



Synergy 3570 Series Mortice Locks

Synergy 3570 Series Cylinder Mortice Locks

Application

A wide range of security cylinder mortice locks and latches suitable for heavy duty use in industrial and commercial buildings, institutions, clubs, schools, hospitals, hotels and similar buildings.

Features and Specifications

Synergy Series Cylinder Mortice Locks are made from quality materials to meet high durability and strength requirements.

Case and Cover Plates

- High purity zinc alloy material cases and stainless steel cover plates
- Brass plates provided for plated finishes available

Backset

- 60mm standard backset
- Extended backsets 89 and 127mm are available (Refer to Ordering Procedure)

Latchbolts

Latchbolts are 15mm, stainless steel. Deadlatching is achieved by an auxiliary stainless steel latchbolt. This auxiliary bolt retracts when the main latchbolt is withdrawn when the door is closed.

Deadbolts

Deadbolts are 19mm, stainless steel.

Springs

High grade spring steel material, corrosion protected.

Cylinder Retaining Pin

Hard-drawn spring steel wire, corrosion protected.

Door Thickness

- Synergy Series locks - 32mm to 50mm
- 3579 Series SCEC Locks - 35.50mm

Components to facilitate use on suit thicker doors are available on application.

Door Clearance

To ensure correct functioning of the deadlatching mechanism and security for all locks, the clearance between the door and the frame should be 3mm. The deadlatching will operate up to 8mm door clearance, however door clearances over 5mm are not recommended.

Aluminium Doors

Aluminium door accessory packs and aluminium fix locks are available upon request. Specify SP3570-419 for mounting tabs accessory pack.

Security

All Synergy Series Cylinder Mortice Locks conform with Level S2 (Physical Security) Australian Lock Standard (AS-4145.2-1993). Level S3 (Physical Security) is available upon request.

Durability

All Synergy Series Cylinder Mortice Locks conform with level D3 (Durability) Australian Lock Standard (AS 4145.2-1993).

Fire Rating

Lockwood Synergy Series Mortice Locks have been successfully tested up to four hours (depending on type of doorset) on fire door assemblies in accordance with Australian Standard AS 1905.1-2005, Part 1: Fire Resistant Doorsets.

Cylinder

Bump resistant five pin tumbler mechanism. Standard Lockwood oval shaped brass cylinders and brass barrels.

Functions require the use of different cams and adaptors.

Keying

Standard Keying

- Supplied individually keyed with two keys per lock
- 78000 key combinations

Restricted Special Keying

Lockwood locks can be keyed to a number of controlled and/or specially keyed systems. These range from legally protected keys to protect against unauthorised duplication and can also include specially designed keying systems such as master key systems. This allows for different levels of mechanical access control.

Please refer to assaabloy.com.au for keying systems or contact your local sales office or customer service for specific information.

Standard Finishes

| | |
|----------------------|----|
| Satin Chrome Brushed | SC |
| Chrome Plate | CP |
| Polished Brass | PB |

Extended Cylinders

Modular Cylinder Extensions are available for thicker doors.

Rebate

Rebate kits to suit 13mm standard rebate are available.

Electric Strikes

Lockwood Synergy Series Mortice Locks are compatible with most electric strikes. Refer to assaabloy.com.au for further details.

S2 HIGH SECURITY

D3 DURABILITY

FIRE RATED

3570 Series Standard Backset

1. Hub Selection

A patent protected cam operated hub setting mechanism accessible through the lock body from the outside.

2. Latch Bolt

Reversible for both left and right hand doors opening in or opening out without disassembly.

Standard deadlatch configuration, except for passage latch function.

Separate auxiliary bolt moves into lock case simultaneously with latch bolt.

Bolt – stainless steel fire rated to 4 hours as standard. Electric strike compatible.

3. Strike

Universal stainless steel strike suitable for 4 hour fire rating applications.

4. Door Thickness

Standard applications 32 to 50mm.

5. Backsets

60mm standard, 89mm and 127mm available.

6. Cylinder/Adaptor Retention

“Slip Pin” Cylinder/Adaptor fixing method, which allows attachment to the case by inserting a non-threaded cylindrical pin through the front of the lock case.

7. Multi-Function Lock

Lock is designed to significantly reduce stock line items.

8. Case Assembly

High purity zinc alloy case and backplate.

