

# Klacci®

Architectural Locks & Hardware

ANSI Grade 1  
M Series  
Heavy Duty

## Mortise Lock



**T** 886 6 3840722

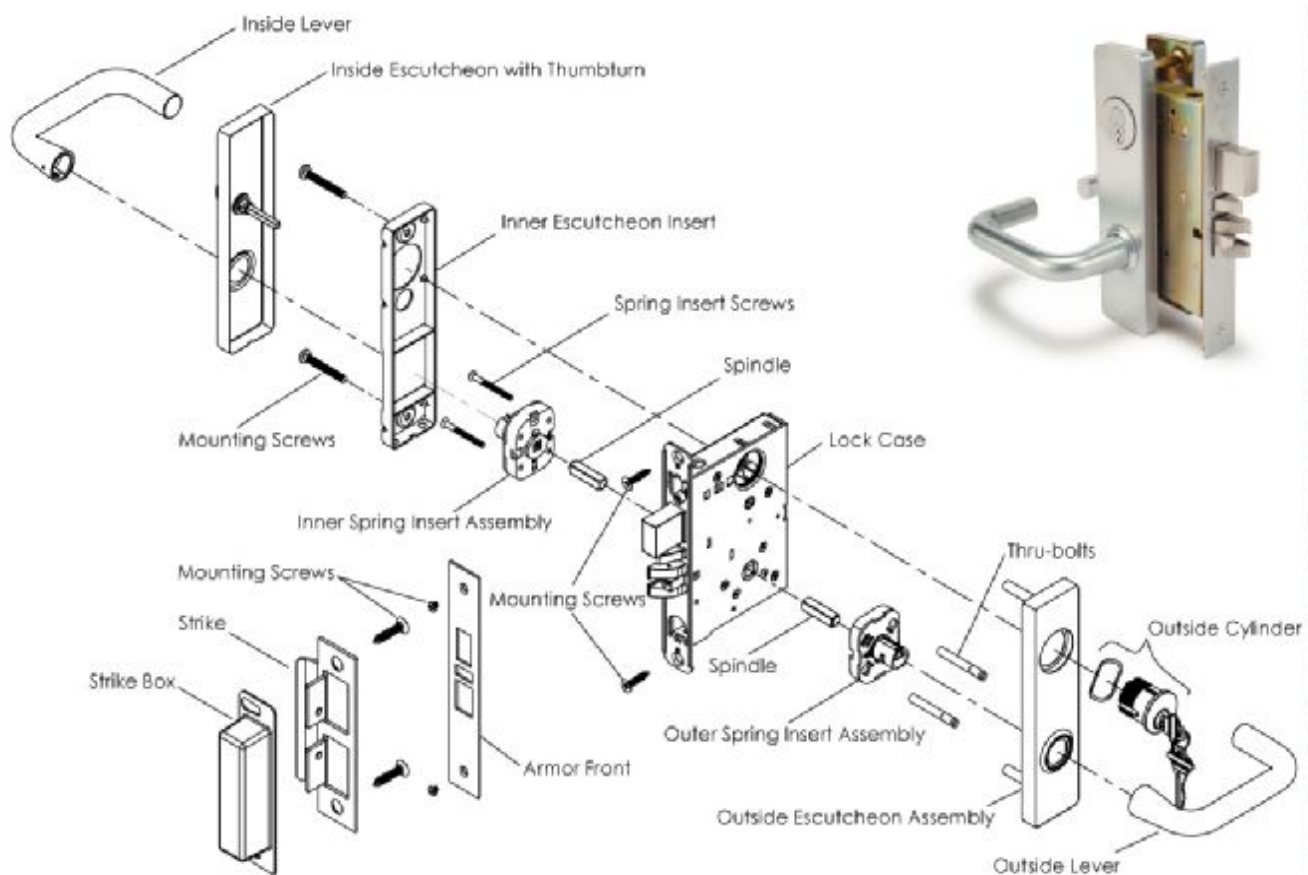
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## life unlocked

www.klacci.com

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## FEATURES

- >M Series is a heavy duty commercial mortise lock, all bolts are made of stainless steel, most working parts inside the case are made of high strength steel alloy. It is UL listed for 3-Hour fire rating, it also meets or exceeds the ANSI A156.13 Grade 1 specification.
- >The lock case has a dimension of 3 5/8" (92mm) center cylinder to spindle, which enable the lock to retrofit most of manufacturers' mortise lock, without or with a little modification to the drill hole of door, offering like for like replacement capabilities.
- >The lock case is non-handed, reversibility without disassembling the lock case allowing for a full compliment of functions. A single lock case for all trims allows excellent trim design combination flexibilities.
- >Extra ordinary feature of this lock is the lever or knob retained by lever/knob keeper. Material of lever can be optional for either forged solid brass or lower cost pressure zinc cast; rose and escutcheon are snap-on. Steps of installation are minimal, fast and easy as a cylindrical lock.

