

STANDARD STEEL FRAMES

SPECIFICATIONS

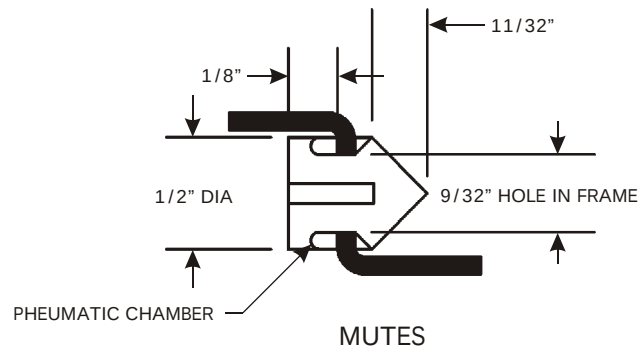
MESKER STANDARD STEEL FRAMES

1. Frames shall be manufactured by Mesker Door Incorporated and designated as F-416 (16 GA) or F-414 (14 GA) for 1 3/4" doors, F-412 for Bullet Resistant Frames and F-816 (16 GA) for 1 3/8" doors.
2. Frames shall be fabricated from cold rolled or A60 galvanized steel.
3. Frames shall be furnished knocked down. Mitered corners shall have a strong four tab interlocking system to maintain tight fineline miters.
4. Frames for 1 3/4" doors shall be prepared for a 4 1/2" x 4 1/2" standard or heavy weight template hinges and ANSI 115.1 universal strike.
5. Frames for 1 3/8" doors shall be prepared for 3 1/2" x 3 1/2" standard weight template hinges and ANSI 115.3 cylindrical strike.
6. Frames are standard with 7 gauge hinge reinforcements.
7. Frames shall be adequately reinforced for all hardware.
8. Strike and hinge reinforcements shall be protected by plaster guards.
9. Frames shall be supplied with 1 sill anchor.
10. Frames shall be furnished with rubber mutes, three per strike jamb.
11. Frames shall receive 1 coat of baked-on rust inhibitive gray primer.
12. For installation instructions see ANSI A250.11-2001.

