

## DJ SERIES STANDARD STEEL DRYWALL FRAMES

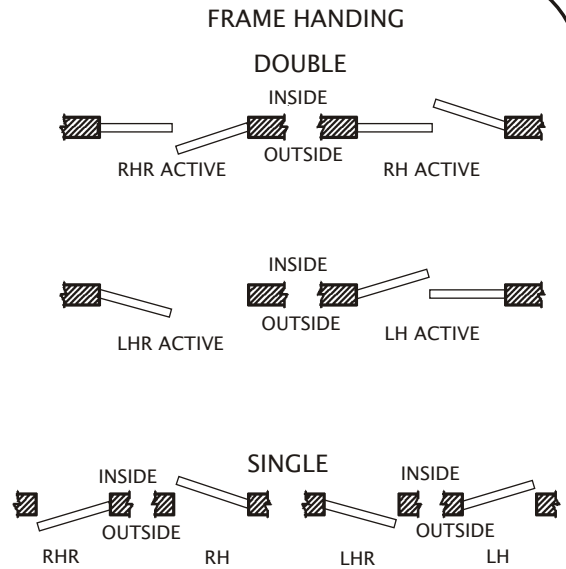
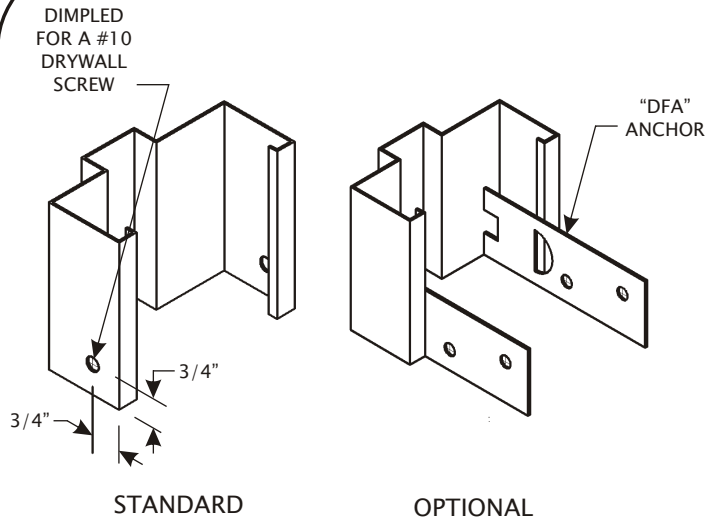
### SPECIFICATIONS MESKER STANDARD STEEL DRYWALL FRAMES

1. Frames shall be manufactured by Mesker Door Incorporated and designated as FDJ416 (16 GA) for 1 3/4" doors, and as FDJ816 (16GA) for 1 3/8" doors.
2. Frames shall be fabricated from cold rolled or A60 galvanized steel as called for on plans.
3. Frames shall be knocked down construction. Frames shall be furnished with two (2) adjustable jamb lock mechanisms. Two (2) dimpled holes at the base of each jamb to stabilize the frame at installation.
4. Frames for 1 3/4" doors shall be prepared for 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 shall be adequately reinforced for all hardware.
7. Frames shall be furnished with rubber mutes, three per strike jamb.
8. Frames shall receive 1 coat of baked-on rust inhibitive gray primer.
9. For installation instructions see DS-202-5.

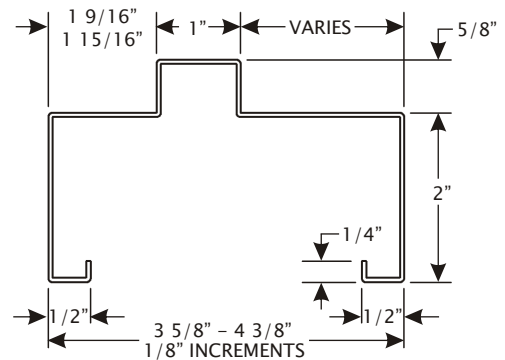
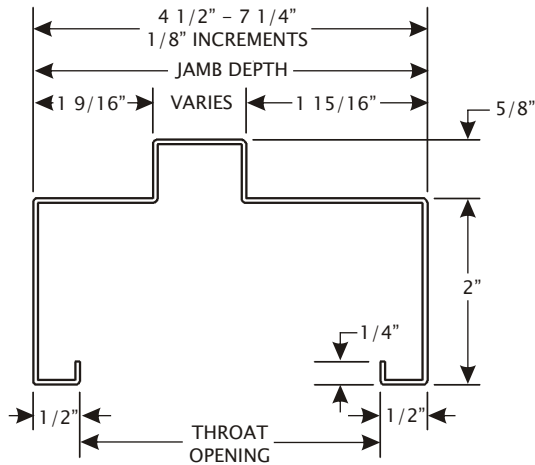


