AM SECURITY DOOR BAR

A quick, strong, and simple security barrier for your main door

Why the AM Security Door Bar Is Unique

The AM Security Door Bar is a safety barrier for main doors that is a real challenge to breach, yet it is quick and easy to use because the hinge end is always attached. The only step needed to reach the Door Secured position is to place the free end into the end bracket.

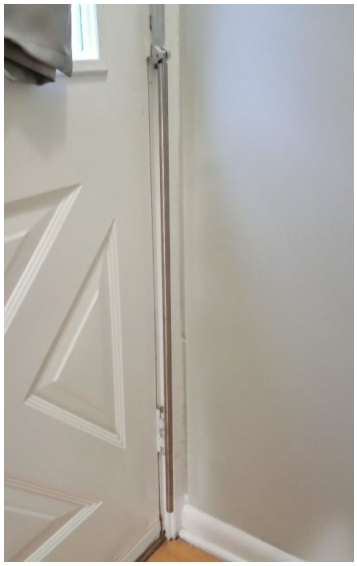


In position — bar swung across the door



Door Secured





Bar in the rest position *Normal door function*

Components

1 – 304 stainless steel bar, 41½ inches long (typically required for most 36-inch-wide doors), in either ½" or 5⁄8" diameter.

1 – Hinge Clip (aluminum) for straddling the existing door hinge.

1 – 304 stainless steel 3⁄16" hinge pin.

1 – End Bracket (aluminum) with a recessed slot to retain the bar.

3 – #8 × 4" stainless wood screws (800-plus pounds of pull strength when properly installed).

1 – ¼" wooden shim to space the aluminum holding bracket clear of standard door trim. (Additional shims, if required, are the responsibility of the purchaser.)

1 – 1⁄8" extended drill bit for pre-drilling holes.

1 – Bar Retainer package for holding the bar in the upper or lower “at rest” position.





NOTE: #8 screws are typical for connections into pine. #9 and #10 screws are better suited to denser wood such as oak.

Installation

– Remove the existing central 4-inch hinge pin on a typical home entry door.

– Position the AM Security Door Bar Hinge Clip to straddle the central hinge, in either direction.

– Install the new hinge pin provided.





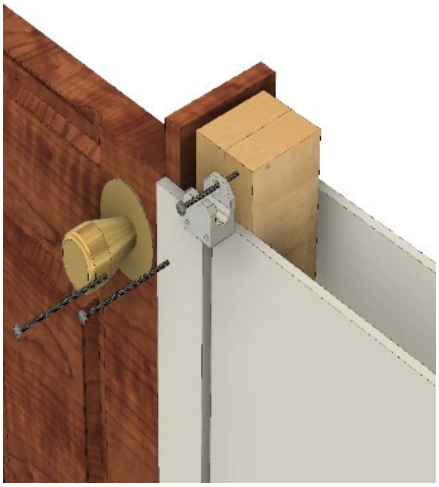
– Assess the swing positions before securing the end bracket.

The End Bracket that retains the bar has a universal profile, so it can be mounted either on the same face as the door or on a wall perpendicular to the door plane. In both options, it is the purchaser's responsibility to ensure an adequate structure exists for mounting.

Installing the End Bracket

– Hold the bar in the End Bracket position at the desired height, beside the trim or adjacent perpendicular wall, and mark the screw hole locations.

Caution! Be vigilant to prevent any electrical contact.





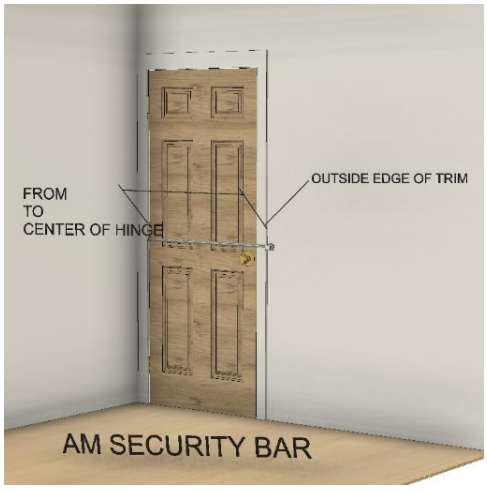
– Using the drill bit provided, drill 3½" deep at the three locations. For proper mounting, each location must hit the wall's structural framing.



- If required to clear the door trim, place a shim between the wall and the End Bracket. If additional space is needed for the bar to clear the trim, providing extra shims is the responsibility of the purchaser.
- If the door trim is wide and covers access to the dwelling structure, the trim may require notching to nest the End Bracket.
- Insert and tighten the screws.

Bar Length

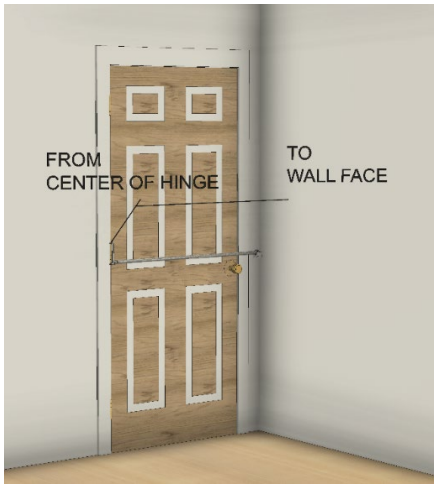
The AM Security Door Bar is designed to span standard doors up to 36 inches wide. Both installation configurations require a measurement from the door's hinge centerline to either the outside face of the trim on the opposite jamb side or the far vertical wall. Unless otherwise specified, the standard 41½-inch door bar is provided, to be trimmed as required.



Operation

At rest, the AM Security Door Bar hangs along the door's hinge line, where it is confined enough to stay out of the way and avoid binding with the door, the door jamb, or the wall. Alternatively, when the bar holder is used, the bar can be retained above the center hinge or affixed along the door or wall faces.

To use, swing the bar across the door and drop it into the End Bracket. The clearance allows an easy drop-in and easy removal. (Do not allow the bar to swing freely.)



Optional Hinge Mounting

The Hinge Clip can be positioned to let the bar swing from either the top or the bottom of the hinge, to clear door hardware.



Bar Retainer Installation (Optional Provision for Toddlers)

A retainer is provided to hold the bar above the hinge when not in use.