9. Cylinder Assembly

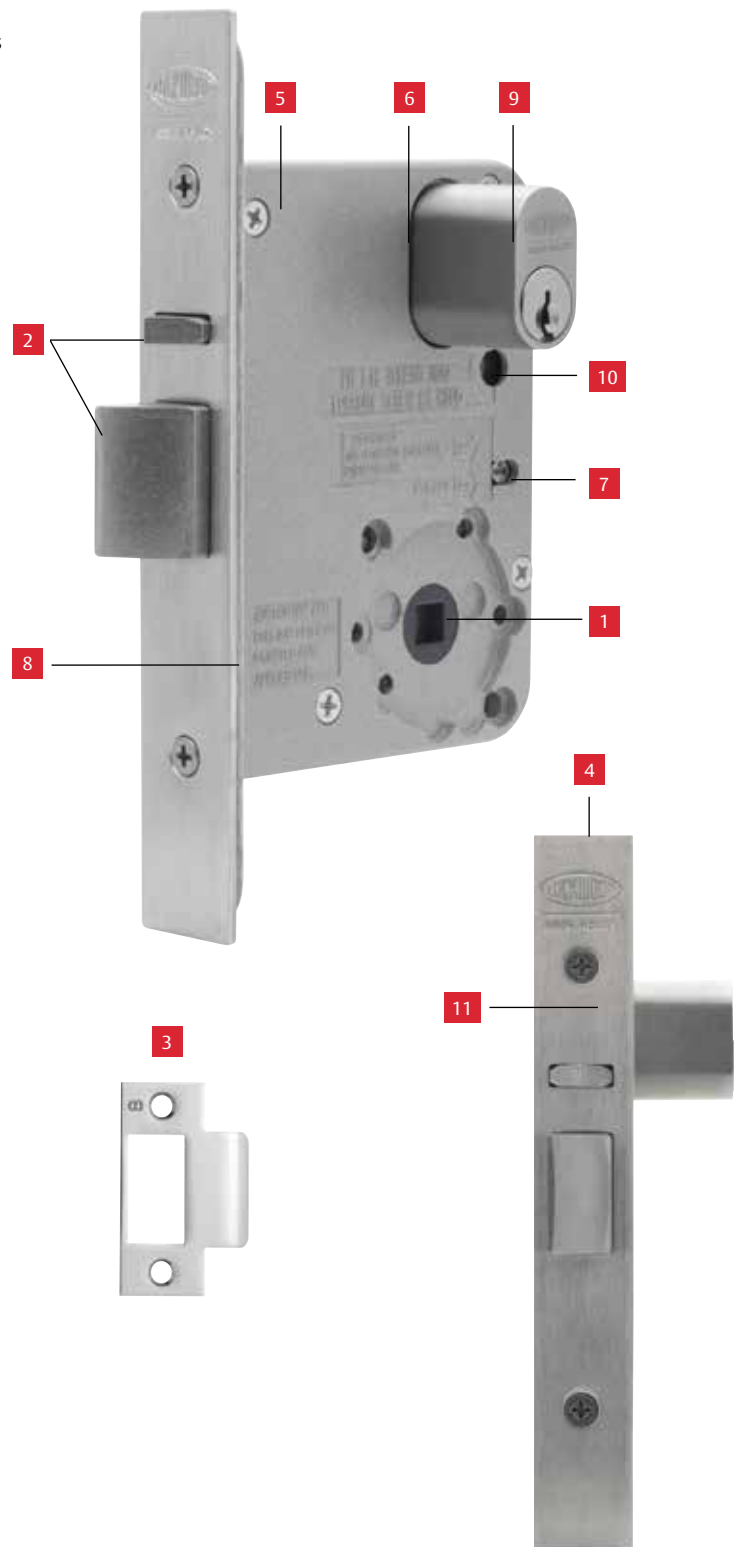
Five pin tumbler mechanism. Standard Lockwood oval shaped, brass cylinders and brass barrels.

10. Kick-Off Selection

A removable screw mechanism selects kick-off (screw fitted) or no kick-off (screw removed).

11. Faceplate

Stainless steel faceplate supplied in square end (standard) and optional round end.



