ANSI/SDI A250.14-2023
Revision and Redesignation of
ANSI/BHMA A156.115-2016

American National Standard

Hardware Preparation in Steel Doors and Steel Frames

Standards As Tough As Steel.™

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Steel Door Institute

Approved July 28, 2023

Approved American National Standard

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Hardware Preparation in Steel Doors and Steel Frames

Secretariat

Steel Door Institute

Approved July 28, 2023

American National Standards Institute, Inc.

American National Standard

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Foreword (This Foreword is not part of American National Standard A250.14-2023)

This Standard was first published by the Door and Hardware Institute in a series of individual standards for wood and steel doors, and designated as A115. In 2001, the Builders Hardware Manufacturers Association reactivated the Joint Door and Hardware Standards Committee for the purpose of updating and promulgating the ANSI A115 standards for steel doors and frames. The development of the BHMA standard - ANSI/BHMA A156.115 Hardware Preparation in Steel Doors and Steel Frames - was a joint effort by members of the Steel Door Institute, Window and Door Manufacturers Association, Door and Hardware Institute, Hollow Metal Manufacturers Association, Builders Hardware Manufacturers Association and the Canadian Steel Door Manufacturers Association. The effort was chaired by SDI Technical Committee member Allan Ashachik.

On March 24, 2020 BHMA forfeited the maintenance of ANSI/BHMA A156.115 to SDI's Accredited Standards Committee A250 via Project Initiation Notification (PINS) form submitted to and approved by ANSI. It has since been revised and published by SDI in 2023 and is now designated as ANSI A250.14Suggestions for improvement gained in the use of this standard will be welcome. They should be sent to the Steel Door Institute, 30200 Detroit Road, Cleveland, OH 44145-1967.

The organizations that have approved this standard are part of the ANSI A250 Accredited Standards Committee, formed February 8, 1991, and are as follows:

A250 Accredited Standards Committee
Builders Hardware Manufacturers Association
Canadian Steel Door Manufacturers Association
Cedar Valley Associates
D.H. Pace Company
Door Control Services
ESTM Technical Services, LLC
HMMA/Division of NAAMM
Intertek
MasterSpec
Ray and Associates
Steel Door Institute
UL Solutions
Vetrotech/Saint-Gobain

The Technical Committee of the Steel Door Institute, which developed this standard, had the following personnel at the time of approval:

Craig Ordmandy, *Chairman*
J. Jeffery Wherry, *Manager*

Organization Represented	*Name of Representative*
Allegion	Tim Weller
Builders Hardware Institute	Michael Tierney
Canadian Steel Door Manufacturers Association	Mike van Geyn
Ceco Door Products	Dwayne Charlton
Cedar Valley Associates	Stan Horsfall
Curries Company	David Bill
Deansteel	Claus Heide
De La Fontaine Industries, Inc.	René Bouchard
DCI	Henry Ray
D.H. Pace	Jerry Rice
Door Control Services	Craig Ordmandy
ESTM Technical Services, LLC	Michael Kolovich
Hollow Metal Xpress (HMX)	Adam Matusz
HMMA/Division of NAAMM	Russell Tauscher
Intertek	Justin Hendricks
MasterSpec	Rick Howard
Mesker Door	Mike Mehaffy
MPI	David McConnell
Pioneer Industries	Kamal Sheikh
Premier Steel Doors & Frames	Joey Meggs
Ray and Associates	Ron Ray
Republic Doors and Frames	Marilyn Latham
Steel Door Institute	J. Jeffery Wherry
Stiles Custom Metal	Steve Stiles
UL Solutions	Michael Nicasio
Vetrotech/Saint-Gobain	Kevin Norcross

American National Standard

Hardware Preparation in Steel Doors and Steel Frames

1. Scope and Purpose

1.1 This standard covers all significant dimensional attributes for mounting common hardware products in steel doors and frames. All dimensions shall be as shown on the accompanying drawings.

1.2 This standard was developed to show only the most commonly used preparations for door hardware, and provide targets for standardization. Where multiple configurations are in common usage, separate drawings are provided. For other configurations, it is recognized that these standards may be used in part, or with exceptions, while still providing some degree of basic guidance and standardization.

2. General Requirements

2.1 Preparations covered by this standard are intended for use in doors 1-3/4 inches and 1-3/8 inches in thickness unless otherwise specified.

2.2 The center line of the lock in the door shall be located in reference to the center line of its strike.

2.3 Location of operable parts in accessible openings shall be between 34 and 48 inches unless otherwise specified. Consult local building codes and Authority Having Jurisdiction for exceptions.

2.4 Door Edge - Doors shall be furnished with a beveled lock edge unless otherwise specified.

2.5 Door Reinforcement - Doors shall be reinforced to support the requirements of the hardware application**.**

2.6 Tolerances for preparations are shown on individual drawings.

3. Definitions

3.1 Bored Locks Bored lock is used herein to designate locks having cylindrical shaped bodies which are mounted in holes bored in the door.

3.2 Dead-latch A spring-bolt latch in which the bolt is deadlocked against end pressure but may be retracted by either the knob or key.

3.3 Door Edge The vertical surfaces of a door to which hinges, locking or latching hardware is attached.

3.4 Beveled Edged A vertical door edge having a 1/8” in 2” slope from a plane perpendicular to the pull-side face of the door.

3.5 Door Face Surface of the door exposed to view when the door is closed.

3.6 Face Cut Out A piercing of the door face for hardware, lites, louvers or accessories.

3.7 Flush Bolt A locking device for the inactive leaf of a pair of doors that latches and unlatches either automatically or manually

3.8 Frame Frame is that portion of an opening which gives a finished appearance to a cutout in a wall and provides a square and plumb opening on which to hang a door.

3.9 Grout Guard A metal cover attached to a frame behind reinforcement for mortised or recessed hardware items, to prevent grout from entering the mounting holes. Also referred to as Dust Cover Guard, Masonry Guard, Mortar Guard, or Plaster Guard.

3.10 Head Horizontal frame member atop of opening or top of transom frame.

3.11 Hinge Face That face of the door viewed when observing the hinge knuckles on the door and frame.

3.12 Interconnected Lock A mechanically interconnected locking mechanism having a separate latch bolt or dead locking latch bolt and dead bolt designed for installation in round bored openings in the edge and face of a door.

3.13 Junction Box A metal cover provided to allow for the connection or termination of electrified hardware component wiring.

3.14 Lock Backset The horizontal distance from the door edge centerline measured at the door thickness, to the centerline of the lock hub or cylinder.

3.15 Lock Case The main body of a mortise lock containing the working mechanism which operates the latch bolt and deadbolt.

3.16 Lock Front A plate fastened to the edge of a door through which the bolt(s) pass.

3.17 Strike A mortised or surface mounted plate fastened to the door frame into which the bolts project.

3.18 Lock Support Component inside the door used to keep the hardware in alignment.

3.19 Mortise Lock A lock or latch fitting into a mortised cavity prepared in the edge of a door. The bolts are operated by knobs, levers, turns, thumb pieces, paddles or cylinders engaging the mortise lock or latch through holes prepared in the faces of the door.

3.20 Open Back Strike A lock strike for use on pairs of doors permitting the inactive leaf to be opened or closed independently, eliminating the need for an astragal or coordinator.

3.21 Preassembled Lock A lock fitting into a notched cutout in a door.

3.22 Reinforcement Additional door material which provides structural support for hardware.

3.23 Square Edged Doors The lock and hinge edge of the door is 90 degrees to the face of the door. Also called Universal Edged Doors.

3.24 Stop Face That side of a door viewed when observing the stop side of a frame.

4. SDI Document Disclaimers

4.1 Tolerances

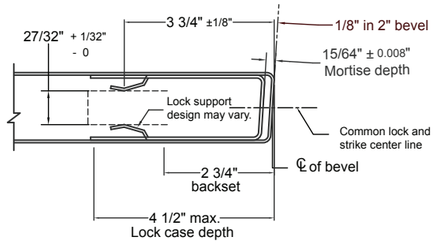
All values which do not carry specific tolerances or are not marked maximum or minimum shall have the following tolerances: Linear dimensions shall be ± 1/16 inches. Weight or force shall be ± 2%. Angles shall be ± 2 degrees. Where only minus tolerances are given, the dimensions are permitted to be exceeded at the option of the manufacturers.

4.2 Gauge vs. Thickness

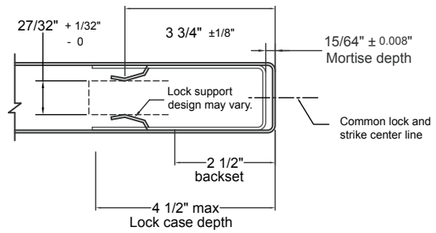
While the term ‘gauge’ is no longer common for defining material thickness it is still used to specify doors and frames for ordering purposes. The term ‘thickness’ is used when defining the actual dimension of an item, and the term ‘gauge’ is used in the context of specifying a particular door or frame.

4.3 Drawing

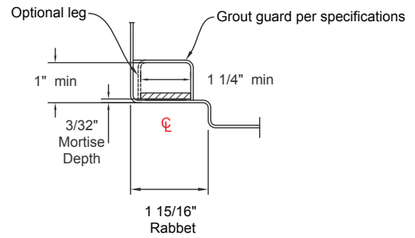
It is recommended that the individual manufacturer’s specifications be reviewed to confirm compliance with these drawings.