# TECHNICAL DATA SHEET

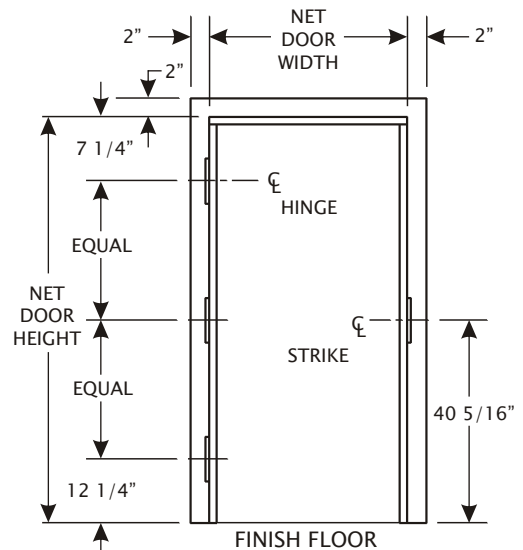
**DS-202-2**



## STANDARD FRAME PROFILES



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



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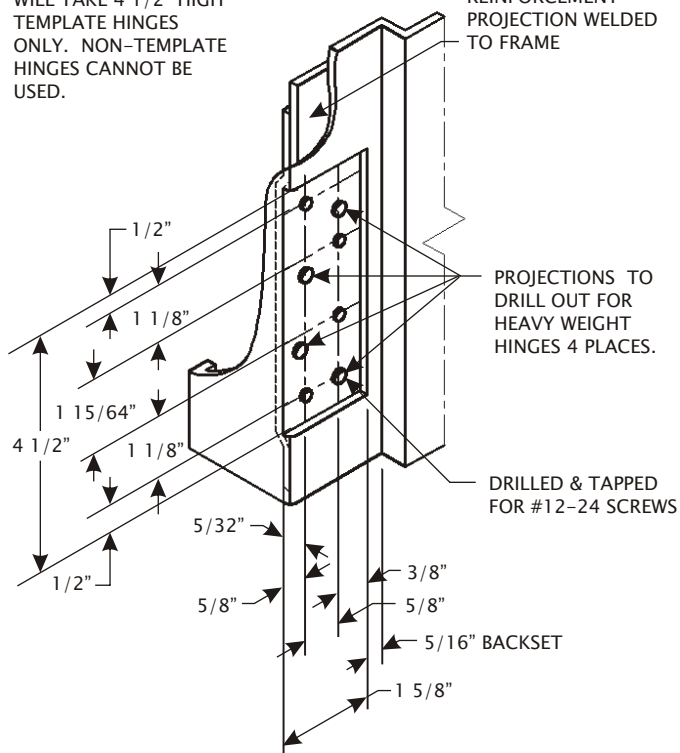
# TECHNICAL DATA SHEET

**DS-202-3**

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

HINGE PREPARATION  
WILL TAKE 4 1/2" HIGH  
TEMPLATE HINGES  
ONLY. NON-TEMPLATE  
HINGES CANNOT BE  
USED.