## SPECIFICATIONS

<b>Applications</b>	For commercial and institutional buildings where the finest mortise locks are required.
<b>Certifications</b>	ANSI A156.13 Series 1000, Grade 1 operational and security. UL Listed for 3-Hour fire rating.
<b>Case Size</b>	4 5/16" x 6" x 1" (110 mm x 152 mm x 25 mm).
<b>Armor Front</b>	1 1/4" x 8" x 7/32" (32 mm x 203 mm x 5 mm) Standard, 1 1/16" x 8" x 7/32" (27 mm x 203 mm x 5 mm) optional.
<b>Backset</b>	2 3/4" (70 mm) only.
<b>Door Preparation</b>	Conforms to ANSI A115.1.
<b>Door Range</b>	1 3/8" (35mm) to 2 1/2" (64 mm) Steel door. 1 3/4"(45mm) to 2 1/2"(64mm) wood door.
<b>Beveled Doors</b>	Self-adjusting case.
<b>Spacing</b>	3 5/8" (92 mm) Center cylinder to spindle. 2 7/16" (62 mm) Center thumbturn to spindle.
<b>Deadbolt</b>	1" (25 mm) Throw, stainless steel.
<b>Latchbolt</b>	3/4" (19 mm) Throw, with anti-friction tongue, all stainless steel.
<b>Deadlocking Bar</b>	Non-handed, stainless steel.
<b>Case Handing</b>	Field reversible without removing case.
<b>Through Bolts</b>	Through-bolted trim self-align with lock case.
<b>Stopworks</b>	Incorporated into thumbturn.
<b>Strike</b>	Curved lip non-handed. Custom lip lengths at 1/8" (3 mm) increments available.
<b>Spindles</b>	Breakable to prevent the lock case from unlocking or being damaged.
<b>Cylinder</b>	6-pin cylinder standard, with two nickel silver keys, "C" keyway. Can be masterkeyed or grand masterkeyed, construction key system available.
<b>I/C Core</b>	6 or 7-pin, compatible with Best® and Falcon®
<b>Cylinder Guard</b>	Tapper cylinder guard with tension spring to resist wrenching of cylinder.
<b>Trim Designs</b>	Levers/Knobs forged solid brass or lower cost pressure zinc cast, attached to rose plate/escutcheon. Outside lever/knob cannot be removed from outside. Inside lever/knob can be snapped in place. Return spring in trim to enhance protection against lever droop, providing a firm and positive return of lever to horizontal.
<b>Roses</b>	2 7/16" (62 mm) Diameter, positive friction attachment.
<b>Escutcheons</b>	1 15/16" x 8" (50 mm x 203 mm), positive friction attachment.
<b>Fasteners</b>	Concealed under the rose/escutcheon.
<b>Trim Combinations</b>	Available with lever both sides, knob both sides, or knob x lever with rose or escutcheon both sides.
<b>Finishes</b>	605, 606, 611, 612, 613, 625, 626, 629, 630

