Austral Lock
BY GAINSBOROUGH

Virtus Four Point Mortice Lock

The Austral Lock Virtus four point mortice lock is a reliable locking solution for aluminium doors. Designed and developed to Australian Standards, the Virtus four point mortice lock is a secure solution, offering a locking latch and a deadbolt which throws to 13mm and 22mm deadbolt in one lock. The shootbolts throw 17mm by lifting the lever and retract when the lever is pushed down. The nylon coated stainless steel D tips on the rods offer strong yet noiseless secure four point locking. The Virtus four point lock is compatible with standard fixed cam Euro profile cylinders and achieves S8 security rating and D8 durability rating as per AS4145: 2008.2. The Virtus lock can be used with Verta, Forge and Aurora furniture.

Features

- Provides four points of locking: latch, deadbolt and top and bottom shootbolts
- Deadbolt can extend 13mm on one turn and 22mm on the next half turn of the key/thumb turn once or twice without adjustment to the lock
- Deadbolt returns from either 13mm or 22mm state with one turn of the key/thumb turn
- 30mm, 40mm and 60mm backset options
- Easy handing by latch rotation
- Adjustable latch projection
- Compatible with standard fixed cam Euro profile cylinders
- Employs the same door preparation as the Austral Lock Virtus two point lock
- D tips coated with nylon for quite and smooth operation
- Standard rod kit can be used for doors upto 2.6m tall
- Extension rod available for taller doors upto 3.6m
- Fixing tabs and a narrower (22mm wide) face plate with radius corners available for easy flush mount installation
- Offers privacy locking as well as deadlocking*

*Privacy locking is offered when compatible sliding snib furniture is used

| Warranties	
Mechanical	10 years
Finish	7 years

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Specifications

| Door type	Timber or aluminium
Door thickness	Minimum 32mm (or 40mm when used with long plate furniture)
Backset	30mm, 40mm or 60mm
Spindle size	8mm
Lock case material	Zinc die-cast
Faceplate	Stainless steel, square corner faceplate for face mount installation; narrower and radius corner faceplate available for flushmount installation
Cylinder*	Suits fixed cam Euro profile cylinders, available seperately
Lever furniture*	Can be used with long plate furniture under Austral Lock Aurora series, Verta series or Brio 288 series

*Refer to Allegion price guide and the Austral Lock website for compatible euro cylinder range

