Engineered Beautifully

ANSI/BHMA GRADE 1

Mortise Lock

MC7000

MC7000EU/UL

MS500

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Disclaimer: All information in this catalog has been deemed accurate as of the date of printing. We are continuously improving and expanding our line in an effort to offer our clients the finest quality products and services; therefore, Unison Hardware, Inc., reserves the right to alter this information or correct printing errors at any time.

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INOX MC7000 Mortise Locks and **INOX** MS500 Small Mortise Locks are both Heavy Duty, Grade 1 fire-rated locks that will stand up to security, operational, and long-life functionality for your toughest projects.

Applications	Residential Light Duty Commercial Heavy Duty Commercial
Backset	2-3/4" (70mm)
Door Thickness	1-3/4" (45mm)
Functions	Up to 34
UL Listing	3-hour fire door
Page Details	02

Applications	Residential Light Duty Commercial Heavy Duty Commercial
Backset	2-3/4" (70mm)
Door Thickness	1-3/4" (45mm)
Functions	Up to 7
UL Listing	3-hour fire door
Page Details	16

HEAVY DUTY MC7000 MORTISE LOCKS

ANSI/BHMA Grade 1

SPECIFICATIONS

Door Thickness	1-3/4" (45mm) standard Thick Door Kits available
Backset	2-3/4" (70mm)
Handing	Specify handing for all functions
Lockcase	Field reversible without disassembly
Lever Spindle	8mm x 8mm square
Thumbturn Spindle	5mm x 5mm square
Center to Center	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
Case Size	4" x 6-1/16" x 15/16" (102mm x 154mm x 24mm)
Deadbolt	1" (25mm) throw in stainless steel
Latchbolt	3/4" (19mm) anti-friction throw
Cylinder	Schlage C keyway 6 pin mortise cylinder with 2 keys standard. Optional keyways, keying services, and IC cores available
Lockcase	Heavy gauge plated steel
Strike	ANSI stainless steel strike, 4-7/8" x 1-1/4" curved, field reversible
UL	UL listed for 3-hour fire door

FEATURES

Built with heavy-duty stainless steel components and lock body, the MC7000 Series has been engineered to exceed 1 million testing cycles for high traffic applications.

The auxiliary latch provides extra security when the door is closed, but the lock still provides emergency egress in case of crisis. Strong spring chassis, concealed bolt-through fixing and flexibility of sectional and plate trim combinations makes this a set unmatched for both beauty and strength.

CODE COMPLIANCE

ANSI/BHMA A156.13 Grade 1 Mortise Locks
UL Listed for ANSI/UL10B and UL10C, CAN/ULC S104 up to 3 Hours
UBC Standard 7-2 (1997) NFPA 252
NFPA 80 National Fire Protection - Fire Door Assembly
NFPA101 National Fire Protection - Life Safety
ANSI/BHMA A156.18 Finishes
ANSI A117.1 ADA Accessibility

Description	Standard Finish
MC7000 Series Lockcase with X Series Trim	32D Satin Stainless Steel 32 Bright Stainless Steel
MC7000 Series Lockcase with LA/SF Plates	32D Satin Stainless Steel 32 Bright Stainless Steel
MC7000 Series Lockcase with RS Rose	26D Satin Chrome

For additional finish options not listed, contact Sales Department for MOQ and lead times

HEAVY DUTY ELECTRIFIED MC7000 MORTISE LOCKS

ANSI/BHMA Grade 1

SPECIFICATIONS

Door Thickness	1-3/4" (44mm) Standard Thick Door Kits available
Backset	2-3/4" (70mm)
Handing	Specify handing from the outside
Lever Spindle	8mm x 8mm square
Thumbturn Spindle	5mm x 5mm square
Center to Center	Lever to Cylinder: 3-7/8" (98mm) Lever to Thumbturn: 2-11/16" (68mm)
Cylinder	Schlage C keyway 6 pin mortise cylinder with 2 keys standard. Optional keyways, keying services, and IC cores available
Function	EL (Fail Safe) - Electrically Locked EU (Fail Secure) - Electrically Unlocked
Voltage	12V DC or 24V DC
Current	0.3A at 24V DC 0.6A at 12V DC
Temperature	32°F to +120°F

FEATURES

Electrified mortise locks allow remote keyless access and control for heavy use applications where security and safety are critical. MC7000 electrified mortise locks use continuous duty solenoids for cooler operation. Can be used by keypad access controls, access card readers, security consoles, automatic time devices and computerized controls.

CODE COMPLIANCE

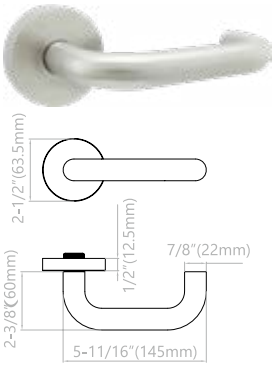
ANSI/BHMA A156.13 Grade 1 Mortise Locks
UL Listed for ANSI/UL10B and UL10C, CAN/ULC S104 up to 3 Hours
UBC Standard 7-2 (1997) NFPA 252
NFPA 80 National Fire Protection - Fire Door Assembly
NFPA101 National Fire Protection - Life Safety
ANSI/BHMA A156.18 Finishes
ANSI A117.1 ADA Accessibility
Electrification: ANSI/UL634, ANSI/UL294, ANSI/UL10C

Description	Item No.
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 12V Voltage	**SV-MC-EL12V**
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 24V Voltage	**SV-MC-EL24V**
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 12V Voltage	**SV-MC-EU12V**
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 24V Voltage	**SV-MC-EU24V**
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 12V Voltage with REX Switch	**SV-MC-EL12V-REX**
SERVICE CODE: Electrification of Mortise Lock, Fail Safe 24V Voltage with REX Switch	**SV-MC-EL24V-REX**
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 12V Voltage with REX Switch	**SV-MC-EU12V-REX**
SERVICE CODE: Electrification of Mortise Lock, Fail Secure 24V Voltage with REX Switch	**SV-MC-EU24V-REX**

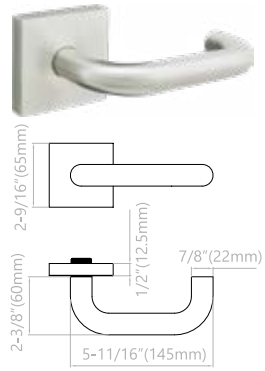
Add service code and upcharge price as a separate line item to order electrified locking (EL) locks. In case of power outage, EL locks are Fall Safe and EU locks are Fail Secure.