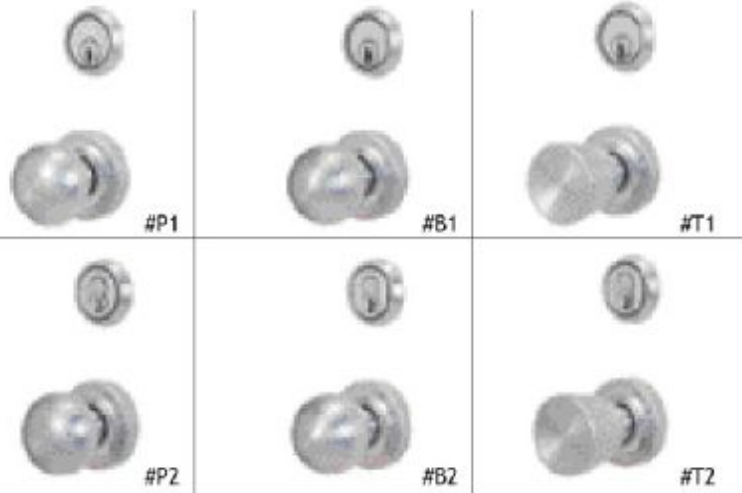




TRIM DESIGN VARIATIONS

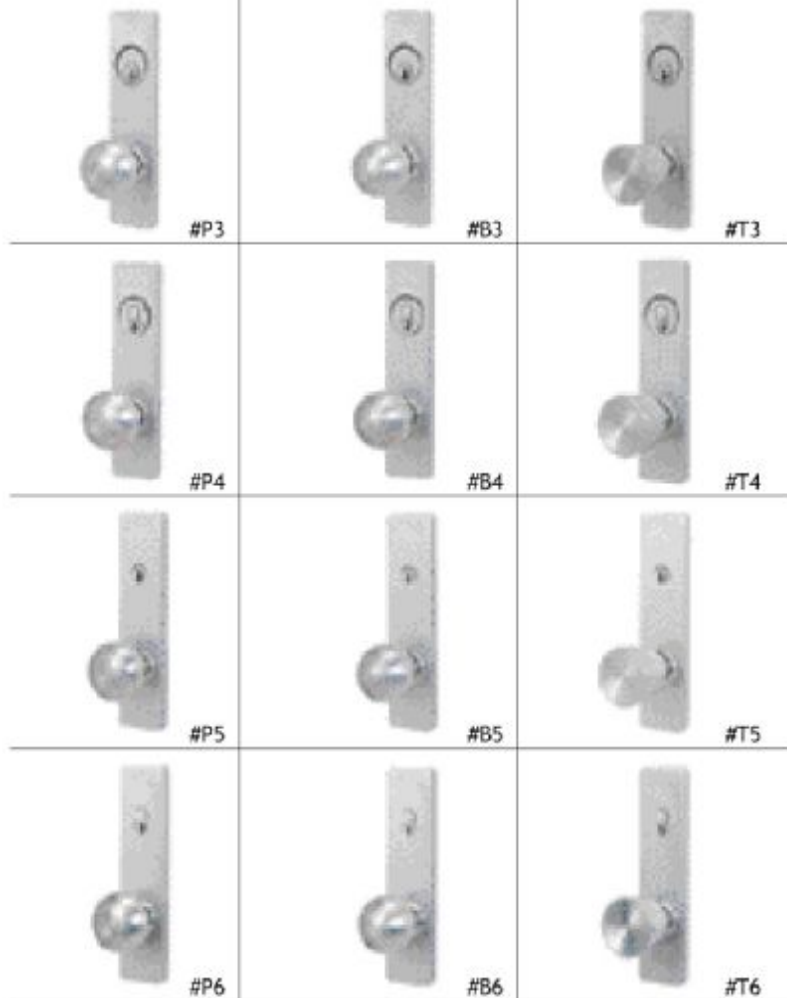
**MS Model**

Sectional Design



**ME Model**

Escutcheon Design



## TRIM DESIGN VARIATIONS

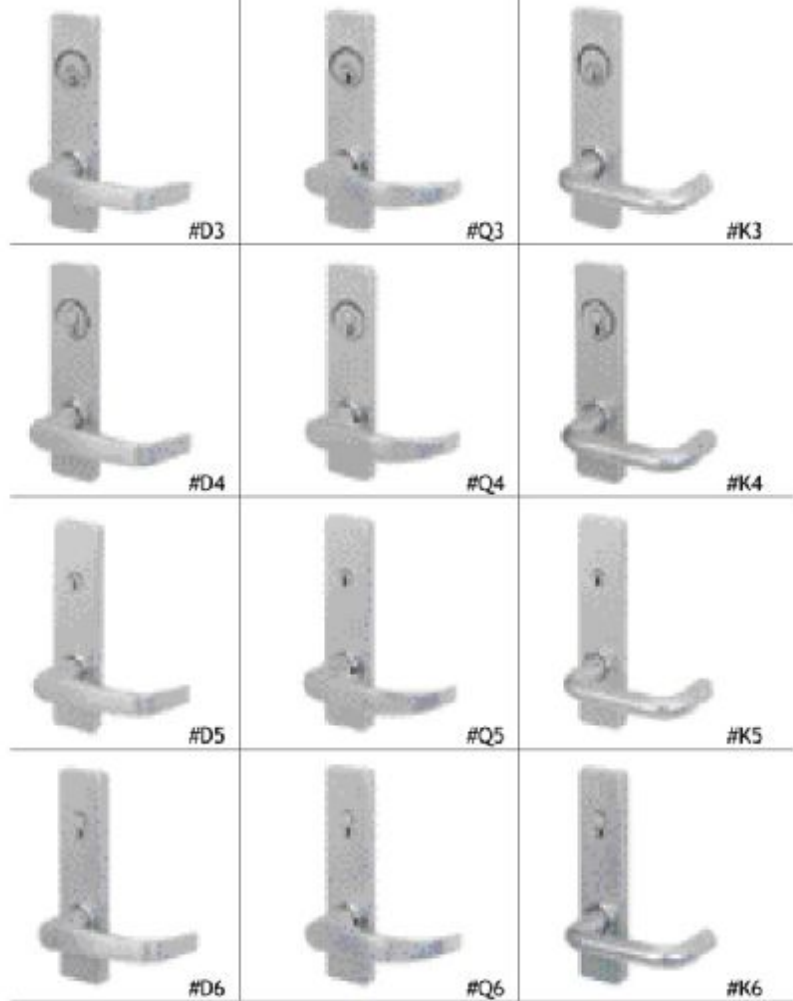
### MS Model

Sectional Design

















### ME Model

Escutcheon Design



## FUNCTIONS






### Keyed Locks

Function Code Number	Illustration	Description	ANSI Number
<b>Without Deadbolt</b>			
9000		<b>Office and Inner Entry Lock</b> Latchbolt retracted by knob/lever from either side unless outside is made inoperative by key outside or by turning inside thumbturn. When outside is locked, latchbolt is retracted by key outside or by knob/lever inside. Outside knob/lever remains locked until thumbturn is returned to vertical or unlocked by key. Auxiliary latch deadlocks latchbolt when door is closed.	F04
9003		<b>Classroom Lock</b> Latchbolt retracted by knob/lever from either side unless outside is locked by key. Unlocked from outside by key. Inside knob/lever always free for immediate exit. Auxiliary latch deadlocks latchbolt when door is closed.	F05
9005		<b>Storeroom Lock</b> Latchbolt retracted by key outside or by knob/lever inside. Outside knob/lever always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.	F07
9006		<b>Apartment Entrance Lock*</b> Latchbolt retracted by knob/lever from either side unless outside is locked by key from inside. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed.	F09
9009		<b>Institution Lock*</b> Latchbolt retracted by key from either side. Knob/lever on both sides always inoperative. Auxiliary latch deadlocks latchbolt when door is closed.	F30
9033		<b>Classroom Holdback Lock</b> Latchbolt retracted by knob/lever from either side unless outside is locked by key. When locked, latchbolt retracted by key outside or knob/lever inside. Auxiliary latch deadlocks latchbolt when door is closed. Depress inside knob/lever and turn key 360° for holdback feature.	F06
<b>With Deadbolt</b>			
