

The TA-6400 series mortar boxes are built from 16 gauge steel and have been designed to allow the proper installation of electrified door hardware on and around architectural openings. Electric strikes, magnetic locks, door position switches, and power transfer devices all require wire terminations at the door frame.

Mortar boxes are designed to be tack-welded in place on the inside of the frame. They allow the electrician to connect conduit directly to the opening rather than “stubbing out” the conduit somewhere near the electrified hardware location.

When a TA-6400 series mortar box is used for electrified hardware, wire and hardware are protected from mortar and other in-wall hazards. The TA-6400 series mortar boxes also provide a generous cavity for the installer to push wire and connectors into the frame, allowing for future servicing of the hardware.

There are two models of mortar boxes to choose from. The TA-6410 is suitable for single pieces of electrified hardware such as electric strikes, magnetic locks, door contacts and electric hinges or other types of power transfer devices. The TA-6420 should be used for double magnetic locks or when two pieces of electrified hardware are mounted in close proximity to each other on the door frame.



TA-6420

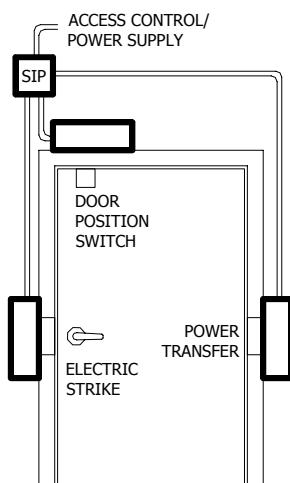


TA-6410

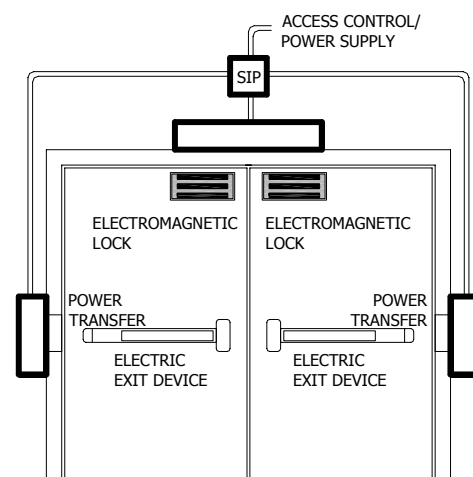


End View

Typical Mounting Locations

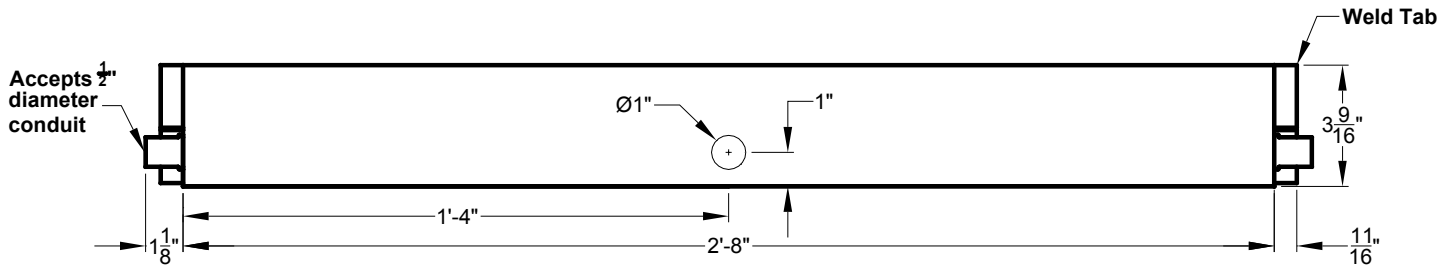


SIP - SYSTEM INTEGRATION POINT JUNCTION BOX

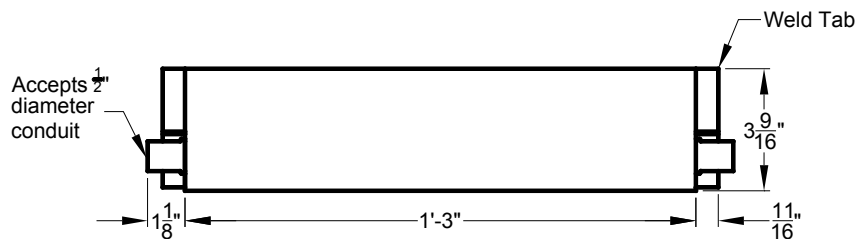


Dimensions

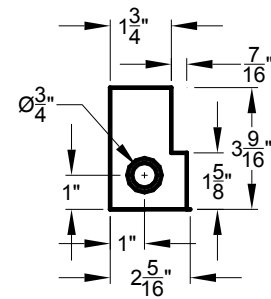
TA-6420 (Side View)



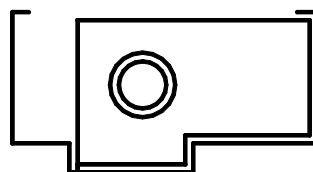
TA-6410 (Side View)



End View



Cross-Sectional View
(Installed)



Note:
Mortar box to be tack-welded
in place by the hollow metal
frame supplier.