Beveled Edge - 1/8" in 2"



Square Edge



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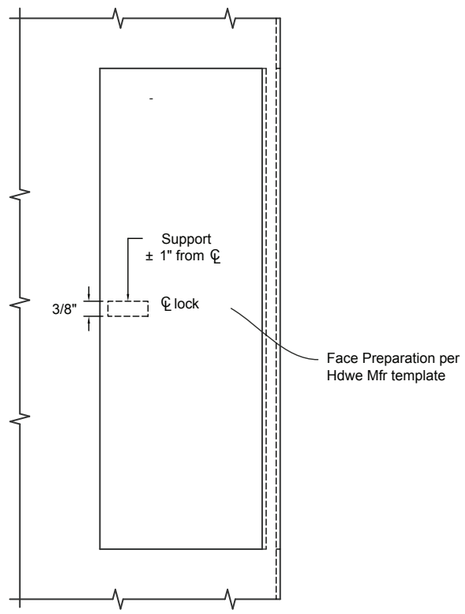
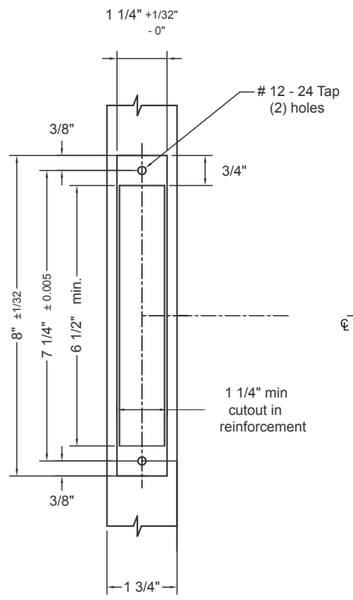


Door Face



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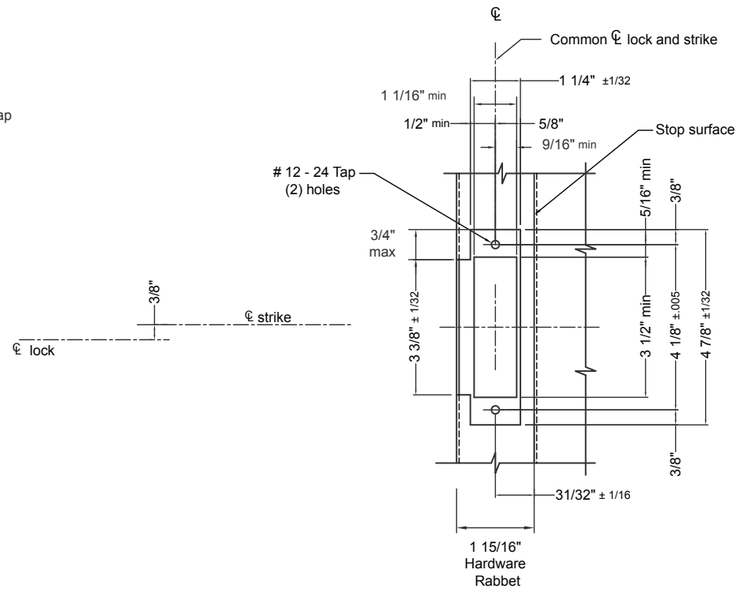


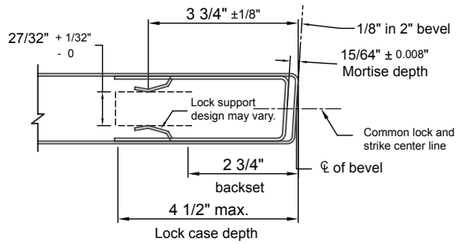
Frame Rabbet

Preparation of 1-3/4" Steel Doors and Steel Frames for Mortise Locks

ANSI/SDI A115.001

Date: March 2022

Rev A



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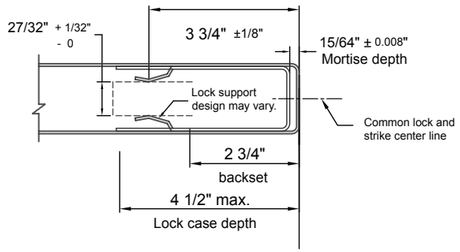

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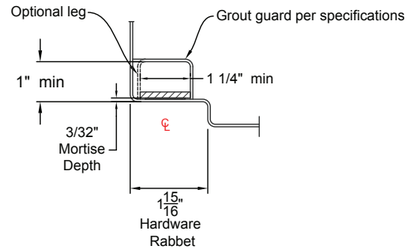

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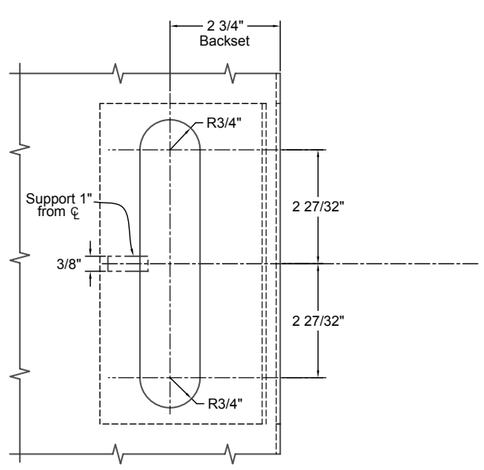

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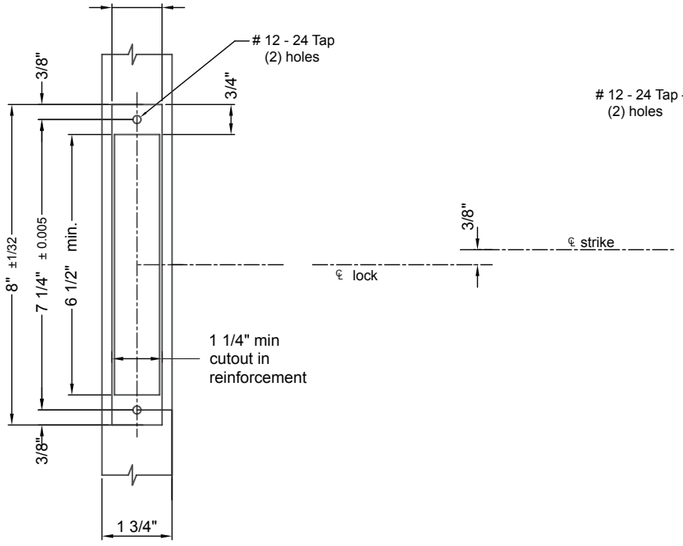

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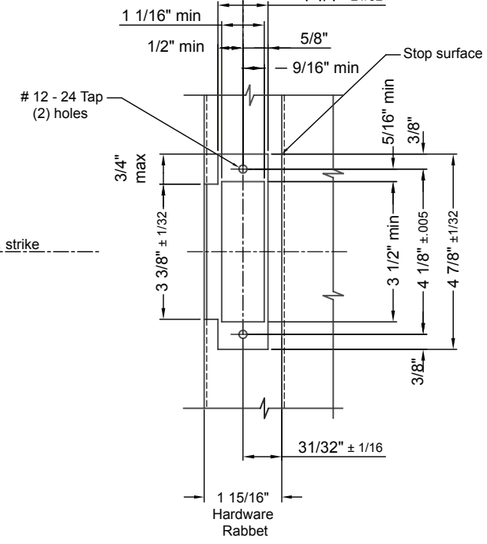


Frame Rabbet

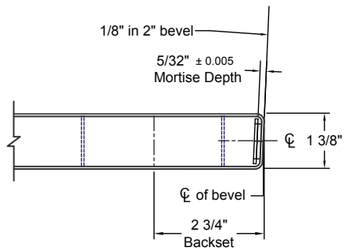
Preparation of 1-3/4" Steel Doors and Steel Frames for Mortise Locks with Escutcheon Trim

STEEL DOOR INSTITUTE

ANSI/SDI A115.002

Date: March 2022

Rev A



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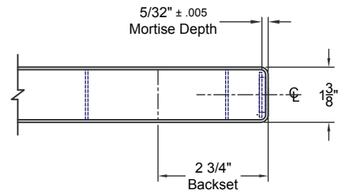

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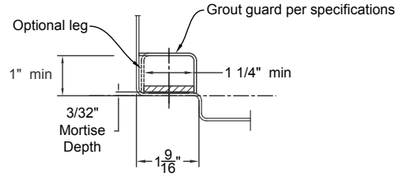

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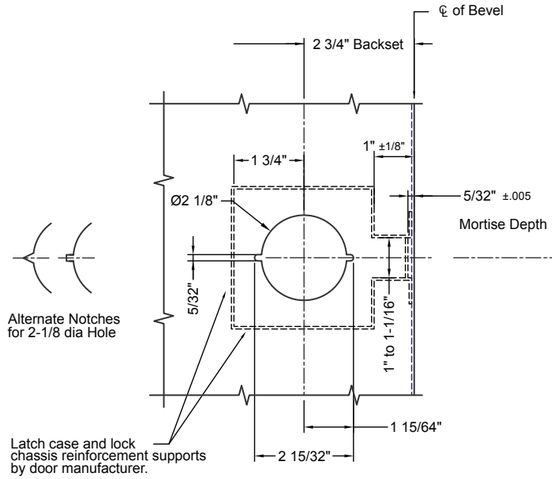
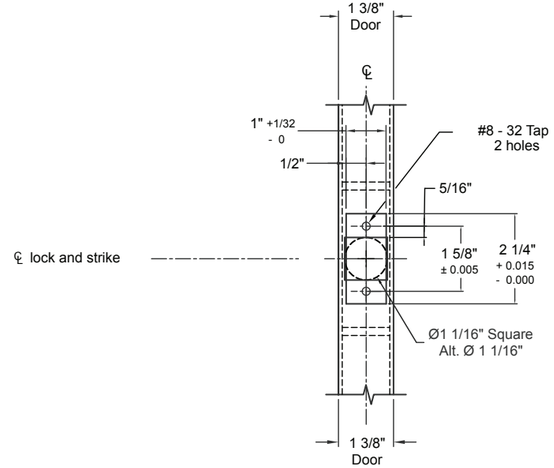
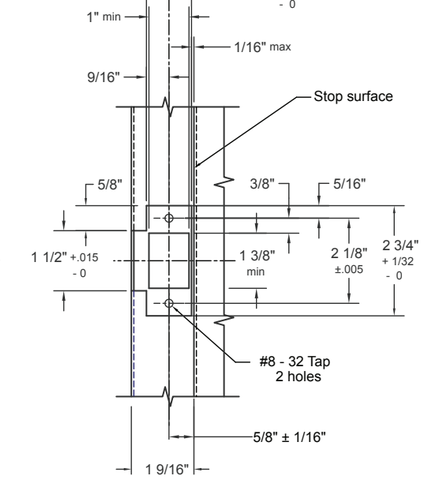






Door Face

Door Edge

Frame Rabbet

℄ lock and strike

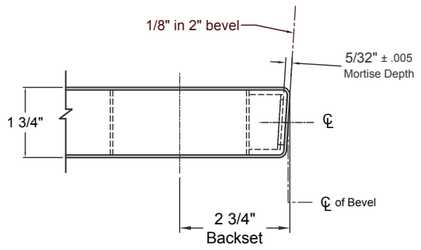
℄ lock and strike

Preparation of 1-3/8" Steel Doors and Steel Frames for Mortise Locks

ANSI/SDI A115.003

Date: March 2022

Rev A



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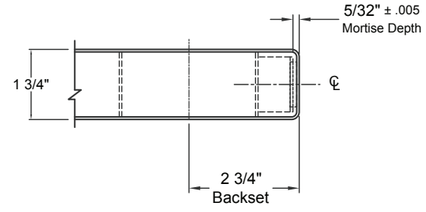

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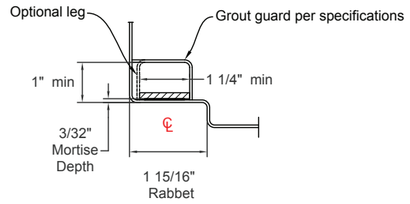
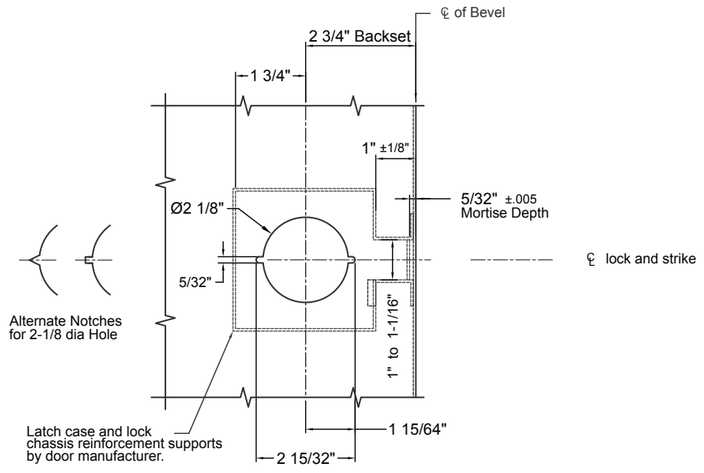