9400		<b>Dormitory/Bedroom Lock</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside or thumbturn inside.	F21
9401		<b>Entrance Lock</b> Latchbolt retracted by knob/lever from either side unless outside is locked by 20° rotation of thumbturn. Deadbolt thrown or retracted by 90° rotation of thumbturn. When locked, key outside or knob/lever inside retracts deadbolt and latchbolt simultaneously. Outside knob/lever remains locked until thumbturn is restored to vertical position. Throwing deadbolt automatically locks outside knob/lever. Auxiliary latch deadlocks latchbolt when door is closed.	F20
9402		<b>Store/Utility Room Lock*</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side.	F14
9403		<b>Classroom Security Lock*</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key from either side. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever.	
9405		<b>Storeroom Lock With Deadbolt</b> Latchbolt retracted by key outside or by lever or knob inside. Outside knob/lever always fixed. Deadbolt thrown or retracted by key outside or thumbturn inside. Turning inside knob/lever simultaneously retracts both deadbolt and latchbolt. Auxiliary latch deadlocks latchbolt when door is closed.	
9408		<b>Corridor Lock</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside or inside thumbturn. Throwing deadbolt locks outside knob/lever. Turning inside knob/lever simultaneously retracts deadbolt and latchbolt and unlocks outside knob/lever.	F13
9409		<b>Institution Lock With Deadbolt*</b> Latchbolt retracted by key from either side. Knob/lever on both sides always inoperative. Deadbolt thrown or retracted by key either side. Auxiliary latch deadlocks latchbolt when door is closed.	
9430		<b>Closet/Storeroom Lock</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by key outside.	





\*Caution : Double cylinder locks on residences and any door in any structure which is used for egress are a life safety hazard in times of emergency and their use is not recommended. Installation should be in accordance with existing codes only.

