ACCURATE

LOCK & HARDWARE

AMERICAN CRAFTED SINCE 1972

SL-LR-SDS with Smoke Seal
Ligature Resistant Sliding Door System

IMPROVE SAFETY. SAVE SPACE. ENHANCE PATIENT DIGNITY.

SL-LR-SDS

SELF-LATCHING LIGATURE RESISTANT SLIDING DOOR SYSTEM

SMOKE SEAL

- Available with a smoke seal for required openings (corridors, patient rooms, etc.)

SEAMLESS

- Concealed track system hangs a $1^{3}/_{4}$" thick door with minimal surface applied gap without any exposed anchor points or cavities
- Concealed floor guide keeps door flush against wall
- Concealed vertical rod bolt locks into track providing privacy with no accessible latch bolt or strike
- Ligature resistant thumb turn and flush pull

SAFE

- Top door edge not accessible as a ligature point
- Eliminates barricade tactics and using door as a weapon

SILENT

- Dampened closure allows quiet operation and prevents slamming doors

SPACE SAVING

- Contributes to a smaller patient room design saving up to 45% of space

TRACK CLOSE UP

TRACK CUTAWAY

FLOOR GUIDE

SL-LR-SDS Smoke Seal

- Ideal for use on corridor patient rooms and other areas that may require smoke seals
- Smoke tested ANSI/UL 1784-2015: the Standard for Air Leakage Tests of Door Assemblies
- **Exceeds the International Building Code test minimum by 3x**
  - The test requires that the air leakage rate of the door assembly is not to exceed 3.0 cubic feet per minute per square foot of door opening. The LR-SDS only let in .92 cubic square feet per minute.
- Passage function featuring thumb turn and self-latching tubular lock (classroom and store room functions coming soon)

SL-LR-SDS-0
SELF-LATCHING PASSAGE

Non-locking function.

Solution includes:
- Ligature resistant track
- (2) U7001AL flush pulls
- (2) LR-ADA Thumb turns
- Self-latching tubular lock

SMOKE STRIP ON BACK OF DOOR

SMOKE STRIP ON DOOR FRAME

SL-LR-SDS

FOR BEHAVIORAL HEALTHCARE ENVIRONMENTS

DURABILITY

- Internal testing of a static 500lb load was applied to the bottom third of a flush wood door at the mid-point of the opening. No damage was observed after load forced was removed and door subsequently performed as intended.

- The LR-SDS comes with a shoe that provides structural integrity against lateral forces applied by patient abuse.* This captures the lower leading edge of the door when in the closed position.

- Withstood simulated abuse testing by architectural consultant with door 6” open.

  **The use of reinforced hollow metal doors is recommended for high abuse environments.*

LOAD CAPACITY

- There are two ball bearing blocks, each having a dynamic load capacity of 1240lbs

Please note: There is currently no “Open Door” ASTM/ANSI/ASHE performance standards for sliding doors beyond ADA compliance, acoustics and force applied to them. Existing standards only evaluate a closed and secure door.

