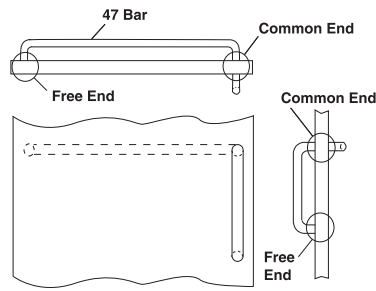


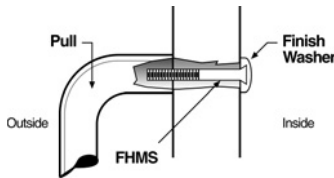
Typical Mounting



Free End Details

Thru Bolt

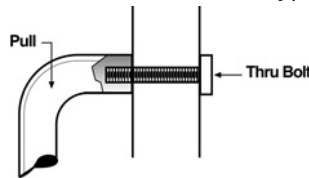
Wood or Metal Door - Type 1



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

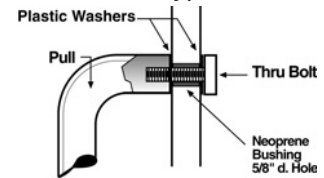
Wood or Metal Door - Type 12



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

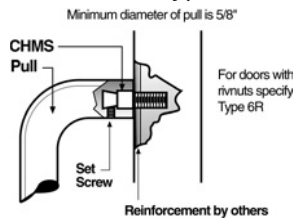
Glass Door - Type 15



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

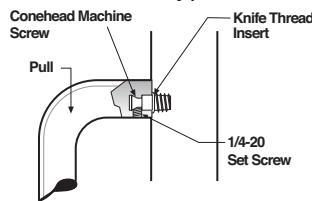
Surface Concealed

Metal Door - Type 6



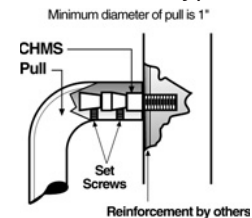
Type	Bolt Size	Drill Size - Metal
6	1/4 - 20	1/4 - 20 tap
6HD	5/16 - 18	5/16 - 18 tap

Wood Door - Type 8



Type	Bolt Size	Drill Size - Wood
8	1/4 - 20	23/64 x 9/16 dp
8HD	5/16 - 18	7/16 x 9/16 dp

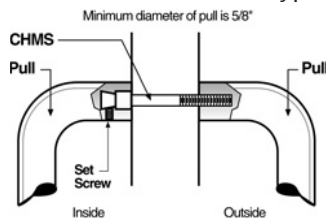
Metal Door - Type 17



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

Common End Details

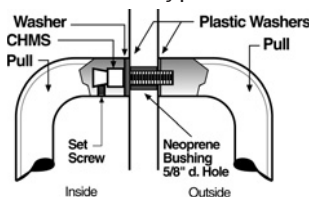
Wood or Metal Door - Type 5



Drill Size

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

Glass Door - Type 13



Type	Bolt Size	Drill Size - Glass
13	1/4 - 20	5/8
13HD	5/16 - 18	5/8

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.

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