## FUNCTIONS





### Non-Keyed Locks

Function Code Number	Illustration	Description	ANSI Number
<b>Without Deadbolt</b>			
9020		<b>Bath/Bedroom Privacy Lock</b> Latchbolt retracted by knob/lever from either side unless outside is locked by inside thumbturn. Turning inside knob/lever or closing door unlocks outside knob/lever. To unlock from outside, remove emergency button (62MS25-030), insert emergency turn (61MS25-020) (furnished) in access hole and rotate.	F22
9021		<b>Privacy With Coin Turn Outside</b> Latchbolt retracted by knob/lever from either side unless outside is locked by inside thumbturn or outside coin turn. Operating inside knob/lever, closing door, rotating inside thumbturn or rotating outside coin turn unlocks outside knob/lever. Specify per 61MS54-020 for Torx screws. Available with rose trim only. (Previously 62MS25-010)	
9030		<b>Passage Latch</b> Latchbolt retracted by knob/lever from either side at all times.	F01
<b>With Deadbolt</b>			
9420		<b>Privacy With Deadbolt</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by inside thumbturn. Throwing deadbolt locks outside knob/lever. Rotating inside knob/lever simultaneously retracts deadbolt and latchbolt, and unlocks outside knob/lever. To unlock from outside, remove emergency button (62MS25-030), insert emergency thumbturn in access hole and rotate. (Previously 61MS25-020)	
9421		<b>Privacy With Deadbolt and Coin Turn Outside</b> Latchbolt retracted by knob/lever from either side. Deadbolt thrown or retracted by inside thumbturn or outside coin turn. Throwing deadbolt locks outside knob/lever. Rotating inside knob/lever simultaneously retracts deadbolt and latchbolt, and unlocks outside knob/lever. Rotating outside coin turn retracts deadbolt and unlocks outside knob/lever. Specify per 61MS54-020 for Torx screws. Available with rose trim only. (Previously 62MS25-010)	

### Non-Keyed Dummy

Function Code Number	Illustration	Description	ANSI Number
0140		<b>Single Dummy Trim</b> Knob/lever on one side fixed by mounting bar.	
0142		<b>Double Dummy Trim</b> Knob/lever on both sides fixed by mounting bar.	
9140		<b>Single Dummy w/ Lock Case</b> Knob/lever on one side inoperable. Includes lock case and armor front.	
9142		<b>Double Dummy w/ Lock Case</b> Knob/lever on both sides inoperable. Includes lock case and armor front.	

### Keyed Deadlocks

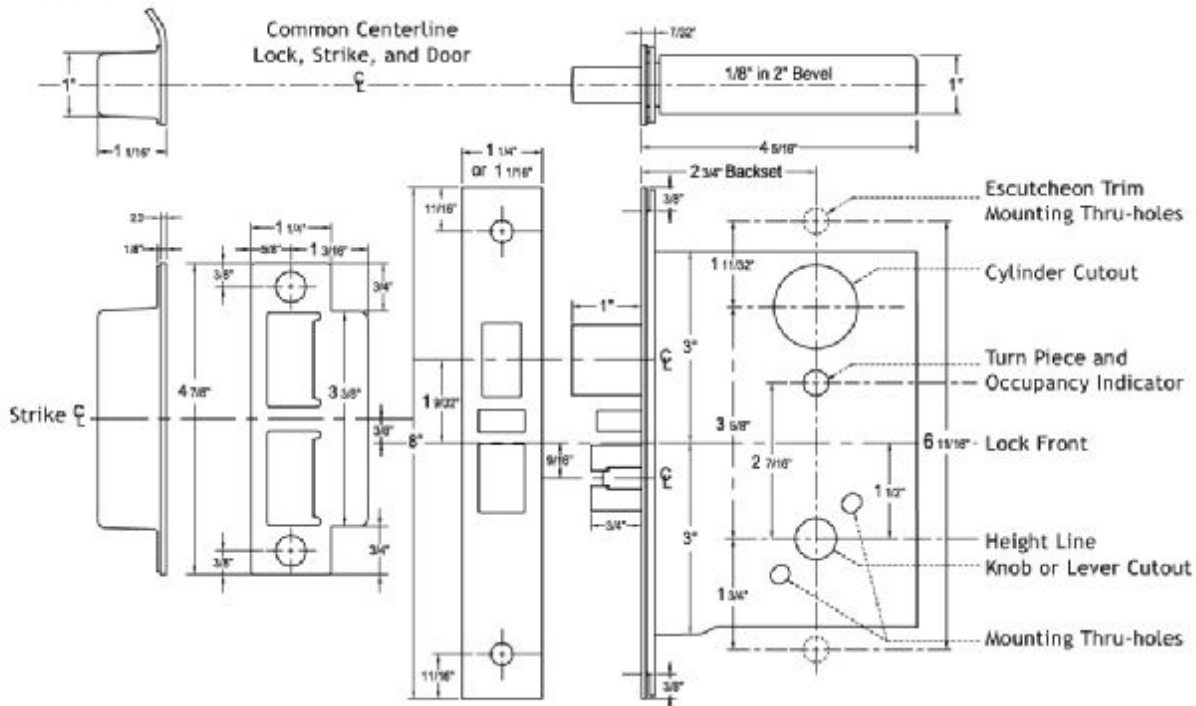
Function Code Number	Illustration	Description	ANSI Number
9460		<b>Cylinder Lock</b> Deadbolt thrown or retracted by key from one side. No trim on opposite side.	F18
9461		<b>Cylinder x Thumbturn Lock</b> Deadbolt thrown or retracted by key outside or thumbturn inside.	F17
9462		<b>Double Cylinder Lock*</b> Deadbolt operated by key from either side.	F16
9463		<b>Classroom Lock</b> Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt but cannot project it.	