Synergy 3572 Vestibule Lock

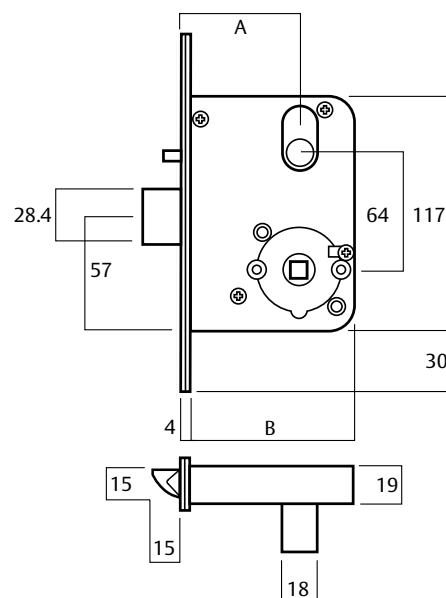
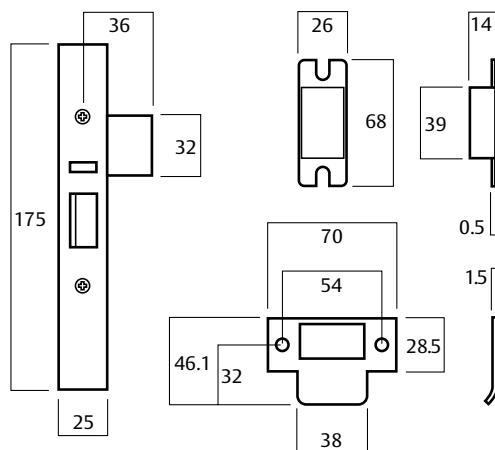


Description

These locks have various latching functions which can be operated by key or handle outside and by turnknob, key or handle inside. For ease of selection specify primary lock. This lock can then be easily adapted to suit function required. These locks have various latching functions which can be operated by key or by a handle inside.

| Product Details | |
|-------------------|---|
| Backset | Available in 60, 89 and 127mm backsets. |
| Furniture | Compatible with most Lockwood rose and plate furniture including Brass Door Furniture, Daintree, Aquileart, Artefact Series II and Ovation Series. Refer to lockweb.com.au for further details. |
| Latch | Deadlatch only. |
| Standard Finishes | Satin Chrome Brushed (SC) Chrome Plate (CP) Polished Brass (PB) Other finishes on application. |

Synergy 3572 Vestibule Lock



Synergy 3572 Vestibule Lock

| Part Number | 3572 | 4572 | 5572 |
|-------------|------|------|------|
| Dimension A | 60 | 89 | 127 |
| Dimension B | 84 | 113 | 151 |

Synergy 3572 Vestibule Lock

Storeroom Locking Latch

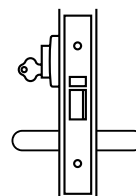
| Part Number | Description |
|-------------|-------------|
| 3572X-R | Right hand |
| 3572X-L | Left hand |

Description

Cylinder Outside. Reversible.

Outside: Opened by key. Handle is always rigid.

Inside: Opened by handle at all times.



Storeroom Locking Latch

Single Action Escape Latch

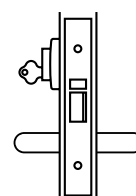
| Part Number | Description |
|-------------|-------------|
| 3572X-R | Right hand |
| 3572X-L | Left hand |

Description

Cylinder Outside. Reversible.

Outside: Opened by key.

Inside: Opened by handle at all times.



Single Action Escape Latch

Classroom and Office Locking Latch

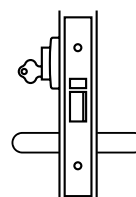
| Part Number | Description |
|-------------|-------------|
| 3572Z-R | Right hand |
| 3572Z-L | Left hand |

Description

Cylinder Outside. Reversible.

Outside: Opened by handle except when handle is made inoperative by key from outside. Key locks or unlocks outside handle.

Inside: Opened by handle at all times.



Classroom and Office Locking Latch

Synergy 3572 Vestibule Lock

Anti-lockout Privacy Escape Latch

| Part Number | Description |
|-------------|-------------|
| 3572EAR | Right hand |
| 3572EAL | Left hand |

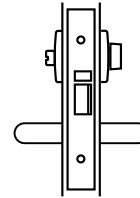
Description

Cylinder and Escape Lever.

Outside: Opened by handle except when handle is made inoperative by turnknob from inside. Handle may be unlocked from outside by coin or screwdriver by operating the slotted emergency button.

Inside: Opened by handle at all times. Turnknob locks or unlocks outside handle.

Anti-lockout: Closing the door or operation of inside handle will 'kick-off' the locking feature, allowing the outside handle to become operative.



Anti-lockout Privacy Escape Latch

Anti-lockout Entry Door Lock

| Part Number | Description |
|-------------|-------------|
| 3572XAR | Right hand |
| 3572XAL | Left hand |

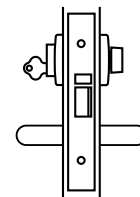
Description

Cylinder and Turnknob. Handed.

Outside: Opened by key at all times. Opened by handle except when handle is made inoperative by key from outside or turnknob from inside.

Inside: Opened by handle at all times. Turnknob locks or unlocks outside handle.

Anti-lockout: Latching the bolt by key, closing the door or operation of inside handle will 'kick-off' the locking feature, allowing the outside handle to become operative.