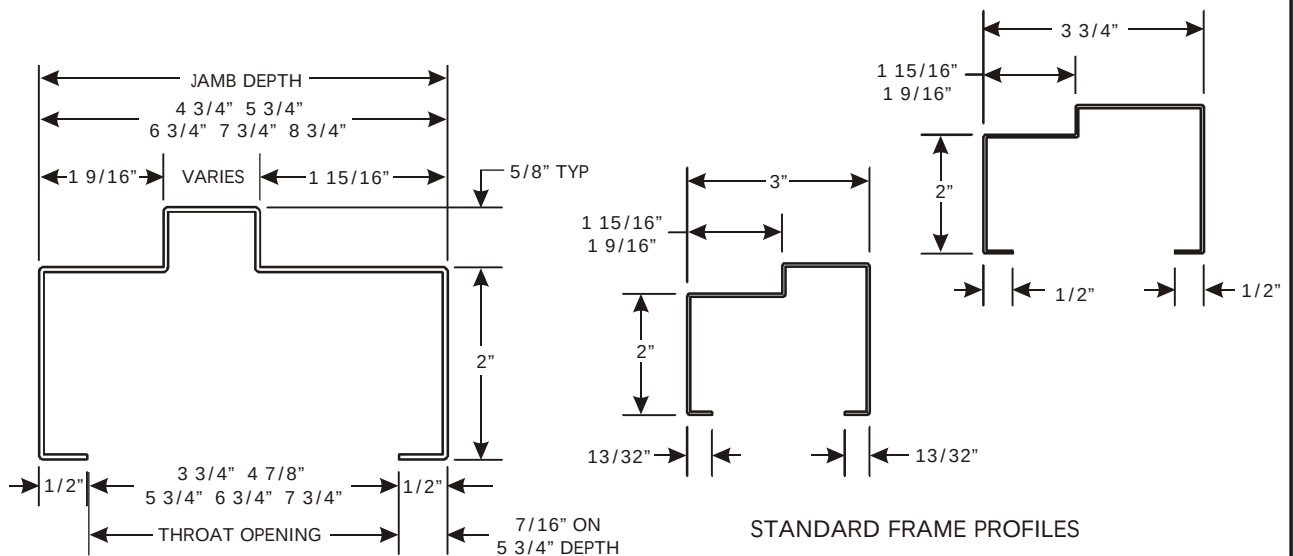


TECHNICAL DATA SHEET

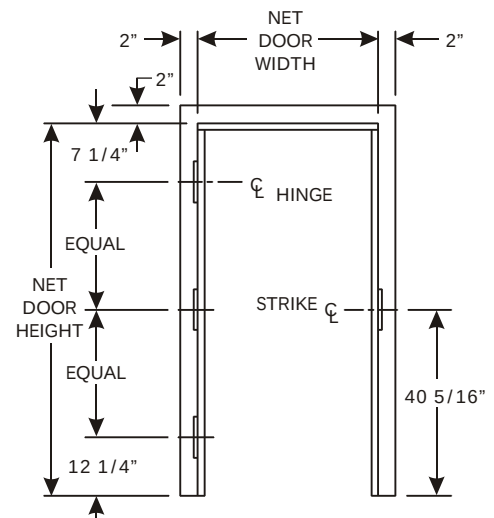
DS-201-2



TO INSTALL IN FIELD INSERT BLUNT END OF 3/32" DIAMETER WIRE OR TOOL INTO THE HOLE IN CENTER OF THE MUTE. MOISTEN CONE PORTIONS AND INSERT INTO 9/32" HOLE IN STOP OF FRAME, PUSH SLOWLY WITH A CIRCULAR MOTION TO ELONGATE CONICAL PORTION SUFFICIENTLY TO SET MUTE IN PLACE.



FINISHED OPENING HEIGHT	FINISHED OPENING WIDTH		FRAME DIMENSIONS	
	SINGLE	DOUBLE	JAMB DEPTH	THROAT OPENING
6'-8"	2'-0"	4'-0"	3"	2 3/16"
	2'-4"	4'-8"		2 3/4"
	2'-6"	5'-0"	3 3/4"	2 3/4"
	2'-8"	5'-4"	4 3/4"	3 3/4"
	3'-0"	6'-0"	5 3/4"	4 7/8"
7'-0"	2'-8"	5'-4"	4 3/4"	3 3/4"
7'-2"	3'-0"	6'-0"	5 3/4"	4 7/8"
8'-0"	3'-6"	7'-0"	7 3/4"	6 3/4"
	3'-8"	7'-4"	8 3/4"	7 3/4"
	4'-0"	8'-0"		



Issue Date: January 2002



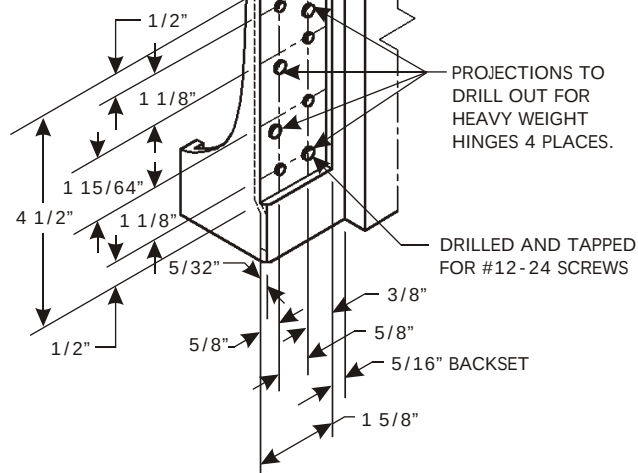
MESKER

TECHNICAL DATA SHEET

DS-201-3

HINGE PREPARATION
WILL TAKE 4 1/2" HIGH
TEMPLATE HINGES
ONLY STANDARD OR
HEAVY WEIGHT, NON-
TEMPLATE HINGES
CANNOT BE USED