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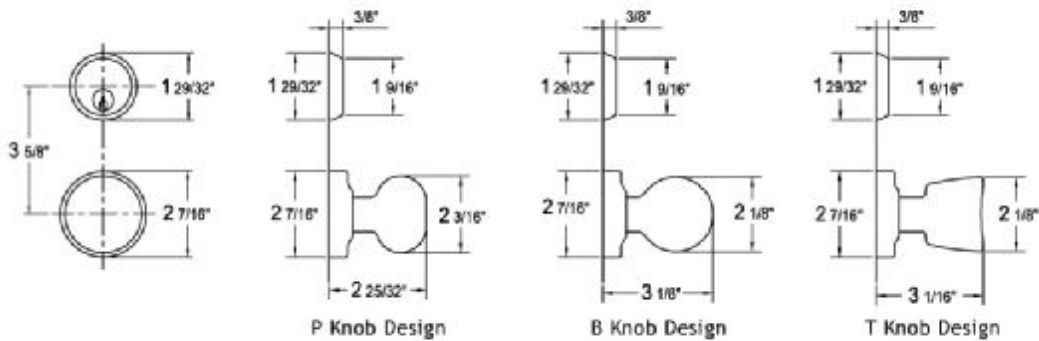


## Dimensions

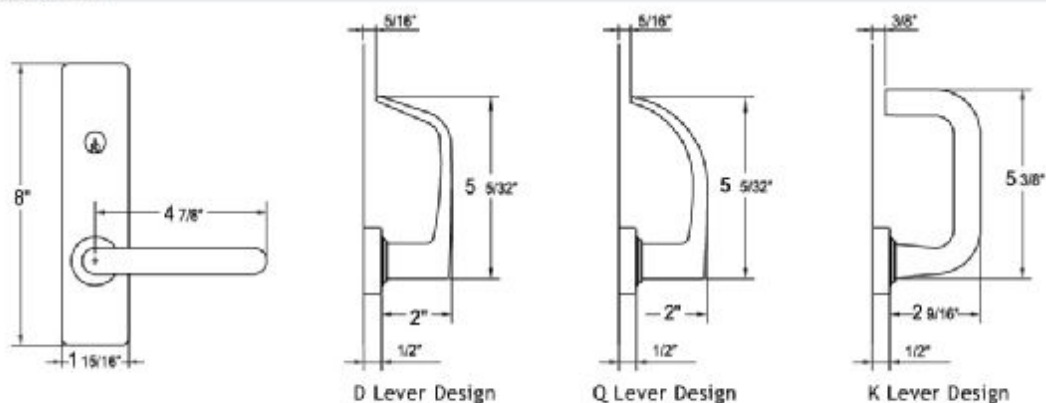
### Chassis



### Sectional Trim



### Escutcheon Trim

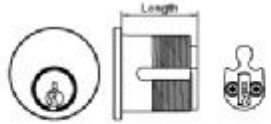

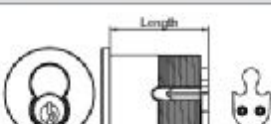





## MORTISE CYLINDER

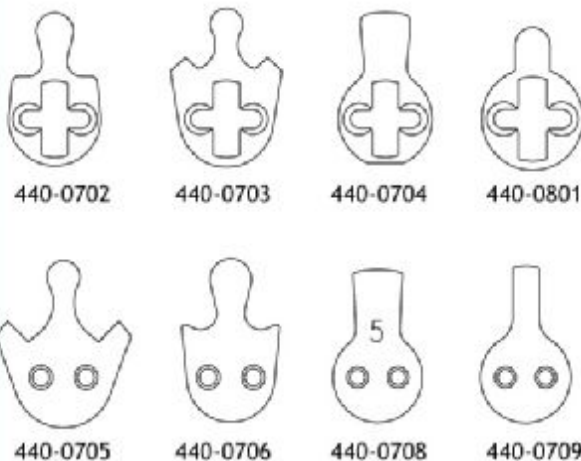
We offer a full and complete line of spacer rings, cylinder guards and spring washers, as well as numerous cams to fulfill the requirements of most applications. Standard mortise cylinders are furnished as 5 or 6 pin configurations. Interchangeable core mortise cylinders are also available in 6 or 7 pin configurations, where increased security is achieved by quick change of keying.

