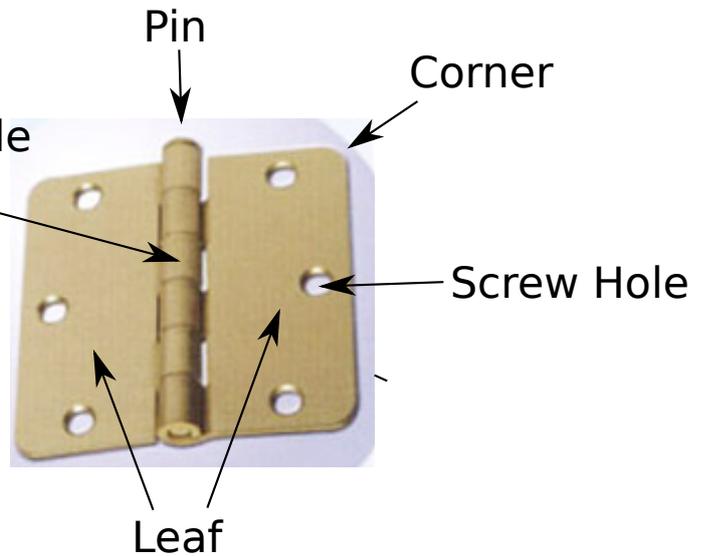


Aspects of Door Hinge Specifications

Hinge Anatomy

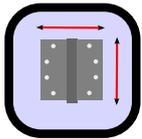
Butt/Barrel/Knuckle



Specification Details



Base Metal: (Regardless of color) this refers to the material makeup of the hinge. Common base metals are: Steel, Solid Brass, and Stainless Steel. Steel hinges are ferrous (contain iron which is magnetized). Solid Brass and Stainless Steel hinges are non-ferrous and will not attract a magnet.



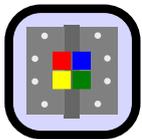
Size: This refers to the height and width of the open hinge (leaves spread). Common sizes are 3-1/2"x3-1/2", 4"x4", 4-1/2"x4-1/2".



Thickness: The thickness of the leaves are measured in Imperial Gauge or Millimeters. But often sold by generic names like "residential" (thin) or "heavy duty" (thicker). Residential hinges are typically 2mm-2.5mm and Heavy Duty hinges are typically 3.0mm-3.5mm in thickness.



Bearing: This refers to the mechanical structure that bears the weight of the door. Typical bearings are Plain Bearing, Ball Bearing, or Spring (Self Closing). Plain bearing has a straight pin, ball bearing has ball bearings in the barrel to reduce friction and carry more door weight. Spring bearing hinges (also called "self closing" or by a manufacturer name "Bommer") have a tension spring in the barrel to close the door. Most hinges are Plain Bearing by default and will specify a different bearing.

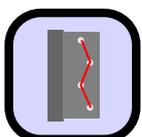


Finish (or color): Color of hinge is specified in ANSI (US) standard finishes or sometimes in BHMA standard finishes. Common colors: US15 Satin Nickel, US10B Oil-Rubbed Bronze, US3 Bright Brass, US15A Antique Nickel, US26 Bright Chrome, US26D Brushed Chrome and others.



Corner: Our standard hinge corner is 1/4" Radius Corner. Other corner specifications are Square Corner and 5/8" Radius Corner. All hinges are mortised into the jamb and door.

Other Details



Hole Pattern: Screw holes on the hinge leaves can be laid out in "zig-zag" or "crescent" shaped patterns.



Screw Type: Hinge screws vary in length and thread. Wood screws typically come in either a wood boring "fly-cut" variety or in a coarse thread.