Metal Frame Section



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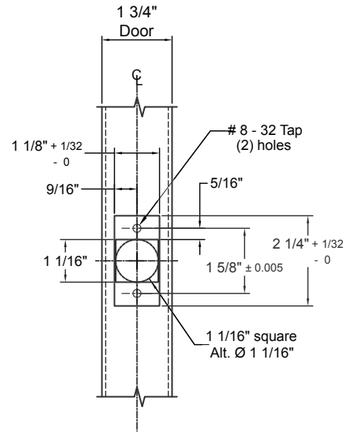

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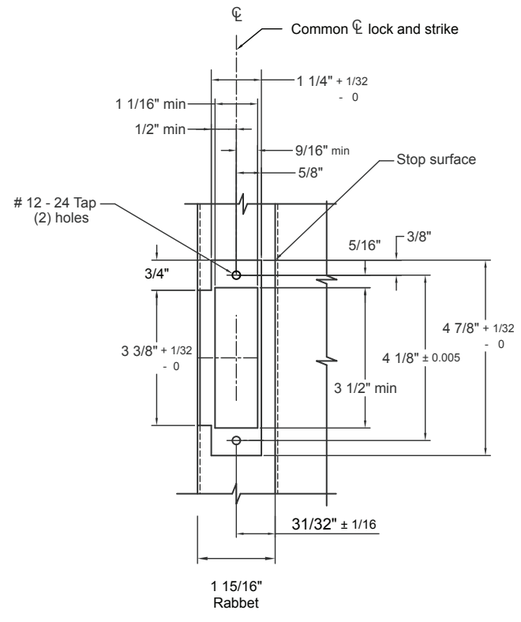


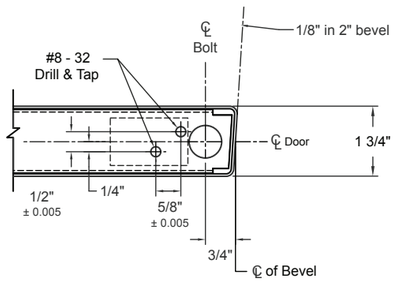
Frame Rabbet

Preparation of 1-3/4" Steel Doors and Steel Frames for Bored Locks

ANSI/SDI A115.004

Date: March 2022

Rev A



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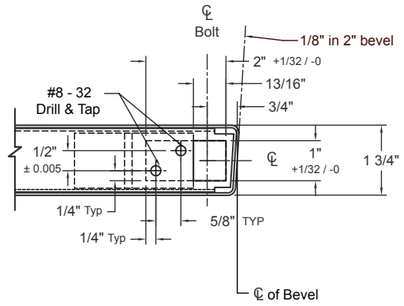

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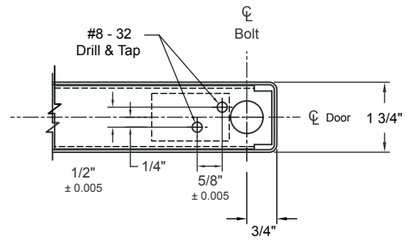

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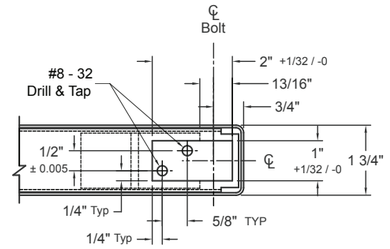

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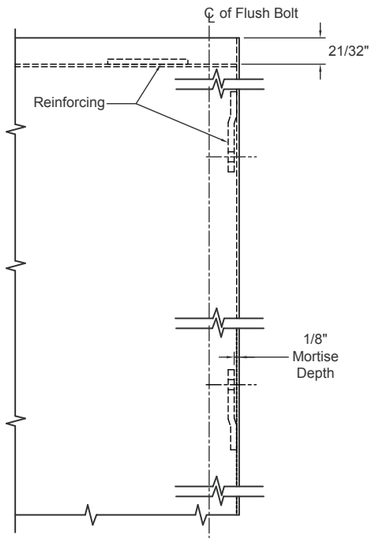

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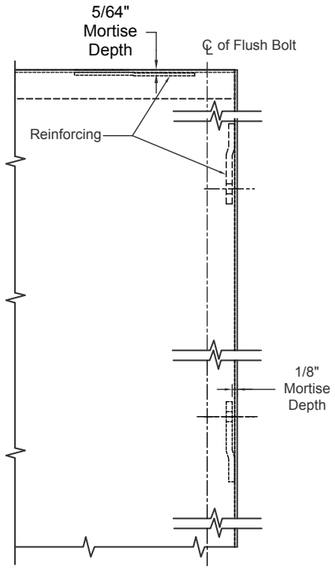
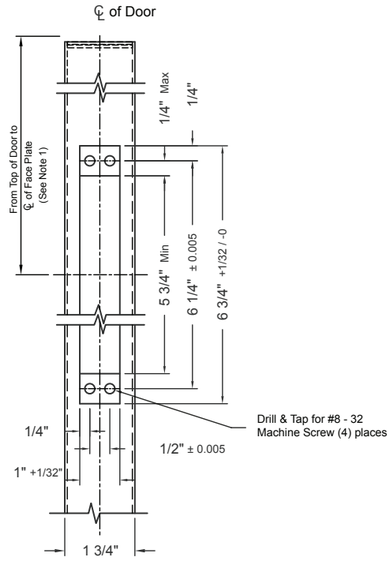
Top / Bottom



Flush
Top / Bottom



Door Edge

NOTES:

1. For Doors 84" or less in Height, the Center of the Face Plate shall be 12" from the Top and Bottom Edges of the Door

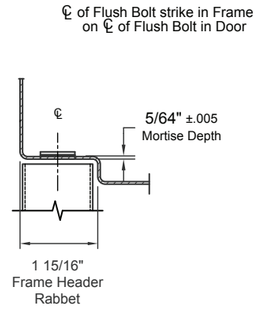
   For Doors Over 84" in Height, the Center of the Top Face Plate shall not be over 72" from the Floor

Preparation of 1-3/4" Steel Doors and Steel Frames for Manually Operated Lever Extension Flush Bolt

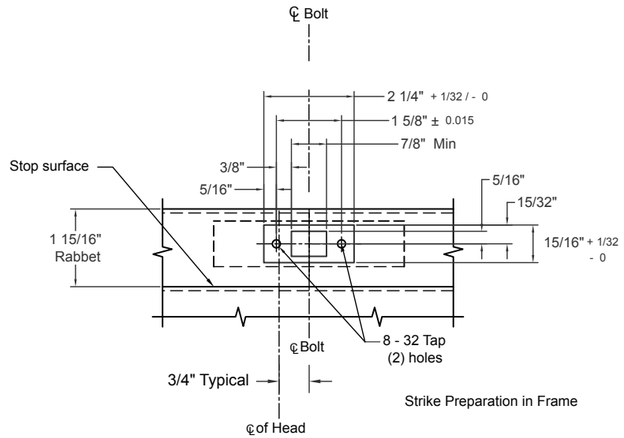
ANSI/SDI A115.005

Date: March 2022

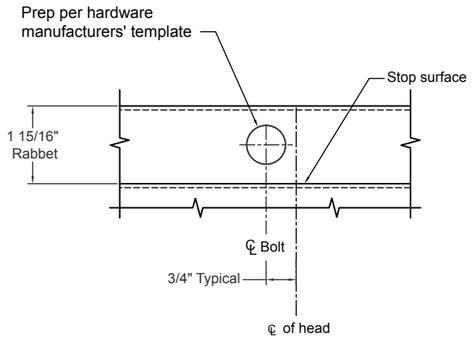
Rev A



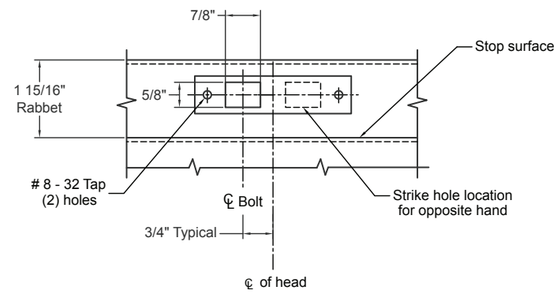
Flush bolt prep by frame manufacturer



Frame Head Flushbolt Prep
Head Detail



Frame Head Flushbolt Prep
Optional Head Detail



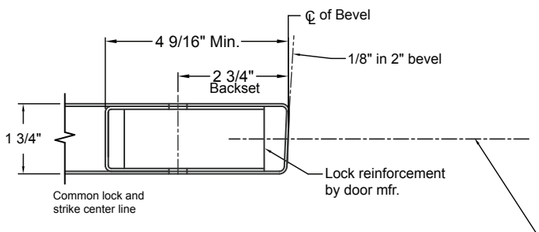
Frame Head Flushbolt Prep
Optional Head Detail
Reversible Hand Strike

Preparation of 1-3/4" Steel Doors and Steel Frames for Manually Operated Lever Extension Flush Bolt Strike

ANSI/SDI A115.006

Date: March 2022

Rev A



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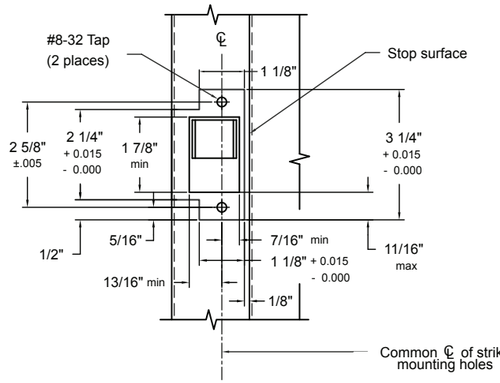
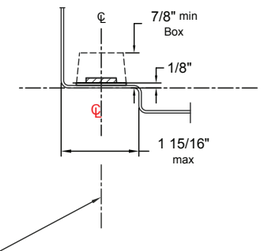
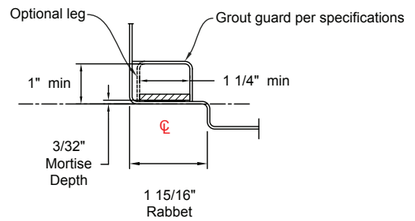


