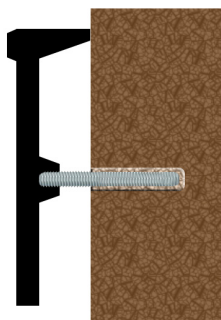




# Cast Plaque Mounting Styles

*A variety of standard & custom mounting methods are available to suit virtually any installation*



## Concealed Mounting - Bosses and Studs

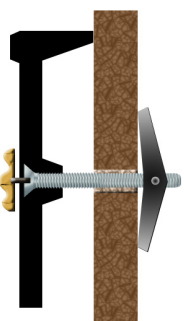
Bosses (extra pads) are cast onto the back of the plaque. These are drilled and tapped to accept threaded studs. Flat backed plates (generally smaller sizes) are drilled and tapped for studs without bosses on the back.

### Recommended Uses:

For concealed and permanent mounting to brick walls, stone or masonry surfaces.

### Installation:

Drill holes in the mounting surface slightly larger than the diameter of the studs. Fill mounting holes with silicone, epoxy or quickset cement. Set into holes, and allow the adhesive to cure



## Toggle Bolt Mounting - Optional Rosettes

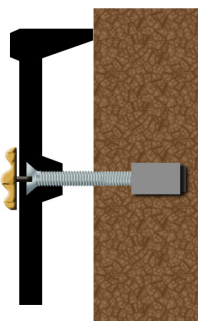
Holes are drilled through the face of the plaque for toggle bolts. Toggle bolts are threaded machine screws 4" to 6" long with spring-loaded butterflies that fold up and pass through holes in the wall.

### Recommended Uses:

For semi-permanent mounting to hollow tile, cement block, drywall and wood paneling over studs.

### Installation:

Using the plaque holes as a template, drill holes through the wall large enough to accommodate the butterfly assembly. Insert each machine screw through the plaque and screw on each butterfly. Fold the butterfly assemblies and insert them through holes until wings spring open inside the hollow wall. Pull back on each screw head to press the butterfly against the inside wall. Turn each machine screw, first by hand, then with a screwdriver. If rosette covers are provided, screw rosettes into the toggle bolt heads.



## Expansion Anchor Sleeves - Optional Rosettes

Holes are drilled through the face of the plaque for machine screws. Each metal expansion sleeve (or lead anchor) has a threaded interior to house a machine screw. The lead anchor will expand when a screw is inserted and tightened.

### Recommended Uses:

For semi-permanent mounting to brick walls, stone or masonry surfaces.

### Installation:

Using the plaque holes as a template, drill holes into the wall large enough to accept the lead anchor. Drill deep enough so the fully driven screw won't strike the back of the hole. Insert expansion sleeves into holes, threaded cones first. Using metal setting tool, strike tool with hammer to drive sleeve into each hole. Insert each machine screw through the plaque and tighten screws into expansion sleeves with a screw driver. If rosette covers are provided, screw rosettes into the machine screw heads.



## Wood Screw Mounting - Optional Rosettes

Holes are drilled through the plaque and countersunk to accept a flat or oval head wood screw. Larger sized woodscrews, #14 & #16, can have the heads drilled and tapped to accept a rosette cover if desired.

### Recommended Uses:

For semi-permanent mounting to wood and plaster walls. When mounting to plaster walls, we recommend small plate styles only.

### Installation:

Using the plaque holes as a template, drill wall holes. Insert wood screws through the plaque holes and tighten screws with a screwdriver. If rosette covers are provided, screw rosettes into the wood screw head.