X SERIES ROSE OPTIONS

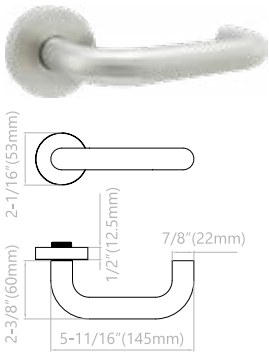
Heavy Duty Series



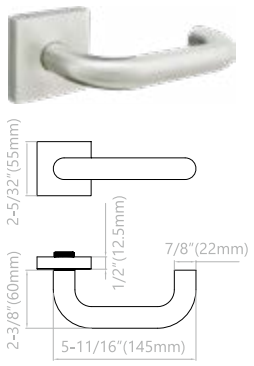
XRA



XSE



XGT



XGS

DESIGNER LEVERS

201

202

205

221

243

244

276

318

319

320

345

346

FINISH

Standard:

32D

C19G

C19

CGY

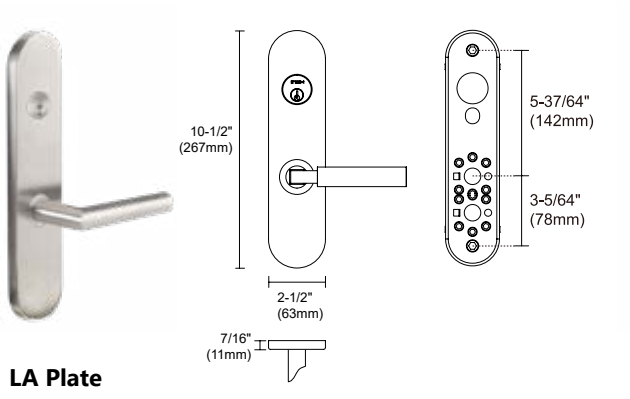
CDB

32

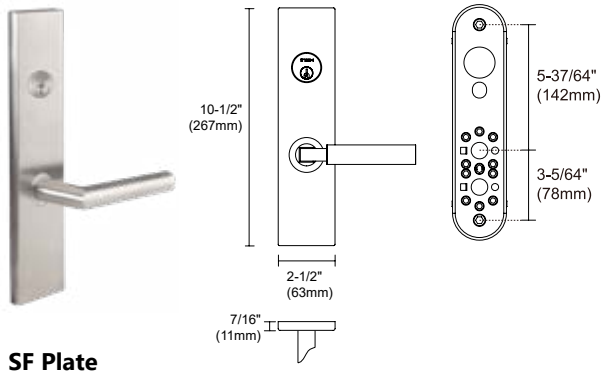
PVD4

LA/SF PLATE OPTIONS

Residential Series

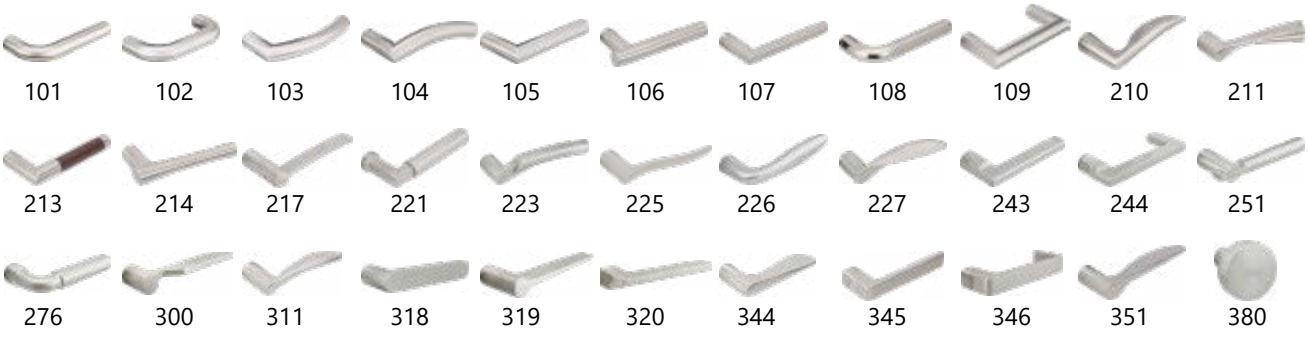


LA Plate



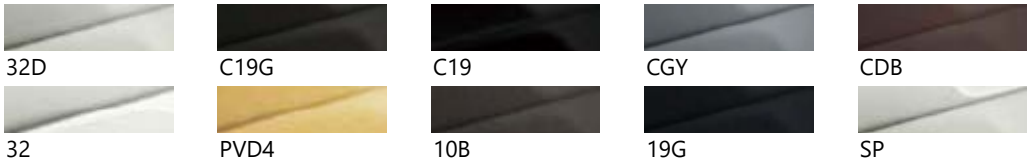
SF Plate

LA/SF DESIGNER LEVERS



FINISH

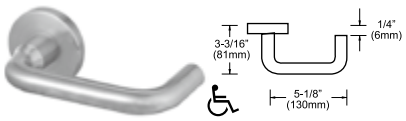
Standard:



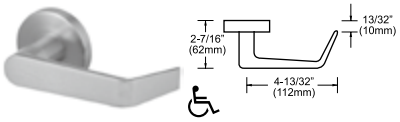
RS SERIES
Commercial Series

RS Rose

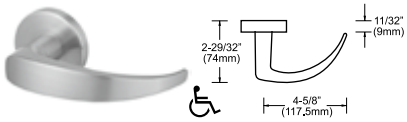
RS SERIES LEVER OPTIONS



RS02



RS07



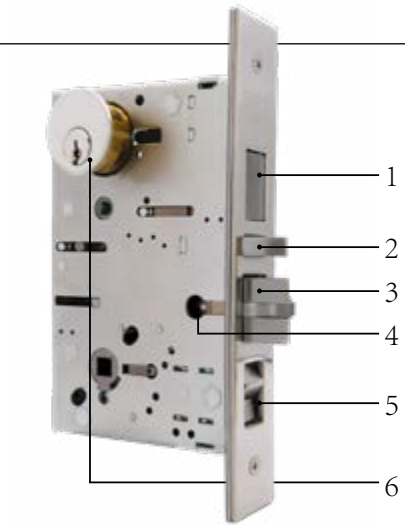
RS09

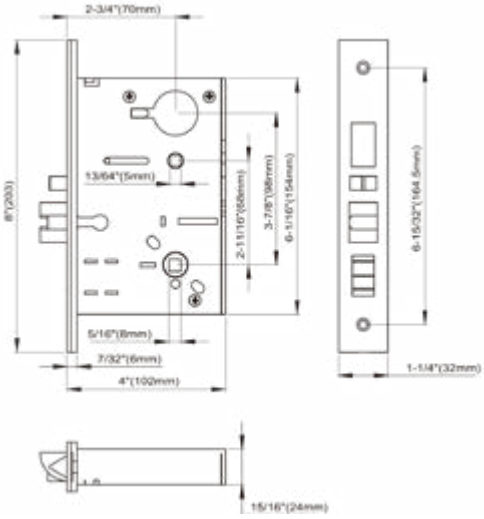
FINISH

Standard:

26D

MORTISE LOCKCASE

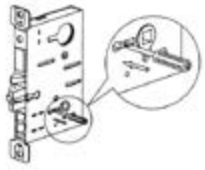




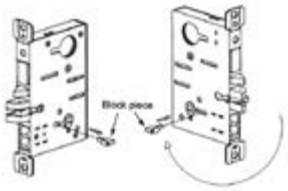
1. 1" throw, heavy duty stainless steel deadbolt
2. Auxiliary latch deadlocks latch bolt when door is closed, providing extra security
3. Guarded, two-piece stainless steel 3/4" latch bolt projection with mechanical anti-friction tongue
4. Field reversible: latch direction can be easily reversed without opening lock case
5. Toggle switch is locked, outside lever is inoperative; when toggle switch is unlocked, outside lever is operative
6. 6-pin solid brass mortise cylinder

CHANGE HANDING

How to Change Handing

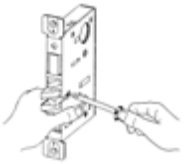


Remove catch screw on the chassis facing the outside and push out the block piece.



