## FIRE DOOR THRU-BOLT INSTALLATION

Fire Door Thru-bolts come in the following sizes:

Diameter	Length
1/4"	1-3/4"
1/4"	2"
1/2"	1-3/4"
1/2"	2"

The 1/4" thru-bolt can be used to fill a hole or penetration up to 1/4 inch in diameter. If the hole is smaller than 1/4", it will need to be pre-drilled to 1/4" so the thru-bolt fits correctly. The same principle applies for the 1/2" thru-bolt.

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After the hole or penetration is pre-drilled to the correct size, clean any debris or residue from the door.

Depending on how thick the door is, choose the correct length thru-bolt for that particular door.

Insert the female portion of the thru-bolt into the hole on one side of the door, then insert the male portion into the other side. Tighten the thru-bolt with a hex allen wrench.

Do not over tighten the thru-bolt, as this could indent the fire rated door.

After installation, the heads of the thru-bolts on both sides of the door can be painted if preferred.



