

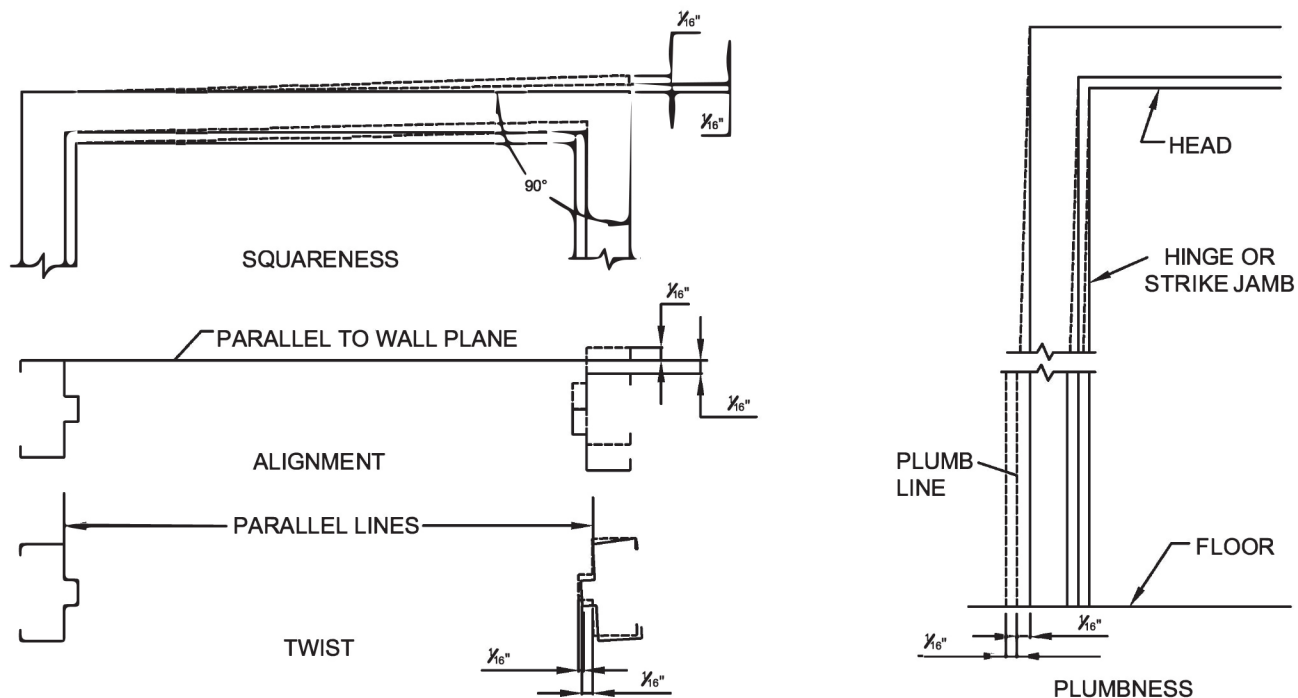
Metal Stud Construction Installation Instructions

