



3500 Series

# 3580 Series

## Cylinder Mortice Lock Collection



# Cylinder Mortice Locks

## 3580 Series General Information

### Application

A comprehensive range of automatic deadlatches, complete with spring loaded furniture, for narrow stile hinged doors, combining convenience and security.

### Features & Specifications

All 3580 Series Short Backset Cylinder Mortice Locks are built of the finest materials, with the easy action and solid feel of the world's finest locks.

### Single Action Escape

Both lockset and furniture are reversible without disassembly.

### Case & Cover Plates

High purity alloy material cases.  
Brass plates provided for all finishes.

### Furniture Plates & Lever Handles

Solid Brass.

### Backset

23 mm Standard backset.  
Extended backsets of 25.4 mm, 30 mm and 38 mm are available on application.

### Latchbolts

Latchbolts are 15 mm, 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This auxiliary bolt retracts when the main latchbolt is withdrawn when the door is closed.

### Springs

High-grade spring steel material, corrosion protected.

### Cylinder Retaining Pin

Hard-drawn spring steel wire, corrosion protected.

### Door Thickness

Timber doors: 32 to 50 mm.  
These locks are available with a long coverplate, strike and screws to suit timber doors and jambs.  
Metal doors: 35 to 50 mm.

Suits hollow-style aluminium door sections with 37 mm minimum internal depth.

### Cylinder

5 pin tumbler mechanism. Standard Lockwood oval shaped, Brass cylinders and Brass plugs.

### Keying

#### Standard Keying

Supplied individually keyed with two keys per lock. 78,000 key combinations. Key blank KB 2015P.

### Special Keying

Can be keyed alike, master keyed, grand master keyed, maison keyed or construction keyed in Lockwood security keying systems.

### Security

All 3580 Series Cylinder Mortice Locks conform with Level S2 (physical Security) Australian Lock Standard (AS4145.2-1993).  
Conformance with level S3 (Physical Security). Available upon request

### Durability

All 3580 Series Cylinder Mortice Locks conform with level D3 (Durability) Australian Lock Standard (AS4145.2-1993).

### Door Clearance

To ensure correct functioning of the deadlatching mechanism and security for all locks, the clearance between the door and frame should be 3 mm. However the deadlatching will operate up to 7 mm door clearance.

### Standard Finishes

Bright Chrome	CP
Satin Chrome	SC
Florentine Bronze	FB
Polished Brass	PB

### Specification Service

For all architectural hardware specification assistance refer to your local Lockwood sales office.

A fully comprehensive, obligation free, architectural door hardware specification can be prepared by Lockwood architectural hardware consultants.

### Hold-Back Cylinders

A key operated hold-back function for latching cylinders is available. Refer accessories on Page 28.

### Extended Cylinders

Extended cylinders are available for thicker doors. Refer accessories on Page 28.

### Rebate

Rebate kits to suit 13 mm standard rebate are available – refer accessories Page 29.

### Electric Strikes

Lockwood 3580 Series Mortice Locks are compatible with most electric strikes. Refer local sales office for further detail.

## 3580 Series Short Backset Features

### 1. Hub Selection

Sliding adjustable locking members attached to the snib, screw fixed in either the operative or inoperative positions, accessible from the outside of the lock body to set hubs as required.

### 2. Latch Bolt

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

Standard deadlatch configuration only, 15 mm stainless steel material.

Electric strike compatibility.

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

### 3. Strike

Brass material to suit inward/outward opening doors to conform to Australian Lock Standard universal strike.

### 4. Retrofit Applications

Lock is available for existing Lockwood 595/5900 and ASTRA short backset cylinder mortice lock installation. Refer strike on page 29.

### 5. Door Thickness

Timber doors: 32 to 50 mm.

Metal doors: 35 to 50 mm.

### 6. Backsets

Standard Backset - 23 mm.

Other baskets available on application

25.4, 30 and 38 mm.

