

Sliding Door Hardware Product Guide



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Sliding door hardware solutions sure to satisfy.

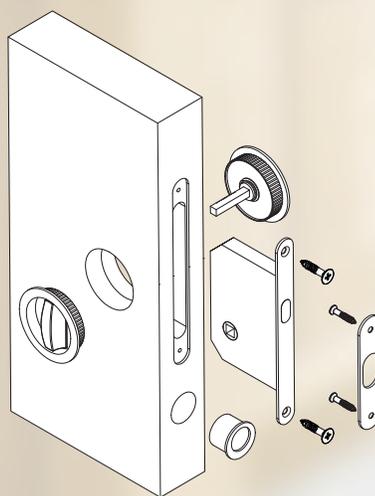
FR International is pleased to present this well-rounded collection of beautiful pocket door and barn door locks and trims, perfect for each application. In the following pages, we offer a wide variety of lock and trim design options with matching finishes that perfectly complement your project design plan.

SL1 Sliding Door Lock and Trim Hardware

FR International's SL1 sliding door lock is the original design that started it all. A perfect solution for residential and hospitality applications where design range and efficient value are a priority.

SL1 Specifications	
Case Size	2-3/4" x 4" x 1/2" (70 mm x 100 mm x 13 mm)
Face Plate	5/8" x 6-5/16" x 3/32" (16 mm x 160 mm x 2 mm)
Strike	23/32" x 3-9/16" x 3/32" (18 mm x 90 mm x 2 mm)
Backset	1-31/32" (50 mm); 1-3/16" (30 mm) upon request
Door Preparation	Refer to SL1 Door Preparation Guide
Door Thickness Range	1-3/4" to 2" (45 mm-52mm) wood/steel door
Deadbolt Extension	11/16" (17 mm) hook bolt projection
Finger Edge Pull	1-1/8" dia. (29 mm) x 13/16" (21 mm)

This best-selling privacy lock system for pocket doors provides classic reliable mechanical operation and a full selection of recessed trim designs.



SL1 lock and trim systems provide industry-leading simplicity and value, with cost effective door preparation and installation.

SL1 Recessed Trim Configurations

RD – Round

2.25" (57 mm) x 3/32" (2 mm) flange



RD-1
Privacy



RD-2
Passage with door edge finger pull

RD-3
Passage without finger pull

OV – Oval

4-3/4" (120 mm) x 1-3/8" (34 mm) x 3/32" (2 mm) flange



OV-1
Privacy Function



OV-2
Passage with door edge finger pull

OV-3
Passage without finger pull

SQ – Square

2-1/8" (54 mm) x 2-1/8" (54 mm) x 3/32" (2 mm) flange



SQ-1
Privacy Function



SQ-2
Passage with door edge finger pull

SQ-3
Passage without finger pull

TD – Teardrop

4" (102 mm) x 2-3/4" (70 mm) x 3/32" (2 mm) flange



TD-1
Privacy Function



TD-2
Passage with door edge finger pull

TD-3
Passage without finger pull

RT – Rectangle

4-7/16" (112 mm) x 2-3/8" (61 mm) x 3/32" (2 mm) flange



RT-1
Privacy Function



RT-2
Passage with door edge finger pull

RT-3
Passage without finger pull

How to Specify and Order:

Round, recessed sliding door trim with a privacy 50mm backset lock mechanism in polished chrome finish

RD	1	SL1-50	625	
Trim Shape	Function	Lock Mechanism	Finish	Misc.
Round RD	1 Privacy lock mechanism	Not applicable for functions 2 or 3	605	
Oval OV	2 Flush cups with door edge pull	SL1-50 50mm backset (default)	625	
Square SQ	3 Passage cups without door edge pull	SL1-30 30mm backset	626 or per specification	
Rectangle RT				
Teardrop TD				

SL2 Sliding Door Lock and Trim Hardware

FR International's SL2 lock is a flexible solution for barn door and pocket door applications. Surface mounted trim and recessed flush cup trim pair seamlessly with this lock, for a sleek and elegant appearance.



