

HOW TO ORDER HINGES

- A. LEAF WIDTH** – *the dimension from the center of the pin to the outer edge of the leaf.*
- B. KNUCKLE LENGTH** – *the nominal or typical dimension of the knuckle measured parallel to the pin.*
- C. HINGE LENGTH** – *the length of the leaves measured parallel to the pin.*
- D. HINGE WIDTH** – *the overall dimension of the leaves measured across the knuckle.*
- E. END PLAY** – *the amount of axial movement between the leaves.*
- F. PITCH** – *the dimension from a point on the knuckle to the same point on an adjacent knuckle on the same leaf.*
- G. PAINT CLEARANCE** – *the minimum dimension between the outer face of the knuckle and the opposing edge of the leaf cut out over the entire range of pivotal movement of the hinge.*

Length – Continuous hinges can be cut to exact length, designed to a length that is a multiple of the knuckle length to eliminate partial knuckles.

Pin Retention – All standard continuous hinges are stocked with loose pins and flush cut ends

Flush Pin Staked – The most economical way to retain a pin is by staking it on the topside or backside of the knuckle.

Pin Spun Both Ends – This method is normally used only for tamper-proofing or for applications with severe vibrations.

Pin Material – This can be made of any type of material

Countersinking Countersinking is the removal of metal, whereas coining is the displacement of metal, and in some cases will leave a slight bulge on the leaf edge.

Formed Leaves – Formed special hinge leaves can be supplied in a variety of configurations. Dimensions should be taken from the pin center line and inside of forms. Unless otherwise indicated, the inside radius of a form is the same as the material thickness.

Spring-Loaded Hinges – Any of our standard Continuous hinges can be spring loaded. This type of hinge is produced using torsion springs, complying with your specifications.

Slip-Joint Hinges – or "take-apart" hinges are normally used when requirements call for doors to be removed. Indicate right- or left-handed when ordering.

Butt Hinges – come with either tight or loose pins, according to your specifications.



Multiple Pin Hinges - Multiple pin hinges allow for double action (as required).

Fasteners - We can supply any customer fastener needs.

Plating - A variety of plated finishes are available upon request: zinc (clear, yellow and black), cadmium, nickel, brass and lacquer, anodized (satin, black, gold and bronze), electro polished, painted or pre-painted, etc. Note: Hinges will be plated assembled. Only hinges shipped to customers unassembled will be plated unassembled. Aluminum hinges cannot be anodized with brass or stainless steel pins.

Please be sure to include the following with your order:

- Quantity
- Hinge Length
- Pin Diameter
- Open Width (unequal leaves, specify leaf widths)
- Material Thickness and Type
- Type of Swaging
- Finish Required
- Special Instructions (Hinges with Holes & etc.)