### 7. Cylinder/Adaptor Retention

Patented "Slip Pin" Cylinder/Adaptor fixing method, which allows attachment to the lock case by inserting a non-threaded cylindrical pin through the front of the lock case. Patent Number 643379.

### 8. Multi-Function Lock

Lock is designed to significantly reduce stock line items.

Standard cylinder mortice lock can be converted from escape function to combination function by simple manipulation of hub snibs without lock case disassembly.

### 9. Rebate Kit

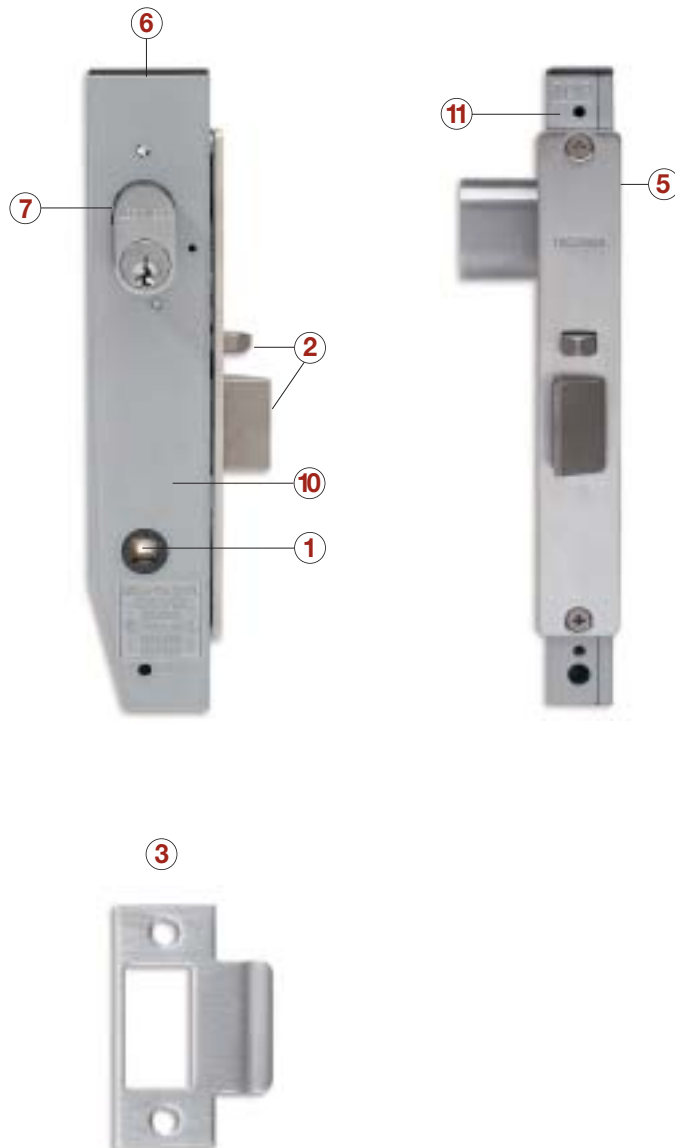
Rebate kit suitable for timber doors with a minimum backset of 30 mm.

### 10. Case Assembly

High purity alloy case and backplate.