**READ AND FOLLOW
INSTRUCTIONS CAREFULLY.**
Incorrect installation or adjustment
could cause damage or injury.

FOR STANDARD FRAMES

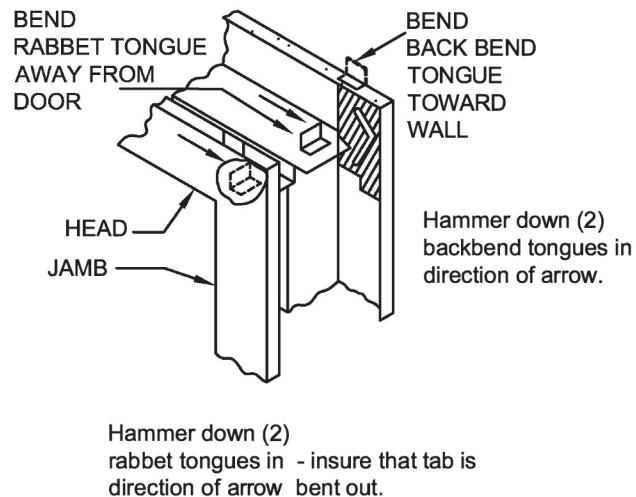
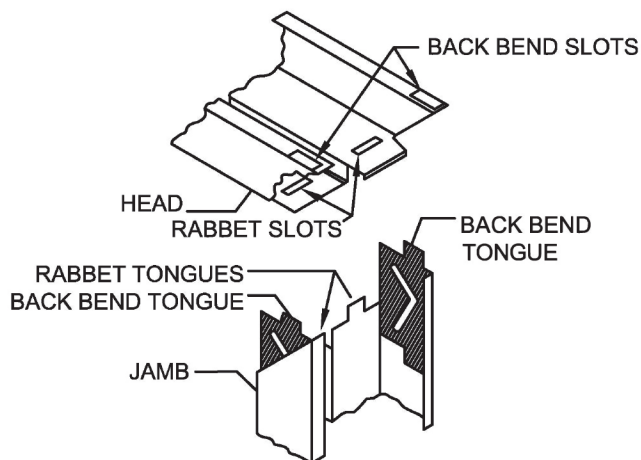
A hollow metal frame must be installed plumb, square and free from rack and twist. Secure bracing is required during installation. An improper installation will affect the performance of the door frame.