### CYLINDER LENGTH VARIATIONS

ILLUSTRATION	FACE	Length						
		1 1/8"	1 1/4"	1 3/8"	1 1/2"	1 5/8"	1 3/4"	1 7/8"
	FULL FACE	441-102	441-103	441-104	441-105	441-106	441-107	441-108
	CONCEALED	441-402	441-403	441-404	441-405	441-406	441-407	441-408
	I/C FULL FACE	N/A	442-601	442-701	442-702	N/A	N/A	N/A
	I/C CONCEALED	N/A	442-801	442-901	442-902	N/A	N/A	N/A

### CYLINDER CAMS

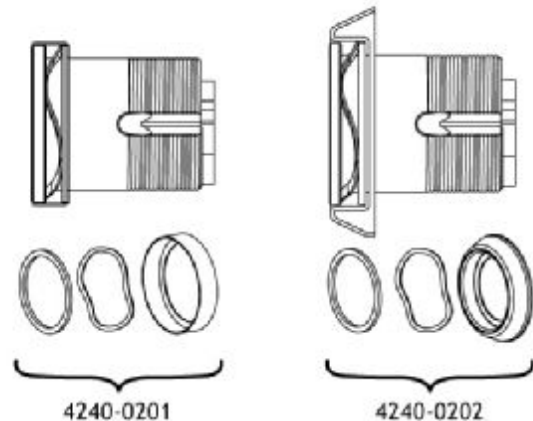
Additional cams are available for our mortise cylinder to operate other manufactures' mortise locks.



### CYLINDER GUARDS

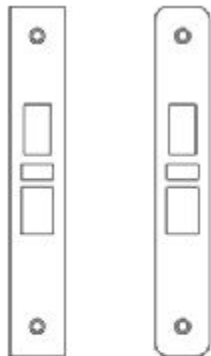
We offer two different types of cylinder guards to work with sectional trim in different door ranges and various cylinder lengths.

Specify part number when ordering.



### ARMOR FRONT (FACEPLATES)

Produced from brass, bronze or stainless steel, available with square corner or 1/4" radius corner. Complete unit supplied with screws. Numbers for ordering separately are listed below.



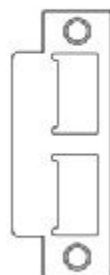
Square Corner

1/4" Radius Corner

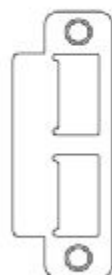
Square Corner		1/4" Radius Corner		Description
1 1/4" (32mm) Width	1 1/16" (27mm) Width	1 1/4" (32mm) Width	1 1/16" (27mm) Width	
#528-711	#528-731	#528-721	#528-741	Latch x Aux. Latch x Deadbolt
#528-712	#528-732	#528-722	#528-742	Latch x Aux. Latch
#528-713	#528-733	#528-723	#528-743	Latch x Deadbolt
#528-714	#528-734	#528-724	#528-744	Latch
#528-715	#528-735	#528-725	#528-745	Blank
#528-716	#528-736	#528-726	#528-746	Deadbolt

### STRIKE

M Series strike is non-handed, produced from brass, bronze or stainless steel. Available with square corner or 1/4" radius corner. Complete unit supplied with strike box and screws. Custom lip lengths at 1/8" (3mm) increments available.