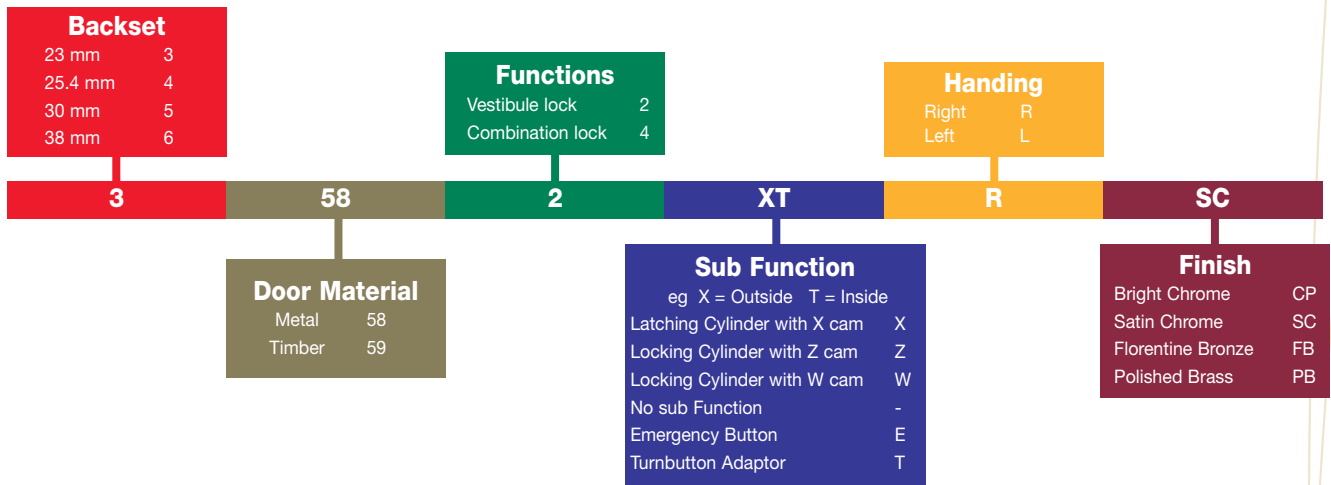
### 11. Lock Fixing

Fabricator pack fixing.



# Cylinder Mortice Locks

## 3580 Series Ordering Procedure



### Code

#### 1. Backset

Nominate backset as required, eg 3 = 23 mm backset.

#### 2. Door Material

Select lock appropriate for door type, eg 58 = metal door application.

#### 3. Function

Select function, eg 2 = vestibule lock.

#### 4. Sub Function

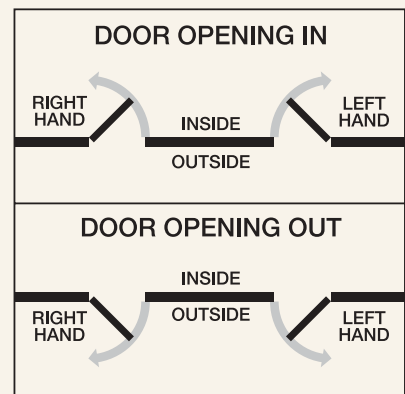
Determine sub function requirements for both exterior and interior, eg Exterior – Latching function required – specify X (cylinder). Interior – turnknob function required – specify T (turnbutton adaptor).

#### 5. Handing

If applicable refer to door handing chart to determine left or right hand, eg R.

#### 6. Finish

Select appropriate finish, eg SC. Other finishes available on application.



# Cylinder Mortice Locks

## 3582 Short Backset Vestibule Locks

Various latching functions operated generally by key or handle outside and by turnknob, key or handle inside.

These locks comply with building regulations for single-action escape doors.

For ease of selection specify primary lock ie, 3582SC. This lock can then be easily adapted to suit function required.

### Application

Shop front entrance, stairway, emergency egress door, air lock doors.

### Features & Specifications

#### Bolt

Deadlatch only.

#### Keying

Can be keyed alike, master keyed, grand master keyed, maison keyed or construction keyed in Lockwood security keying systems.