R71Q40 Turnknob x
DPC1009 Pull Trim
Combination Shown

SL2 Specifications	
Case Size	3-7/16" x 4-1/8" x 7/8" (87 mm x 105 mm x 22 mm)
Face Plate	1-1/4" x 5-9/16" x 1/16" (32mm x 141 mm x 1.65 mm)
Strike	1-1/8" x 3-1/2" x 1/16" (29mm x 89mm x 1.5mm) with dust box; wall strike available
Backset	2-3/4" (70 mm)
Door Preparation	Refer to SL2 Door Preparation Guide
Door Thickness Range	1-3/4" (45 mm) Std.; 1-3/4"-2-1/2" Ext. Wood/steel door
Deadbolt Extension	1" (25 mm) projection with expanding locking tabs; stainless steel

Heavy duty and rugged, this robust lock can be used in a variety of applications and is activated by turnknob, coin release, or keyed cylinder.



SL2 Function Chart

Function Code Number	SL2-1	SL2-2	SL2-3
Illustration Outside Door Inside			
Function	Privacy Turnknob and Emergency Coin Release	Privacy Turnknob and Emergency Coin Release with Indicator	Entry Turnknob and Cylinder

How to Specify and Order:

Privacy function SL2 sliding door lock with R71 turnknob on square rose outside by emergency coin release on square rose inside, in polished chrome finish, for standard door thickness.

SL2-1	EMT-Q	R71Q	625	1-3/4" - 2"	
Function	Outside Trim	Inside Trim	Finish	Door Thickness	Misc.
SL2-1 SL2-2 SL2-3	Select from catalog	Select from catalog	Per project specification	1-3/4" - 2" 2" - 2-1/2"	

Trim design selection:

SL2 lever and rose options can be selected from the offering on the following page, or from the Frascio Design Catalog. Turn knob and emergency release options can be selected from the *Surface Mounted Trim* section on page 11 of this catalog.

SL2 Trim Options

Recessed Trim

Ideal for pocket doors or bypassing barn doors where flush trim is required.

Full recessed trim sets, such as the RT rectangular option pictured here, are detailed on page 3. Recessed interior side trim can also be paired with surface-mounted pulls on the exterior, if desired.



Surface Mounted Trim

Choose from a wide variety of turnknob, coin release, indicator, and rose options shown in the Surface Mounted Sliding Door Trim section on page 11.

In addition, refer to our suggested door pulls on page 12, or our Architectural Door Pulls Catalog to see hundreds of door pull design options that can pair with the SL2 lock.