Diagrams

Facemount backsets dimensions
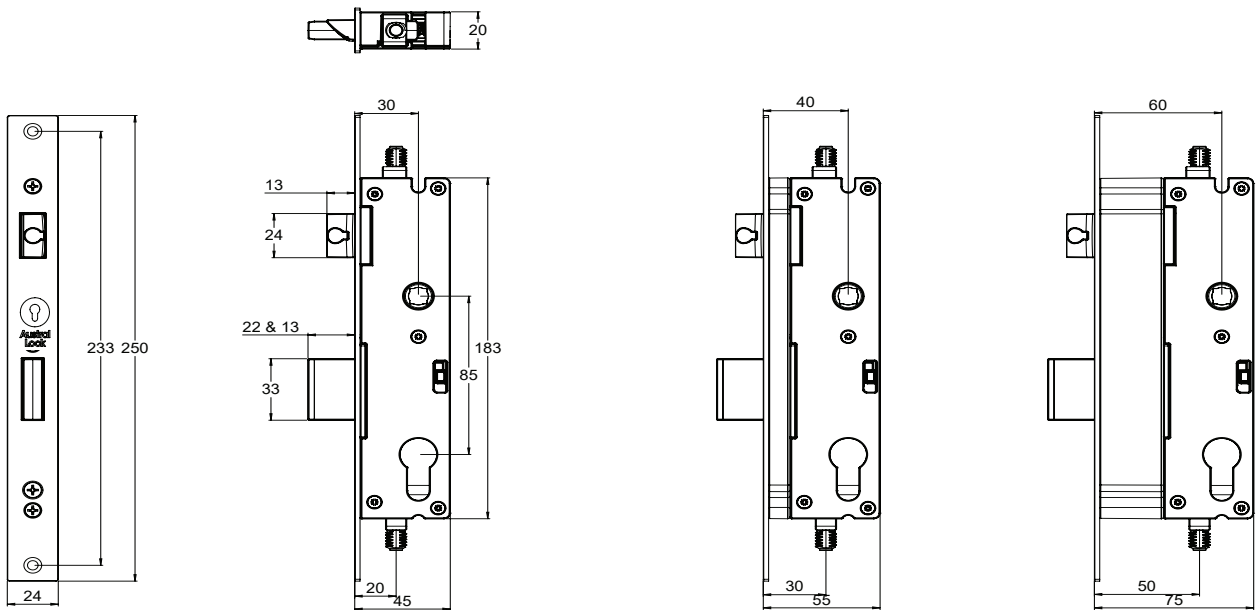
Flushmount backsets dimensions
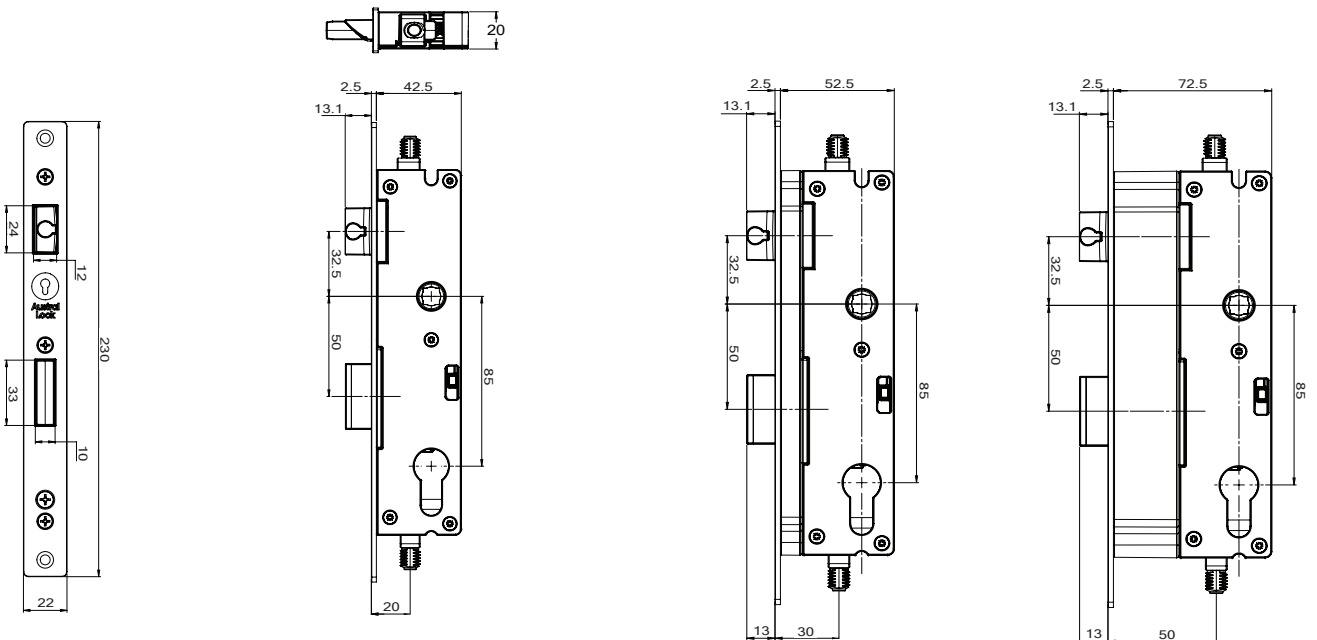
Product Codes

| Face mount backsets, incl. fixing screws	
Virtus 4 Point 30mm backset	4PT-30A
Virtus 4 Point 40mm backset	4PT-40A
Virtus 2 Point 60mm backset	4PT-60A
Flush mount backsets, incl. fixing tabs and fixing screws	
Virtus 4 Point 30mm flush mount backset	4PT-30A-FM
Virtus 4 Point 40mm flush mount backset	4PT-40A-FM
Virtus 4 Point 60mm flush mount backset	4PT-60A-FM
Accessories	
Virtus 4 Point rod kit	4PT-RK25
Virtus 4 Point rod kit 1m extension rod	4PT-RKEX
12mm left and right handed strikes pair, incl. fixing screws	2PT-12ASK
60mm long lip non-handed flat strike (no screws included)	2PT-60ASK
22mm wide fixing tabs for flush mount installation incl. fixing screws	22MMFIXTAB
16mm long D guide for rods	4PT-RK-DG

