- US10B
- US26D



Hinge Size (inches)	Hinge Size (mm)	Gauge of Metal	Hole Count	Screw Size (Machine)	Screw Size (Wood)
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2" x 12-24	1 1/4" x 12

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Ball Bearing - Standard Weight

ECBB1100



Application:

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

- Description:**
- ANSI A8112
 - Five knuckle
 - Two ball bearings
 - Non-rising removable pin with button tip and plug
- Material:**
- Steel with Steel pin
- Fasteners:**
- All machine and all wood
- Finishes:**
- USP
 - US3
 - US4
 - US10B
 - US26D
 - *Available only in US26D



Hinge Size (inches)	Hinge Size (mm)	Gauge of Metal	Hole Count	Screw Size (Machine)	Screw Size (Wood)
4 1/2 x 4 1/2	114 x 114	0.134	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

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Ball Bearing - Standard Weight

ECBB1100 NRP



Application:

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

- Description:**
- ANSI A8112
 - Five knuckle
 - Two ball bearings
 - Non-removable pin with button tip and plug
- Material:**
- Steel with Steel pin
- Fasteners:**
- All machine and half wood
- Finishes:**
- USP
 - US3
 - US4
 - US10B
 - US26D
 - *Available only in US26D



Hinge Size (Inches)	Hinge Size (mm)	Gauge of Metal	Hole Count	Screw Size (Machine)	Screw Size (Wood)
4 1/2 x 4 1/2	114 x 114	0.134	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

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Ball Bearing - Standard Weight

ECBB1101 NRP



Application:

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

- Description:**
- Five knuckle
 - Two ball bearings
 - Non-rising removable pin with button tip and plug
- Material:**
- Brass or Stainless Steel w/ Stainless Steel pin ANSI A5112
- Fasteners:**
- All machine and half wood
- Finishes:**
- US26D
 - US32D



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Ball Bearing - Heavy Weight

ECBB1102



Application:

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

- Description:**
- ANSI 8111
 - Four ball bearings
 - Non-rising removable pin with tip and plug
- Material:**
- Steel with Steel pin
- Finishes:**
- USP
 - US26D
 - *Available only in US26D



Hinge Size (inches)	Hinge Size (mm)	Gauge of Metal	Hole Count	Screw Size (Machine)	Screw Size (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

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Ball Bearing - Heavy Weight

ECBB1102 NRP



Application:

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

- Description:**
- ANSI A8111
 - Four ball bearings
 - Non-rising removable pin with tip and plug
- Material:**
- Steel with Steel pin
- Finishes:**
- USP
 - US26D
 - *Available only in US26D



Hinge Size (inches)	Hinge Size (mm)	Gauge of Metal	Hole Count	Screw Size (Machine)	Screw Size (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

Architectural Hinges > Full Mortise Hinges > ECCO

Ball Bearing - Heavy Weight

ECBB1103 NRP



Application:

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

- Description:**
- Brass ANSI A5111
 - Stainless Steel ANSI A2111
 - Four ball bearings
 - Non-rising removable pin with tip and plug
- Material:**
- Brass with Stainless Steel pin
 - Stainless Steel with Stainless Steel pin
- Finishes:**
- US10B
 - US32D
 - *Available only in US32D



Hinge Size (inches)	Hinge Size (mm)	Gauge of Metal	Hole Count	Screw Size (Machine)	Screw Size (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

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Spring

EC1105



Application:

Maximum Door Size: For labeled doors 4' x 8' the maximum door size is based on the limits set forth by NFPA Standard #80. Labeled Doors require Ball Bearing hinges. For non-labeled doors 4'0" wide, 4" x 4" Spring hinges are not recommended. For non-labeled doors over 7'6" in height, use an additional hinge for each additional 30" of height or fraction thereof.

For automatic closing. Meets codes for hotels, motels, institutions, and commercial buildings.

Standard screw pack on 4 1/2" all machine, all wood.

- Description:**
 - For use on 1 3/4" doors
 - Recommended maximum door weight 180 lbs.
- Material:**
 - Steel ANSI K81071F
- Fasteners:**
 - All machine and all wood
- Finishes:**
 - USP
 - US3
 - US4
 - US10B
 - US26D



Hinge Size (Inches)	Hinge Size (mm)	Gauge of Metal	# of Holes	Machine Screw Size	Wood Screw Size	Box Qty.	Case Qty.	Avg. Wt./Case
4 1/2 x 4 1/2	114 x 114	0.134	8	1/2" x 12-24	1 1/4" x 12	3	48	47 lbs.
4 1/2 x 4	114 x 102	0.134	8	1/2" x 12-24	1 1/4" x 12			

Size	Rcm Max Door Wt. (lbs.)	Spring Hinge	Ball Bearing Hinge
4 1/2" x 4" & 4 1/2" x 4 1/2"	70	1	2
4 1/2" x 4" & 4 1/2" x 4 1/2"	115	2	1
4 1/2" x 4" & 4 1/2" x 4 1/2"	150	3	---