Metal Frame Sections



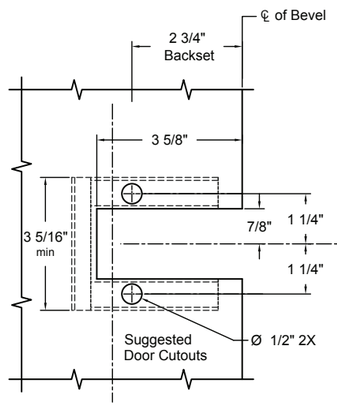
Frame Section



Frame Section

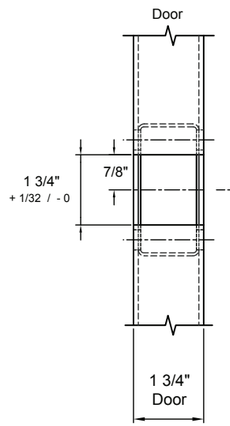
Frame Rabbet

Common ℄
of lock & strike



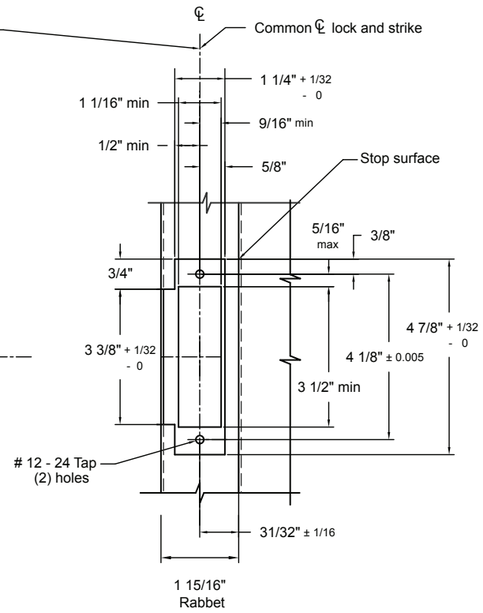
Door Face

℄ Lock & Strike



Door Edge

℄ Lock & Strike



Frame Rabbet

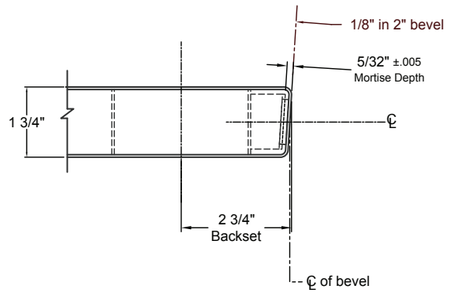
Preparation of 1-3/4" Steel Doors and Steel Frames for Preassembled Door Locks

STEEL DOOR INSTITUTE

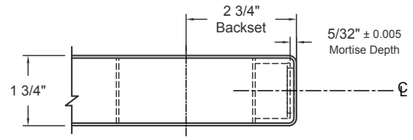
ANSI/SDI A115.007

Date: March 2022

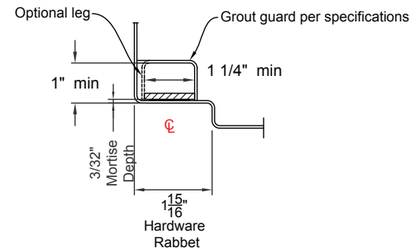
Rev A



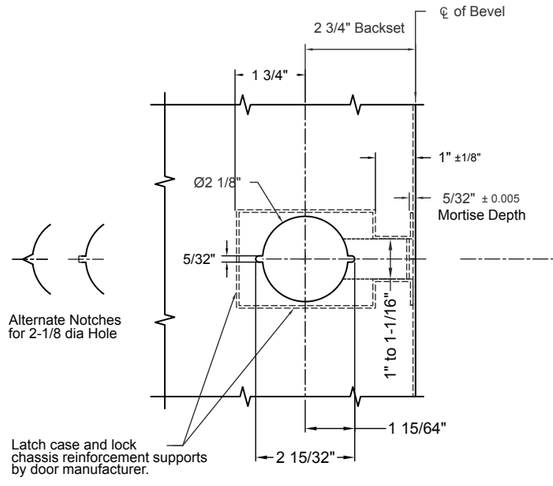
Beveled Edge - 1/8" in 2"



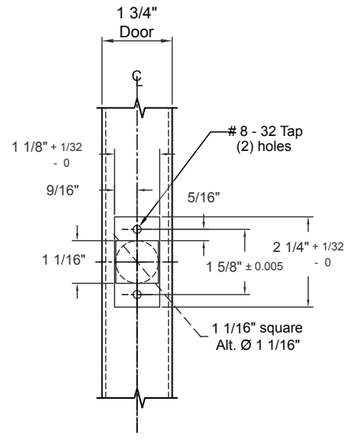
Square Edge



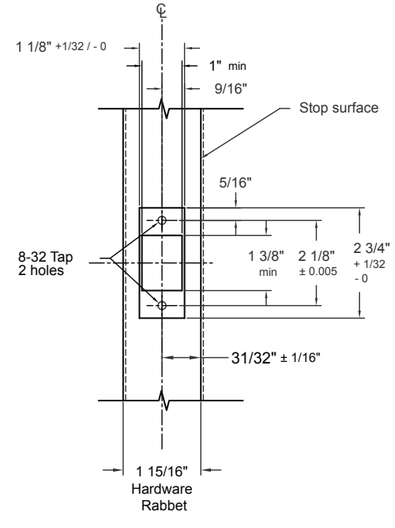
Frame Section



Door Face



Door Edge



Frame Rabbet

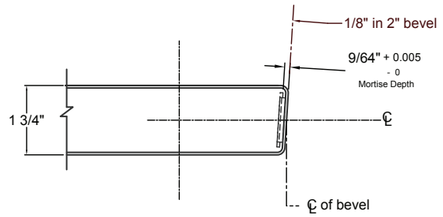
Preparation of 1-3/4" Steel Doors and Steel Frames for Bored Deadlatches

STEEL DOOR INSTITUTE

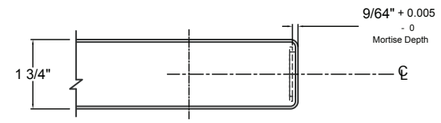
ANSI/SDI A115.008

Date: March 2022

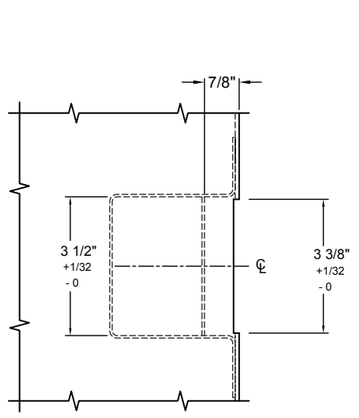
Rev A



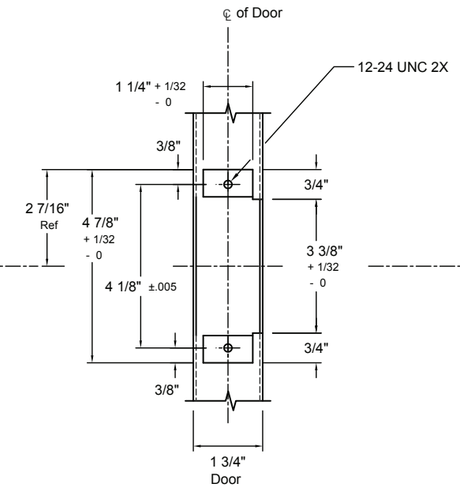
Beveled Edge



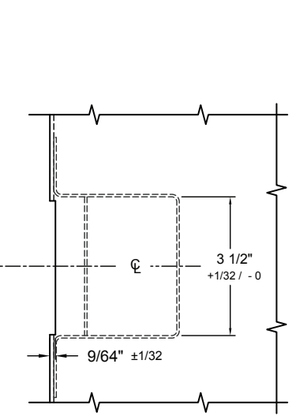
Square Edge



Door Face

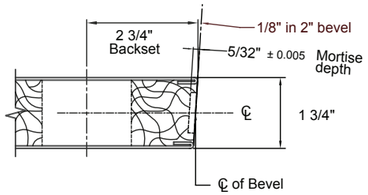


Door Edge

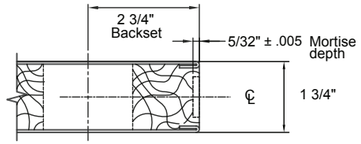


Door Face

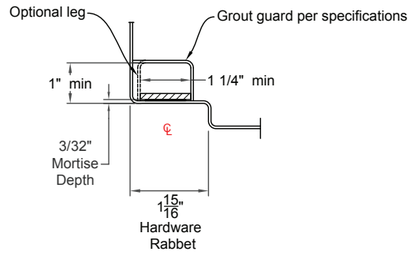
Preparation of 1-3/4" Steel Doors for Open Back Strikes	STEEL DOOR INSTITUTE	ANSI/SDI A115.009	
		Date: March 2022	Rev A



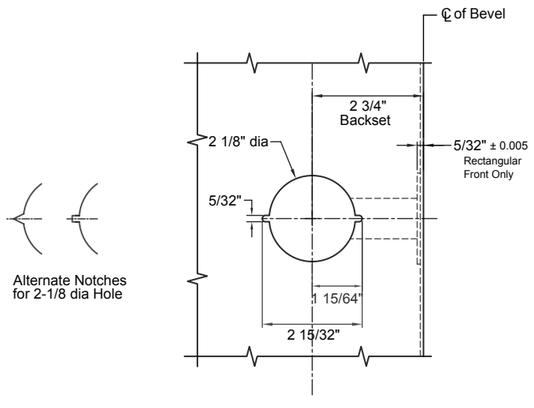
Beveled Edge

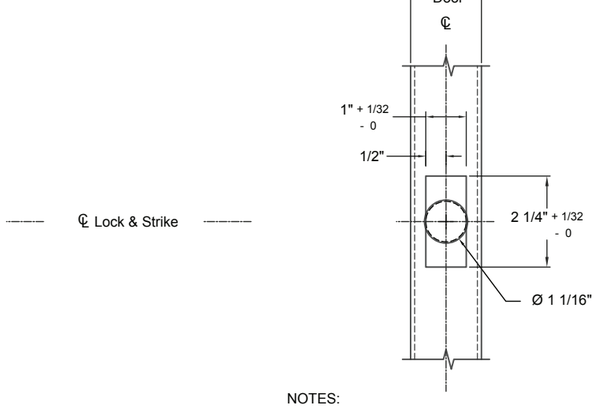


Square Edge



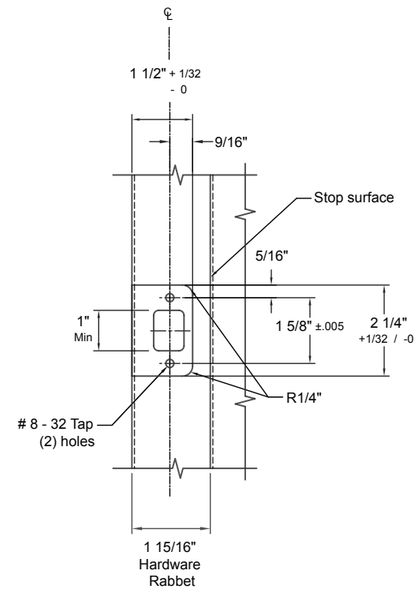
Frame Section





NOTES:

1. A 1" DIAMETER DRIVE IN BOLT IS AN ACCEPTABLE ALTERNATE TO THE STANDARD.
2. A 1/4" RADIUS CORNER LOCK FRONT IS AN ACCEPTABLE ALTERNATE TO THE STANDARD.