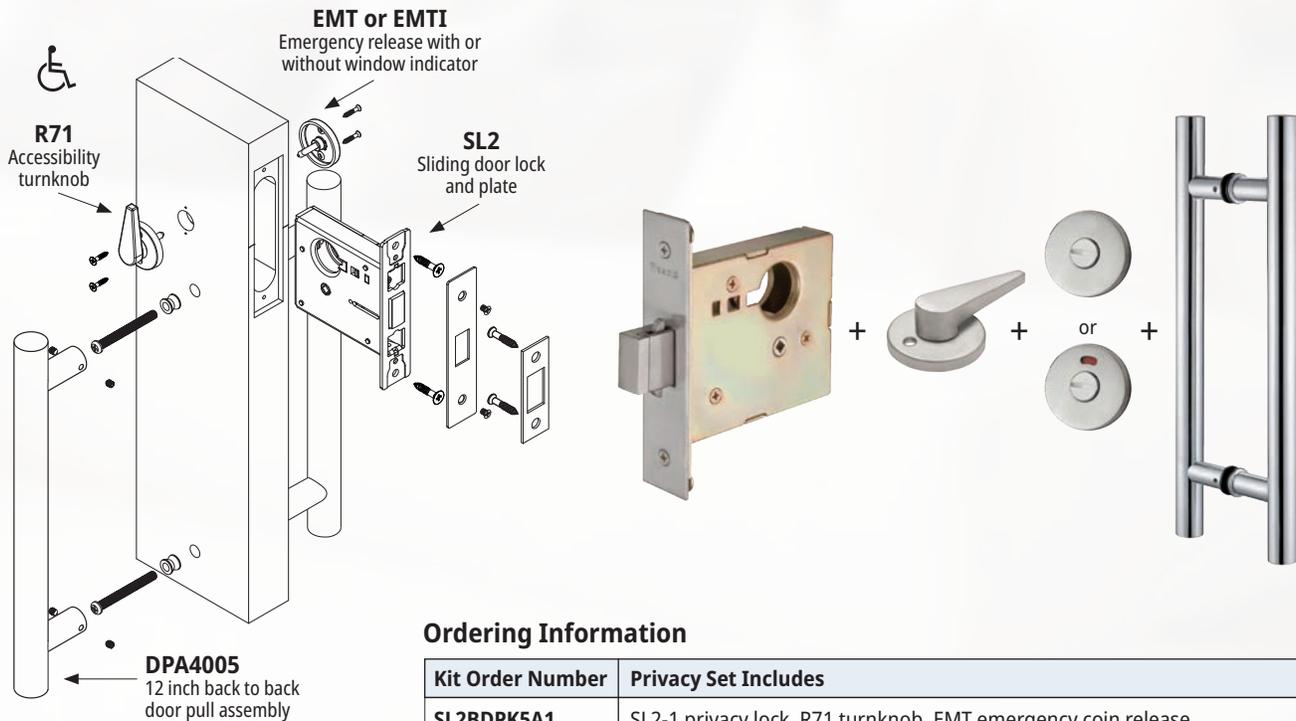


Easy Order Kit SL2 Barn Door Lock and Pull Set

Complete Set SL2 Privacy Lock and Handicap Trim bundled with Door Pull

This lock and trim set is furnished complete and ready to install, and includes our industrial strength SL2 sliding door lock, R71 ADA turnknob/emergency release, and a DPA4005 back-to-back mounted door pull.

This set is configured with handicap accessibility in mind and complies with the ADA requirement for no pinching or grasping needed to operate the lock.



Ordering Information

Kit Order Number	Privacy Set Includes
SL2BDPK5A1	SL2-1 privacy lock, R71 turnknob, EMT emergency coin release, DPA4005 12" OAL BTB pull set
SL2BDPK5A2	SL2-2 privacy lock, R71 turnknob, EMTI emergency coin release with indicator window, DPA4005 12" OAL BTB pull set

SL5 Sliding Door Lock and Trim Hardware

FR International's SL5 sliding door mortise lock provides secure locking for sliding pocket and barn doors while integrating a vertically mounted lever for convenient unlocking and door pull functionality in one continuous motion.



SL5 Specifications	
Case Size	4-5/16" x 6" x 1" (110 mm x 152 mm x 25 mm)
Armor Front	1-1/4" x 8" x 7/32" (32 mm x 203 mm x 5 mm)
Backset	2-3/4" (70 mm)
Door Preparation	Edge bore conforms to ANSI A115.1
Door Thickness Range	1-3/4" to 2-1/2" (45 mm-64 mm) wood/steel door
Beveled Doors	Self-adjusting case
Case Handing	Field reversible
Spindles	Breakable to prevent the lock case from unlocking or being damaged
Deadbolt	1" (25 mm) projection with expanding locking tabs; stainless steel



The SL5 complies with the ADA requirement for no pinching or grasping needed to operate the lock. Code-compliant single motion egress is provided, as pulling the interior lever automatically unlocks the lock while it opens the door.

See available surface mounted trim options on page 11.

BDS-1 Wall Strike Option
See page 11.



How to Specify and Order:

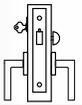
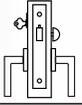
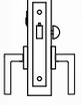
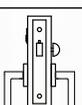
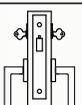
745 Modulo L lever on a small rose, in brushed satin stainless steel, privacy lock function with ADA thumbturn and emergency release

745	SM	SL5-26	630	RH	R71	EMT
Lever	Rose/Esc	Function	Finish	Handing	Option	Option
745	SM	SL5-13	Per project specification	RH	Turnknob design option	Release indicator option
	SMT	SL5-15		LH		
	SMO	SL5-19				
	SMQ	SL5-26				
	SMQR	SL5-57				

Trim design selection:

Refer to our Frascio Design Catalog to select from a wide range of lever and rose options. Turnknob and release options are shown on page 11 of this catalog.