Reinsert the block piece on the opposite side and use the fixing screw to fasten the block into place.

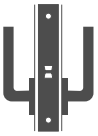
Change Latchbolt Handing



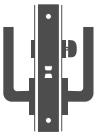
Remove fixing screw and pull latchbolt out from the lock case.

Rotate the latchbolt to the opposite direction, reinsert in lockcase and fasten with screw.

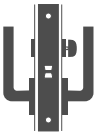
FUNCTIONS
Non-Keyed Locks



MC7010 (ANSI: F01)
Passage Latch
- Latchbolt operated by lever from either side at all times
- Inside lever is always free for immediate egress



MC7040 (ANSI: F22)
Privacy Lock with Coin Turn
- Latchbolt operated by lever from either side except when outside lever is locked by inside thumbturn
- Operating inside lever, closing door or operating outside emergency release coin turn unlocks outside lever
- Inside lever is always free for immediate egress



MC7096 (ANSI: F22)
Privacy with Coin Turn Indicator
- Latchbolt operated by lever from either side except when outside lever is locked by inside thumbturn
- Operating inside lever, closing door or operating outside emergency release coin turn unlocks outside lever
- When outside lever is locked, indicator message is displayed
- Inside lever is always free for immediate egress

MC7440 (ANSI: F19)
Privacy with Deadbolt and Coin Turn
- Latchbolt operated by lever from either side
- Deadbolt operated by inside thumbturn
- Operating deadbolt locks outside lever
- Deadbolt and latchbolt operated simultaneously by inside lever and unlocks outside lever
- Operating outside emergency release coin turn unlocks outside lever

MC7440EU
Privacy with Deadbolt and Coin Turn
Electrically Unlocked (Fail Secure)
- Outside lever continuously unlocked by 12V/24V AC or DC
- Latchbolt operated by lever from either side
- Switch or power failure keeps outside lever/ knob locked
- Deadbolt operated by inside thumbturn or outside emergency release coin turn
- Operating deadbolt locks outside lever
- Deadbolt and latchbolt operated simultaneously by inside lever and unlocks outside lever
- Operating outside emergency release coin turn unlocks outside lever

FUNCTIONS
Non-Keyed Locks

MC7025 (ANSI: F31)
Exit/Communicating
- Latchbolt operated by inside lever
- Blank trim or no outside trim
- Auxiliary latch deadlocks latchbolt when door is closed

MC0170
Half Dummy without Lockcase
- Used as pull or matching trim on pairs of doors

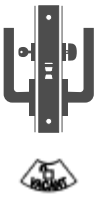
MC7175
Half Dummy with Lockcase
- Used as pull or matching trim on pairs of doors

MC0172
Full Dummy without Lockcase
- Used as pull or matching trim on pairs of doors

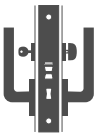
MC7176
Full Dummy with Lockcase
- Used as pull or matching trim on pairs of doors

FUNCTIONS

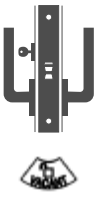
Single Cylinder Non-Deadbolt



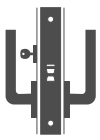
MC7050 (ANSI: F04)
Office and Inner Entry
- Latchbolt operated by lever unless outside lever is locked by key or thumbturn inside
- When outside lever locked, latchbolt can be retracted by key outside or lever inside
- No deadbolt; auxiliary latch deadlock latchbolt closed
- Inside lever is always free for immediate egress
- *Optional Indicator window: When outside lever is locked, indicator message is displayed*



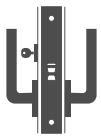
MC7053 (ANSI: F04)
Office and Inner Entry with Toggle
- No thumbturn; latchbolt operated by inside lever or outside key
- Toggle always in locked position unless manually unlocked. Locking or unlocking latchbolt resets toggle to locked position
- When door is locked, auxiliary latch deadlocks latchbolt. Inside lever always allows emergency egress



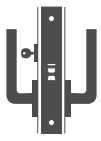
MC7070 (ANSI: F05)
Classroom
- Latchbolt operated by lever from either side except when outside lever is locked from outside by key
- When outside lever is locked, latchbolt is retracted by key or by operating key and outside lever from outside or by operating inside lever
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for emergency egress
- *Optional Indicator window: When outside lever is locked, indicator message is displayed*



MC7080 (ANSI: F07)
Storeroom
- Latchbolt operated by key from outside or by operating inside lever
- Outside lever is always inoperative
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for immediate egress



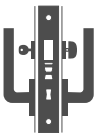
MC7080EL
Storeroom Electrically Locked (Fail Safe)
- Outside lever continuously locked by 12V/24V AC or DC
- Latchbolt retracted by key outside or lever inside
- Switch or power failure allows outside lever to retract latchbolt
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for emergency egress



MC7080EU
Storeroom Electrically Unlocked (Fail Secure)
- Outside lever unlocked by 12V/24V AC or DC
- Latchbolt retracted by key outside or lever inside
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever always free for emergency egress

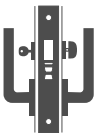
FUNCTIONS

Single Cylinder Deadbolt



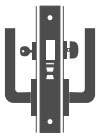
MC7453 (ANSI: F20)
Entrance with Toggle

- Latchbolt operated by lever from either side, except when outside lever is made inoperative by toggle
- Deadbolt operated by key outside or inside thumbturn
- Key outside operates both bolts
- Operating inside lever retracts both bolts; outside remains locked
- Latchbolt is deadlocked when outside lever is made inoperative or when the deadbolt is projected. When deadbolt is retracted, lever is unlocked by toggle
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for emergency egress



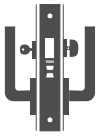
MC7438
Entrance without Toggle

- Latchbolt operated by lever from either side, except when outside lever is made inoperative by toggle
- Deadbolt operated by key outside or thumbturn inside
- Key outside operates both bolts
- Operating inside lever retracts both bolts; outside remains locked
- Latchbolt is deadlocked when outside lever is made inoperative or when the deadbolt is projected
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for emergency egress
- *Optional Indicator window: When outside lever is locked, indicator message is displayed*



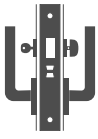
MC7438EL
Entrance without Toggle Electrically Locked (Fail Safe)

- Outside lever continuously locked by 12V/24V AC or DC
- Latchbolt retracted by key outside or lever inside
- Switch or power failure allows outside lever to retract latchbolt
- Auxiliary latch deadlocks latchbolt when door is closed. Inside lever always free for immediate exit
- Inside lever is always free for emergency egress



MC7438EU
Entrance without Toggle Electrically Unlocked (Fail Secure)

- Outside lever continuously unlocked by 12V/24V AC or DC
- Latchbolt operated by key outside or lever inside
- Switch or power failure keeps outside lever locked
- Auxiliary latch deadlocks latchbolt when door is closed

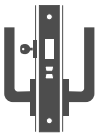


MC7456 (ANSI: F13)
Dormitory/Exit/Corridor

- Latchbolt operated by lever from either side
- Deadbolt projected by key from outside and turn from inside
- Throwing deadbolt locks outside lever
- Operating inside lever retracts both bolts and unlocks outside
- Inside lever is always free for emergency egress