Door Face

Door Edge

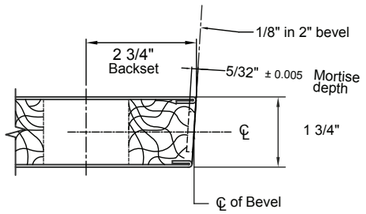
Frame Rabbet

Preparation of 1-3/4" Steel Doors with Wood Edges and Steel Frames for Bored Locks

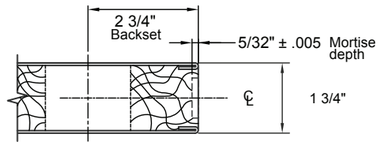
ANSI/SDI A115.010

Date: March 2022

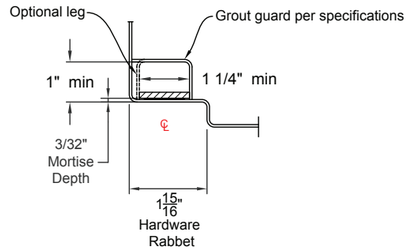
Rev A



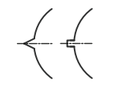
Beveled Edge

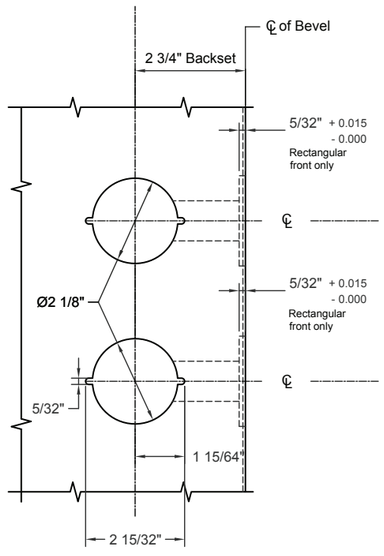


Square Edge

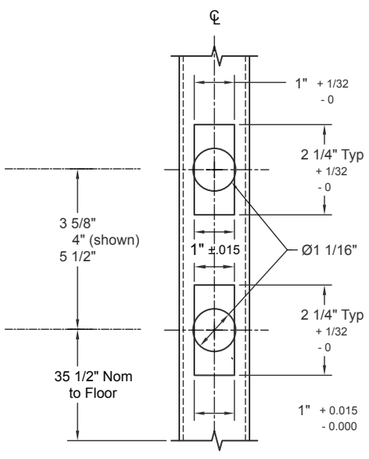


Frame Section

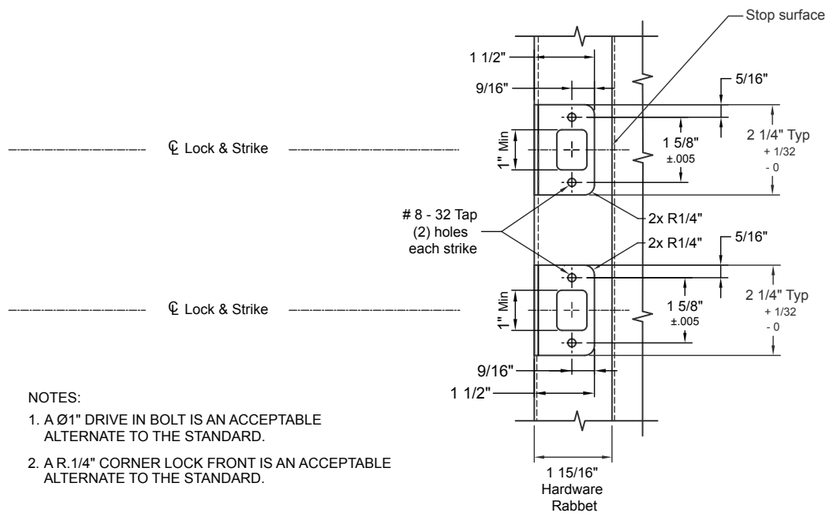




Door Face



Door Edge



Frame Rabbet

NOTES:

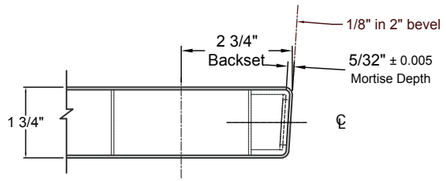
1. A Ø1" DRIVE IN BOLT IS AN ACCEPTABLE ALTERNATE TO THE STANDARD.
2. A R.1/4" CORNER LOCK FRONT IS AN ACCEPTABLE ALTERNATE TO THE STANDARD.

Preparation of 1-3/4" Steel Doors with Wood Edges and Steel Frames for Double Locks

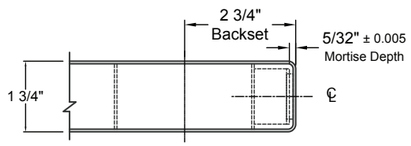
ANSI/SDI A115.011

Date: March 2022

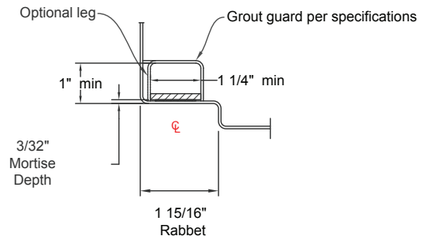
Rev A



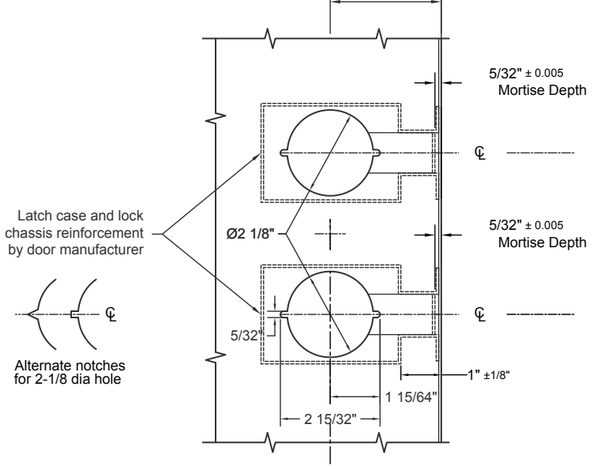
Beveled Edge Detail



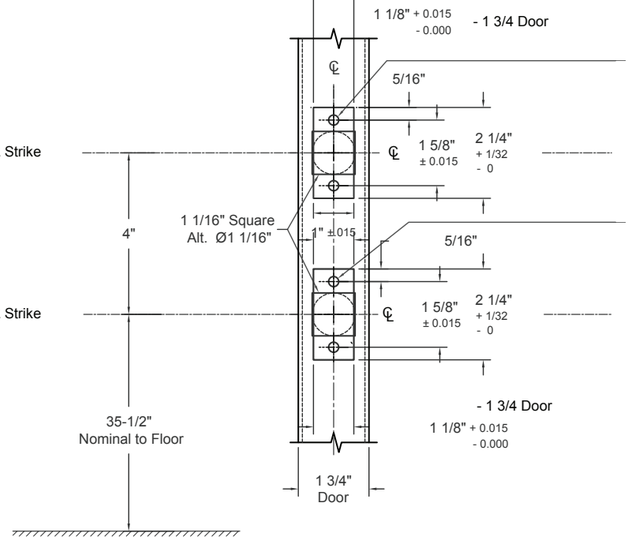
Square Edge Detail



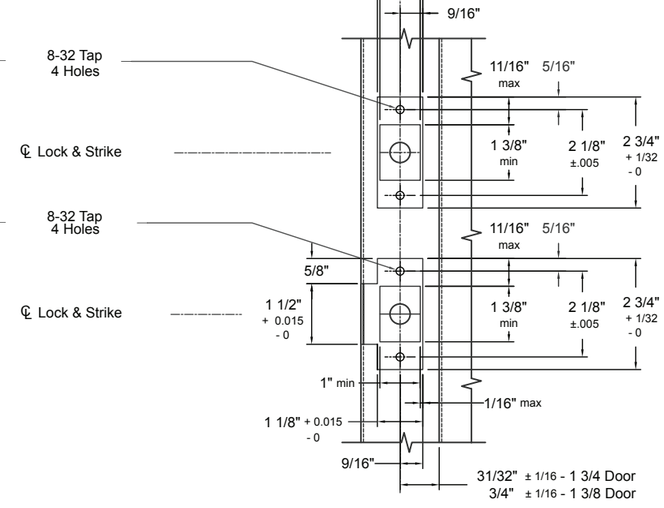
Frame Section



Door Face



Door Edge



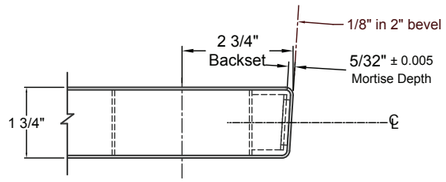
Frame Rabbet

Preparation of 1-3/4" Steel Doors and Steel Frames for Double Locks with 4" Centerline Spacing of Combined or Interconnected Lock or Latch

