

## Hinge Types

### STANDARD WEIGHT



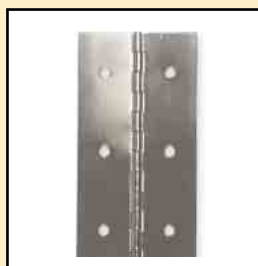
For average- to low-frequency use doors. Good for inside dwelling doors, or if used with anti-friction bearings, for dwelling entrance, office, school, and storefront doors.

### HEAVY WEIGHT



For high-frequency use doors. Ideal for large office, storefront, school and office bathroom, and general building entrance doors.

### CONTINUOUS



Also known as Piano Hinges. Long hinge is designed to be cut to desired length. This hinge type distributes weight along the entire length of the door.

### COMMERCIAL



Designed for use on aluminum storefront doors.

### HIGH SECURITY



Designed to be tamper-resistant, this hinge design prevents door removal.

### UTILITY



For use in smaller applications, such as chests and cabinets.

### SPRING



Use for any application where you want a door to be self-closing. Ideal for use on screen doors.

### STRAP AND TEE



Designed for high-frequency use in applications such as industrial wood or metal doors, shutters, barn doors, and gates.

## Mounting Types

### FULL MORTISE

- Door Types: Solid Core Wood, Hollow Metal, Mineral Core Wood Doors (min. 3/4" edge style)
  - Frame Types: Wood, Hollow Metal
- Both hinge leaves are mortised (inset) into the mounting surface.

### HALF MORTISE

- Door Types: Solid Core Wood
  - Frame Types: Channel Iron, Tubular
- One leaf is mortised (inset) into the mounting surface; the other is mounted to the surface. Also known as Half Surface mounting.

### FULL SURFACE

- Door Types: Hollow Core Wood, Kalamein
  - Frame Types: Channel Iron, Tubular
- Both leaves are surface mounted.

### HALF SURFACE

- Door Types: Solid Core Wood, Hollow Metal, Mineral Core Wood Doors (min. 3/4" edge style)
  - Frame Types: Wood, Hollow Metal
- One leaf is mounted to the surface; the other leaf is mortised (inset) into the opposite mounting surface. Also known as Half Mortise mounting.

## Bearing Types

**None:** No bearings for lighter weight doors with less frequency of use. Also called Plain Bearing.

**Ball:** For heavier doors and/or higher frequency of use.

**Spring:** For use in applications where you want the door to be self-closing.

**Polymer:** Use in high-frequency applications where maximum durability is required, or where corrosives may be present.

## Pin Types

**Removable:** Pin is removable by inserting a punch, then tapping through the hole in the bottom barrel.

**Non-Removable:** A set screw in the barrel intercepts the pin. The set screw is not accessible when the door is closed.