Anti-lockout Entry Door Lock

Notes: a) Latchbolt can be retracted by key if handle has been rendered inoperative.

b) Specially machined lock case, cannot be made up from 3572 primary lock.

Synergy 3572 Vestibule Lock

Classroom and Office Locking/Latching Latch

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

| | |
|---------|------------|
| 3572M-R | Right hand |
|---------|------------|

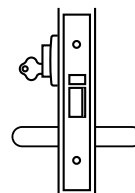
| | |
|---------|-----------|
| 3572M-L | Left hand |
|---------|-----------|

Description

Locking/Latching Cylinder Outside. Handed.

Outside: Opened by key at all times. Opened by handle except when handle is made inoperative by key from outside. Key locks or unlocks outside handle.

Inside: Open by handle at all times.



Classroom and Office Locking/
Latching Latch

Note: Lock contains special adaptor to enable latch bolt to be retracted by key if handle has been rendered inoperative.

Anti-lockout Vestibule Set

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

| | |
|---------|------------|
| 3572WAR | Right hand |
|---------|------------|

| | |
|---------|-----------|
| 3572WAL | Left hand |
|---------|-----------|

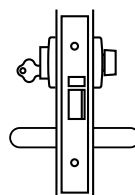
Description

Cylinder and Turnknob. Handed.

Outside: Opened by handle except when handle is made inoperative by key from outside. Key locks or unlocks outside handle.

Inside: Open by handle at all times. Turnknob locks or unlocks outside handle

Anti-lockout: Closing the door or operation of inside handle will 'kick-off' the locking feature, allowing the outside handle to become operative.



Anti-lockout Vestibule Set

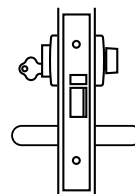
Synergy 3572 Vestibule Lock

Vestibule Set

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

| | |
|---------|------------|
| 3572XTR | Right hand |
|---------|------------|

| | |
|---------|-----------|
| 3572XTL | Left hand |
|---------|-----------|



Vestibule Set

Description

Cylinder and Turnknob. Reversible.

Outside: Opened by key at all times. Opened by handle except when handle is made inoperative by turnknob inside.

Inside: Opened by handle at all times. Turn knob locks or unlocks outside handle.

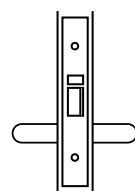
Note: Part numbers shown above are for 60mm backset lock, if 89mm is required substitute 3 for 4 i.e. 45722-R, or if 127mm lock is required, substitute 3 for 5 i.e. 5572Z-R

Exit Door Latch

| Part Number | Description |
|-------------|-------------|
|-------------|-------------|

| | |
|-------|------------|
| 3572R | Right hand |
|-------|------------|

| | |
|-------|-----------|
| 3572L | Left hand |
|-------|-----------|



Exit Door Lock

Description

Exit Function Only. Reversible.

Outside: Handle is always rigid.

Inside: Opened by handle at all times.

Synergy 3572 Vestibule Lock

Exterior and Exit Door Lock

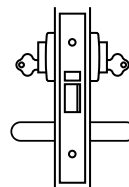
| Part Number | Description |
|-------------|-------------|
| 3572XZR | Right hand |
| 3572XZL | Left hand |

Description

Exit Function Only. Reversible.

Outside: Opened by key at all times. Opened by handle except when handle is made inoperative by key from inside.

Inside: Opened by handle at all times. Key locks or unlocks outside handle.



Double Cylinder Escape Lock

Exterior and Exit Door Lock

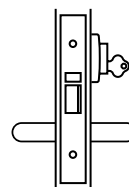
| Part Number | Description |
|-------------|-------------|
| 3572-ZR | Right hand |
| 3572-ZL | Left hand |

Description

Cylinder Inside. Reversible.

Outside: Opened by handle except when handle is made inoperative by key from inside.

Inside: Opened by handle at all times. Key locks or unlocks outside handle.



Single Cylinder Exit Door Lock

Synergy 3572 Vestibule Lock

Exterior and Exit Door Lock

| Part Number | Description |
|-------------|-------------|
| 3572-TR | Right hand |
| 3572-TL | Left hand |

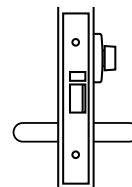
Description

Cylinder and Escape Lever.

Outside: Opened by handle except when handle is made inoperative by turnknob from inside.

Inside: Opened by handle at all times. Turnknob locks or unlocks outside handle.

Note: Part numbers shown above are for 60mm backset lock, if 89mm is required substitute 3 for 4 i.e. 4572Z-R, or if 127mm lock is required, substitute 3 for 5 i.e. 5572Z-R



Exit Door Lock