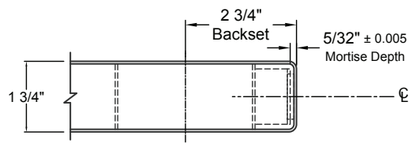
ANSI/SDI A115.012

Date: March 2022

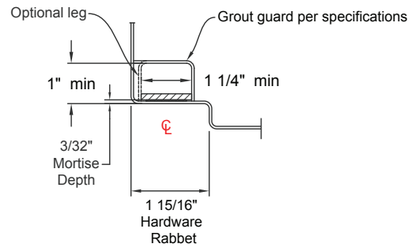
Rev A



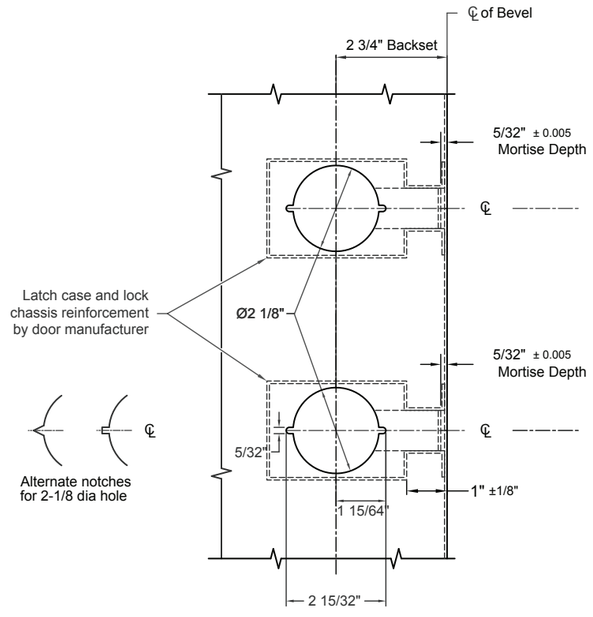
Beveled Edge Detail



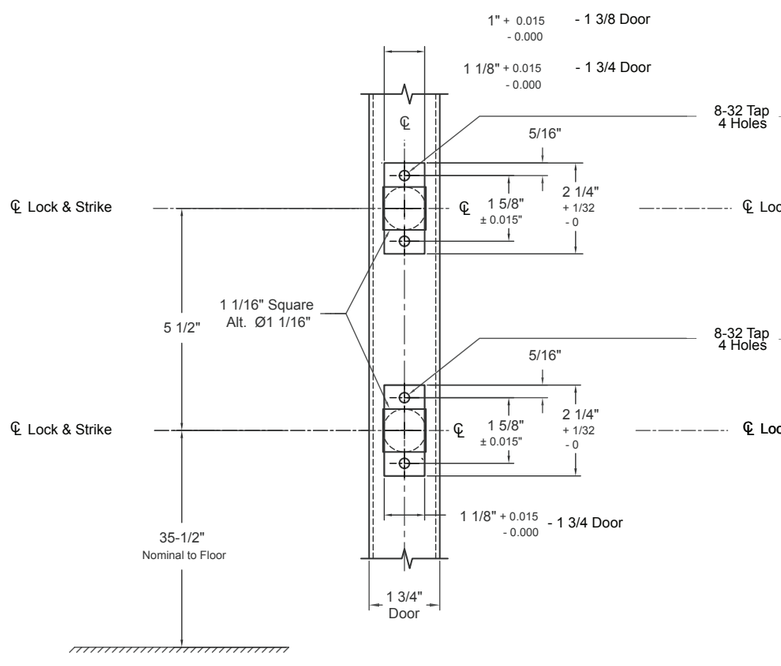
Square Edge Detail



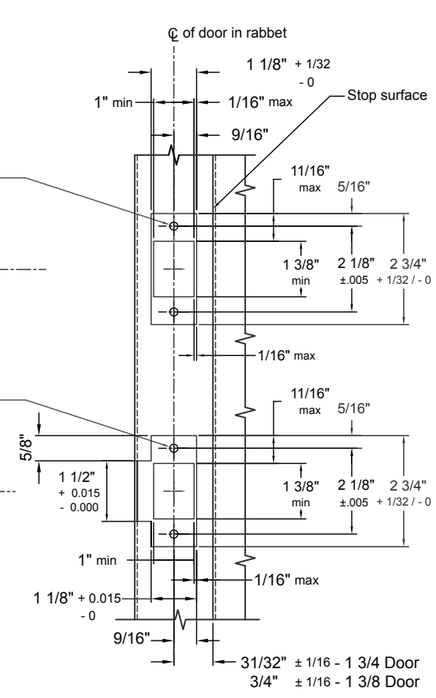
Frame Section



Door Face



Door Edge

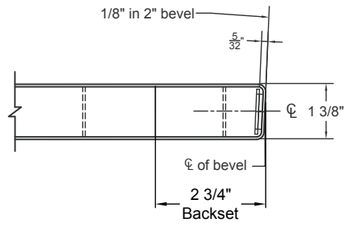


Frame Rabbet

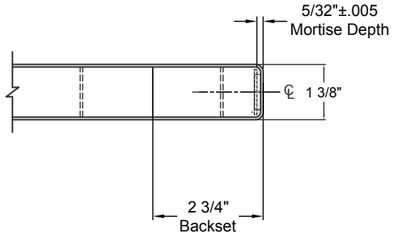
Preparation of 1-3/4" Steel Doors and Steel Frames for Double Locks with 5-1/2" Centerline Spacing of Combined or Interconnected Lock or Latch

ANSI/SDI A115.013

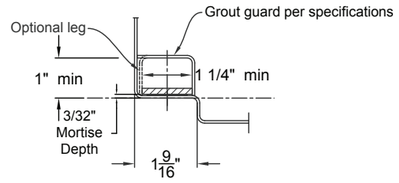
Date: March 2022 | Rev A



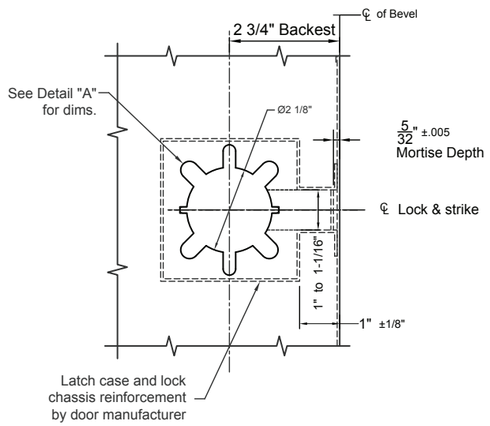
Beveled Edge



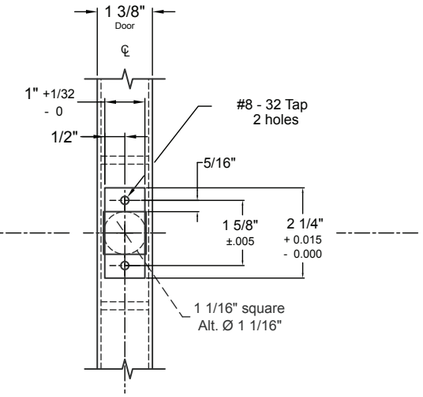
Square Edge



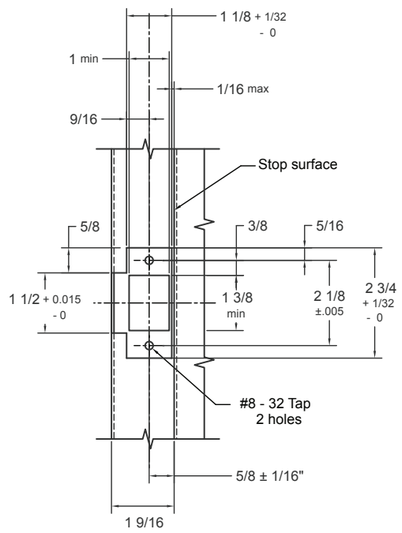
Frame Section



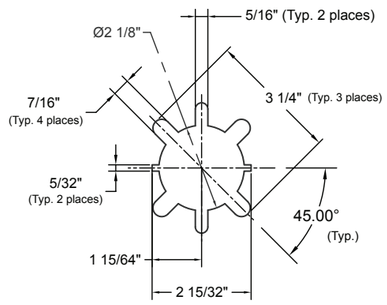
Door Face



Door Edge



Frame Rabbet



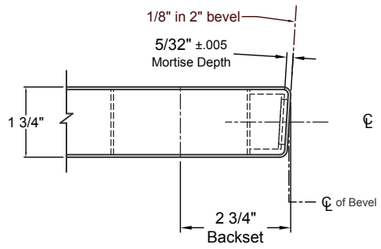
Detail A

Preparation of 1-3/8" Steel Doors and Steel Frames for Bored Locks with Lever Handles

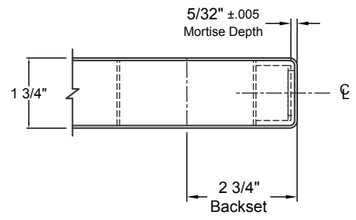
ANSI/SDI A115.014

Date: March 2022

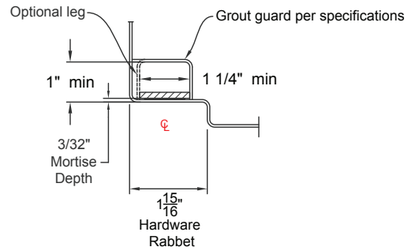
Rev A



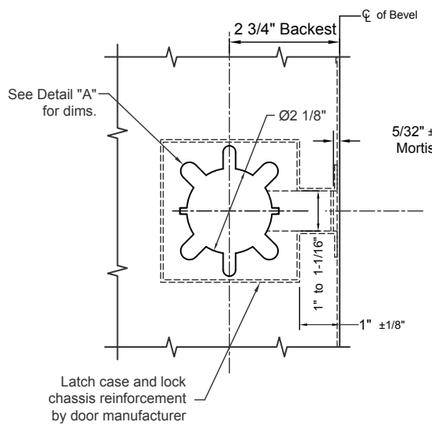
Beveled Edge



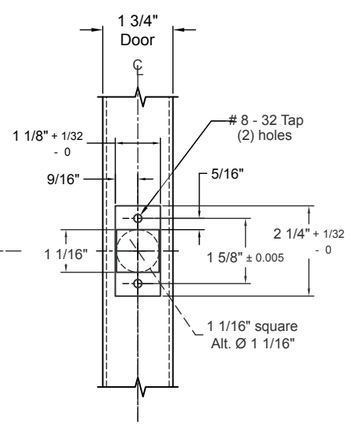
Square Edge



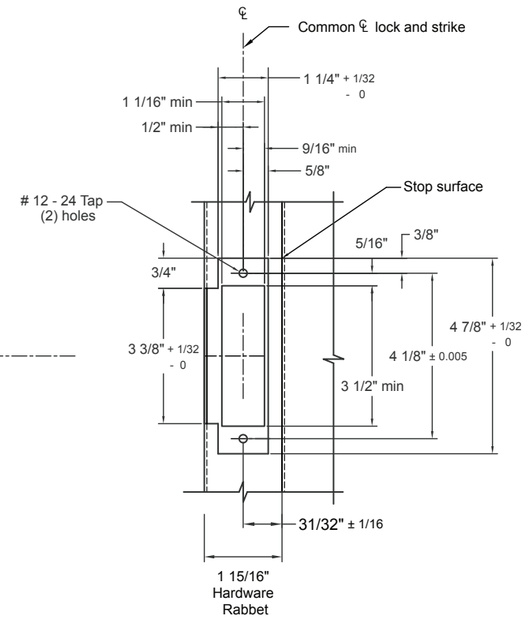
Frame Section



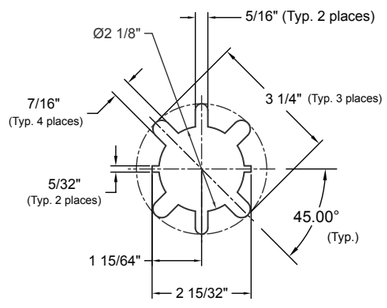
Door Face



Door Edge



Frame Rabbet



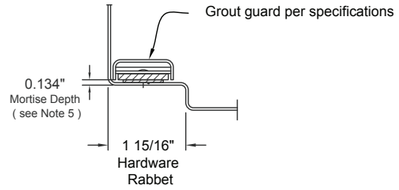
Detail A

Preparation of 1-3/4" Steel Doors and Steel Frames for Bored Locks with Lever Handles