Fast Frame Kit

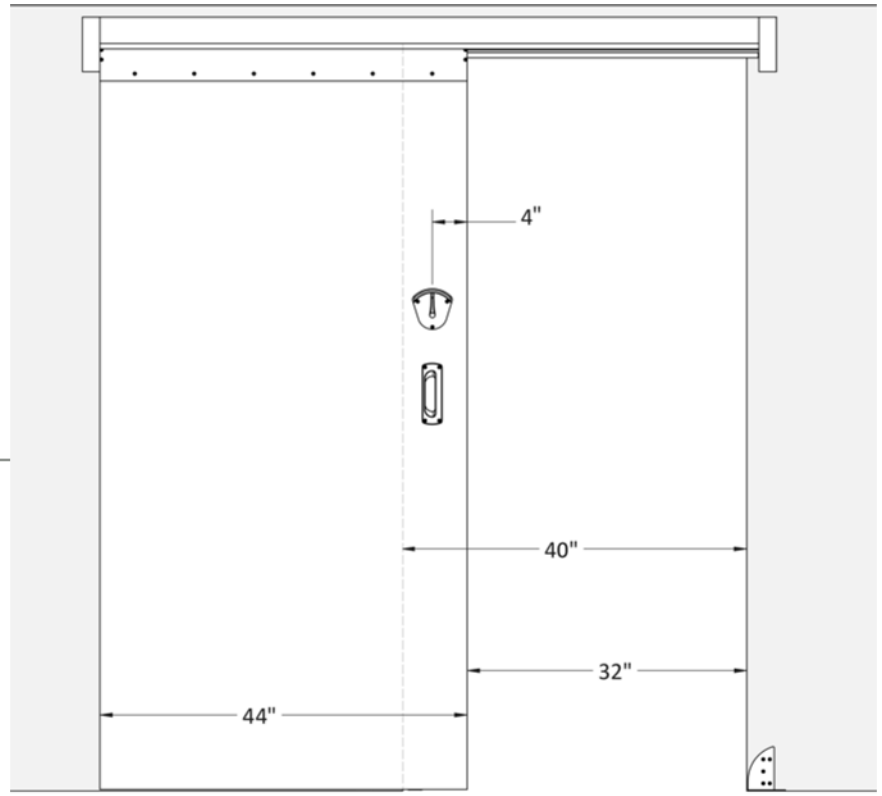
Available upon request, specify FF

FAST FRAME KIT

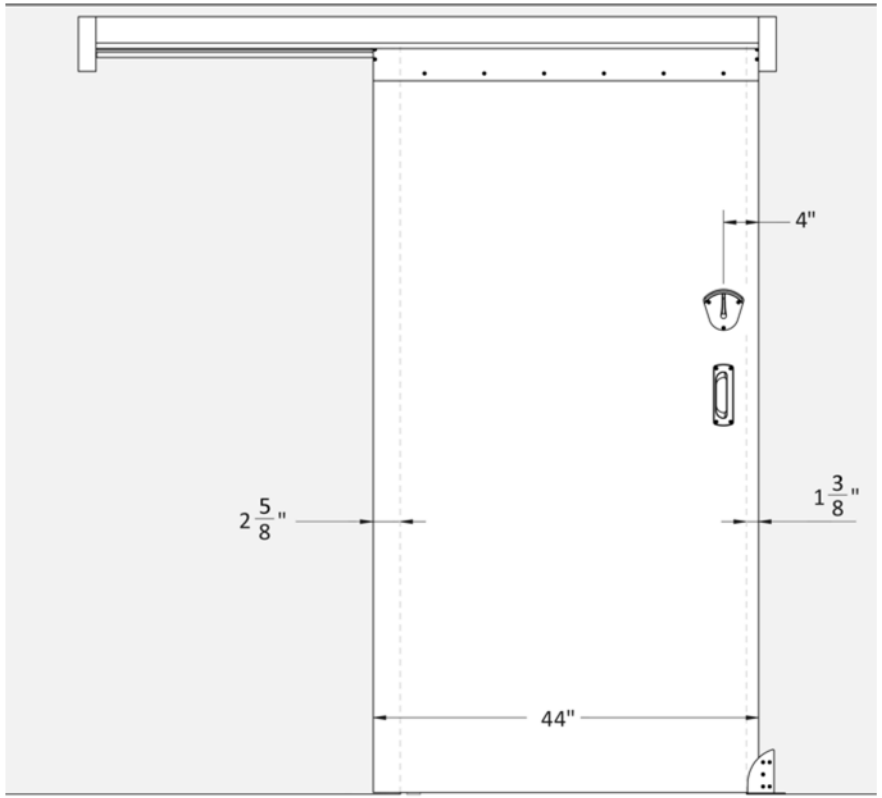
- Includes: 2 side rails, 1 top rail with factory-installed track
- Allows 2 people to install the door in approximately 20 minutes
- Once simple blocking has been added to the wall studs surrounding the door, side rails can be installed first, followed by the time frame with track
- Results in a seamless frame around the door

LR-SDS: Opening Specifications, Outside View

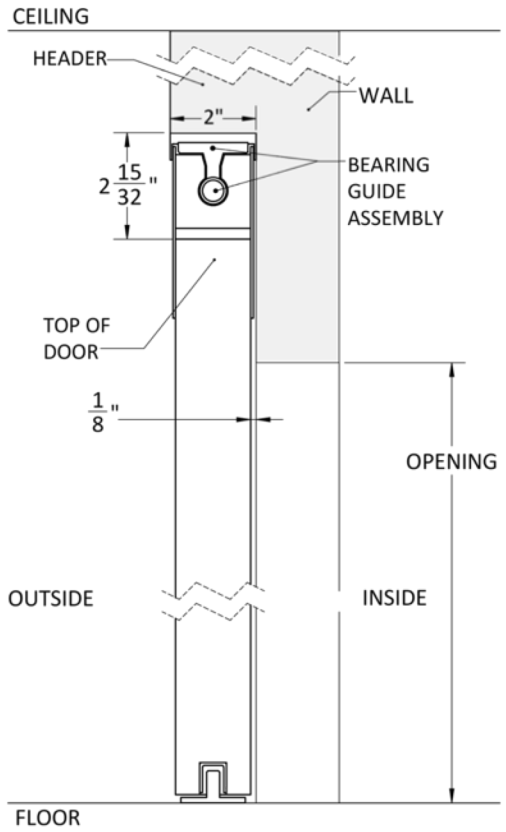
SL-LR-SDS-0 SELF-LATCHING PASSAGE FUNCTION