FRAME INSTALLATION TOLERANCES



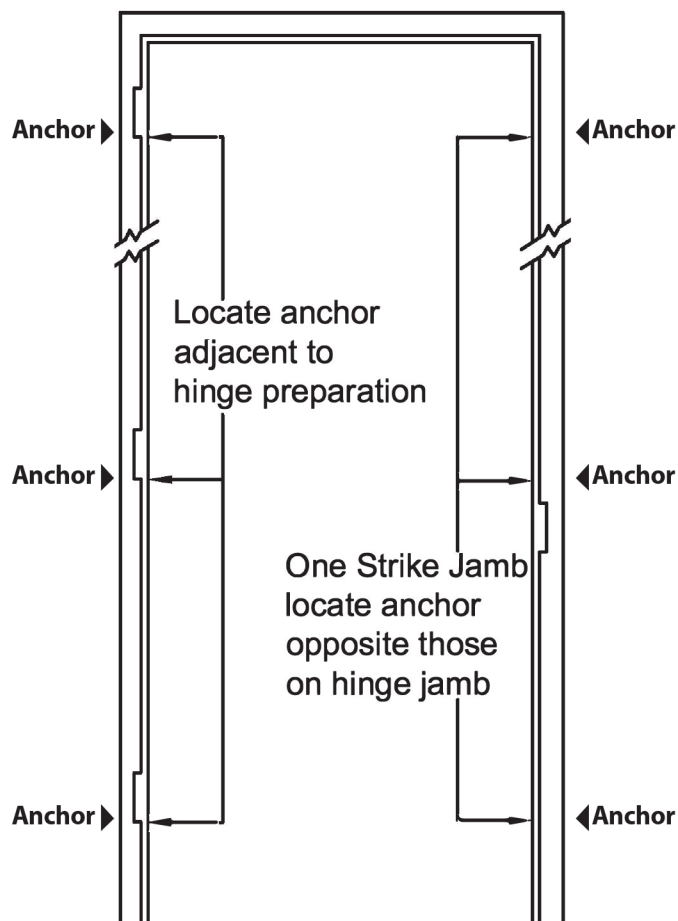
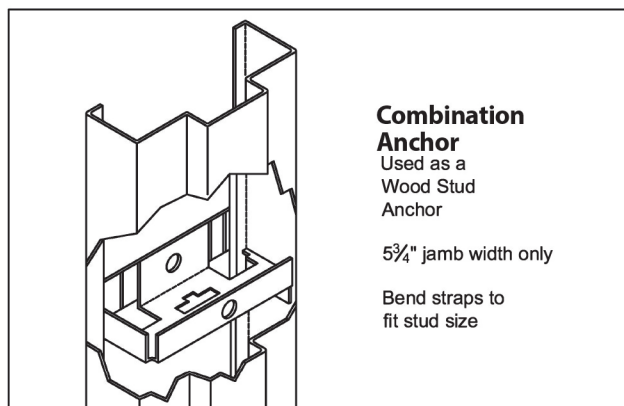
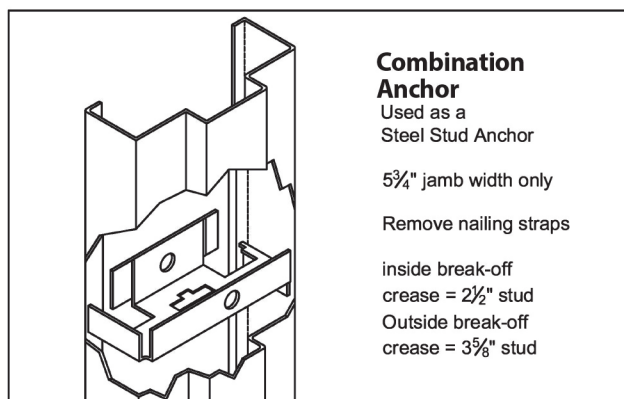
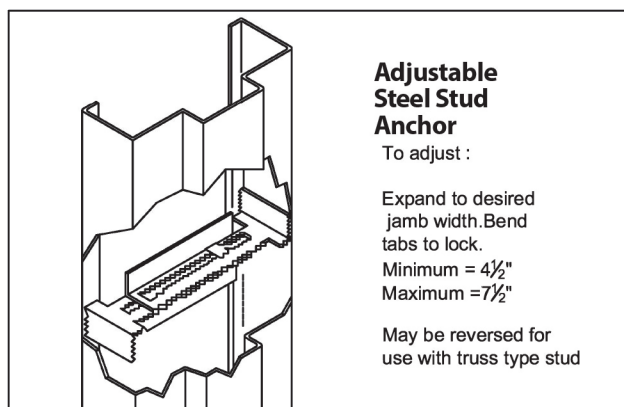
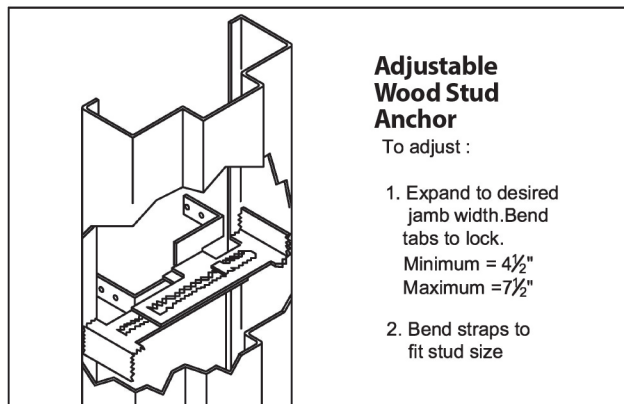
ASSEMBLY OF KNOCK DOWN FRAMES

Place the head so that the 4 tongues on jamb engage corresponding slots in head.



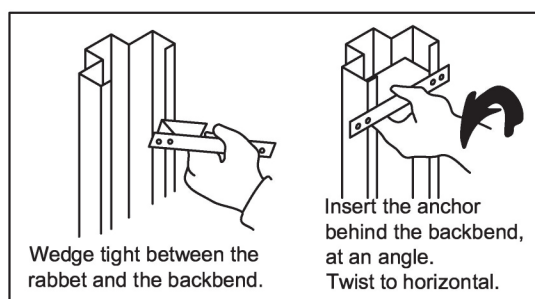
Metal Stud Construction Installation Instructions

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You will have been furnished with one(or more) of the illustrated types of loose stud wall anchors necessary for the installation of the UL listed Fire door frame provided on this job.

The frame must be accurately set and securely anchored to wall. An anchor must be used for each 30 inches of jamb height or fraction thereof. On the hinge jamb, each anchor must be located immediately above or below each hinge reinforcement. On the strike jamb anchors must be located directly opposite the anchors on the hinge jamb. Refer to N.F.P.A Pamphlet #80 or U.L.63.