FUNCTIONS

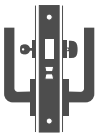
Single Cylinder Deadbolt



MC7465

Closet/Storeroom

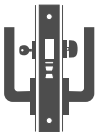
- Latchbolt retracted by lever from either side
- Deadbolt projected or retracted by key outside



MC7473 (ANSI: F21)

Dormitory with Deadbolt

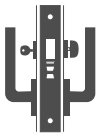
- Latchbolt operated by lever from either side
- Deadbolt operated by key from outside and turn from inside



MC7480

Storeroom Lock with Deadbolt

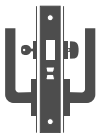
- Latchbolt retracted by key outside or by inside lever inside
- Outside lever always fixed
- Deadbolt thrown or retracted by key outside or thumbturn inside. Turning inside lever simultaneously retracts both deadbolt and latchbolt
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for emergency egress



MC7485 (ANSI: F15)

Entrance/Hotel/Restroom Lock

- Latchbolt retracted by key outside or by lever inside
- Outside lever always fixed
- Deadbolt thrown or retracted by inside thumbturn
- When deadbolt is thrown, all keys become inoperative except emergency or display keys
- Turning inside lever retracts both deadbolt and latchbolt simultaneously
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for emergency egress

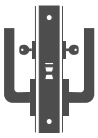


MC7496 (ANSI: F15)

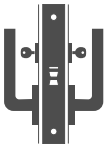
Privacy with Deadbolt and Indicator

- Latchbolt operated by lever from either side except when outside lever is locked by inside thumbturn
- When outside lever is locked, indicator window changes
- When deadbolt is thrown, all keys become inoperative except emergency key
- Inside lever is always free for emergency egress

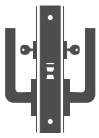
FUNCTIONS
Double Cylinder Non-Deadbolt



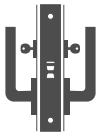
MC7060 (ANSI: F09)
Apartment Entrance / Public Restroom
- Latchbolt operated by lever from either side, except when outside lever is locked by key from inside
- When outside lever is locked, latchbolt is retracted by key from outside or by operating inside lever
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside lever is always free for immediate egress



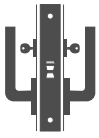
MC7071 (ANSI: F32)
Classroom Security Intruder Latchbolt
- Latchbolt retracted by key from either side unless outside is locked by key from either side
- When locked, latchbolt retracted by key outside or lever inside
- Auxiliary latch deadlocks latchbolt when door is locked
- Inside lever is always free for emergency egress



MC7082 (ANSI: F30)
Asylum/Institution Lock
- Latchbolt operated by key from either side
- Both levers always inoperative
- Auxiliary latch deadlocks latchbolt when door is closed



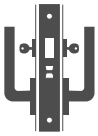
MC7082EL
Institution Electrically Locked (Fail Safe)
- Outside and inside lever continually locked electrically
- Latchbolt retracted by key either side
- Switch or power failure allows outside and inside lever to retract latchbolt
- Auxiliary latch deadlocks latchbolt when door is closed



MC7082EU
Institution Electrically Unlocked (Fail Secure)
- Outside and inside lever unlocked electrically
- Latchbolt retracted by key either side
- Switch or power failure keeps inside and outside lever locked
- Auxiliary latch deadlocks latchbolt when door is closed

FUNCTIONS

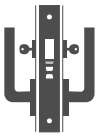
Double Cylinder Deadbolt



MC7457 (ANSI: F33)

Classroom Security Lock

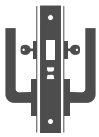
- Latchbolt operated by lever from either side
- Deadbolt retracted by key from either side
- Throwing deadbolt locks outside lever
- Operating inside lever retracts both bolts and unlocks outside
- Inside is always free for immediate egress



MC7458 (ANSI: F33)

Classroom Security Lock with Auxiliary

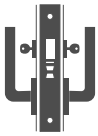
- Latchbolt operated by lever from either side
- Deadbolt retracted by key from either side
- Throwing deadbolt locks outside lever
- Operating inside lever retracts both bolts and unlocks outside
- Auxiliary latch deadlocks latchbolt when door is closed
- Inside is always free for immediate egress



MC7466 (ANSI: F14)

Store Door Lock

- Latchbolt operated by lever from either side
- Deadbolt operated by key from either side



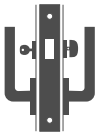
MC7482

Institution Lock with Deadbolt

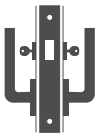
- Latchbolt operated by key from either side
- Lever on both sides always inoperative
- Deadbolt retracted by key either side
- Auxiliary latch deadlocks latchbolt when door is closed

FUNCTIONS

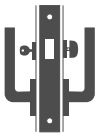
Full Mortise Deadlocks



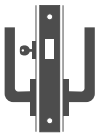
MC7460 (ANSI: F17)
DeadLock - Cylinder & Thumbturn
- Deadbolt operated by key from outside and by thumbturn from inside



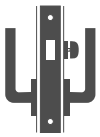
MC7462 (ANSI: F16)
DeadLock - Double Cylinder
- Deadbolt operated by key from either side



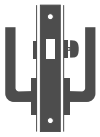
MC7463 (ANSI: F29)
Deadlock - Classroom
- Deadbolt operated by key outside
- Turn inside retracts but does not project deadbolt



MC7464 (ANSI: F18)
Deadlock - Single Cylinder
- Deadbolt operated by key from outside only
- No trim on opposite side



MC7445
Deadlock - Thumbturn Only
- Deadlock operated by thumbturn only



MC7447
Deadlock - Thumbturn x Coin Turn Release
- Deadbolt operated by thumbturn inside or coin turn outside

MC7446
Deadlock - Thumbturn x Coin Turn Release & Indicator
- Deadbolt operated by thumbturn inside or coin turn with indicator outside

MS500 MORTISE DEADBOLT

ANSI/BHMA Grade 1

SPECIFICATIONS

Door Thickness	1-3/4" (44mm) standard Thick Door Kits available
Backset	2-3/4" (70mm)
Handing	Non-Handed
Thumbturn Spindle	5mm x 5mm square
Faceplate	5-9/16" x 1-7/32" (141.3mm x 31mm)
Strike	3-1/2" x 1-1/8" (89mm x 29mm)
Deadbolt	1" (25mm) throw, stainless steel
Cylinder	Schlage C keyway 6 pin mortise cylinder with 2 keys standard. Optional keyways, keying services, and IC cores available
UL	UL and UL 10C for 3 hour fire door

FEATURES

The MS500 is constructed with heavy duty stainless steel components and a lock body that meets Grade 1 standards.

The tough, strong spring chassis and concealed bolt-thru fixing make this a great choice with surface pulls and other trim.