SL5 Function Chart

Function Code Number	Illustration Outside ◀ ▶ Inside	Function/Description
SL5-13		Corridor Lock Outside key and inside thumb-turn retracts/extends deadbolt. Extending deadbolt locks outside lever. Inside lever retracts deadbolt.
SL5-15		Storeroom Lock Outside lever always rigid. Outside key and inside thumb-turn retracts/extends deadbolt. Inside lever always free for egress.
SL5-19		Privacy w/Emergency Turn Retracts deadbolt from either lever. Thumb-turn extends/retracts deadbolt. Extending deadbolt locks outside lever. Inside lever retracts deadbolt, automatically unlocking outside lever. To unlock from outside, insert emergency key into outside privacy hole and rotate.
SL5-26		Privacy w/Coin Turn Retracts deadbolt from either lever. Inside thumb-turn or outside coin turn retracts/extends deadbolt. Extending deadbolt locks outside lever. Inside lever retracts deadbolt, automatically unlocking outside lever.
SL5-57		Classroom Security Lock Retracts deadbolt from either lever. Outside and inside key retracts/extends deadbolt. Extending deadbolt locks outside lever. Inside lever retracts deadbolt, automatically unlocking outside lever. Inside lever always free for egress.

Note: On all functions the outside lever is always rigid

Example Lever Design Options

The SL6 lock can be operated by any FR International lever handle. Shown here are just a few examples of the decorative lever designs engineered to work perfectly with the our SL5 lock on pocket doors and surface sliding doors.

Many more designs are available in our product catalog at www.FRInternational.com.



220 Alpha



270 Metro



400 Soft



620 Tuke



650 Kalé



745 Modulo L



900 Stella



903 Trevi



1540 Chill



5100 Lucia



6210 Base



6612 Marco

SL6 Sliding Door Lock and Trim Hardware

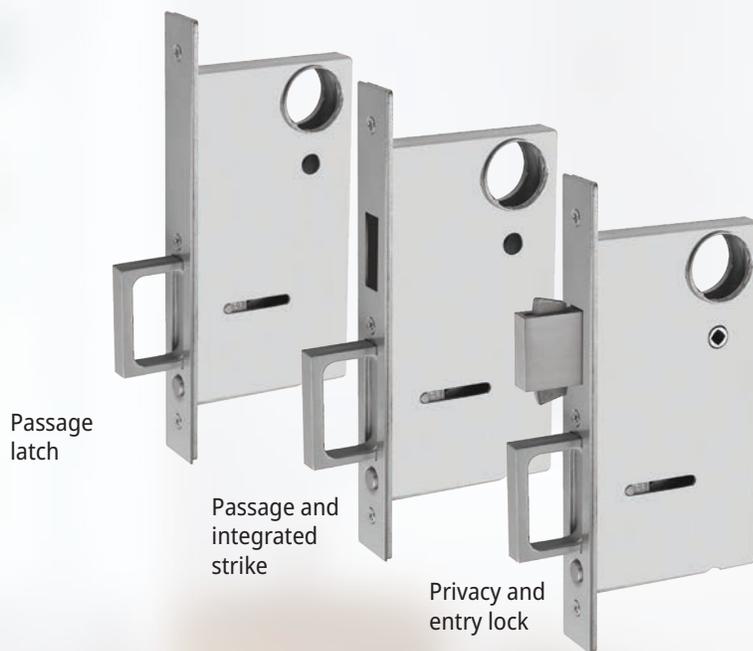
FR International's SL6 Series lock and trim is ideal for sliding pocket and barn door applications, where space saving recessed trim is required and a retractable flush edge pull provides ergonomic convenience.



Perfect for use in residential and hospitality applications where reliable function and elegant design are appreciated.

SL6 Specifications	
Case Size	3-1/4" x 6" x 19/32" (82 mm x 154 mm x 15 mm)
Face Plate	1" x 8" x 1/16" (26 mm x 203 mm x 1.5 mm)
Backset	2-1/2" (63 mm)
Door Preparation	Refer to SL6 Door Preparation Guide
Door Thickness Range	1-3/8" (35mm) to 2" (2") wood door
Deadbolt Extension	1" (25 mm) projection with expanding locking tabs; stainless steel
Edge Pull Size	1-3/16" (30 mm) x 2" (51 mm)
Strike	1-3/16" x 4-3/8" x 1/16" (30mm x 111mm x 1.5mm), with cast metal strike box

Standard finishes: 619 and 622. Other finishes available based on project specification.



