



## M7800 Mechanical Mortise Locksets



### Grade 1 Mortise Locksets

**SDC Heavy Duty Mortise Locks comply with American National Standard Institute requirement ANSI/ BHMA 156.13 Grade 1. All our locks are field reversible and require only simple steps for changing the hand of lock for easy installation.**

- Reversible without disassembly
- May retrofit other brand locksets (consult factory)
- Clutch for vandal resistance

#### Specifications

##### Clutch

Internal clutch provides vandal resistance by permitting lever rotation without retracting latch when locked

##### Handing

M7800 Series locks are field reversible without disassembly.

##### Door Thickness

For use on 1-3/4" (44mm) thick door standard. Specify thickness if other than standard for up to 2-1/4" thick door.

**Backset:** 2-3/4" (70 mm).

**Armored Front:** 1-1/4" x 8" x 7/32"  
(32 mm x 203 mm x 6 mm) standard.

**Case:** 3-15/16" x 6-1/16" x 29/32"  
(100 mm x 154 mm x 23 mm)

**Bolts:** 3/4" (19mm) throw stainless steel latch  
with anti-friction tongue.  
1" (25mm) throw stainless steel deadbolt.

**Levers:** Forged brass or bronze and cast stainless steel

##### Spring Cages

One or two heavy duty spring cages as required per function.

##### Rose and Escutcheon

Heavy wrought reinforced brass, bronze and stainless steel.

**Strike:** ANSI curved lip strike 1-1/4" x 4-7/8"  
(32 mm x 124 mm) x 1-3/16" (30 mm)  
lip to center with dust box standard.

**Cylinder & Keys Optional:** 1-1/8" 6 pin with 'C' type keyway

##### I-Core

Compatible with Interchangeable Core Cylinders  
provided by others















UL listed "A" label (3 hours) fire exit hardware  
in accordance with UL 10C, UBC 7-2(1997)

**SECURITY DOOR CONTROLS**

[sdsecurity.com](http://sdsecurity.com)  
[service@sdsecurity.com](mailto:service@sdsecurity.com)

Price & Installation



FUNCTION	MODEL	ANSI	DESCRIPTION
	M7801	F01	<b>Passage</b> - Latchbolt retracted by lever from either side at all times
	M7804	F04	<b>Office</b> - Latch bolt operated by lever from either side except when outside lever is made inoperative by key outside or by turning inside thumb turn. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. Outside lever remains locked until thumb turn is return to vertical position or unlock by key. Auxiliary latch deadlocks latchbolt when doors closed.
	M7805	F05	<b>Classroom</b> - Latchbolt retracted by lever from either side unless outside is locked by key. Unlocked from outside by key. Inside lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed.
	M7807	F07	<b>Storeroom</b> - Latchbolt retracted by key outside or by knob/lever inside. Outside lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.
	M7809	F09	<b>Apartment Entrance / Vestibule</b> - Latch bolt operated by lever from either side, except when outside lever is locked by key from inside. When outside lever is locked, latch bolt is retracted by key from outside or by operating inside lever. Auxiliary dead latch.
	M7813	F13	<b>Corridor / Exit</b> - Latch bolt operated by lever from either side. Dead bolt projected by key from outside and turn from inside. Operating inside lever retracts both bolts and unlocks outside.
	M7820	F20	<b>Entrance</b> - Latch bolt operated by lever from either side, except when outside lever is made inoperative by toggle button. Dead bolt operated by key outside or turn inside. Key outside operates both bolts. Operating inside lever retracts both bolts and outside remains locked. Latch bolt is deadlocked when outside lever is made inoperative or when the dead bolt is projected. When dead bolt is retracted, lever is unlocked by toggle button.
	M7822	F02 F04 F22	<b>Privacy</b> - Latch bolt operated by lever from either side except when outside lever is locked by inside thumb turn. Operating inside lever, closing door or operating outside emergency release unlocks outside lever.
	M7871		<b>Single Dummy Trim</b> - Lever on one side fixed by mounting bar.
	M7872		<b>Double Dummy Trim</b> - Lever on both sides fixed by mounting bar.
	M7875		<b>Single Dummy Trim</b> - Lever on both sides fixed. Includes lock chassis and armor front.
	M7876		<b>Double Dummy Trim</b> - Lever on both sides. Includes lock chassis and armor front.



### How to Specify

#### Functions

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- M7801** Passage
- M7804** Office
- M7805** Classroom
- M7807** Storeroom
- M7809** Apartment Entrance / Vestibule
- M7813** Corridor / Exit
- M7820** Entrance
- M7822** Privacy
- M7871** Single Dummy Trim
- M7872** Double Dummy Trim
- M7875** Single Dummy Trim with Chassis
- M7876** Double Dummy Trim with Chassis

#### Handing

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- L** Left hand
- R** Right hand
- LR** Left hand reversed
- RR** Right hand reversed

#### Finish

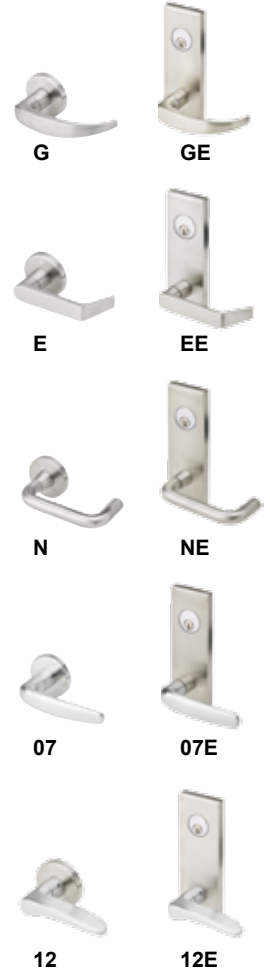
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- U** 630 Dull Stainless (Standard)
- C** 605 Bright Brass
- D** 606 Dull Brass
- F** 611 Bright Bronze
- G** 612 Dull Bronze
- H** 613 Oil Rubbed Bronze
- P** 625 Bright Chrome
- Q** 626 Dull Chrome
- S** 629 Bright Stainless Steel

#### Lever Trim

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- G** Galaxy with rose
- GE** Galaxy with Escutcheon
- E** Eclipse with rose
- EE** Eclipse with Escutcheon
- N** Nova with rose
- NE** Nova with Escutcheon
- 07** Schlage Manhattan equivalent with SDC B rose
- 07E** Schlage Manhattan equivalent with SDC escutcheon
- 12** Schlage Jupiter equivalent with SDC B rose
- 12E** Schlage Jupiter equivalent with SDC escutcheon



#### Key Cylinder - Optional

##### CYL-6KDQ

6 pin, 1.125" mortise cylinder, keyed different, dull chrome

##### CYL-6KAQ

6 pin, 1.125" mortise cylinder, keyed alike, dull chrome



### ***Retrofit Applications***

SDC M7800 series locksets retrofit the following existing door preps of the following lock brands with rose or escutcheon trim.

Knob or lever trim mounting holes only may require relocation. See SDC M7800 template

- Schlage
- Corbin
- Lawrence
- Hager
- Cal-Royal
- Dorma
- Marks
- Sargent
- Arrow

SDC M7800 series locksets retrofits the following existing door preps of the following lock brands with escutcheon trim only.

Minor modification to key cylinder hole position is required and trim mounting trim mounting holes may relocation. See SDC M7800 template

- Falcon
- Yale
- PDQ