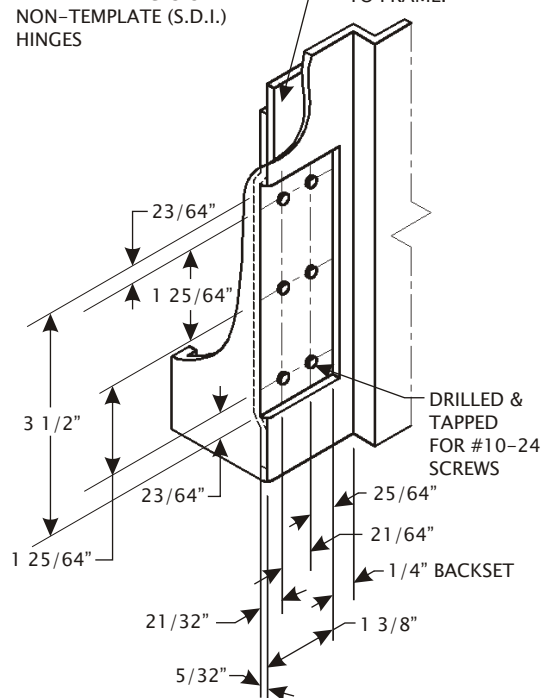
3/16 HINGE  
REINFORCEMENT  
PROJECTION WELDED  
TO FRAME



## STANDARD 3 1/2" HINGE MORTISE FOR 1 3/8" 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.



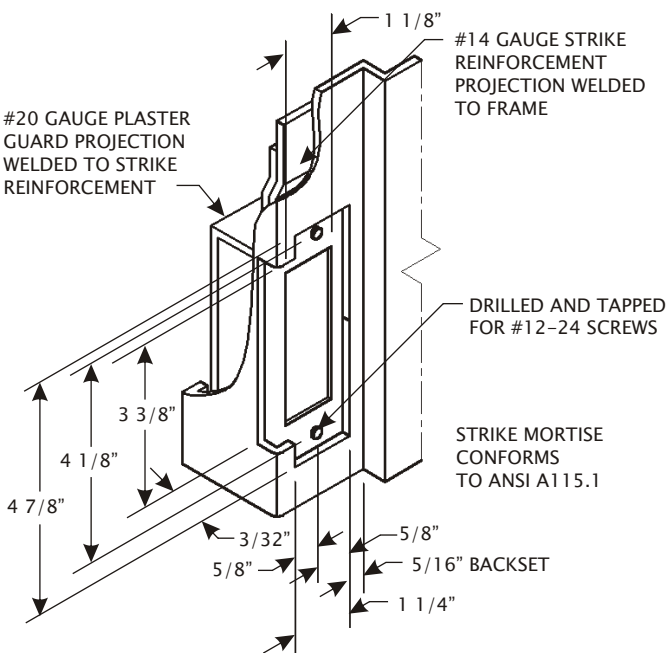
## "U" STRIKE MORTISE

#20 GAUGE PLASTER  
GUARD PROJECTION  
WELDED TO STRIKE  
REINFORCEMENT

#14 GAUGE STRIKE  
REINFORCEMENT  
PROJECTION WELDED  
TO FRAME

DRILLED AND TAPPED  
FOR #12-24 SCREWS

STRIKE MORTISE  
CONFORMS  
TO ANSI A115.1



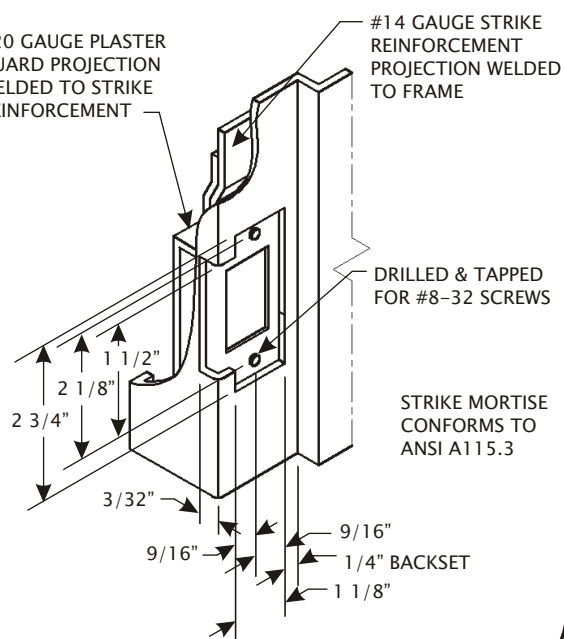
## "C" STRIKE MORTISE

#20 GAUGE PLASTER  
GUARD PROJECTION  
WELDED TO STRIKE  
REINFORCEMENT

#14 GAUGE STRIKE  
REINFORCEMENT  
PROJECTION WELDED  
TO FRAME

DRILLED & TAPPED  
FOR #8-32 SCREWS

STRIKE MORTISE  
CONFORMS TO  
ANSI A115.3



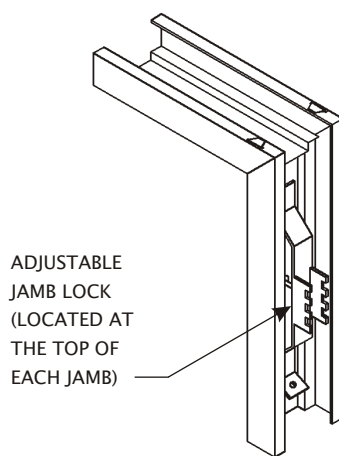
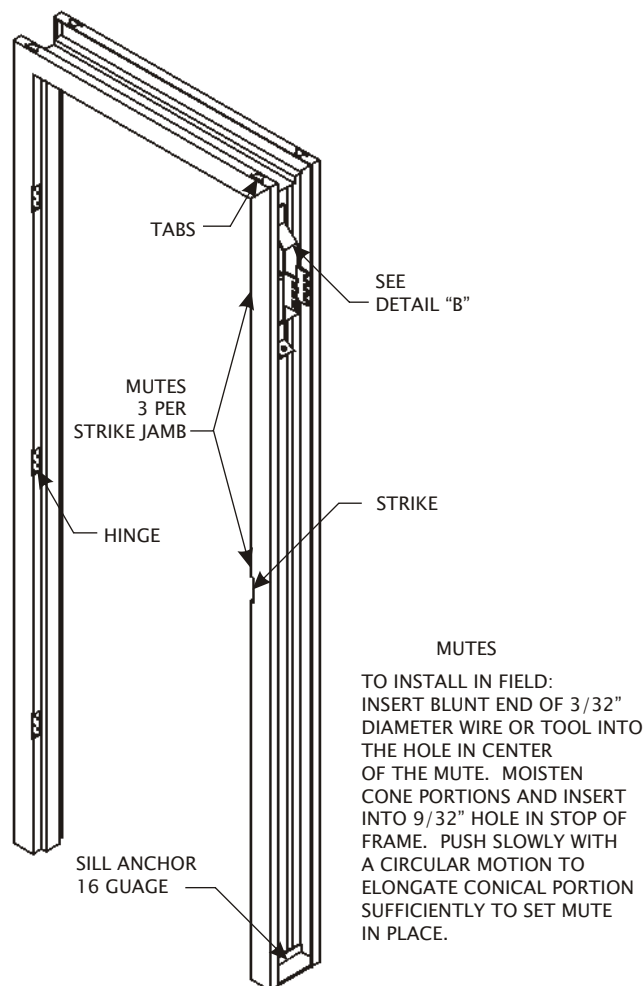
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# TECHNICAL DATA SHEET

**DS-202-4**

DETAIL "B"  
ADJUSTABLE JAMB LOCK

