

Swaging is the slight offset in the hinge leaves which permits them to close to a parallel position as the door closes.

Full Mortise

All hinges for full mortise applications are swaged. Normal swaging on standard and heavy gauge hinges provides a clearance of $\frac{1}{16}$ " when the leaves are parallel. Full mortise wide throw hinges have a clearance of $\frac{3}{32}$ ".



Hinge Opened



Hinge Closed

Full Surface

Hinges for full surface applications are not swaged. Blank hinges are for full surface welded application and are always furnished "flat back" unless specified otherwise when ordered.



Hinge Opened



Hinge Closed

Beveled Door

Hinges for beveled door applications have one leaf swaged at an angle of $3\frac{1}{2}^\circ$ ($\frac{1}{8}$ " in 2") to maintain proper door and frame clearance when doors are beveled on the hinge side. Specify handing on these hinges.



Hinge Opened



Hinge Closed

One Leaf Swaged

When only one leaf is swaged, the non-swaged leaf is approximately $\frac{1}{16}$ " shorter as a standard. For all hollow metal door and frame applications, both leaves must be the same width. On your order, specify "**Leaves must be equal**".



Hinge with One Leaf Swaged

One Leaf Swaged Flat

When only one leaf is swaged flat, the non-swaged leaf is approximately $\frac{3}{32}$ " shorter as a standard. For all hollow metal door and frame applications, both leaves must be the same width. On your order, specify "**Leaves must be equal**".



Hinge with One Leaf Swaged Flat