OPEN



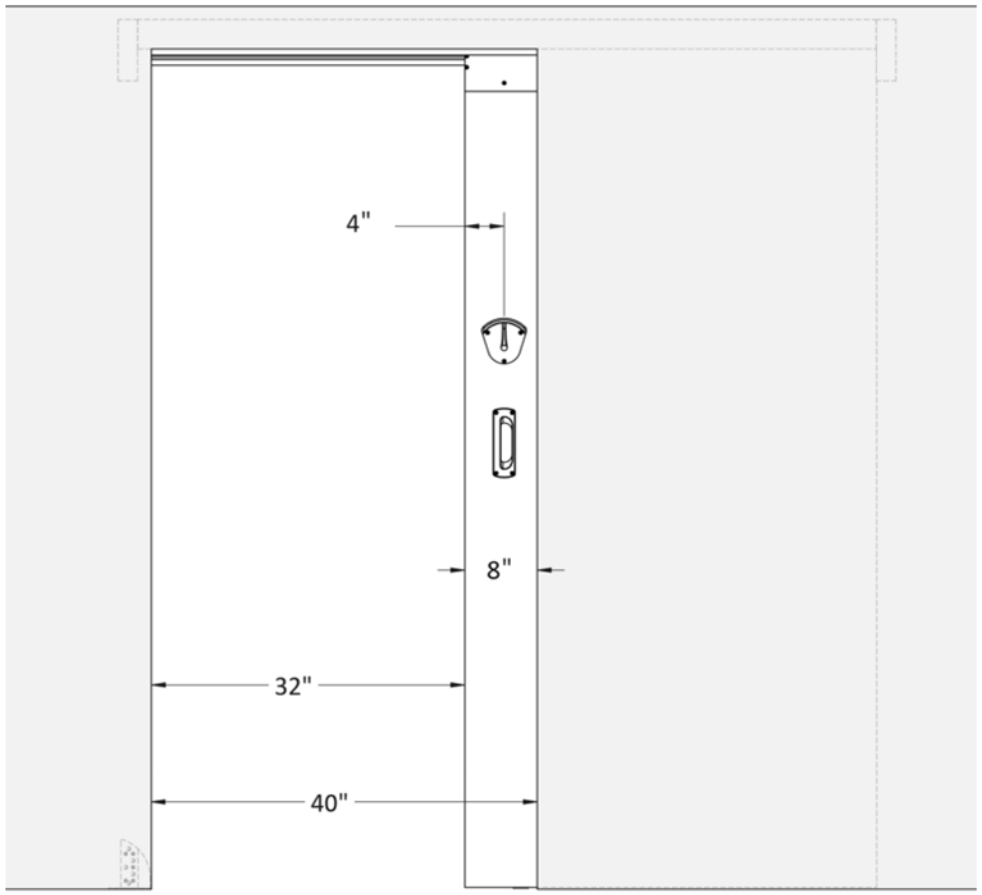
CLOSED



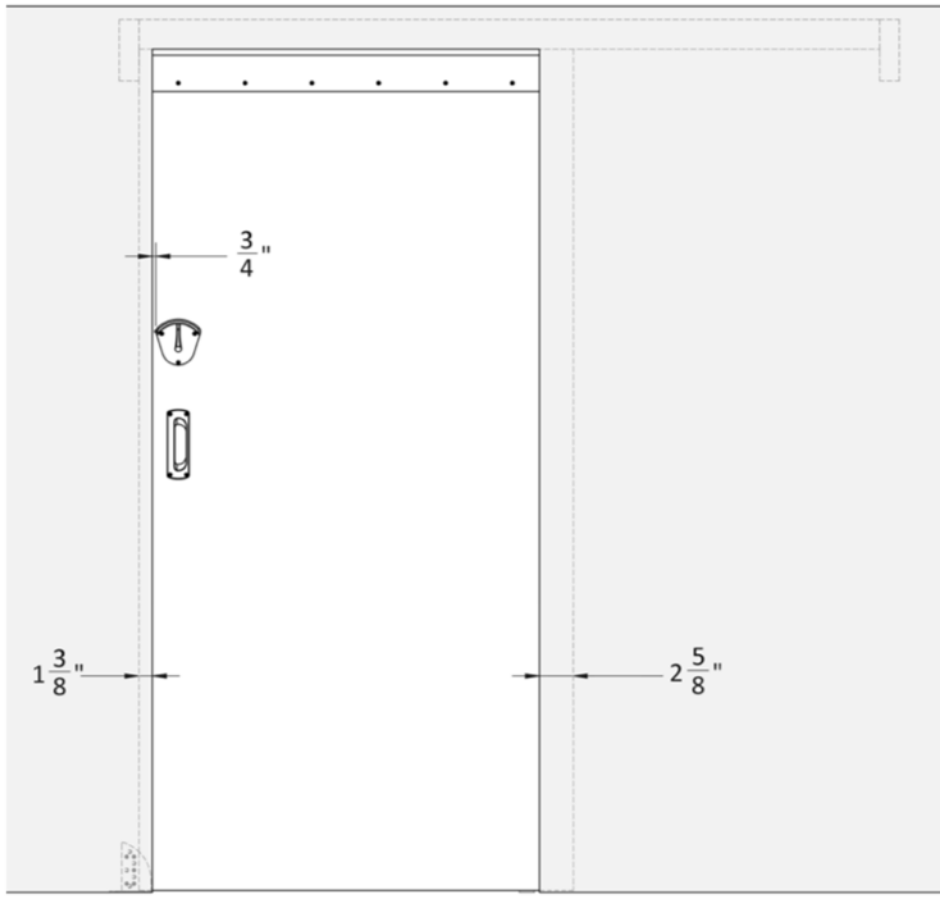
RECOMMENDED HEADER

LR-SDS: Opening Specifications, Inside View

SL-LR-SDS-0 SELF-LATCHING PASSAGE FUNCTION



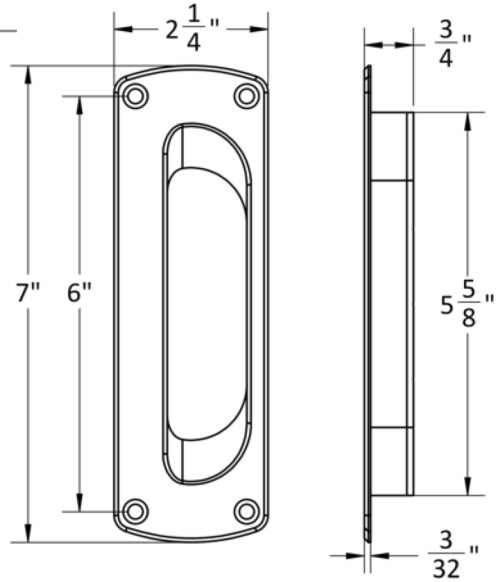
OPEN



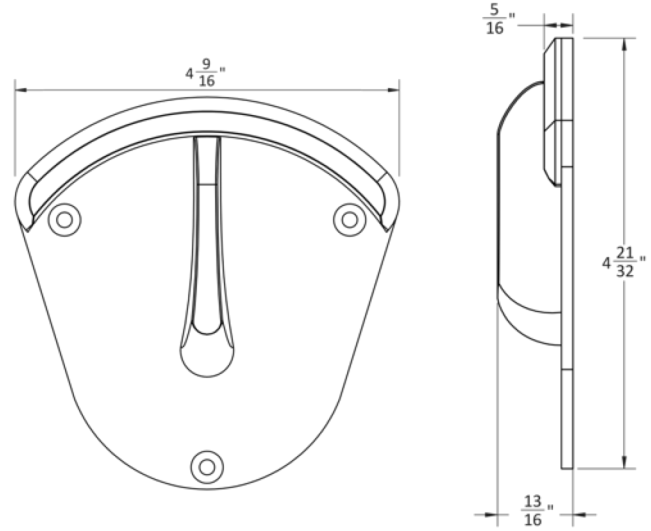
CLOSED

LR-SDS: Components

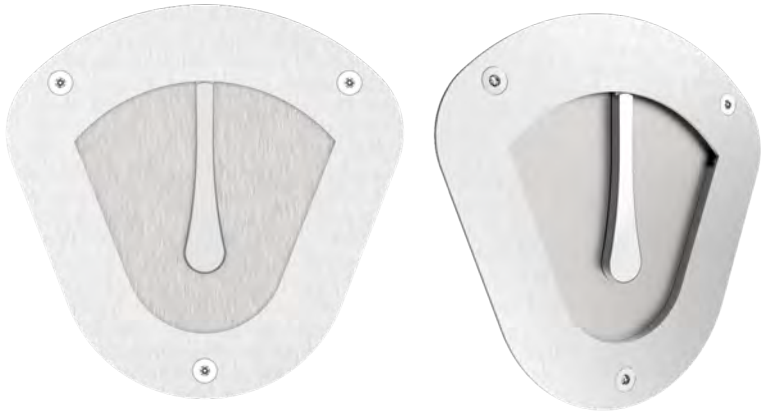
U7001AL
FLUSH PULL

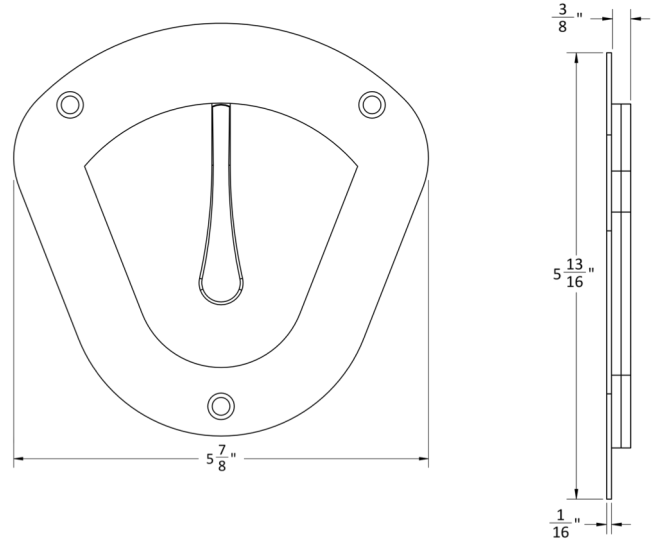


LR-ADA
THUMB TURN
Furnished Standard

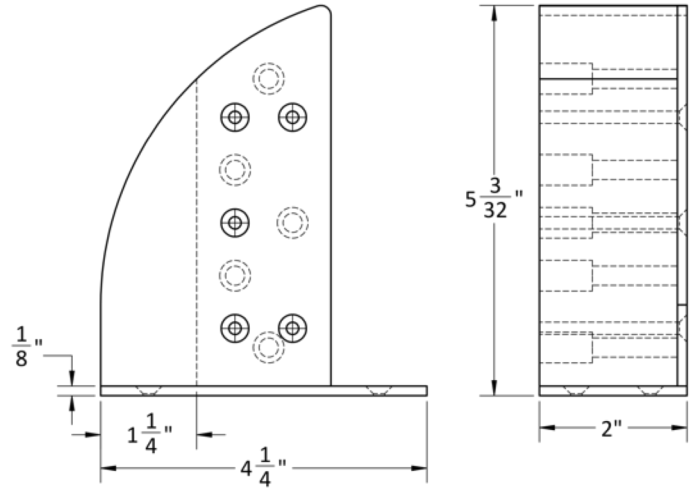


LR-ADA-F