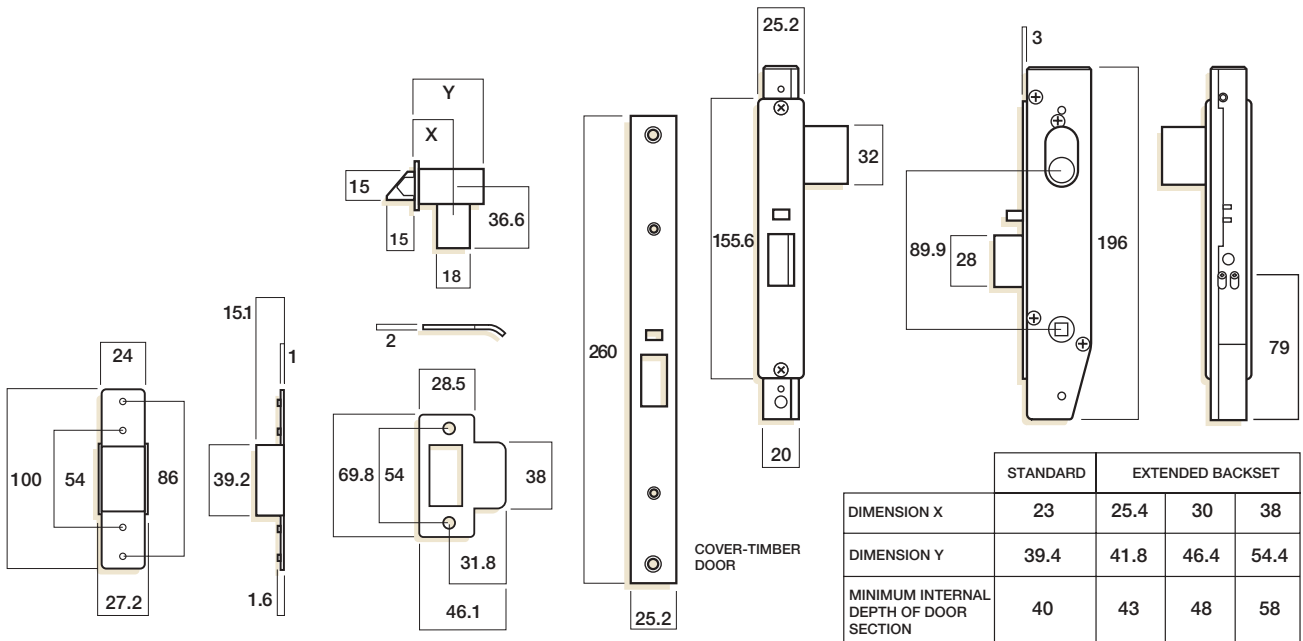
### Standard Finishes

- Bright Chrome CP
- Satin Chrome SC
- Florentine Bronze FB
- Polished Brass PB

Other finishes on application.

### Ordering Procedure

Refer page 23.



	STANDARD		EXTENDED BACKSET	
	23	25.4	30	38
DIMENSION X	23	25.4	30	38
DIMENSION Y	39.4	41.8	46.4	54.4
MINIMUM INTERNAL DEPTH OF DOOR SECTION	40	43	48	58

# Cylinder Mortice Locks

## 3582 Short Backset Vestibule Locks

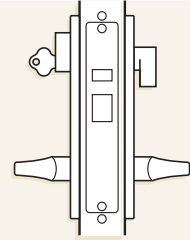
### Vestibule Set

#### Cylinder and turnknob. Reversible.

Metal doors	Right hand	3582XTR
	Left hand	3582XTL
Timber doors	Right hand	3592XTR
	Left hand	3592XTL

**Outside:** Opened by key at all times.  
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.



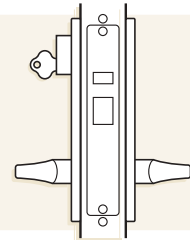
### Storeroom Locking Latch

#### Cylinder outside. Reversible.

Metal doors	Right hand	3582X-R
	Left hand	3582X-L
Timber Doors	Right hand	3592X-R
	Left hand	3592X-L

**Outside:** Opened by key. Handle is always rigid.

**Inside:** Opened by handle at all times.



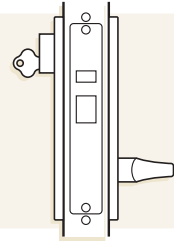
### Single Action Escape Latch

#### Cylinder outside. Reversible.

Metal Doors	Right hand	3582X-R
	Left hand	3582X-L
Timber Doors	Right hand	3592X-R
	Left hand	3592X-L

