

Product No.	Metal/Wood Doors			Glass Doors	
	Thru Bolt	Cncld. Or Sfc.	Back to Back	Thru Bolt	Back to Back
NeoCylinder Pulls (RM7200 series)					
RM7210 RM7212 RM7220	1HD & 12HD	6HD & 8HD	5HD	N/A	13HD (*bs.plts.)
RM7230 RM7232 RM7240	1HD & 12HD	6HD & 8HD	5HD	N/A	13HD (*bs.plts.)

NeoMitre Pulls (RM7300 series)					
RM7300 RM7302 RM7310 RM7312	1HD & 12HD	6HD & 8HD	5HD	15HD	13HD
RM7320 RM7322	1HD & 12HD	6HD & 8HD	5HD	15HD	13HD
RM7330 RM7340 RM7350	1HD & 12HD	6HD & 8HD	5HD	N/A	13HD
RM7400 RM7402 RM7410	1HD & 12HD	6HD & 8HD	5HD	15HD	13HD
RM7412 RM7420 RM7422	1HD & 12HD	6HD & 8HD	5HD	15HD	13HD
RM7430 RM7440 RM7450	1HD	6HD & 8HD	5HD	N/A	13HD

GeoMetek Pulls (RM7700-RM7900 Series)					
RM7700	1 & 12	6 & 8	5	N/A	13 (*bs.plts.)
RM7800 RM7805 RM7810 RM7815	1 & 12	6 & 8	5	N/A	13 (*bs.plts.)
RM7900 RM7902 RM7910 RM7912	1 & 12	6 & 8	5	N/A	13 (*bs.plts.)
RM7907 RM7917 RM7927 RM7937	1HD & 12HD	6HD & 8HD	5HD	N/A	13HD (*bs.plts.)
RM7920 RM7925 RM7930 RM7935	1 & 12	6 & 8	5	N/A	13 (*bs.plts.)
RM7940	1HD & 12HD	6HD & 8HD	5HD	N/A	13HD (*bs.plts.)
RM7960	1 & 12	6 & 8	5	N/A	13 (*bs.plts.)

*bs. plts. (base plates) are glass mounting plates, similar to a washer and the same cross section of the post. (They are not the Y-Plates used on wood or metal doors.)

Free End Thru Bolt

TYPE 1 - Thru Bolt Wood or Metal Door		
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 Door		
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 Door		
Type	Bolt Size	Drill Size
15	1/4"-20	5/8
15HD	5/16"-18	5/8
15XHD	3/8"-16	5/8

Wire or Small Post Mount Pull Mounting

TYPE 5S - Back-to-Back Wood or Metal Door		
Type	Bolt Size	Drill Size
5S	#8-32	13/64

NOTE: This mounting should only be used on pulls with mounting points that are 1/2" in diameter.

RM4800 Mounting Only

RM4800 Series - Thru Bolt Wood or Metal Door	
Bolt Size	Drill Size
3/8"-16	5/8

RM4800 Series - Back-to-Back Wood or Metal Door	
Bolt Size	Drill Size
3/8"-16	5/8

Free End Concealed

TYPE 6 - Surface Concealed Metal Door

Minimum diameter of pull is 5/8"

Cone Head Machine Screw
Pull
Set Screw
Reinforcement by others

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 Door

Minimum diameter of pull is 1"

Cone Head Machine Screw
Pull
Set Screw
Rivnut

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

TYPE 8 - Surface Concealed Wood Door

Cone Head Machine Screw
Pull
Knife Thread Insert
1/4"-20 Set Screw

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 Door

Minimum diameter of pull is 1"

Cone Head Machine Screw
Pull
Set Screws
Reinforcement by others

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 Door

Minimum diameter of pull is 1"

Cone Head Machine Screw
Pull
Set Screws
Rivnut

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

Common End Back-to-Back

TYPE 5 - Back-to-Back Wood or Metal Door

Minimum diameter of pull is 5/8"

Cone Head Machine Screw
Pull
Set Screw
Inside Outside

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

TYPE 9 - Back-to-Back w/Lug Plate Any Door Type

Minimum diameter of pull is 5/8"

Cone Head Machine Screw
Pull
Set Screw
Push Plate (1/8" Min. Thick Plate)
Stud
Threaded Sleeve