Metal Stud Construction Installation Instructions

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- 1 You will have been furnished an appropriate amount of one type of steel stud wall anchors

Adjustable
Steel stud
anchor
furnished
loose



"Hat" Clip closed
stud anchor
welded to frame

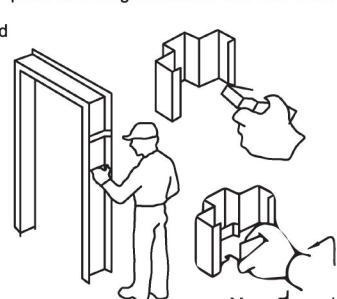
"Z" Clip
Closed stud
anchor welded
to frame

Snap off
for 2 1/2" or
3 1/2" steel
stud

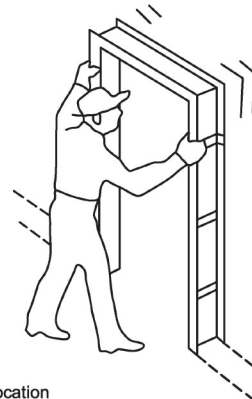
Combination
stud anchor
furnished loose.

Open stud
Anchor welded
to frame

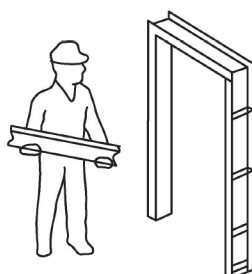
- 2 Loose anchors are installed by forcing the anchor between the inside of the rabbet and the return. Put anchor into place at an angle and twist until horizontal.



Move Frame into Location

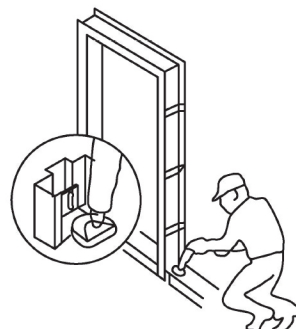


- 3 Place Wood Spreader at Sill



Note : set-up and welded frame may have a spreader bar welded across sill. Remove spreader bar and discard. Do not rely on spreader bar as an accurate jig.

4



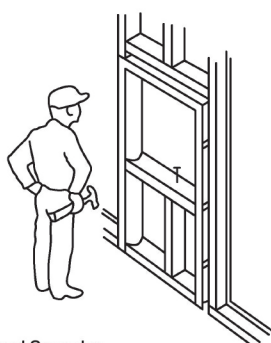
Shoot Floor Knee

5



Set Floor
Runner Channels
and Install Steel
Stud Channels

6



Add Wood Spreader
at Center of Frame

7



Plumb Jamba

8

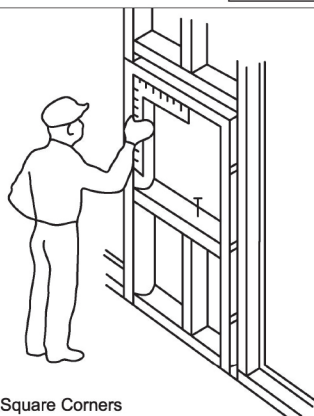


Level Head



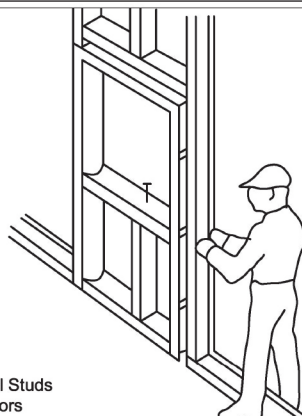
Care should be taken to insure the frame is absolutely plumb and square. An improper frame installation will effect the performance of the opening.

9



Square Corners

10



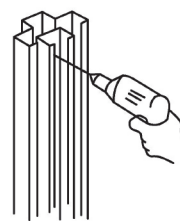
Attach Steel Studs
to Anchors

10A



Open Stud
Wired
to Anchor

10B



Closed Stud
Screwed
to Anchor