



GRADE 1 MORTISE LOCKSETS
M7800 MECHANICAL
 MORTISE LOCKSETS

Grade 1 Mortise Locksets

IDC 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 lock sets (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 dead bolt.

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)

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FUNCTION	MODEL	ANSI	DESCRIPTION
	M1001	F01	Passage - Latch bolt retracted by lever from either side at all times
	M3004	F04	Office - 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.
	M2005	F05	Classroom - Latch bolt 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 latch bolt when door is closed.
	M2007	F07	Storeroom - Latch bolt retracted by key outside or by knob/lever inside. Outside lever always inoperative. Auxiliary latch deadlocks latch bolt when door is closed.
	M2009	F09	Apartment Entrance / Vestibule - Latch bolt operated by lever from either side, except when outside lever is locked by key from outside or by operating inside lever. Auxiliary dead latch.
	M2413	F13	Corridor / Exit - 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.
	M3420	F20	Entrance - 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	Privacy - 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.
	M0071		Single Dummy Trim - Lever on one side fixed by mounting bar.
	M0072		Double Dummy Trim - Lever on both sides fixed by mounting bar.
	M0075		Single Dummy Trim - Lever on both sides fixed. Includes lock chassis and armor front.
	M0076		Double Dummy Trim - Lever on both sides. Includes lock chassis and armor front.

How to Specify

Functions

- M1001** Passage
- M3004** Office
- M2005** Classroom
- M2007** Storeroom
- M2009** Apartment Entrance / Vestibule
- M2413** Corridor / Exit
- M3420** Entrance
- M7822** Privacy
- M0071** Single Dummy Trim
- M0072** Double Dummy Trim
- M0075** Single Dummy Trim with Chassis
- M0076** Double Dummy Trim with Chassis

Handing

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

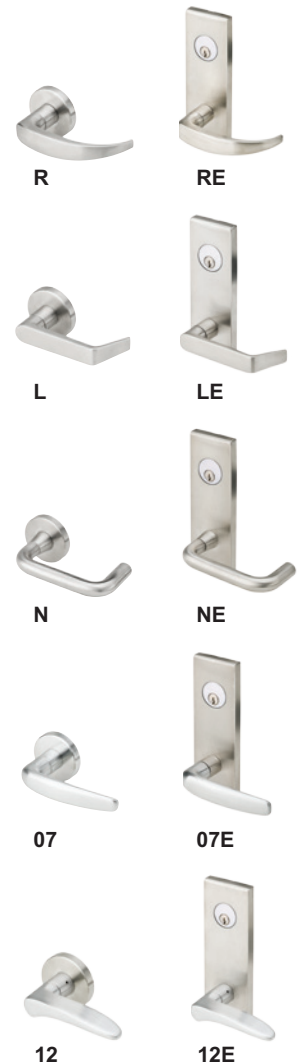
Finish

- 630 Dull Stainless (Standard)
- 605 Bright Brass
- 606 Dull Brass
- 611 Bright Bronze
- 612 Dull Bronze
- 613 Oil Rubbed Bronze
- 625 Bright Chrome
- 626 Dull Chrome
- 629 Bright Stainless Steel



Lever Trim

- R** Type with rose
- RE** Type with Escutcheon
- L** Type with rose
- LE** Type with Escutcheon
- N** Nova with rose
- NE** Nova with Escutcheon
- 07** Schlage equivalent with B rose
- 07E** Schlage equivalent with escutcheon
- 12** Schlage equivalent with B rose
- 12E** Schlage equivalent with escutcheon



Retrofit Applications

IDC 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 IDC M7800 template

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

IDC 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 holes may relocation. See IDC M7800 template

- Falcon
- Yale
- PDQ

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