#20 GAUGE PLASTER
GUARD PROJECTION
WELDED TO HINGE
REINFORCEMENT

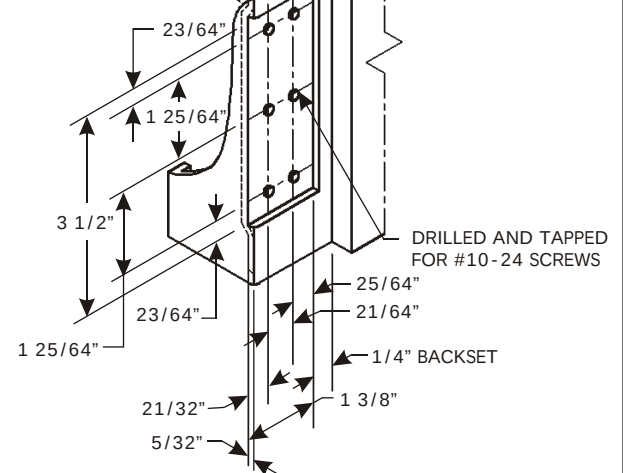


STANDARD 4 1/2" HINGE MORTISE
FOR 1 3/4" FRAMES

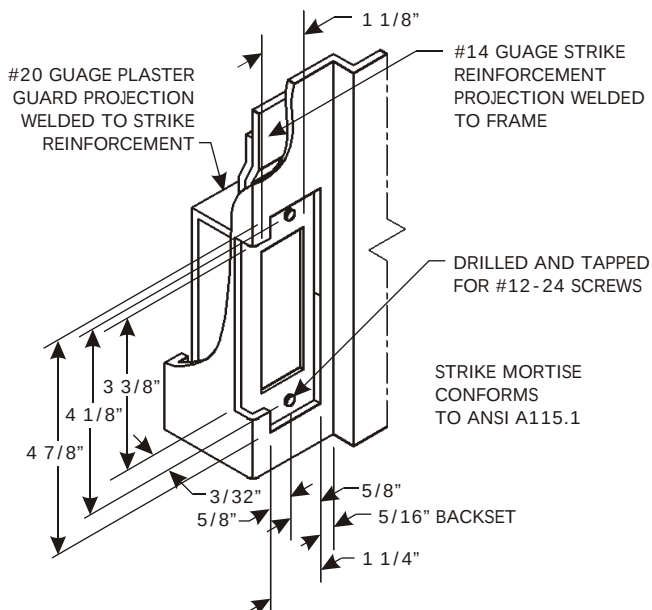
HINGE PREPARATION
WILL TAKE 3 1/2" X 3 1/2"
TEMPLATE HINGES OR
NON-TEMPLATE (S.D.I.) HINGES