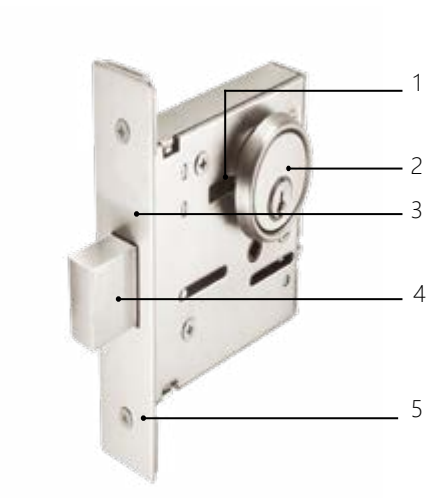
CODE COMPLIANCE

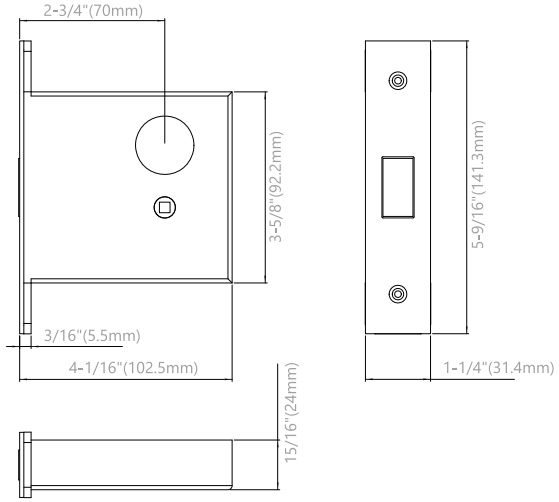
ANSI/BHMA A156.36 Grade 1 Mortise Deadbolt
UL Listed for ANSI/UL10B and UL10C, CAN/ULC S104 up to 3 Hours
UBC Standard 7-2 (1997) NFPA 252
NFPA 80 National Fire Protection - Fire Door Assembly
NFPA101 National Fire Protection - Life Safety
ANSI/BHMA A156.18 Finishes
ANSI A117.1 ADA Accessibility

Description	Standard Finish
MS500 Series Deadbolt	32D Satin Stainless Steel 10B Oil Rubbed Bronze

For additional finish options not listed, contact Sales Department for MOQ and lead times

MORTISE DEADLOCK LOCKCASE





1. Strengthened steel alloy cylinder retainer
2. 6-pin solid brass mortise cylinder
3. Armor front faceplate in stainless steel
4. 1" throw, heavy duty stainless steel deadbolt
5. Wrought steel corrosion protected lock case

SURFACE PULLS

ADA COMPLIANT

PHIX31108

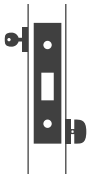
PHIX330.512.8

PHIX41714

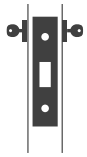
PHIX45714

PHIX30108

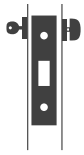
FUNCTIONS
Full Mortise Deadlocks



MS560 (ANSI: E06071)
Cylinder x Thumbturn Lock
- Deadbolt thrown or retracted by key outside or thumbturn inside



MS562 (ANSI: E06061)
Double Cylinder Lock
- Deadbolt operated by key from either side



MS563 (ANSI: E06091)
Classroom Lock
- Deadbolt thrown or retracted by key from outside
- Inside thumbturn cylinder retracts deadbolt but cannot project it

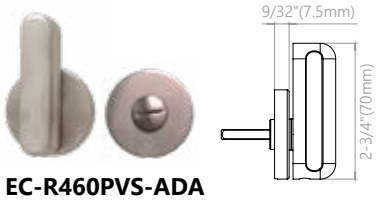
MS564 (ANSI: E06081)
Cylinder Lock
- Deadbolt thrown or retracted by key from one side
- No trim on opposite side

MS545
DoorBolt
- Deadbolt thrown or retracted by thumbturn from one side
- No trim on opposite side

MS547
DoorBolt with Thumbturn release
- Deadbolt thrown or retracted by thumbturn inside or release outside

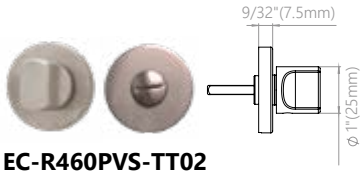
MS546
Doorbolt with Thumbturn release and Indicator
- Deadbolt thrown or retracted by thumbturn inside or release outside
- When deadbolt is thrown "OCCUPIED" indicator is displayed

THUMBTURN AND RELEASE OPTIONS

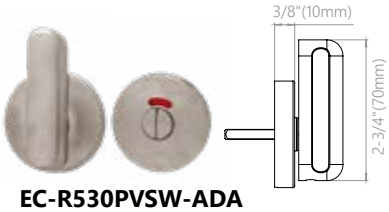


EC-R460PVS-ADA

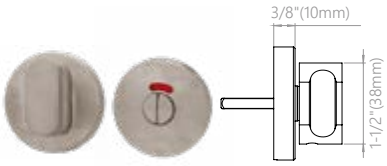
EC-R460PVS



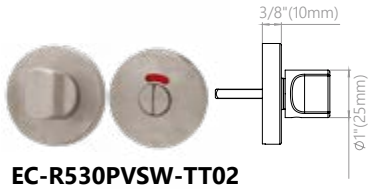
EC-R460PVS-TT02



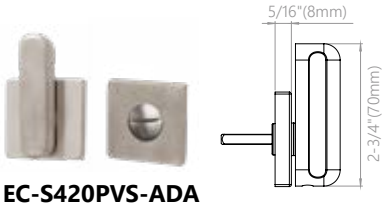
EC-R530PVSW-ADA



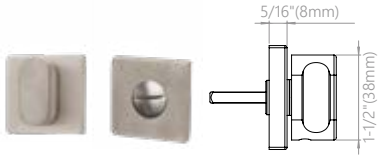
EC-R530PVSW



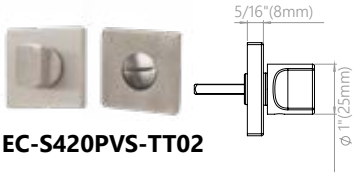
EC-R530PVSW-TT02



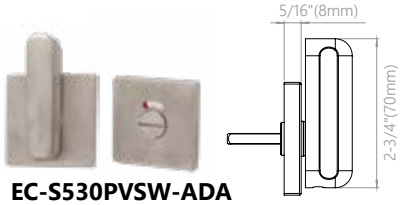
EC-S420PVS-ADA



EC-S420PVS



EC-S420PVS-TT02



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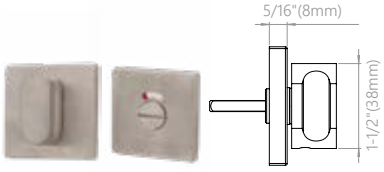
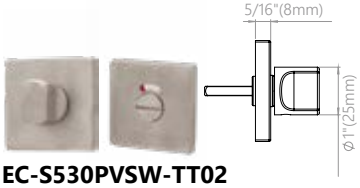


EC-S530PVSW



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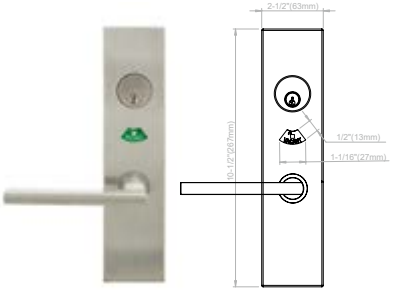
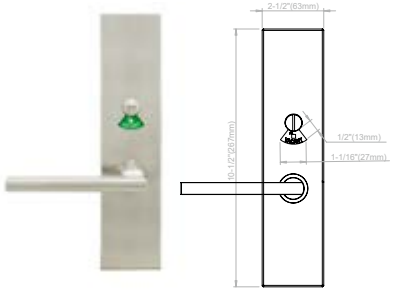
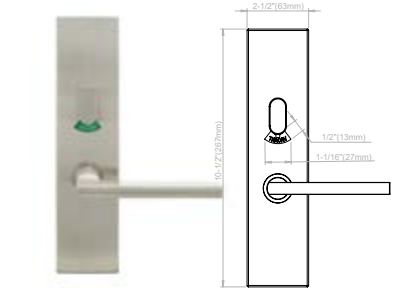