Square Corner  
527-611



1/4" Radius Corner  
527-631

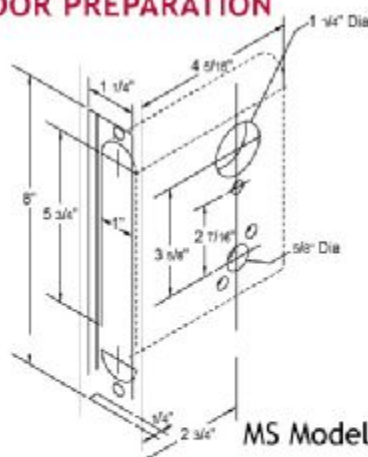


552-312

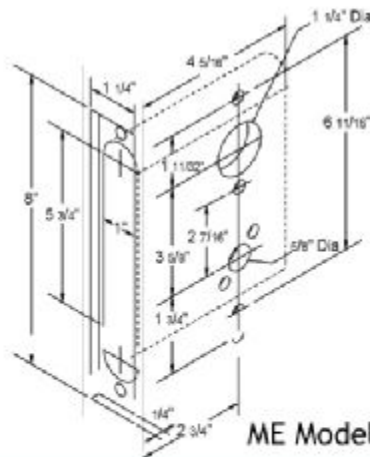
### DUST BOX

Made of steel, provided at no additional cost.

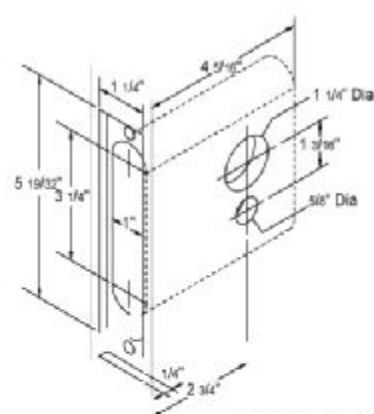
### DOOR PREPARATION



MS Model



ME Model



MD Model

## SPECIFICATIONS

<b>Certifications</b>	ANSI A156.5, Grade 1, UL Listed for 3-Hour fire rating.
<b>Case</b>	Heavy wrought steel with zinc dichromate finish. 4 5/16" x 3 9/16" x 1" (110 mm x 90 mm x 25 mm).
<b>Deadbolt</b>	1" (25mm) Throw, stainless steel.
<b>Backset</b>	2 3/4" (70mm) only.
<b>Door Range</b>	1 3/8" (35mm) to 2 1/2" (64 mm) Steel door, 1 3/4" (45mm) to 2 1/2" (64mm) wood door.
<b>Beveled Doors</b>	Self-adjusting case.
<b>Strike</b>	1 1/8" (28mm) x 3 1/2" (89mm), no lip, furnished with dust box.
<b>Handing</b>	All functions are reversible.
<b>Cylinder</b>	6-pin cylinder standard, with two nickel silver keys, "C" keyway. Can be masterkeyed or grand masterkeyed, construction key system available.
<b>I/C Core</b>	6 or 7-pin, compatible with Best® and Falcon®.



## MD Series Mortise Dead Lock

### FUNCTIONS

Function Code Number	Illustration	Description	ANSI Number
MD103		<b>Classroom Lock</b> Deadbolt thrown or retracted by key from outside. Inside thumbturn cylinder retracts deadbolt but cannot project it.	E06091
MD110		<b>Cylinder x Thumbturn Lock</b> Deadbolt thrown or retracted by key outside or thumbturn inside.	E06071
MD112		<b>Double Cylinder Lock*</b> Deadbolt operated by key from either side.	E06061
MD140		<b>Door Bolt</b> Deadbolt thrown or retracted by thumbturn from one side. No trim on opposite side.	E06181
MD150		<b>Cylinder Lock</b> Deadbolt thrown or retracted by key from one side. No trim on opposite side.	E06081

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EXAMPLE:ME 9000 626 D3 B 1 441-102 528-711 527-611 1  
MS 9000 625 B2 - 0 - 528-711 527-611 2

**HOW TO ORDER**

ME	9000	626	D3	B	1	441-102	528-711	527-611	1
MS	9000	625	B2	-	0	-	528-711	527-611	2
Model	Function Code	Finishes	Trim Design	Lever Material	Core	Cylinder Length	Armor Front	Strike	Door Thickness
ME	page 6-7	605, 606	page 4-5	B: Forged solid brass	0 : Less Cylinder Housing	page 9	page 10	page 10	1 : 1 3/8"-2"
MS		611, 612 613, 625 626, 629 630		Z: Pressure zinc cast	1 : 6 Pin STD Cyl. 2 : I/C Full Face with Core 3 : I/C Full Face Less Core 4 : I/C Concealed with Core 5 : I/C Concealed Less Core				2 : 2"-2 1/2"

EXAMPLE:MD 110 605 1 441-103

**MD SERIES MORTISE DEAD LOCK**

MD	110	605	1	441-103
Series	Function Code	Finishes	Core	Cylinder Length
MD	page 11	605, 606 611, 612 613, 625 626, 629 630	0 : Less Cylinder Housing 1 : 6 Pin STD Cyl. 2 : I/C Full Face with Core 3 : I/C Full Face Less Core	page 9

