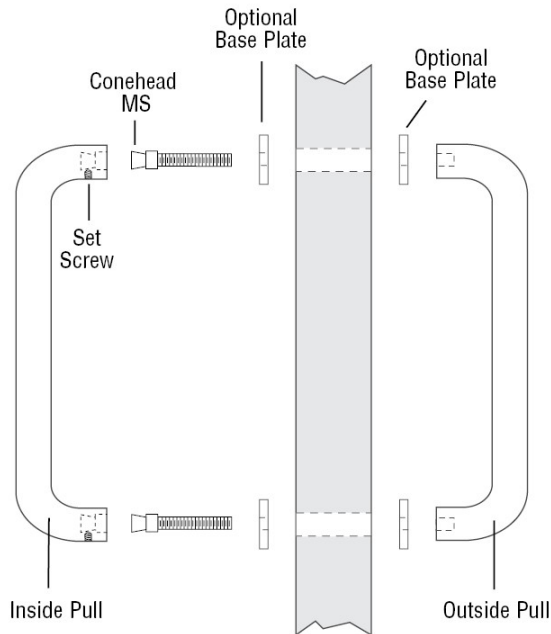




Back to Back Door Pull Mounting Instructions for Wood or Metal Doors

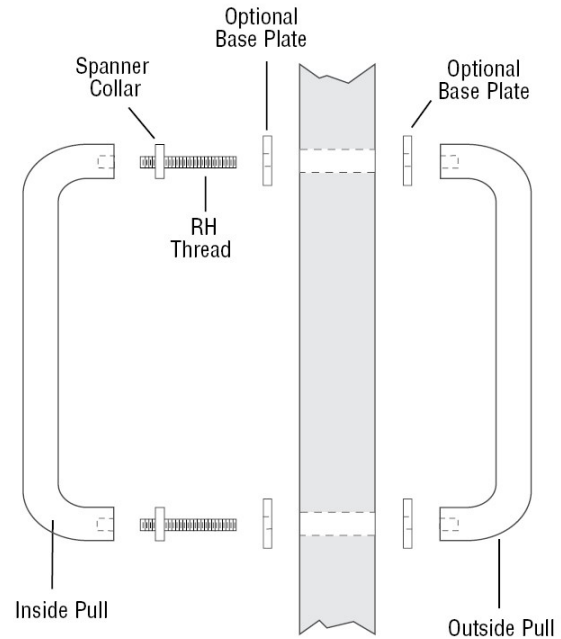


Drill Chart	
Bolt Size	Drill Size
1/4 - 20	9/32"
5/16 - 18	11/32"

Type 5 Mounting

1. Drill holes at required center to center locations using the drill size required by bolt size (see Drill Chart).
2. Insert the cone head machine screw through the push side of the door to the pull side.
3. Tighten the outside pull with the cone head bolts. Make sure the pull is properly tightened and snug to the door face. The cone head bolts should be rigid before proceeding.
4. Slide the inside pull over the cone heads and hold the inside pull tight to the face of the door while tightening the set screws.

NOTE: It is imperative that the set screws are firmly tightened and that the door pull is tight against the door face so that the set screw properly engages the cone head. If vibration causes set screws to loosen, use a "Locktite" type material to prevent such action.



Type 11 Mounting

1. Make sure of proper centers of drilled holes.
2. Start the right-hand/left-hand threaded rods into one right-hand threaded pull just using enough threads to hold it in place.
3. Take the door pull, which you have started the threaded rods into, and push the bolts through the holes in door. Slip the spanner collar over the threaded rods and turn clockwise to start threads into the inside left-hand threaded door pull.
4. Start tightening handles by alternately turning rods about 1/4 turn at a time. This can be done by using an open end or adjustable wrench on the flat spot of the bolt. When the handles have been drawn together enough so that there is no longer room for the wrench to be used, then the handles can be tightened the rest of the way using a spanner wrench or an object such as a nail or drill bit that will fit in the hole in the spanner collar. Continue tightening the spanner collars by alternately turning in 1/4 turn increments until pulls are tight against the door.

NOTE: This type of mounting makes a very rigid connection but it does require care in the installation. Tolerances are tight and rods can bind easily if turned too much at a time.