

ARCHITECTURAL PULLS MOUNTING OPTIONS

TYPE 1 THRU BOLT WITH FINISH WASHER
(WOOD OR METAL DOORS)

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

TYPE 12 DECORATIVE THRU BOLT
(WOOD OR METAL DOORS)

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

TYPE 15 DECORATIVE THRU BOLT
(GLASS DOORS)

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

TYPE 6 SURFACE CONCEALED
(METAL DOORS W/ REINFORCEMENT)

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

TYPE 6R SURFACE CONCEALED
(METAL DOORS W/ RIVNUT)

Type	Bolt Size	Drill Size
6R	1/4-20	N/A
6RHD	5/16-18	N/A

TYPE 8 -SURFACE CONCEALED
(WOOD DOORS)

Type	Bolt Size	Drill Size
8	1/4-20	23/64"-9/16" DP
8HD	5/16-18	7/16"-9/16 DP

TYPE 17 SURFACE CONCEALED
(METAL DOORS W/ REINFORCEMENT)

MINIMUM DIAMETER OF PULL IS 1"

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

TYPE 17R SURFACE CONCEALED
(METAL DOORS W/ RIVNUT)

MINIMUM DIAMETER OF PULL IS 1"

Type	Bolt Size	Drill Size
17R	1/4-20	N/A
17RHD	5/16-18	N/A

TYPE 5 BACK-TO-BACK MOUNTING
(WOOD OR METAL DOORS)

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

TYPE 9 BACK TO BACK W/PUSH PLATE
ANY TYPE DOOR

Type	Bolt Size	Drill Size
9	1/4-20	N/A

TYPE 11XHD BACK TO BACK
W/ SPANNER COLLAR
(WOOD OR METAL DOORS)

Type	Bolt Size	Drill Size
11XHD	3/8-16	13/32"

TYPE 13 BACK-TO-BACK MOUNTING
(GLASS DOORS)

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

TYPE 14XHD BACK TO BACK
(GLASS DOORS)

Type	Bolt Size	Drill Size
14XHD	3/8-16	5/8"

TYPE 16 BACK TO BACK
(WOOD OR METAL DOORS)

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

TYPE 18 BACK TO BACK
(GLASS DOORS)

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

AB4800 SERIES THRU BOLT
(WOOD OR METAL DOOR)

Bolt Size	Drill Size
3/8-16	5/8"

AB4800 SERIES BACK TO BACK
(WOOD OR METAL DOOR)

Bolt Size	Drill Size
3/8-16	5/8"

TYPE 1S THRU-BOLT WITH FINISH WASHER
SMALL POST MOUNT
(WOOD OR METAL DOORS)

Type	Bolt Size	Drill Size
1S	8-32	13/64"

TYPE 5S BACK TO BACK-SMALL POST MOUNT
(WOOD OR METAL DOORS)

Type	Bolt Size	Drill Size
5S	8-32	13/64"

TYPE 6S SURFACE CONCEALED-
SMALL POST MOUNT
(METAL DOORS W/ REINFORCEMENT)

Type	Bolt Size	Drill Size
6S	8-32	13/64"



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