

Lock Mounting Methods

Lock mounting methods for narrow stile aluminum doors – the three most prevalent methods of mounting locks and latches within the hollow tube stile of glass doors are shown in the accompanying illustrations.

Method A: 4104 Mounting Bridge

Method “A” spans the stile with a steel bridge at the top and bottom of the lock. A simple handle (Adams Rite Installation Tool 4075) is used to position the bridge accurately in the stile while its two screws are tightened to form a “web” in the door. Resilient washers allow for minor adjustment to fit the lock flush in the door.

Method B: 26-00090XX Tube Spacer

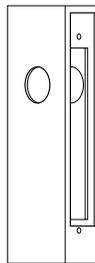
Method “B” requires two tapped holes in the back web of the stile and tubular spacers of appropriate lengths. Some door manufacturers use a heavy coil spring in place of the tube to allow for minor adjustment.

Method C: 91-0965 Kit for Radiused Door, 91-0966 Kit for Beveled Door

Method “C” was developed for use in Aluminum door jams for the purpose of retrofitting locks into existing doors. Its edge of the door location allows for easy application, reduces risk of door damage, particularly when used in glass doors, and makes drilling an easier process. It can also be used in metal or steel doors.

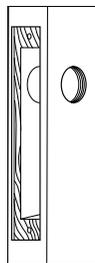
Lock Mounting Method for Hollow Metal Doors

Hollow metal doors with hardware preparation per ANSI standards have welded-in lock mounting tabs and require no modification to accept a lock manufactured with a mounting pattern conforming to these standards. (Examples: MS1850SN Deadlock and 4920AN Heavy Duty Deadlatch)

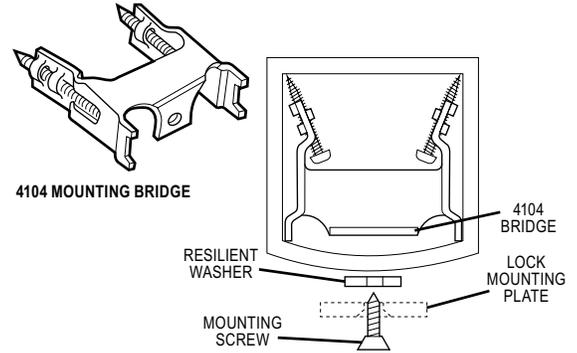


Lock Mounting Method for Wood Doors

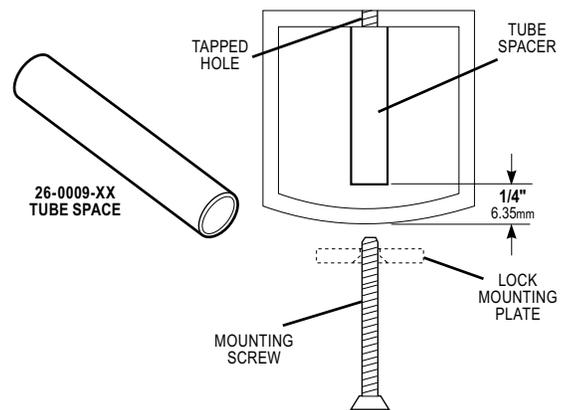
A stepped mortise cutout is required in wood door installations. This mortise can be accomplished most easily with a router, but hand drill and chisel methods will suffice for single or low volume installations.



Method A



Method B



Method C