How to Specify and Order:

Privacy function SL6 sliding door lock with rectangular plate trim, in satin nickel finish, for a standard range door thickness

SL6-1	RC	619	
Function	Trim	Finish	Misc.
SL6-1	RC	619	
SL6-2	OL	622	
SL6-3	RN	Per project specification	
SL6-4	SR		
SL6-5			
SL6-6			

SL6 Recessed Trim Configurations

RC – Rectangular

7-1/2" (190 mm) x 2-3/8" (60 mm) x 1/16" (1.5mm) flange



Blank Cylinder Turnknob Coin Release

OL – Oval

7-1/2" (190 mm) x 2-3/8" (60 mm) x 7/64" (2.8mm) flange



Blank Cylinder Turnknob Coin Release

RN – Round

2-1/2" (63 mm) diameter x 7/64" (2.8 mm) flange



Blank Turnknob Coin Release

SR – Square

2-1/2" (65 mm) square x 7/64" (2.8 mm) flange



Blank Turnknob Coin Release

Trim Combinations

RC – Rectangular		
1: Coin Release x Turnknob	2: Blank x Blank	3: Cylinder x Turnknob
OL – Oval		
1: Coin Release x Turnknob	2: Blank x Blank	3: Cylinder x Turnknob
RN – Round		
1: Coin Release x Turnknob	2: Blank x Blank	
SR – Square		
1: Coin Release x Turnknob	2: Blank x Blank	

SL6 Function Chart

Function Code Number	SL6-1	SL6-2	SL6-3	SL6-4	SL6-5	SL6-6
Illustration Outside Door Inside						
Function	Privacy	Passage With edge pull	Passage With edge pull and integrated strike	Passage No edge pull	Bolt only	Entry
Trim Combination	1	2	2	2	1 or 3	3

EP6 Pocket Door Edge Pull

Crafted for non-locking passage pocket doors, this spring-loaded edge pull is designed for seamless door operation.

With the simple press of a button, the EP6 pocket door edge pull effortlessly pops out, providing a comfortable grip for pulling the door out of the pocket.

Its intuitive mechanism ensures smooth functionality, allowing for easy access between rooms without the need for traditional handles or knobs.



Shown with RC trim option

EP6 Specifications	
Case Size	3-1/4" x 3-1/2" x 19/32" (82 mm x 89 mm x 15 mm)
Face Plate	1" x 5-7/16" x 1/16" (26 mm x 138 mm x 1.5 mm)
Door Preparation	Refer to EP6 Door Preparation Guide
Door Thickness	1-3/8" (35mm) to 4" (102 mm)
Edge Pull Size	1-3/16" (30 mm) x 2" (51 mm)

Durable cast metal case



How to Specify and Order:

Passage function EP6 pocket door edge pull with recessed rectangular trim, in dark bronze finish

EP6	RC	613
Function	Trim	Finish
Passage only	RC – Rectangular OL – Oval RN – Round	619 622 613 Per project specification

Refer to page 9 for Trim Options. EP6 can be ordered without trim.