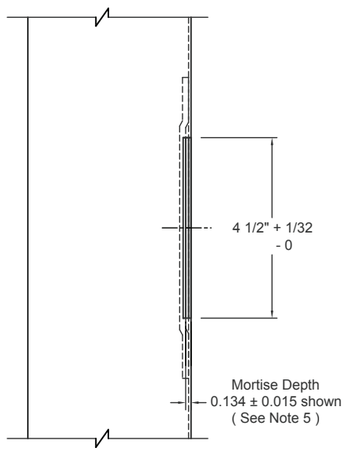
ANSI/SDI A115.015

Date: March 2022

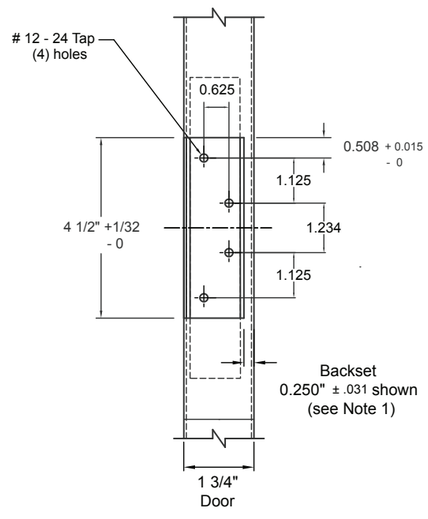
Rev A



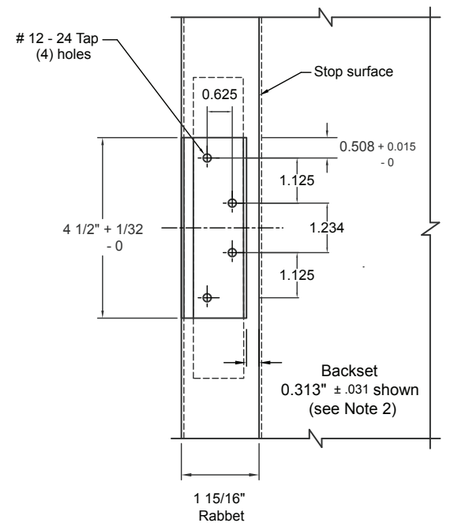
Frame Section



Door Face



Door Edge



Frame Rabbet

Note 1: The hinge backset on doors varies by manufacturer, from 3/16" to 1/4"

Note 2: The hinge backset on frames varies by manufacturer, from 5/16" to 3/8".

Note 3: Extra holes may be present in the reinforcement for tooling and weld fixturing

Note 4: Manufacturers may offer a removable shim or embossed standoff which allows conversion of a standard weight preparation to a heavy weight butt hinge application.

Note 5: Typical mortise depths are in accordance with ANSI/BHMA A 156.1 as follows:

Standard weight butt hinge : 0.134

Heavy weight butt hinge : 0.180"

Note 6: Tolerance ±0.005" unless otherwise specified.

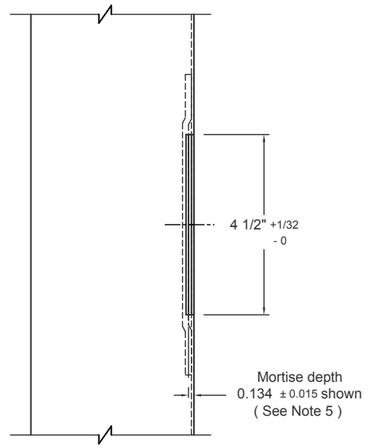
Notes

Preparation of 1-3/4" Handed Steel Doors and Steel Frames for 4-1/2" Full Mortise Hinge

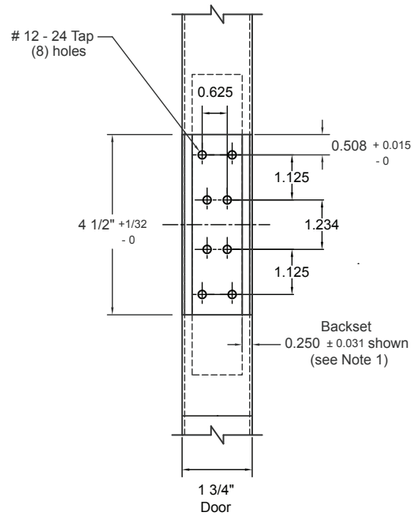
ANSI/SDI A115.016

Date: March 2022

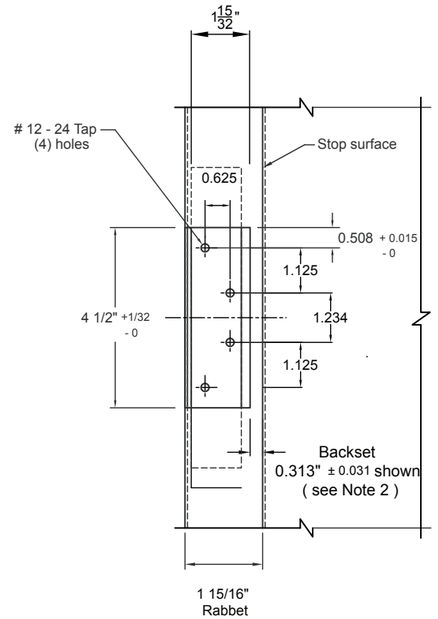
Rev A



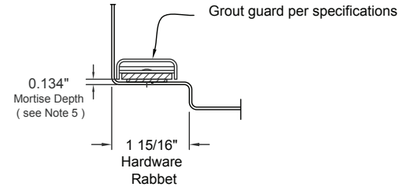
Door Face



Door Edge



Frame Rabbet



Frame Section

Note 1: The hinge backset on doors varies by manufacturer, from 3/16" to 1/4"

Note 2: The hinge backset on frames varies by manufacturer, from 5/16" to 3/8".

Note 3: Extra holes may be present in the reinforcement for tooling and weld fixturing

Note 4: A shim with a lip may be used to conceal the edge of the hinge leaf after the desired door handing is selected Manufacturers may offer a removable shim or embossed standoff projection which allows conversion of a standard weight preparation to a heavyweight butt hinge application.

.

Note 5: Typical mortise depths are in accordance with ANSI/BHMA A 156.1 as follows:

Standard weight butt hinge : 0.134"

Heavy weight butt hinge : 0.180"

Note 6: Tolerance ± 0.005" unless otherwise specified.

Preparation of 1-3/4" Non-Handed Steel Doors and Steel Frames for 4-1/2" Full Mortise Hinge

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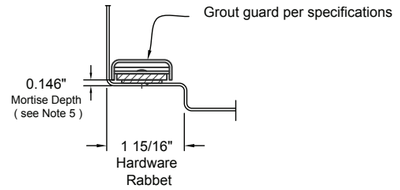
ANSI/SDI A115.017

Date: March 2022

Rev A



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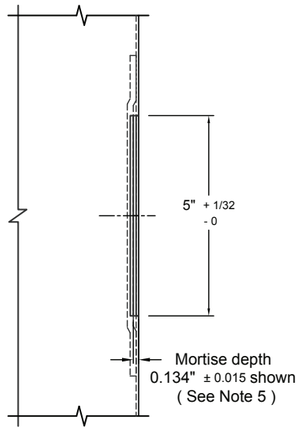

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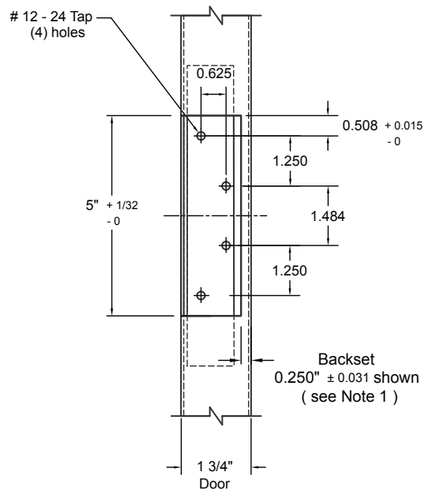
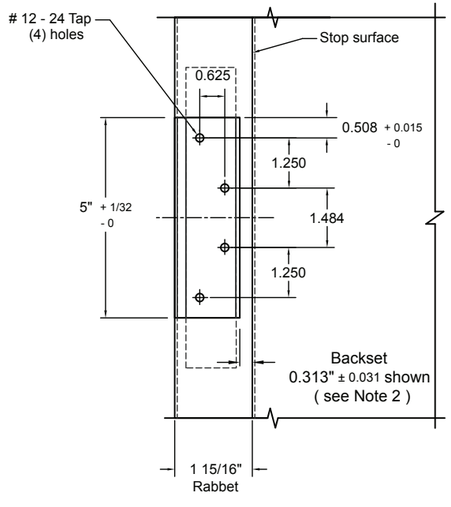


Door Edge



Frame Rabbet

Note 1: The hinge backset on doors varies by manufacturer, from 3/16" to 1/4"

Note 2: The hinge backset on frames varies by manufacturer, from 5/16" to 3/8".

Note 3: Extra holes may be present in the reinforcement for tooling and weld fixturing.

Note 4: Manufacturers may offer a removable shim or embossed standoff which allows conversion of a standard weight preparation to a heavy weight butt hinge application.

Note 5: Typical mortise depths are in accordance with ANSI/BHMA A 156.1 as follows:

Standard weight butt hinge : 0.146"

Heavy weight butt hinge : 0.190"

Note 6: Tolerance ± 0.005" unless otherwise specified.

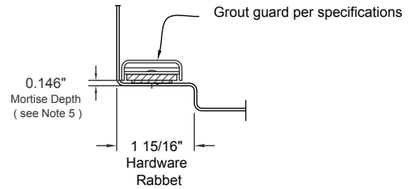
Notes

Preparation of 1-3/4" Handed Steel Doors and Steel Frames for 5" Full Mortise Hinge

ANSI/SDI A115.018

Date: March 2022

Rev A



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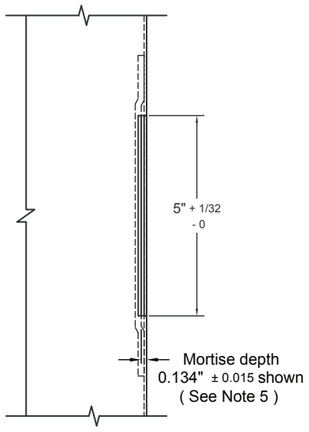
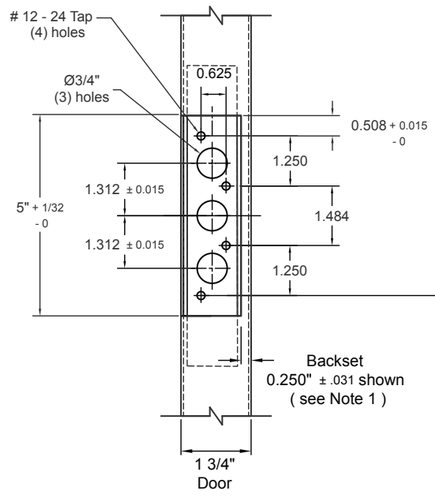
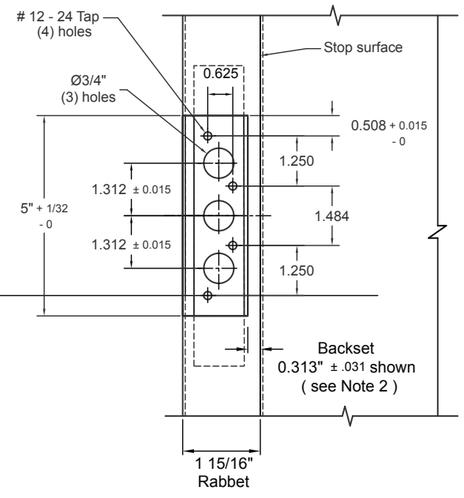


Door Face



Door Edge



Frame Rabbet

Note 1: The hinge backset on doors varies by manufacturer, from 3/16" to 1/4"

Note 2: The hinge backset on frames varies by manufacturer, from 5/16" to 3/8".