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Strike plates dimensions

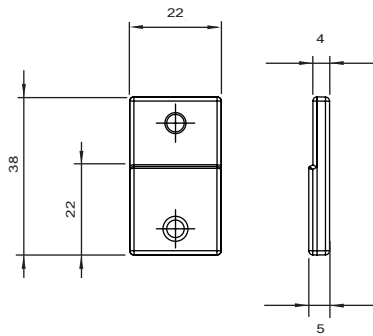### 12mm left and right handed bent lip strikes
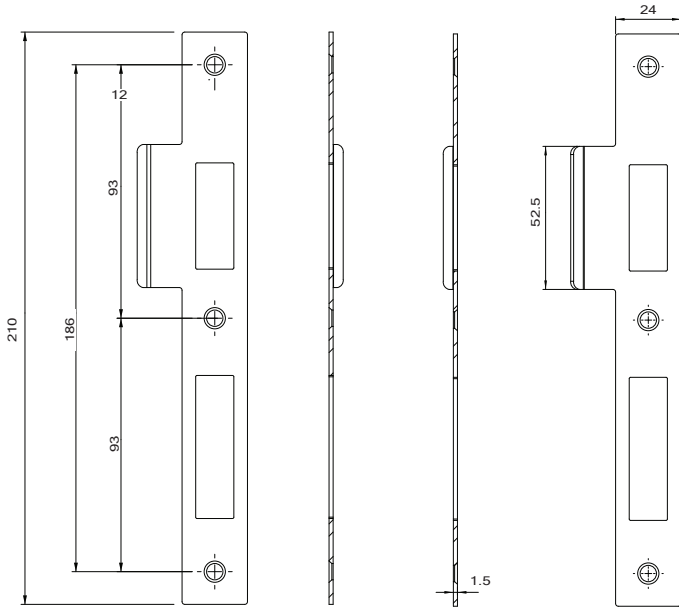
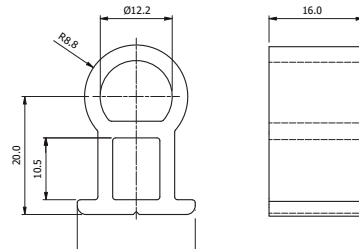### 60mm long lip non-handed flat strike
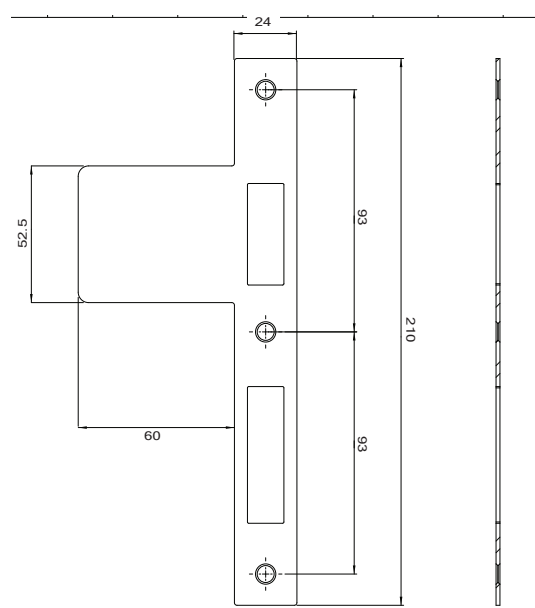
Fixing tabs dimensions

22mm wide stepped fixing tabs
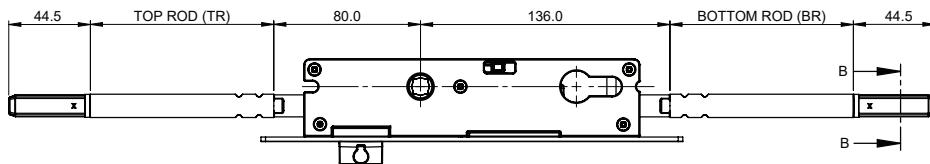

D tip guide dimensions
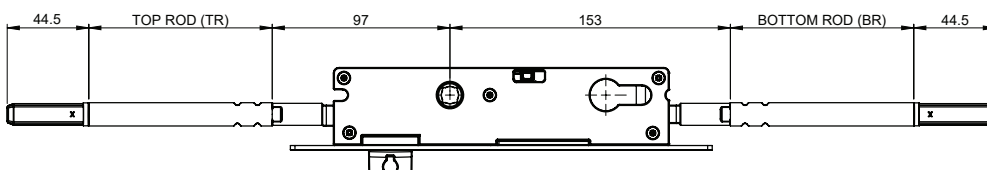
16mm long D tip guide

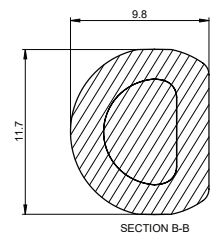## 4 Point lock with rod kits - key dimensions

(30mm backset is shown here)

Rods in retactred position

Rods in extended position

D tip cross section dimensions

SECTION B-B

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Door cutout dimensions

For face mount installation

30mm Backset - 27.5mm
40mm Backset - 37.5mm
60mm Backset - 57.5mm

INTERNAL

EXTERNAL

8.0

21

(BACKSET mm)

4X R 3

∅ 9

88.5

72

59.5

35.4

51.4

233 200

84.5

26

(16)

2X R 5

101.5

2x R10

(37)

(17)

122.5

∅ 20

∅ 9

SLOT ONLY FOR
FURNITURE WITH SNIB

LOCK MOUNTING
FACE

1000MM TO
THE BOTTOM
OF THE DOOR
(RECOMMENDED)