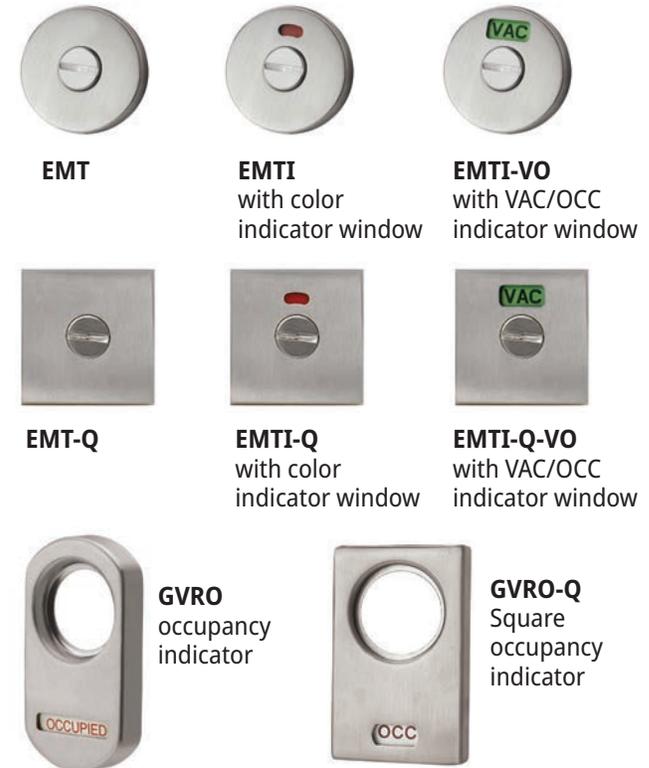
Surface Mounted Sliding Door Trim

Surface mounted turnknob and emergency release assemblies are available for use with SL1, SL2, SL5, and SL6 sliding lock systems, when recessed trim is not required. FR International offers a wide variety of designs and configurations shown below.

Turnknob Design Options



Emergency Release/Indicator Options



*CF Concealed Fastener option available on round roses
Additional options and custom design capabilities are available upon request.

How to Order: Refer to the applicable **How to Specify and Order** guide for each FR International sliding door lock system.

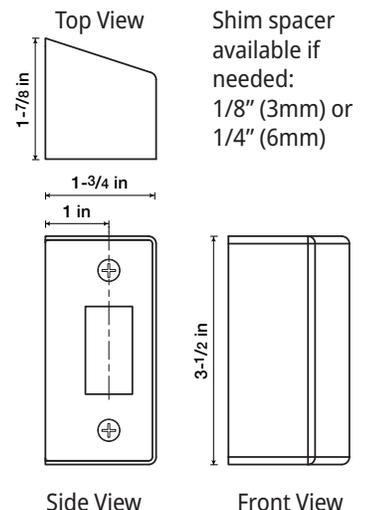


BDS-1 Sliding Door Wall Strike

The BDS -1 is a durable self-enclosed wall strike solution enabling sliding barn doors to lock without a door jamb or other millwork structure.

- Suitable for use with FR International SL2 and SL5 sliding door mortise locks.
- Concealed enclosure fastener system eliminates visible screws when door is in the closed position.
- Adjustable mounting bracket provides convenient installation.

BDS-1 Specifications	
Material	Stainless Steel
Standard Door Thickness	1-3/4" (45 mm)
Strike Enclosure Size	3-1/2" (91 mm) x 1-7/8" (48 mm) x 1-3/4" (44 mm)
Strike Opening Size	1-3/8" (35 mm) x 3/4" (19 mm)



Pulls for Sliding Doors

In addition to locking systems, sliding doors can be operated by both surface and flush pulls, depending on the details of the opening. FR International proudly offers a world-class range of pull designs, ranging from classic architectural pulls, to decorative designs as well as recessed flush options.

Architectural Pulls

FR International architectural door pulls are available in both straight and offset versions and can be configured in an unlimited variety of shapes, sizes, materials, and finishes. Our pulls can easily be tailored to meet special project requirements.

In addition, we also proudly offer a range of standard ladder pulls in the most popular sizes, and with convenient availability. Shown in this chart are typical ladder pull sizes, custom CTC sizes are also available.

Typical Ladder Pull Sizes (custom sizes also available)					
Overall	12"	18"	24"	36"	48"
CTC	8"	14"	18"	30"	36"



Refer to FR International's *Architectural Door Pulls* catalog for a wide range of architectural door pull options.

Flush Pulls

FR International offers a wide range of make-to-order flush recessed pulls for sliding pocket and barn door applications. Stainless steel, brass, bronze, and aluminum materials are utilized depending on the requirements of the project.

In addition to custom sizes, we have an extensive library of designs we've previously produced. Shown to the right are a few shape and style examples.



Custom Pulls

Sliding doors can provide the perfect palette for customized pull designs. Make a bold statement or an elegant impression with just the right product shape, size and finish.

Contact us with your pull requirement or even a concept sketch or photo. Let our design and engineering team help you bring your custom design concepts to life.



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