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

TYPE 11XHD - Back-to-Back w/Spanner Collar - Wood or Metal Door

Minimum diameter of pull is 1"

Spanner Collar
RH Thread
Pull
Inside Outside

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

TYPE 13 - Back-to-Back Glass Door

Cone Head Machine Screw
Pull
Set Screw
Plastic Washers
Washer
Neoprene Bushing 5/8" Dia. Hole
Inside Outside

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

TYPE 14XHD - Back-to-Back Glass Door

Minimum diameter of pull is 1"

Spanner Collar
RH/LH Thread
Felt Washers
Pull
Set Screws
Neoprene Bushing 5/8" Dia. Hole

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

TYPE 16 - Back-to-Back Wood or Metal Door

1" diameter offset pulls only

Cone Head Machine Screw
Pull
Set Screws
Inside Outside

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

TYPE 18 - Back-to-Back Glass Door

Washer
Cone Head Machine Screw
Pull
Set Screws
Plastic Washers
Neoprene Bushing 5/8" Dia. Hole
Inside Outside

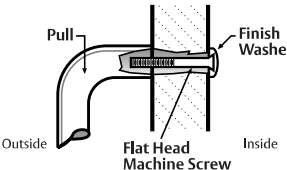
Type	Bolt Size	Drill Size
18	1/4"-20	5/8
18HD	5/16"-18	5/8

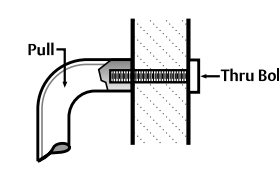
300 Main Street
Rockwood, Pennsylvania 15557
P: 800.458.2424 | F: 800.922.9212
www.assaabloydooraccessories.us | orders.rockwood@assaabloy.com

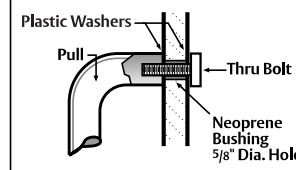
(In Canada)
Door Security Solutions Canada
160 Four Valley Drive
Vaughan, ON L4K 4T9
P: 800-461-3007
www.assaabloy.ca

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.

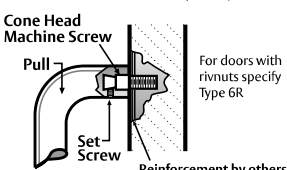
Free End Thru Bolt

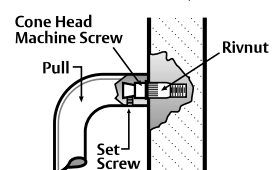
TYPE 1 - Thru Bolt Wood or Metal Door			
			
Type	Bolt Size	Drill Size	Price
1	1/4"-20	9/32	Incl.
1HD	5/16"-18	11/32	16.30
1XHD	3/8"-16	13/32	23.90

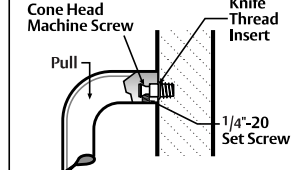
TYPE 12 - Decorative Thru Bolt Wood or Metal Door			
			
Type	Bolt Size	Drill Size	Price
12	1/4"-20	9/32	55.00
12HD	5/16"-18	11/32	65.00
12XHD	3/8"-16	13/32	71.00

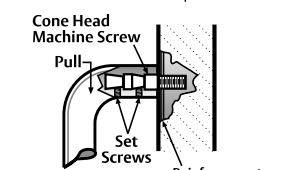
TYPE 15 - Decorative Thru Bolt Glass Door			
			
Type	Bolt Size	Drill Size	Price
15	1/4"-20	5/8	65.00
15HD	5/16"-18	5/8	77.00
15XHD	3/8"-16	5/8	83.00

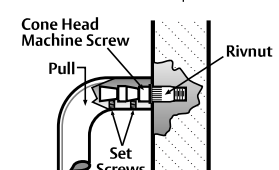
Free End Concealed

TYPE 6 - Surface Concealed Metal Door			
Minimum diameter of pull is 5/8"  For doors with rivnuts specify Type 6R			
Type	Bolt Size	Drill Size	Price
6	1/4"-20	1/4"-20 Tap	16.30
*6HD	5/16"-18	5/16"-18 Tap	24.30

TYPE 6R - Surface Concealed Metal Door			
Minimum diameter of pull is 1" 			
Type	Bolt Size	Drill Size	Price
6	1/4"-20	N/A	25.80
*6HD	5/16"-18	N/A	36.60