ST-SF*-83**

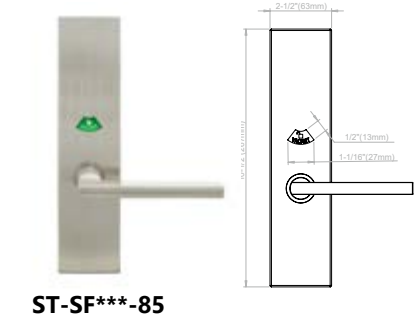


ST-SF*-84**

When ordering Fan Indicator, substitute 3-digit lever design code for *** as shown in examples

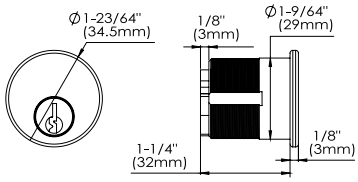


ST-SF*-82**



ST-SF*-85**

MORTISE CYLINDERS AND KEYS



Schlage C Keyway, 6 Pin, with Clover Cam, 2 Keys
Standard Keyed Different (KD)
Other Keying Services available
All trims use 1-1/4" Mortise Cylinder for standard 1-3/4" door
Other sizes or keyway cylinders available. Order separately

Illustration	Item Code	Description	Size	ANSI
	Mortise Cylinders			
	CMB105	Mortise Cylinder, Schlage C Keyway, 5 pin, L Cam	1"	E09211
	CMB1186	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/8"	E09211
	CMB1146	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/4"	E09211
	CMB1386	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-3/8"	E09211
	CMB1126	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-1/2"	E09211
	CMB1346	Mortise Cylinder, Schlage C Keyway, 6 pin, L Cam	1-3/4"	E09211
	Dummy Cylinders			
	CMB1140DM*	Mortise Dummy Cylinders, No Cam	1-1/4"	E09211

* Dummy function lockset does not include dummy cylinder. Dummy cylinder ordered separately if required

INTERCHANGEABLE CORE (IC) HOUSING WITH REMOVABLE MORTISE CAM

Solid Brass/ Small Format (SFIC) Housing
Standard L Cam included for MC7000 Series mortise lock
Accepts Best, Arrow and Falcon Cores

Illustration	Item Code	Description	Size	ANSI
	CMB1146-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-1/4"	E09241
	CMB1386-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-3/8"	E09241
	CMB1126-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-1/2"	E09241
	CMB1586-ICBA-HUS	SFIC Mortise Cylinder Housing, 6 Pin	1-5/8"	E09241
	CMB1387-ICBA-HUS	SFIC Mortise Cylinder Housing, 7 Pin	1-3/8"	E09241
	CMB1127-ICBA-HUS	SFIC Mortise Cylinder Housing, 7 Pin	1-1/2"	E09241
	CMB1587-ICBA-HUS	SFIC Mortise Cylinder Housing, 7 Pin	1-5/8"	E09241

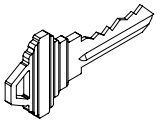
INTERCHANGEABLE CORES ONLY

Solid brass plug and housing / Small Format (SFIC) Core in Best A Keyway
2 Change keys per Combinated Core – A2 System Only
1 master key or grand master key included per group/order

1 Control key per group/order
6 or 7 pin cores replace Arrow, Best, Falcon
Construction or Combinated Core

Illustration	Item Code	Description	ANSI
	CMB-ICBA6-CST	SFIC Core Only, Best A Keyway, 6 Pin, Construction	E09251
	CMB-ICBA6-CMB	SFIC Core Only, Best A Keyway, 6 Pin, Combinated	E09251
	CMB-ICBA7-CMB	SFIC Core Only, Best A Keyway, 7 Pin, Combinated	E09251

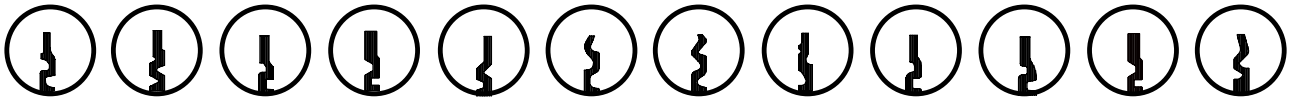
KEYS

Illustration	Item Code	Description
	LSK-6SC-NP	Standard key Schlage C Keyway for 6 Pin, Nickel Plated
	LSK01-6SC-NS-DND	DND Nickel Silver Key, Schlage C Keyway for 6 Pin, w/"Do Not Duplicate"
	LSK06-BA-CRK	Extra Control Key for IC Core, Best A Keyway
	LSK06-BA-MK	Extra Master Key for IC Core, Best A Keyway
	LSK06-BA-GMK	Extra Grand Master Key for IC Core, Best A Keyway

KEYWAY

Standard: SC
Schlage C Keyway.
Other Keyways available by special order.

Other Keyway Options:



Arrow **AA**	Corbin 60 **CA**	Kwikset **KS**	Weiser **WE**	Schlage E **SE**	Yale 8 **YA**	Lockwood **LA**	Sargent LA **GA**	Dexter 67 **XE**	ILCO **UA**	Weiser E Falcon **WA**	Russwin D1 **RB**

CAM

Clover Cam CAM01-SCL
MC Series Lockset uses classic Clover CAM which is compatible with Schlage® L9000 series.

*MC7000 Mortise Lock ONLY work with L Clover cam. Other cams can be ordered for cylinders used for other locking devices.

Other Cams Options*:

Straight **(1)**	Adams Rite **(2)**	Yale **(6)**	Clover Corbin/ Russwin Best **(19)**

KEYING SERVICES

Description	Item No.
Service: Key Cut including Key Blank	SV-KYCT
Service: Keyed Alike (KA)	SV-KA
Service: Keyed Alike Pair	SV-KA2
Service: Keyed Alike Group (Specify Number of Keyed Alike Per Group)	SV-KA (Number)
Service: Keyed to Specific Code	SV-KS
Service: Master Keying	SV-MK
Service: Grand Master Keying with 2 or more Master groups.	SV-GMK
Service: Construction Master Keying Service	SV-CMK
Service: Great Grand Master Key	SV-GGMK

Description	Item No.
Service: IC Core Key Cut including Key Blank	SV-ICKYCT
Service: IC Core Keyed Alike (KA) - Each cylinder in the group is keyed alike	SV-ICKA
Service: IC Core Keyed to Specific Code - Cylinder is keyed to a specific code	SV-ICKS
Service: IC Core Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per MK	SV-ICMK
Service: IC Core Grand Master Keying (2 or more MK groups included)	SV-ICGMK
Service: IC Core Master Keying, 2 Change Keys Per Cyl, and 3 Master Keys per MK Group	SV-ICMK

Description	Item No.
Service: Euro Cylinder Key Cut including Key Blank	SV-CYKYCT
Service: Euro Cylinder Keyed Alike (KA) - Each cylinder in the group is keyed alike	SV-CYKA
Service: Euro Cylinder Keyed to Specific Code - Cylinder is keyed to a specific code	SV-CYKS
Service: Euro Cylinder Master Keying - 2 Change Keys per Cylinder and 3 Master Keys per	SV-CYMK
Service: Euro Cylinder Grand Master Keying (2 or more MK groups included)	SV-CYGMK
Service: Euro Cylinder Master Keying, 2 Change Keys Per Cyl, and 3 Master Keys per MK	SV-CYMK

HOW TO ORDER STOCKED MC7000 SERIES MORTISE LOCKS WITH X SERIES ROSES

For leversets using the same interior and exterior lever and finish combination: Stocked items have shorter lead times.