**Outside:** Opened by key.

**Inside:** Opened by handle at all times.



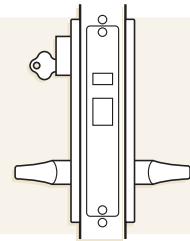
### Classroom & Office Locking Latch

#### Cylinder outside. Reversible.

Metal Doors	Right hand	3582Z-R
	Left hand	3582Z-L
Timber Doors	Right hand	3592Z-R
	Left hand	3592Z-L

**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.



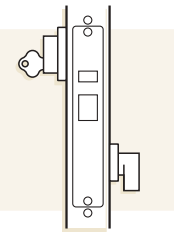
### Exterior Deadlatch (Complete Unit)

#### Cylinder and turnknob with key hold back.

Right hand	3582-1RSC
Left hand	3582-1LSC

**Outside:** Opened by key.

**Inside:** Opened by turn snib at all times.



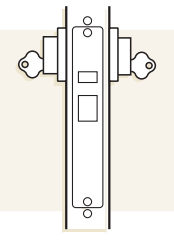
### Exterior & Exit Door Lock (Complete Unit)

#### Double cylinder deadlatch with key hold back.

Right hand	3582-3RSC
Left hand	3582-3LSC

**Outside:** Opened by key.

**Inside:** Opened by key.



### Single Action Escape Latch (Complete Unit)

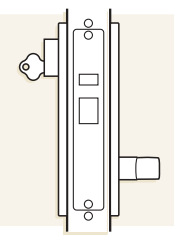
#### Cylinder and exit handle with key hold back.

External plate, internal plate included.	
Right hand	3582-5RSC
Left hand	3582-5LSC

External/internal plates included.

**Outside:** Opened by key.

**Inside:** Opened by handle at all times.



# Cylinder Mortice Locks

## 3584 Short Backset Combination Locks

Various latching functions operated generally by outside or inside handles, except when locked by key outside or by key or turnknob inside.

For ease of selection specify primary lock ie, 3582SC This lock can then be easily adapted to function required.

### Applications

Office, passage balcony.

### Features & Specifications

#### Bolt

Deadlatch only.

#### Keying

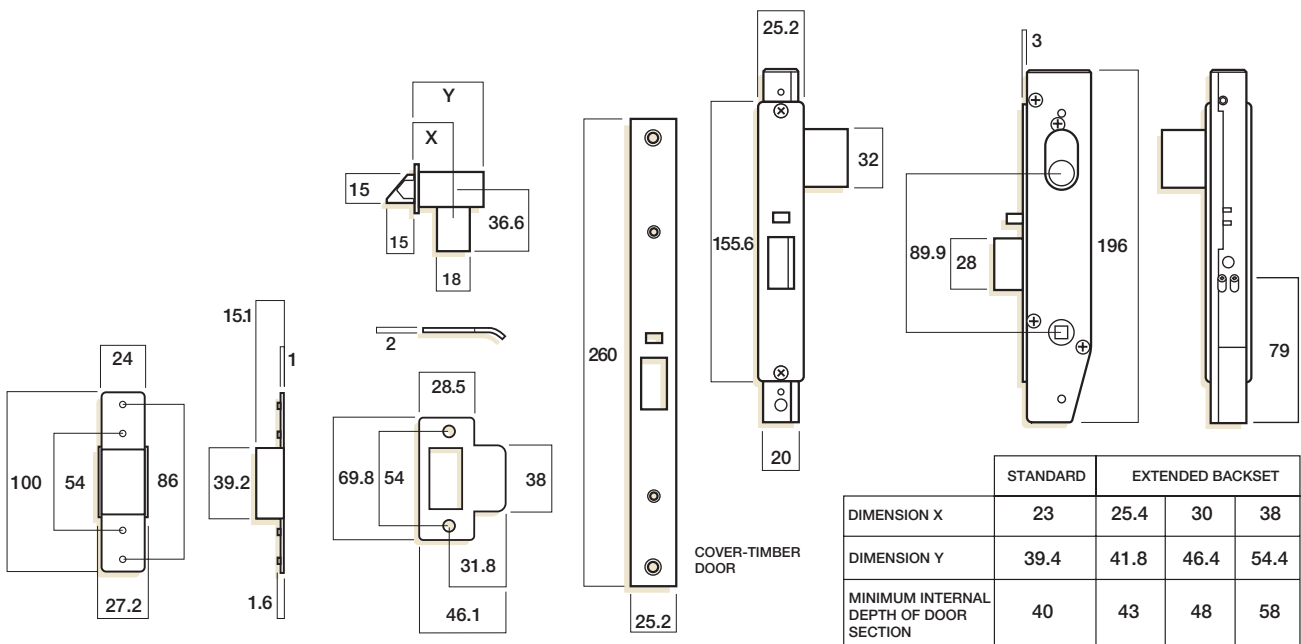
Can be keyed alike, master keyed, grand master keyed, maison keyed or construction keyed in Lockwood security keying systems.

