

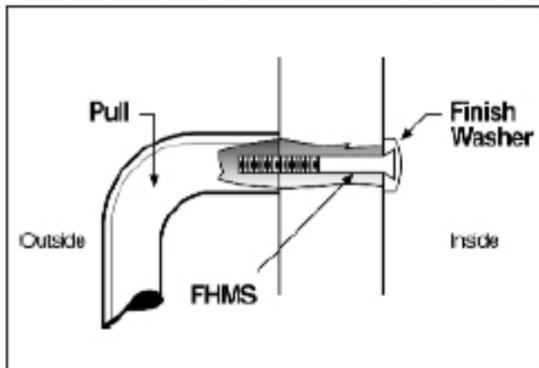
# Offset Door Pulls Mounting Details

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

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

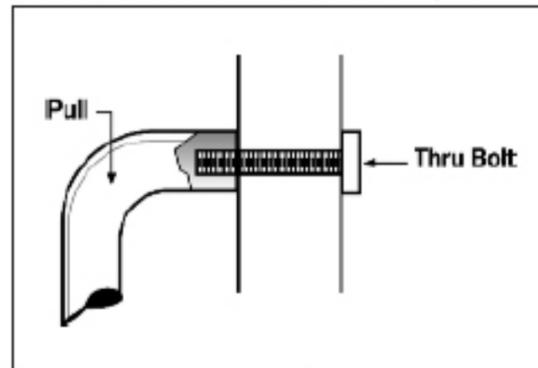
## Thru Bolt

### Wood or Metal Door - Type 1



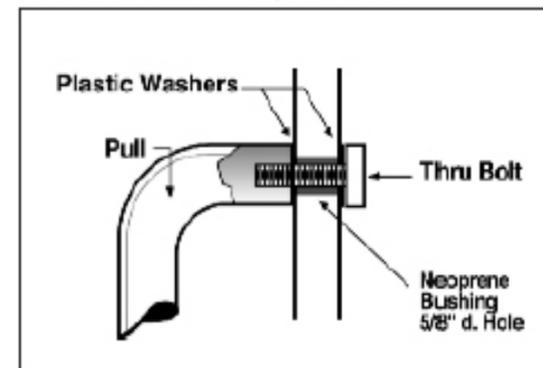
		Drill Size	
Type	Bolt Size	Wood	Metal
1	1/4 - 20	9/32	9/32
1HD	5/16 - 18	11/32	11/32
1XHD	3/8 - 16	13/32	13/32

### Wood or Metal Door - Type 12



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

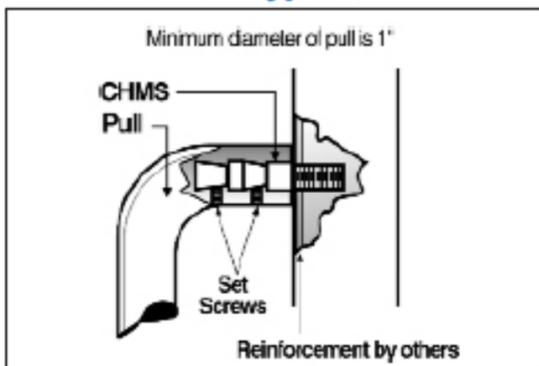
### Glass Door - Type 15



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

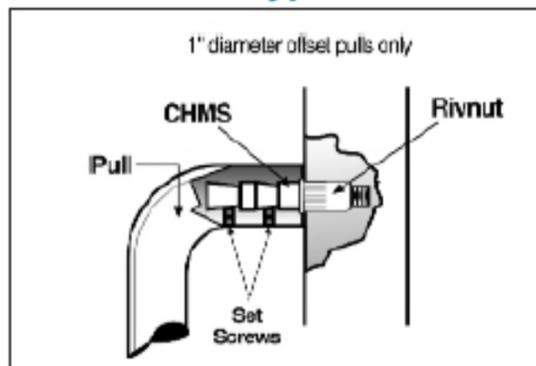
## Concealed

### Metal Door - Type 17



		Drill Size
Type	Bolt Size	Metal
17	1/4 - 20	1/4 - 20 tap
17HD	5/16 - 18	5/16 - 18 tap

### Metal Door - Type 17R



		Drill Size
Type	Bolt Size	Metal
17R	1/4 - 20	N/A