

TYPE 1
Thru Bolt

The diagram illustrates the Type 1 Thru Bolt mounting. It shows a cross-section of a door with a pull handle on the outside and a finish washer on the inside. The FHMS (Finish Hardware Mounting System) is shown in the center of the door. The pull handle is labeled 'Pull' and the finish washer is labeled 'Finish Washer'. The outside of the door is labeled 'Outside' and the inside is labeled 'Inside'.

		Drill Size	
Type	Bolt Size	Wood	Metal
1	1/4 - 20	9/32	9/32
1HD	5/16 - 18	11/32	11/32

Note: Y base plates are recommended on wood or glass doors to make a stable and durable mounting.

Note: Heavy Duty (HD) mounting features hex drive for positive tightening and large overall size for superior strength. Recommended for high frequency and rough service openings.

PUSH AND PULL BAR MOUNTING DETAILS

How to Size Push Bars

Flush Doors

Door width:

- Minus 5" for bent end bars.
- Minus 5" for square end post mount bars.
- Minus 7" for round end post mount bars.

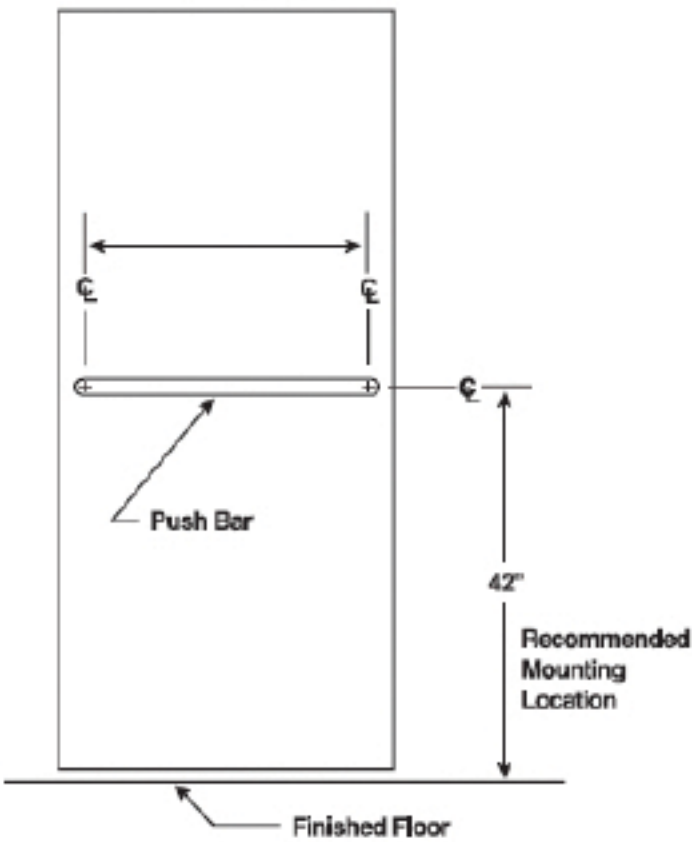
Stile and Rail Doors or Doors with Lites

Door width:

- Minus width of one stile.

CAUTION: Always confirm bars will not interfere with jamb or cause pinching hazard.

CAUTION: On narrow stile doors, be sure push bar base fits on the stile and bar does not interfere with the stop.



Handing of Doors

The handing of a door is determined from the outside of the opening.

Standing outside the door:

- If the hinges are on the right, it is a right hand door.
- If the hinges are on the left, it is a left hand door.
- If the door opens away from you, it is a regular bevel door.
- If the door opens toward you, it is a reverse bevel door.

