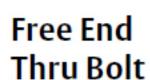
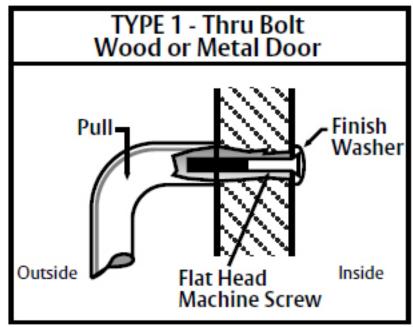


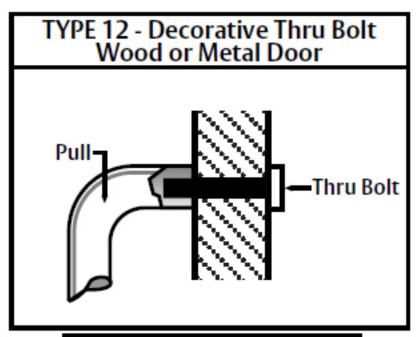
MOUNTING DETAILS

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.

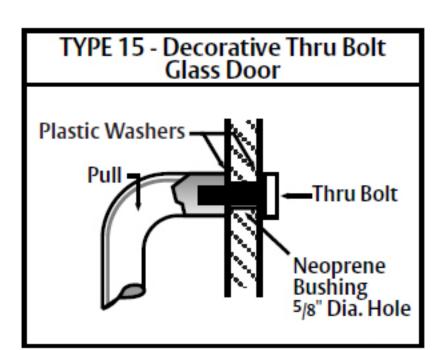




Type	Bolt Size	Drill Size
1	1/4"-20	9/32
1HD	5/ ₁₆ "-18	11/32
1XHD	3/ ₈ "-16	13/32

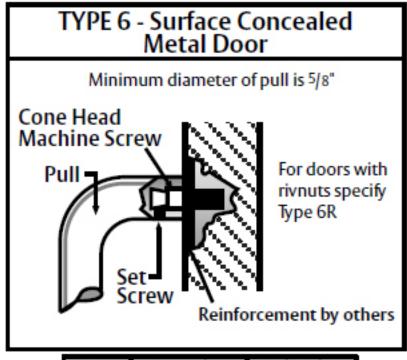


Type	Bolt Size	Drill Size
12	1/4"-20	9/32
12HD	5/ ₁₆ "-18	11/32
12XHD	3/8"-16	13/32

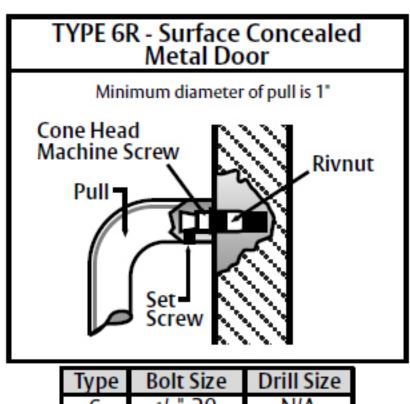


Туре	Bolt Size	Drill Size
15	1/4"-20	5/8
15HD	5/ ₁₆ "-18	5/8
15XHD	³ / ₈ "-16	5/8

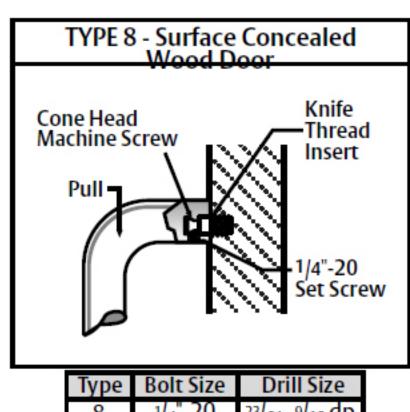
Free End Concealed



Туре	Bolt Size	Drill Size
6	1/4"-20	$\frac{1}{4}$ -20 Tap
★6HD	5/ ₁₆ "-18	5/16-18 Tap

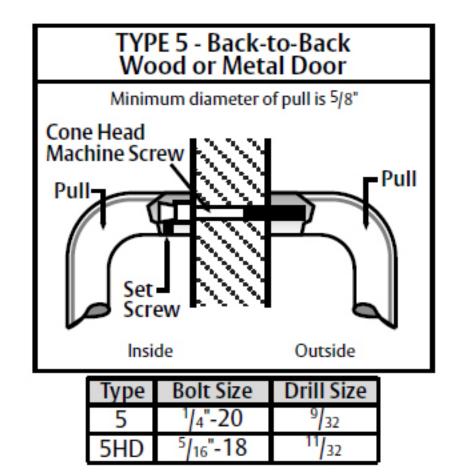


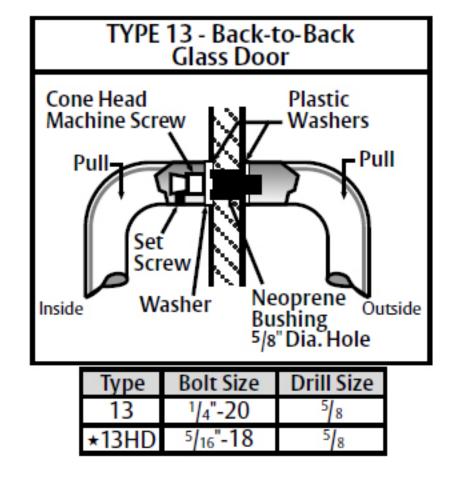




Type	Bolt Size	Drill Size
8	1/4"-20	$^{23} _{64}$ - $^{9} _{16}$ dp.
∗8HD	5/ ₁₆ "-18	7/16-9/16 dp.

Common End Back-to-Back





★HD mountings feature 2 set screws 180° apart.

NOTE: Y base plates are recommended on wood or glass doors to make a stable and durable mounting (see page 40 for details).

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

Sizing of 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

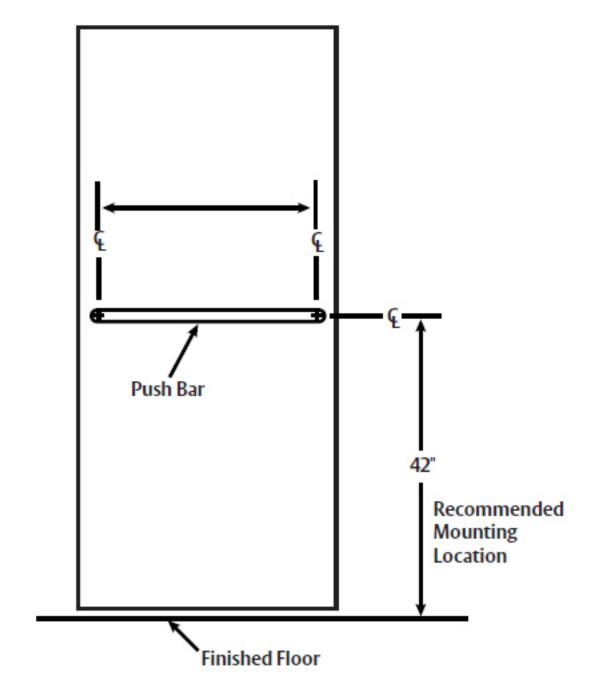
Door width: • minus width of one stile

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.