Rose	Lever	Lock	Function	Finish	Handing
XGT	**243**	**-MC70**	**50**	**32D**	**LH**
1	2	3	4	5	6

ROSE

XGT XGS

XRA XSE

LEVER

201 202 205 221 243

244 276 318 319 320

345 346

LOCK

70 No deadbolt
71 Dummy trim
74 With deadbolt

FUNCTION

10 Passage
40 Privacy
53 Entry with Toggle
50 Entry
38 Entry w/o Toggle
80 Storeroom
70 Classroom
MDP

5 FINISH

Standard:

32D C19G C19 CGY CDB

32 PVD4

6 HANDING

RH = Right Hand LH = Left Hand RHR = Right Hand Reverse LHR = Left Hand Reverse

HOW TO ORDER STOCKED MC7000 SERIES MORTISE LOCKS WITH LA/SF PLATE

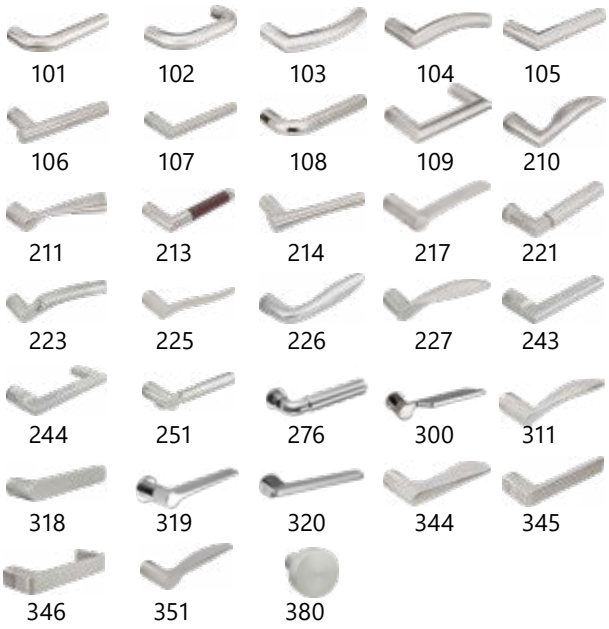
For leversets using the same interior and exterior lever and finish combination: Stocked items have shorter lead times.

Rose	Lever	Lock	Function	Indicator	Finish	Handing
LA	**243**	**-MC70**	**50**	**-SW**	**32D**	**LH**
1	2	3	4	5	6	7

ROSE

LA SF

LEVER



101 102 103 104 105
106 107 108 109 210
211 213 214 217 221
223 225 226 227 243
244 251 276 300 311
318 319 320 344 345
346 351 380

LOCK

70 No Deadbolt
71 Dummy Trim
74 With Deadbolt

FUNCTION

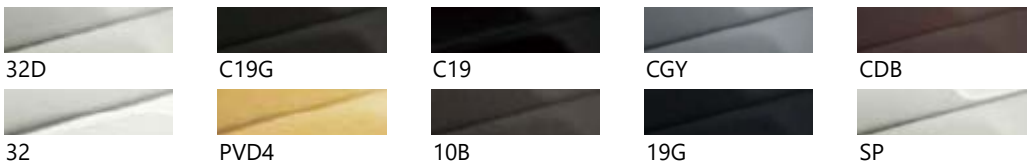
10 Passage
40 Privacy
53 Entry with Toggle
50 Inner Entry
38 Entry w/o Toggle
80 Storeroom
70 Classroom
MDP

5 INDICATOR

SW = Single Window
DW = Dual Window

6 FINISH

Standard:



32D C19G C19 CGY CDB
32 PVD4 10B 19G SP

7 HANDING

RH = Right Hand LH = Left Hand RHR = Right Hand Reverse LHR = Left Hand Reverse

HOW TO ORDER STOCKED MC7000 SERIES MORTISE LOCKS WITH RS ROSES

For leversets using the same interior and exterior lever and finish combination: Stocked items have shorter lead times.

Rose	Lever	Lock	Function	Finish	Handing
RS	**02**	**-MC70**	**50**	**32D**	**LH**
1	2	3	4	5	6

1 ROSE

RS

2 LEVER

02

04

07

LOCK

70 No deadbolt
71 Dummy trim
74 With deadbolt

FUNCTION

10 Passage
40 Privacy
53 Entry with Toggle
50 Entry
38 Entry w/o Toggle
80 Storeroom
70 Classroom
MDP

5 FINISH

Standard:

26D

6 HANDING

RH = Right Hand
LH = Left Hand
RHR = Right Hand Reverse
LHR = Left Hand Reverse

HOW TO ORDER MS500 SERIES SMALL MORTISE DEADBOLT

See sequence as below to order Mortise Deadbolt. Stocked item have shorter lead times.

Lock	Function	Thumbturn	Finish	Cylinder	Keying	Handing
MS5	**60**	**GR02**	**32D**	**IC**	**KA**	**-LH**
1	2	3	4	5	6	7

1 LOCK

MS5 - Mortise Deadbolt Lockcase

2 FUNCTION

60 = Cylinder and Thumbturn (ANSI E07071)
62 = Double Cylinder (ANSI E06061)
63 = Classroom (ANSI E06091)
64 = Single Cylinder (ANSI E06081)
45 = Thumbturn Only
47 = Thumbturn X Coin=Turn Release
46 = Thumbturn Release with Indicator

3 THUMBTURN OPTIONS

GR02= TT02 Thumbturn
GR04 = TT04 Thumbturn
GR07 = TT07 Thumbturn

4 FINISH

32D = Satin Stainless Steel
10B = Oil Rubbed Bronze

5 CYLINDER OPTION

Blank = Schlage C Keyway Mortise 6-pin 1-1/4"
L = Less Cylinder*
IC = Interchangable Cylinder Small Format (SFIC), LESS CORE**

* All non-standard cylinder or other keyway cylinders available by special order.
**All I.C Cores i.e. Construction Core, Combinated Core. Order separately

6 KEYING OPTIONS

KYCT = Key Cut including Key Blank
KS = Keyed to Specific Number
KA = Keyed Alike
MK = Master Key
GMK = Grand Master Key
GGMK = Great Grand Master Key
CMK = Construction Master Key

7 HANDING

Specify door handing:
LH = Left Hand
RH = Right Hand
LHR = Left Hand Reverse
RHR = Right Hand Reverse

HOW TO SPECIFY INOX TRIMS FOR THIRD PARTY LOCKS

To order trim with third party mortise locksets with a non-standard specification, please describe the additional requirements in the sequence as seen below:

Trim	Vendor	Rose	Lever	Collar	Thumbturn	Finish	Function	Cylinder	Handing
TM	**VDA**	**XRA**	**221**	**GR**	**TT04**	**32D**	**F20**	**CMB1146**	**LH**
1	2	3	4	5	6	7	8	9	10

1 TRIM

Use TM- when pairing INOX trim designs with third party mortise configuration.