### Standard Finishes

- Bright Chrome CP
  - Satin Chrome SC
  - Florentine Bronze FB
  - Polished Brass PB
- Other finishes on application.

### Ordering Procedure

Refer page 23.



# Cylinder Mortice Locks

## 3584 Short Backset Combination Locks

### Passage Latch

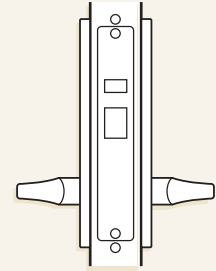
No locking function. Non handed.

Metal doors 3584

Timber Doors 3594

**Outside:** Opened by handle.

**Inside:** Opened by handle.



### Office Locking Latch

Cylinder and turnknob. Reversible.

Metal Doors Right hand 3584WTR

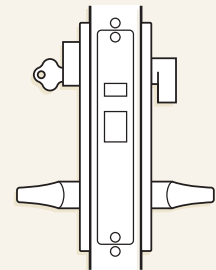
Left hand 3584WTL

Timber Doors Right hand 3594WTR

Left hand 3594WTL

**Outside:** Opened by handle except when handle is made inoperative by key from outside or by turnknob from inside. Key locks or unlocks both handles.

**Inside:** Opened by handle except when handle is made inoperative by key from outside or turnknob inside. Turnknob locks or unlocks both handles.



### Glass Door Locking Latch

Double cylinder. Reversible.

Metal Doors Right hand 3584ZZR

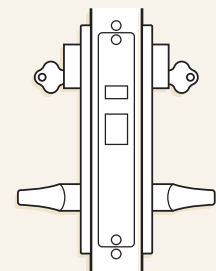
Left hand 3584ZZL

Timber Doors Right hand 3594ZZR

Left hand 3594ZZL

**Outside:** Opened by handle except when handle is made inoperative by key from either side. Key from either side locks or unlocks both handles.

**Inside:** Opened by handle except when handle is made inoperative by key from either side. Key from either side locks or unlocks both handles.



### Privacy Latch

Emergency button and turnknob. Reversible.

Metal Doors Right hand 3584ETR

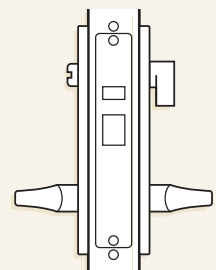
Left hand 3584ETL

Timber Doors Right hand 3594ETR

Left hand 3594ETL

**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 turnbutton.

**Inside:** Opened by handle except when handle is made inoperative by turnknob. Turnknob locks or unlocks both handles.



# Cylinder Mortice Locks

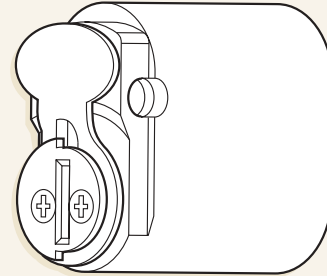
## 3580 Accessories

### Hold Back Cylinder (For use with 3580 locks only)

Special latching cylinders with levers that enable the latchbolt to be held in retracted position. This cylinder type hold back can only be applied or released by the key. These special latching cylinders are available on application and are supplied ex-factory handed to suit lock function.

