

When fire doors are installed on non-masonry walls, the type of jambs inside the wall which support the door, and the method of attachment of the door to the wall, are subject to special requirements in accordance with the listing/approval of the door.

**Model SL, ML or HL Fire Doors
Model IL Insulated Fire Doors**

OPENING WIDTH	METAL STUD	WOOD STUD	STEEL TUBE
to 8'-0"	(1) 16 ga. x 2 1/2" *	(2) 2" x 4"	2 1/2" x 2 1/2" x 3/16"
over 8'-0" to 14'-0"	(2) 16 ga. x 2 1/2"	(2) 2" x 4"	2 1/2" x 2 1/2" x 3/16"
over 14'-0" to 20'-0"	N/A	(1) 4" x 4"	3" x 3" x 1/4"
over 20'-0" to 28'-0"	N/A	(1) 4" x 6"	3 1/2" x 3 1/2" x 1/4"
over 28'-0" to 36'-0"	N/A	(1) 4" x 6"	4" x 4" x 1/4"
over 36'-0" to 44'-0"	N/A	(1) 6" x 6"	6" x 6" x 5/16"
over 44'-0" to 48'-0"	N/A	N/A	6" x 6" x 5/16"
over 48'-0" to 60'-0"	N/A	N/A	6" x 6" x 3/8"

* When metal studs are used, (2) 16 ga. studs are required for IL Insulated Fire Doors to 8'-0" wide.

Model CL Counter Fire Doors

OPENING WIDTH	METAL STUD	WOOD STUD	STEEL TUBE
to 7'-0"	(1) 16 ga. x 2 1/2"	(2) 2" x 4"	2 1/2" x 2 1/2" x 3/16"
over 7'-0" to 16'-0"	(2) 16 ga. x 2 1/2"	(2) 2" x 4"	2 1/2" x 2 1/2" x 3/16"

NOTES:

- 1) Above jambs are minimum requirements only – jambs and their attachments must be designed to provide proper mounting and adequate support for the size and weight of the door and its intended use.
- 2) This jamb schedule is only for jambs located inside of rated non-masonry wall construction with the fire door attached to the face of the wall or between the jambs.
- 3) Metal studs are not to be used as jambs in non-masonry wall construction rated over 2 hours.
- 4) Doors installed on non-masonry wall construction rated over 2 hours (or walls with more than 2 layers of drywall) must be attached with through-bolts unless jambs are 3/16" min. steel.
- 5) Doors larger than 300 sq. ft. installed on non-masonry wall construction with wood stud jambs must be attached with through-bolts.
- 6) When metal studs are used for between-jamb mounted doors, they must be solid studs (un-punched, without knockouts).
- 7) Number of studs and width of steel tubes may need to be increased if guides are set back from edges of opening.
- 8) Door width may need to be increased for proper location of wall bolts depending on rating of wall construction and number of layers of drywall.
- 9) When jambs in existing walls are not in compliance with the above requirements, they must be replaced. As an alternative, independent tube supports provided by the fire door manufacturer as a part of the fire door assembly may be installed in front of the wall with the fire door face of wall or between jamb mounted, or guides and brackets direct attached, to the tube supports.
- 10) Consult factory if a door is to be attached to structural steel with the guides (and coil assembly) concealed inside of rated wall construction.