LOCK MOUNTING
FACE

ALLEGION™
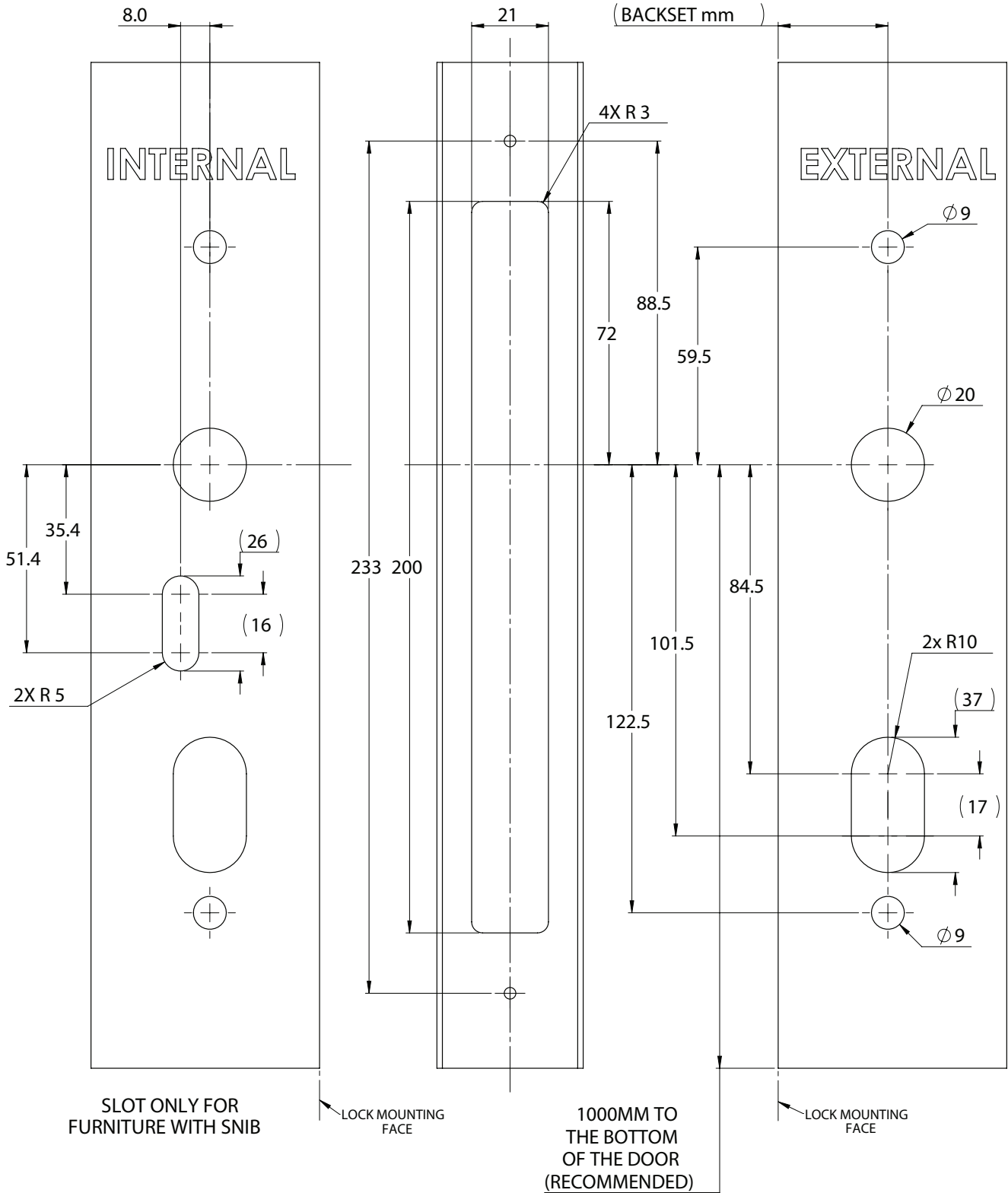
Door cutout dimensions

For flush mount installation

30mm Backset – 30mm
40mm Backset – 40mm
60mm Backset – 60mm

(BACKSET mm)

INTERNAL

EXTERNAL

8.0

22.0

∅9

∅20

104

87.0

59.5

35.4

51.4

(26)

(16)

230.0

84.5

2x R10

101.5

(37)

2X R5

160

122.5

(17)

R2.5 x 4

∅9

∅5.0
2 HOLES

∅8.6 CSK
2 HOLES

SLOT ONLY FOR
FURNITURE WITH SNIB

EXTRUSION FACE

1000MM TO
THE BOTTOM
OF THE DOOR
(RECOMMENDED)

EXTRUSION FACE