To apply hold back: Insert key into cylinder and retract bolt with one full turn of key. Hold bolt depressed with finger and withdraw key.

To release hold back: Insert key into cylinder, rotate key one full turn and withdraw key.



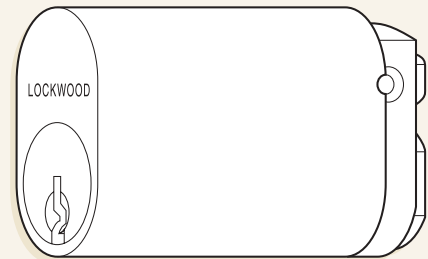
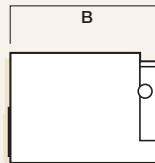
Right hand	Part No.
Bright Chrome	3580-2402CP
Satin Chrome	3580-2402SC
Florentine Bronze	3580-2402FB
Polished Brass	3580-2402PB
Left hand	Part No.
Bright Chrome	3580-2452CP
Satin Chrome	3580-2452SC
Florentine Bronze	3580-2452FB
Polished Brass	3580-2452PB

### Extended Cylinders

Extended cylinders should be considered when door thickness exceeds 50 mm or when the lock is mounted off centre in the door edge. A range of cylinders is available to suit various door thicknesses.

#### Standard finishes

Bright Chrome	CP
Satin Chrome	SC
Florentine Bronze	FB
Polished Brass	PB



Part Number with Relevant Cam					
"X" Cam	"Z" Cam	"W" Cam	"A" Cylinder Projection	"B" Cylinder Length	Door Thickness (lock central)
570-2/37	572-2/37	575-2/37	42	39	50 to 58
570-2/48	572-2/48	575-2/48	53	50	58 to 82
570-2/60	572-2/60	575-2/60	65	62	82 to 106
570-2/76	572-2/76	575-2/76	81	78	106 to 130
570-2/84	572-2/84	575-2/84	89	86	130 to 154
570-2/98	572-2/98	575-2/98	103	100	154 to 178

A = Cylinder in mounted position to the outside of cylinder face.

B = Overall cylinder length excluding cam.

# Cylinder Mortice Locks

## 3580 Accessories

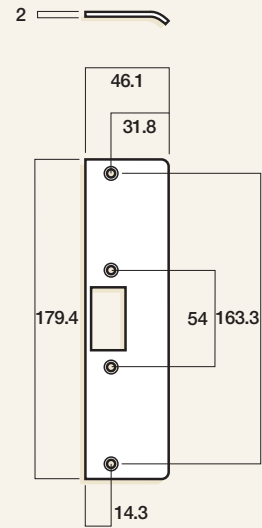
### Retrofit Strikes

For replacement of existing installations where Lockwood 5900, 595 and Astra Short Backset are used.

For replacement of Astra specify 25.4 mm backset.

**Part No.**

Bright Chrome	3580-1902CP
Satin Chrome	3580-1902SC
Florentine Bronze	3580-1902FB
Polished Brass	3580-1902PB



### Rebate Kits

Rebate kits to suit 13 mm rebated timber doors with minimum backset of 30 mm available on application.

**Part No.**

Bright Chrome	3580-2902	CW/ACW CP
Satin Chrome	3580-2902	CW/ACW SC
Florentine Bronze	3580-2902	CW/ACW FB
Polished Brass	3580-2902	CW/ACW PB

\*Specify door handing (clockwise/anticlockwise)