#10 GAUGE HINGE
REINFORCEMENT
PROJECTION WELDED
TO FRAME

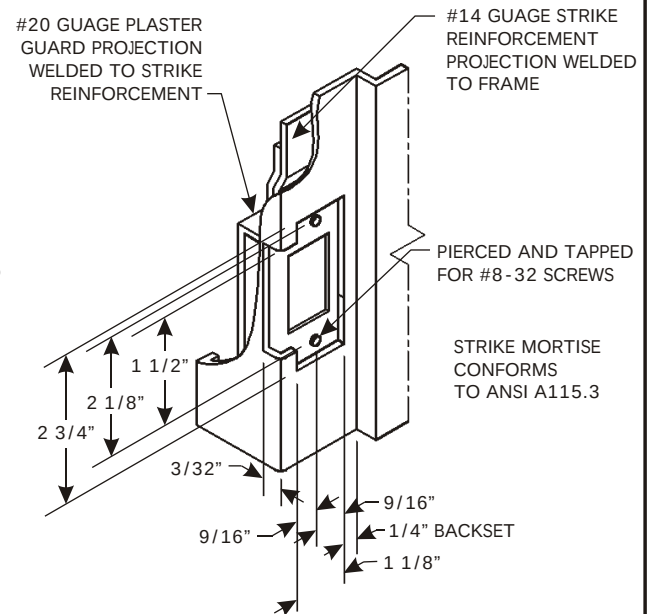
#20 GAUGE PLASTER
GUARD PROJECTION
WELDED TO HINGE
REINFORCEMENT



STANDARD 3 1/2" HINGE MORTISE
FOR 1 3/8" FRAMES



"U" STRIKE MORTISE



"C" STRIKE MORTISE

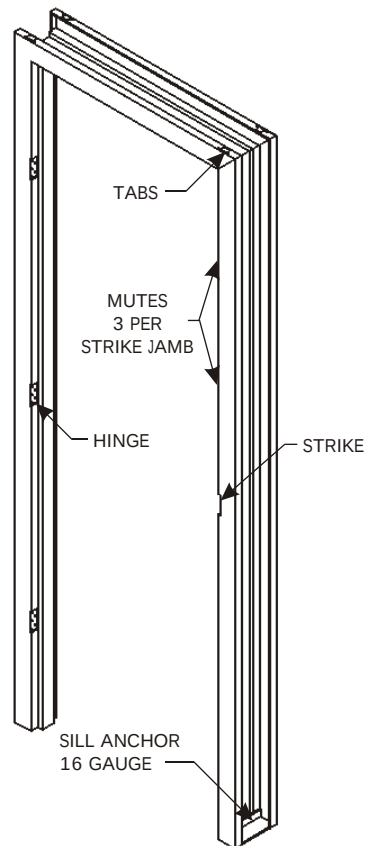


MESKER

Issue Date: January 2002

TECHNICAL DATA SHEET

DS-201-4



GENERAL INFORMATION

STRIKE PREPARATIONS

Frames are prepared for 4 7/8" high universal strike (ANSI 115.1) specify "U" and 2 3/4" high cylindrical strike (ANSI 115.3) specify "C".

HINGE PREPARATIONS

Frames for 1 3/4" doors are prepared for 4 1/2" x 4 1/2" standard or heavy weight template hinges. 1 1/2" pair on doors up to 7'-2" in height and 2 pair on 7'-10" and 8'-0".

Frames for 1 3/8" doors are prepared for 3 1/2" x 3 1/2" standard weight template hinges. 1 pair on 6'-8" doors and 1 1/2" pair on 7'-0" and 7'-2" doors. U/L labeled frames have 1 1/2" pair on all sizes.

ANCHORS

Anchors must be specified to correspond with wall condition. Details are shown on the following data sheets:

Wire Anchor - DS 246

Masonry Tee Anchor - DS 242

Wood and Steel Stud Anchor - DS 243

U/L Labeled Masonry Anchor - DS 241

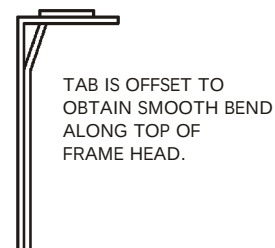
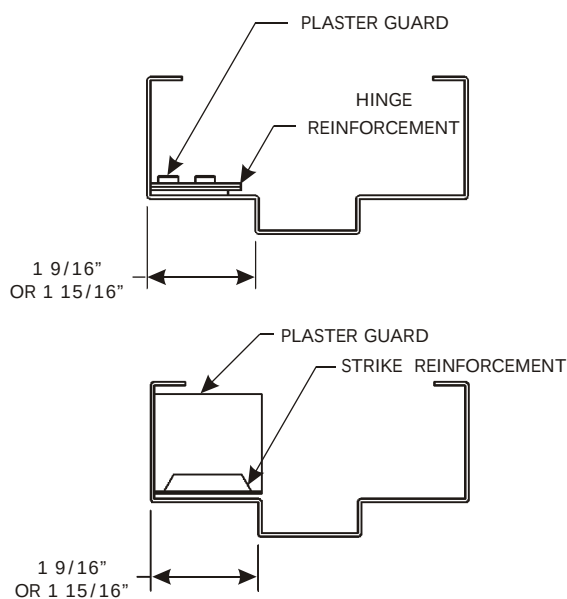
Existing Wall Anchor - DS 245

SILL ANCHORS

Each jamb is supplied with 1-16 gauge sill anchor.

MUTES

Each frame is furnished with rubber mutes. Three per strike jamb.



SECTION THRU TAB

Issue Date: January 2002



MESKER

F-SERIES ASSEMBLY INSTRUCTION

1. Slide header over jamb corner tabs, insert into slots.
2. Bend tabs on jamb rabbets out per illustration. (NOTE: Bending tabs in will increase door opening dimension.)
3. Bend corner tabs in per illustration.