TYPE 8 - Surface Concealed Wood Door			
			
Type	Bolt Size	Drill Size	Price
8	1/4"-20	23/64"-9/16 dp.	21.50
*8HD	5/16"-18	7/16"-9/16 dp.	30.10

TYPE 17 - Surface Concealed Metal Door			
Minimum diameter of pull is 1" 			
Type	Bolt Size	Drill Size	Price
17	1/4"-20	1/4"-20 Tap	24.30
17HD	5/16"-18	5/16"-18 Tap	30.10

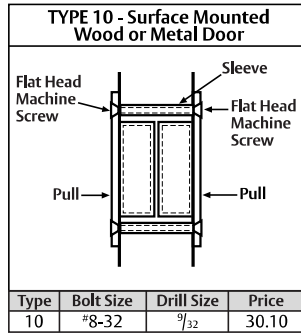
TYPE 17R - Surface Concealed Metal Door			
Minimum diameter of pull is 1" 			
Type	Bolt Size	Drill Size	Price
17R	1/4"-20	N/A	34.40
17RHD	5/16"-18	N/A	43.00

*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.

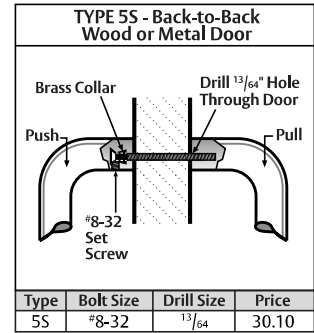
Flush Pull Mounting

Type 10 Mounting applies to the 94 Series Flush Pulls

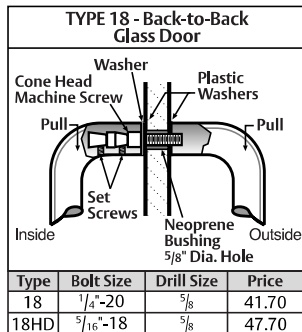
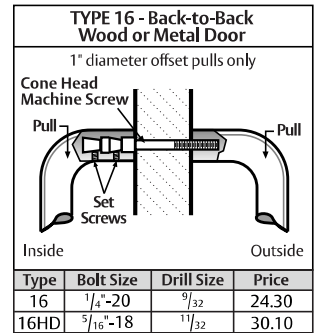
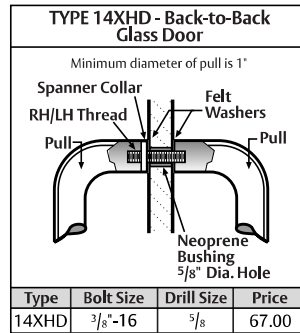
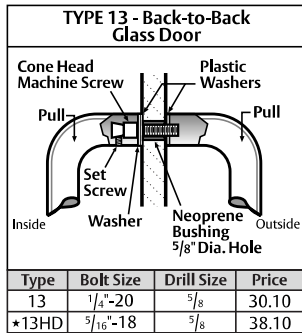
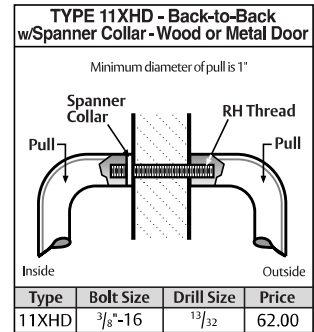
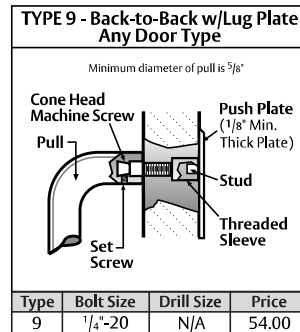
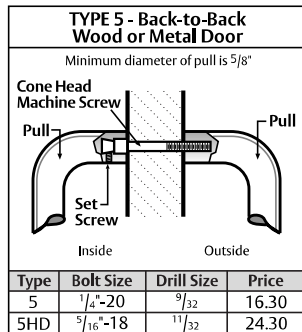


Wire or Small Post Mount Pull Mounting

NOTE: This mounting should only be used on pulls with mounting points that are $\frac{1}{2}$ " in diameter.



Common End Back-to-Back



*HD mountings feature 2 set screws 180° apart.

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