FLUSH THUMB TURN
Special Order





LR-SDS: Shoe



Tapcon® Anchor screws included:
Each screw has a pullout strength of 1,090lbs and a shear strength of 860lbs.

How to Specify

SL-LR-SDS-0.FINISH.DOORTHICKNESS.DOORTYPE.DOORWIDTH.OPTIONS

FUNCTION
Self-Latching Tubular Lock, Passage Function, Ligature Resistant Sliding Door

FINISH
Standard US26D/US32D. Call for assistance with other architectural finishes

DOOR THICKNESS
Standard $1^3/_4$" doors

DOOR TYPE
Wood or Hollow Metal

DOOR WIDTH
Door must be minimum 10" wider than the opening (see pgs. 6-7)

Specify:
- Smoke Seal
- LR-ADA-F Flush Thumb Turn
- FF Fast Frame Kit
- Special Requests

EXAMPLES

Self-Latching Passage | Fast Frame Kit | Smoke Seal
E.g. SL-LR-SDS-0.US26D.134.WOOD.44.FF.SMOKESEAL

Self-Latching Passage with Smoke Seal | Flush Thumb Turn
E.g. SL-LR-SDS-0.US26D.134.METAL.44.LR-ADA-F.SMOKESEAL

Classroom and Storeroom Functions Coming Soon

ACCURATE LOCK & HARDWARE
MANUFACTURERS OF LOCKS AND
CUSTOM ARCHITECTURAL HARDWARE

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