2 THIRD PARTY MORTISE VENDOR CODE

Hotel/Hospitality Card Reader Lock
STO - Salto AElements
SQP - Saflok Quantum Pixel
SQM - Saflok Quantum IV
VDA - Vingcard DA Mortise (Essence / Signature / Allure)
VDB - Vingcard DB Mortise (Essence / Signature / Allure)

Commercial Mortise Lock
SCH - Schlage
DOR - DormaKaba
SAR - Sargent

3 ROSE

Specify the design class:
X Series: XRA, XSE, XGT, XGS
*Custom Design class also available

4 LEVER DESIGN

Specify the design lever:
X Series: 202, 205, 221, 243, 244, 318, 345, 346

5 COLLAR

Specify the collar class:
X Series: GT, GS, GR, SR

6 THUMBTURN

Specify the thumb-turn:
X Series: TT07 ADA thumbturn
X Series: TT04 Standard thumbturn
X Series: TT02 Short profile thumbturn

7 FINISH

X Series: 32D Satin Stainless Steel
X Series: 32 Bright Stainless Steel

8 FUNCTION

Specify third party mortise lock function:
F01 - Passage
F22 - Privacy Lock
F19 - Privacy with Deadbolt
F31 - Exit / Communicating
F04 - Office and Inner Entry
F05 - Classroom
F20 - Entrance with Toggle
F13 - Dormitory / Exit Corridor
F21 - Dormitory with Deadbolt
F15 - Entrance / Hotel / Restroom Lock
F09 - Apartment Entrance, Public Toilet
F32 - Classroom Security Intruder Latchbolt
F30 - Asylum/ Institution Lock
F33 - Classroom Security Lock

9 CYLINDER

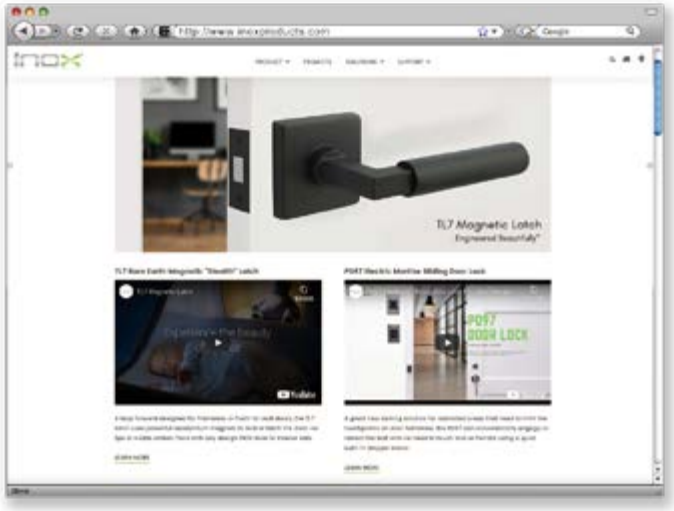
Specify the type of cylinder:
Mortise 6-pin 1-1/4" : CMB1146
Mortise 6-pin 1-1/8" : CMB1186
Small Format IC Housing Standard : CMB1146-ICBA-HUS
Small Format IC Housing Thick Door : CMB1387-ICBA-HUS
Large Format IC Housing : CMB112-LFIC-HUS
SFIC Core Combinated 6-pin : CMB-ICBA6-CMB
SFIC Core Construction 6-pin : CMB-ICBA6-CST
SFIC Core Combinated 7-pin : CMB-ICBA7-CST
LFIC Core Combinated 6-pin : CMB-LFIC-SC6-CMB

10 HANDING

Specify door handing:
LH = Left Hand
RH = Right Hand
LHR = Left Hand Reverse
RHR = Right Hand Reverse

INOX MC7000 Mortise Lock
CROSS REFERENCES

ANSI No.Grade 1	Function	INOX®	Schlage	Dorma	Hager	Cal Royal	Sargent	Yale
F01	Passage Latch	MC7010	L9010	ML9010	3810	8010	7915	8801
F22	Privacy Lock	MC7040	LV9040	ML9040	3840	-	7965	8862
-	Privacy w/Coin Turn	MC7044	LV9044	-	3844	-	-	-
F19	Privacy w/Deadbolt	MC7440	LV9440	ML9940	-	8040	7966	8802
-	Privacy w/Deadbolt and Coin Turn	MC7444	LV9444	-	-	-	-	-
F31	Exit/Communicating	MC7025	L9080	ML9025	-	-	-	8828
-	Half Dummy Trim w/out Lock Case	MC0170	L0170	ML9001	3817	8170	7993	855FL
-	Full Dummy Trim w/out Lock Case	MC0172	L0172	ML9002	3827	8172	7994	838BFL
-	Half Dummy Trim w/Lock Case	MC7175	L9175	ML9003	-	-	-	-
-	Full Dummy Trim w/Lock Case	MC7176	L9176	ML9004	-	-	-	838AFL
F04	Office and Inner Entry	MC7050	LV9050	ML9050	3850	8050	7955	8807
F05	Classroom	MC7070	LV9070	ML9070	3870	8070	7937	8808
F07	Storeroom	MC7080	LV9080	ML9080	3880	8080	7904	8805
F20	Entrance w/Toggle	MC7453	LV9453	ML9953	3853	8453	7943	8847
-	Entrance w/out Toggle	MC7438	-	-	-	-	-	-
F13	Dormitory/Exit/Corridor	MC7456	LV9456	ML9956	3856	8456	7925	8822
-	Closet/Storeroom	MC7465	L9465	-	-	8465	-	-
F21	Dormitory w/Deadbolt	MC7473	L9473	ML9973	-	8473	7924	8860
-	Storeroom Lock w/Deadbolt	MC7480	LV9480	ML9958	-	-	-	8840
F15	Entrance/Hotel/Restroom Lock	MC7485	LV9485	ML9985	-	-	7950	8820
F09	Apartment Entrance, Public Toilet	MC7060	LV9060	ML9060	3861	8060	7916	8817-2
F32	Classroom Security Intruder Latchbolt	MC7071	LV9071	ML9071	-	-	7938	8808-2
F30	Asylum/Institution Lock	MC7082	LV9082	ML9082	3882	8082	-	8830-2
F33	Classroom Security Lock	MC7457	LV9457	ML9968	3857	-	-	8811-2
F14	Store Door Lock	MC7466	L9466	ML9966	-	8466	7926	8860-2
-	Institution Lock w/Deadbolt	MC7482	LV9482	-	-	-	-	-
F17	Deadlock - Cylinder and Thumbturn	MC7460	L9460	MB9960	3860	M8460	8221	8815
F16	Deadlock - Double Cylinder	MC7462	L9462	MB9962	3862	M8462	8222	8814-2
F29	Deadlock - Classroom	MC7463	L9463	ML9B9963	3863	M8463	8203	8813ST
F18	Deadlock - Single Cylinder	MC7464	L9464	MB9961	3864	M8464	8220	8814
-	Deadlock - Thumbturn Only	MC7445	-	-	-	M8480	-	-
-	Deadlock - Thumbturn x Coin Turn Release	MC7447	-	-	-	-	-	-
-	Deadlock - Thumbturn x Coin Turn Release w/Indicator	MC7446	-	-	-	-	-	-



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http://www.inoxproducts.com
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