

# McKINNEY Hinge Catalog

## Standard Duty Center Hung Jamb Mount Pivot Set

**McKINNEY**

1-800-346-7707

www.mckinneyhinge.com

### EP5-J

Ferrous base pivot set polished and plated.



### Features:

- Thrust steel ball bearing in bottom pivot, oil impregnated bronze bearing in top pivot
- Center hung
- Mortised into side jamb
- Full mortise top pivot
- Non-handed
- Ferrous material
- 1<sup>5</sup>/<sub>32</sub>" radius heel edge of door

### Maximum Door Weight:

Interior or exterior doors up to:

- 125 lbs
- 3'6" x 8'0"\*

### Door Weight Chart (lbs per square foot)

|                         | Door Thickness                    |                                   |
|-------------------------|-----------------------------------|-----------------------------------|
|                         | 1 <sup>1</sup> / <sub>4</sub> "   | 2"                                |
| Aluminum                | 3 <sup>1</sup> / <sub>2</sub> lbs | 5 lbs                             |
| Wood - Particle Core    | 5 lbs                             | 5 <sup>3</sup> / <sub>4</sub> lbs |
| Wood - Stave Block Core | 4 lbs                             | 4 <sup>1</sup> / <sub>2</sub> lbs |
| 14 Gauge Hollow Metal   | 8 <sup>3</sup> / <sub>4</sub> lbs | 10 lbs                            |
| 16 Gauge Hollow Metal   | 7 <sup>1</sup> / <sub>2</sub> lbs | 8 <sup>1</sup> / <sub>2</sub> lbs |
| 18 Gauge Hollow Metal   | 6 <sup>1</sup> / <sub>2</sub> lbs | 7 <sup>1</sup> / <sub>2</sub> lbs |

### Packing:

All EP5-J Pivot sets are packed with 14 x 1<sup>1</sup>/<sub>2</sub>" wood screws and 1<sup>1</sup>/<sub>4</sub>-20 x 5<sup>5</sup>/<sub>8</sub>" machine screws

### ANSI Cross Reference

C07042

Recommended for use on average frequency double acting doors in schools, hospitals, institutions and other public buildings. Not for use on labeled doors and frames.

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## Ajax Double Acting Horizontal Spring Pivot Hinge

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### 3001-STEEL / J3001-STEEL

Furnished painted or in finely plated finish.

This hinge is equipped with a 90° hold open feature, hardened steel roller bearings and slotted screws that hold in the floor plate to permit easy alignment. It also has adjustable tension and nylon top pivot and socket.

Application of attaching plate and hinge to the bottom of door is very simple and requires only a rectangular mortise cut.



### Features:

- For use on hollow metal or wood doors in residences, restaurants and other public places
- All wood screws
- Optional jamb attaching plate for concrete or tile floor (to order, prefix "J" to number)

### Specifications for 3001

|                |  |
|----------------|--|
| Door Thickness | 1 $\frac{1}{8}$ " to 1 $\frac{3}{4}$ " |
| Door Weight    | 90                                     |
| Door Width     | 3'0"                                   |

4007RB-MALLEABLE IRON



Furnished painted or in finely plated finish.

Has an exterior tension adjustment which can be adjusted after hinge is applied. Anti-friction bearing to carry the weight of the gate and an anti-friction bearing in the top socket which reduces friction and wear. The

4007MRB-MALLEABLE IRON



pintle has an adjustment in the bottom attachment with a locking device which permits aligning the gate or setting the gate in desired position. Spring is large enough for heavy duty conditions but the adjustable tension makes it equally suited for light gates.

The 4007 RB Series attachments are applied to the surface of the frame

Features:

- For use on wood and metal gates
- All wood screws
- Exterior tension adjustment
- Anti-friction bearings
- Pintle adjustment with locking device

and the box is applied to the bottom surface of the gate. However, in the 4007MRB Series, the box is mortised into the bottom of the gate.

Specify MRB for mortised box and reversed brackets; specify RB for reverse brackets only.

Before ordering, please note clearances in chart.

| Clearances                   |   |   |
|------------------------------|---|---|
| Catalog #                    | 4007MRB   | 4007RB  |
| Minimum Clearance Under Gate | 2 <sup>3</sup> / <sub>8</sub> "                                 | 4"  |
| Gate or Handrail Thickness   | 1 <sup>1</sup> / <sub>8</sub> - 2 <sup>1</sup> / <sub>2</sub> " | 1 <sup>1</sup> / <sub>8</sub> - 2 <sup>1</sup> / <sub>2</sub> " |
| Weight of Gate               | 75  | 75  |
| Width of Gate                | 3'6"  | 3'6"  |
| Width of Jamb Attachment     | 1 <sup>1</sup> / <sub>4</sub> "                                 | 1 <sup>1</sup> / <sub>4</sub> "                                 |

\* Minimum height for weights shown. Hinge capacity decreases as door height decreases.

# McKINNEY Hinge Catalog

## Lightweight Double Acting Gravity Pivot Hinge

**McKINNEY**

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### 8007-STEEL / H8007-STEEL

Furnished painted or in finely plated finish.

The 8007 features a unique ball bearing pivot riding on a hardened steel cam providing frictionless long lasting service. The H8007 is similar to the 8007 except that it has a 90° hold open feature in either direction.

Attachments are surface applied to the jamb and the top socket may be surface applied or mortised into the top of the door. The box may be surface applied or mortised into the bottom of the door.



### Features:

- For use on double acting wood Louvre doors 3/4" to 1 3/4" thick which do not exceed 18" in width, 5' in height or 40lbs in weight

### Specifications for 8007/H8007

|                |                |
|----------------|----------------|
| Door Thickness | 3/4" to 1 3/4" |
| Door Weight    | 40             |
| Door Width     | 1'6"           |
| Door Height*   | 5'0"           |

\* Maximum height for weights shown. Hinge capacity decreases as gate height decreases.