## GENERAL INFORMATION

**STRIKE PREPARATION** – 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 weight template hinges 1 1/2" pair on doors up to 7'2" in height. 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.

**ANCHORS** – The Mesker DJ Series Drywall Frame is stabilized with two (2) adjustable jamb locks, located near the top of each jamb. There are two (2) sill anchors available. The stocked frame has the faces dimpled for a #10 drywall screw. The "DFA" anchor can be provided as an extra cost option.

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

**ROUGH OPENING DIMENSIONS** – Add to door opening dimensions: 1 7/8" to width and 1 1/2" to height, i.e. for a 3068 door frame, the rough opening is 37 7/8 x 81 1/2".

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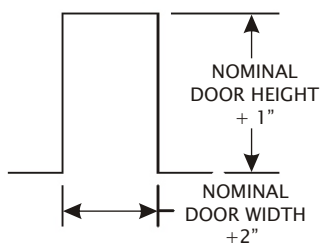
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# TECHNICAL DATA SHEET **DS-202-5**

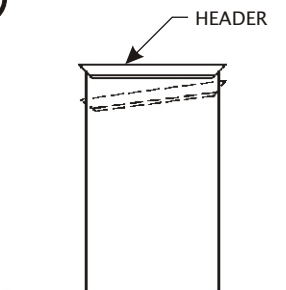
## SERIES FDJ416 DRYWALL FRAME INSTALLATION

①



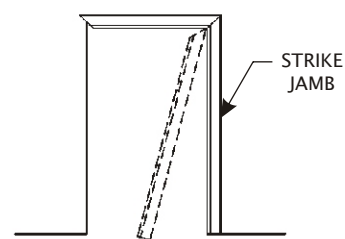
ADD TO DOOR OPENING DIMENSIONS:  
2" TO WIDTH AND 1" TO HEIGHT. FOR  
A 3068 DOOR FRAME, THE ROUGH  
OPENING IS 38" X 81".

