

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

Model SL 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 wall construction with the door attached to the outside of the wall – *consult factory if a door is to be attached to independent tube supports with the guides and tube supports in front of, or concealed inside of, rated wall construction.*
- 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.