Note 3: Extra holes may be present in the reinforcement for tooling and weld fixturing.

Note 4: Manufacturers may offer a removable shim or embossed standoff which allows conversion of a standard weight preparation to a heavy weight butt hinge application.

Note 5: Typical mortise depths are in accordance with ANSI/BHMA A 156.1 as follows:

Standard weight butt hinge : 0.146"

Heavy weight butt hinge : 0.190"

Note 6: Tolerance ± 0.005" unless otherwise specified.

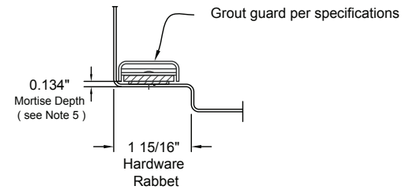
Notes

Preparation of 1-3/4" Handed Steel Doors and Steel Frames for 5" Full Mortise Electrified Hinge

ANSI/SDI A115.019

Date: March 2022

Rev A



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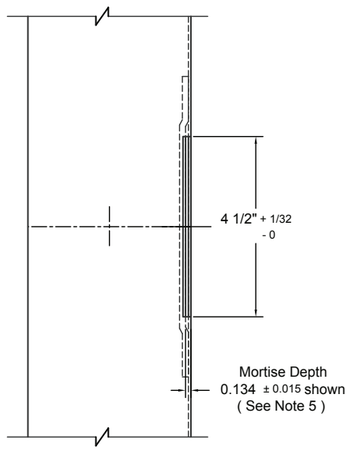

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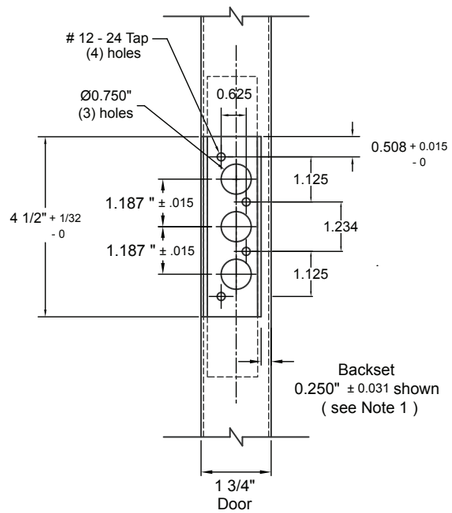
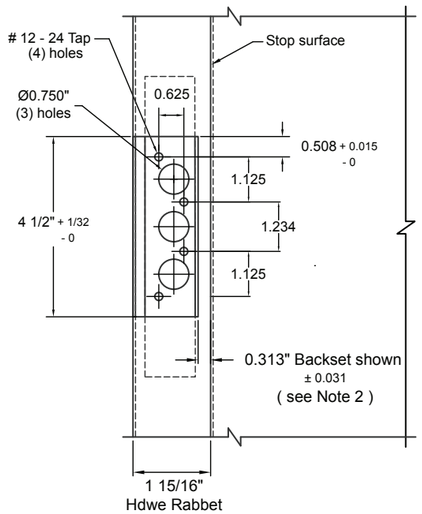


Door Edge



Frame Rabbet

Note 1: The hinge backset on doors varies by manufacturer, from 3/16" to 1/4"

Note 2: The hinge backset on frames varies by manufacturer, from 5/16" to 3/8".

Note 3: Extra holes may be present in the reinforcement for tooling and weld fixturing

Note 4: Manufacturers may offer a removable shim or embossed standoff which allows conversion of a standard weight preparation to a heavy weight butt hinge application.

.Note 5: Typical mortise depths are in accordance with ANSI/BHMA A 156.1 as follows:

Standard weight butt hinge : 0.134"

Heavy weight butt hinge : 0.180"

Note 6: Tolerance ± 0.005" unless otherwise specified.

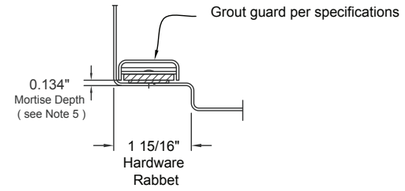
Notes

Preparation of 1-3/4” Handed Steel Doors and Steel Frames for 4-1/2” Full Mortise Electrified Hinge

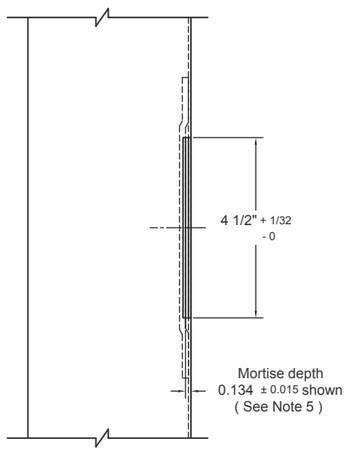
ANSI/SDI A115.020

Date: March 2022

Rev A



Frame Section



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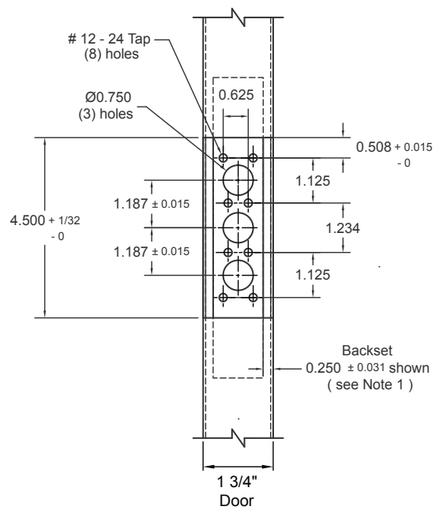
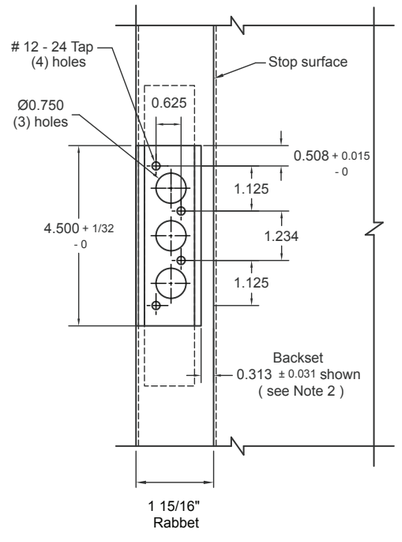


Door Edge



Frame Rabbet

Note 1: The hinge backset on doors varies by manufacturer, from 3/16" to 1/4"

Note 2: The hinge backset on frames varies by manufacturer, from 5/16" to 3/8".

Note 3: Extra holes may be present in the reinforcement for tooling and weld fixturing

Note 4: A shim with a lip may be used to conceal the edge of the hinge leaf after the desired door handing is selected Manufacturers may offer a removable shim or embossed standoff projection which allows conversion of a standard weight preparation to a heavyweight butt hinge application.

Note 5: Typical mortise depths are in accordance with ANSI/BHMA A 156.1 as follows:

Standard weight butt hinge : 0.134"

Heavy weight butt hinge : 0.180"

Note 6: Tolerance ± 0.005" unless otherwise specified.

Preparation of 1-3/4" Non-Handed Steel Doors and Steel Frames for 4-1/2" Full Mortise Electrified Hinge

ANSI/SDI A115.021

Date: March 2022

Rev A

AVAILABLE PUBLICATIONS

Specifications

ANSI/SDI A250.6	Recommended Practice for Hardware Reinforcing on Standard Steel Doors and Frames
ANSI/SDI A250.8	Specifications for Standard Steel Doors and Frames (SDI-100)
ANSI/SDI A250.14	Hardware Preparation in Steel Doors and Steel Frames
SDI-108	Recommended Selection & Usage Guide for Standard Steel Doors
SDI-118	Basic Fire Door, Fire Door Frame, Transom/Sidelight Frame, and Window Frame Requirements
SDI-128	Guidelines for Acoustical Performance of Standard Steel Doors and Frames
SDI-129	Hinge and Strike Spacing
SDI-133	Guideline for Specifying Steel Doors & Frames for Blast Resistance
SDI-136	Guideline for Specifying Windstorm Products

Test Procedures

ANSI/SDI A250.3	Test Procedure & Acceptance Criteria for Factory Applied Finish Coatings for Steel Doors and Frames
ANSI/SDI A250.4	Test Procedure & Acceptance Criteria for Physical Endurance for Steel Doors, Frames and Frame Anchors
ANSI/SDI A250.10	Test Procedure & Acceptance Criteria for Prime Painted Steel Surfaces for Steel Doors and Frames
ANSI/SDI A250.13	Testing and Rating of Severe Windstorm Resistant Components for Swinging Door Assemblies for Protection of Building Envelopes (Not applicable for FEMA 320/361 or ICC-500 Shelters)
SDI-113	Standard Practice for Determining the Steady-State Thermal Transmittance of Steel Door and Frame Assemblies
SDI-131	Accelerated Physical Endurance Test Procedure for Steel Doors

Construction Details

ANSI/SDI A250.11	Recommended Erection Instructions for Steel Frames
SDI-110	Standard Steel Doors & Frames for Modular Masonry Construction
SDI-111	Recommended Details for Standard Steel Doors, Frames, Accessories and Related Components
SDI-122	Installation Troubleshooting Guide for Standard Steel Doors & Frames

Miscellaneous Documents

SDI-112	Zinc-Coated (Galvanized/Galvannealed) Standard Steel Doors and Frames
SDI-117	Manufacturing Tolerances for Standard Steel Doors and Frames
SDI-124	Maintenance of Standard Steel Doors & Frames
SDI-127	Industry Alert Series (A-L)
SDI-130	Electronic Hinge Preparations
SDI-134	Glossary of Terms for Hollow Metal Doors and Frames
SDI-135	Guidelines to Measure for Replacement Doors in Existing Frame Openings

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