②



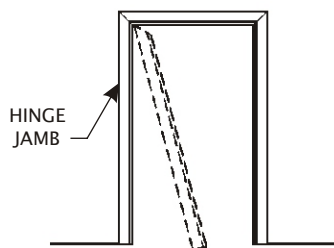
INSTALL HEADER INTO POSITION  
APPROX. 1" FROM TOP AND IN THE  
CENTER OF THE ROUGH OPENING.

③



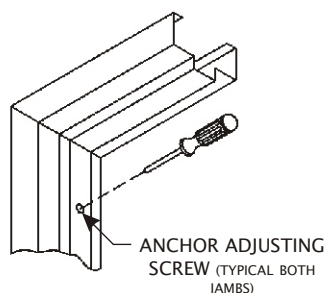
INSTALL STRIKE JAMB BY SLIDING OVER  
WALL AT TOP AND ENGAGING CORNER  
REINFORCING INTO HEADER. PIVOT  
JAMB INTO PLACE.

④



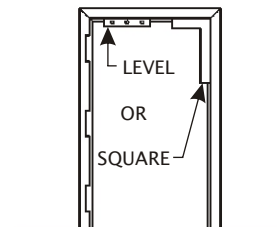
REPEAT STEP #3 WITH HINGE JAMB. PULL  
HEADER DOWN TIGHTLY ONTO JAMBS. LOCK  
HEADER AND JAMB TOGETHER BY BENDING  
OVER EXPOSED TABS.

⑤



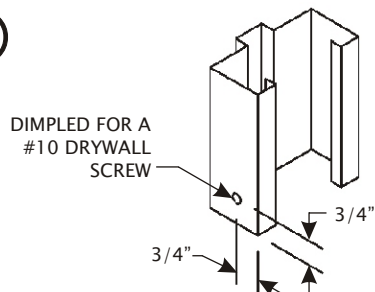
TURN ADJUSTING SCREWS IN BOTH JAMBS  
COUNTERCLOCKWISE UNTIL ANCHOR IS  
RESTING AGAINST THE WALL.

⑥



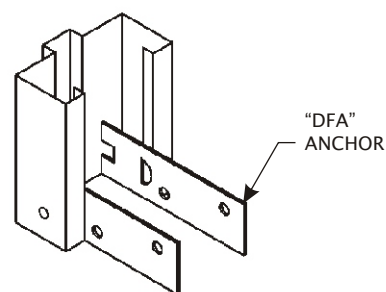
IF FEASIBLE, HANG DOOR NOW AND  
ADJUST FRAME ON WALL TO ALLOW  
PROPER DOOR/FRAME CLEARANCES OR  
PLUMB FRAME WITH CARPENTER SQUARE  
AND/OR LEVEL. (ADJUST HEADER  
LEVELNESS BY SHIMMING UNDER JAMBS.)

⑦



CHECK DOOR OPENING DIMENSION AT BASE OF FRAME  
(SAME DIMENSION AS BETWEEN JAMBS AT HEADER.) SECURE  
JAMBS WITH DRYWALL SCREW (NOT FURNISHED) THROUGH  
PUNCHED HOLE AT BASE OF FRAME. BE SURE TO ATTACH  
SCREWS ON EACH SIDE OF JAMBS (4 PLACES.)

⑦ ALT.



CHECK DOOR OPENING DIMENSION AT BASE OF FRAME (SAME  
DIMENSION AS BETWEEN JAMBS AT HEADER.) SECURE JAMBS  
WITH DRYWALL SCREWS (NOT FURNISHED) THROUGH SILL  
ANCHOR. (NOTE: SPECIFY ON YOUR ORDER IF THIS  
METHOD OF ATTACHMENT IS REQUIRED.)

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