

Mortice Dual Profile Cylinder Locks

Introduction

The Briton 5200 series is a range of quality mortice locks with a unique 'X-Tension' feature. For use with both Euro or Oval profile cylinders, the series offers the most common range of lock functions including sashlock, deadlock, bathroom lock and latch.

Features & Functions

- Black powder coated steel case
- Backset 57mm
- Centres - 56mm (Oval profile)
- 57mm (Euro profile)
- 57mm (Bathroom lock)
- Grade 304 stainless steel two piece square forend
- Quick reversible latch allows quick and trouble free on-site handing without the need to dismantle the lockcase
- Dual profile lockcase can be used with Euro profile or Oval profile cylinders
- Unique 'X-Tension' feature allows the follower spring tension to be adjusted to compensate for different lever weights
- 13mm single throw hardened steel deadbolt resists sawing attack
- Bolt through fixing holes to DIN 18251 (excluding 5250)
- Nightlatch fitted with anti-thrust feature to prevent manipulation of the latch when the door is closed
- 13mm throw deadbolt operated by thumbturn & emergency release with 5mm follower on bathroom sashlock variant



5220.57.S



Certification

- CE Marked to EN 12209 - 5210 (2812-CPR-AG0005); 5220 (2812-CPR-AG0006)
- 5230 (2812-CPR-AG0079); 5240 (2812-CPR-AG0007)
- UKCA Marked to EN 12209 - 5210 (1121-CPR-UK-AD7639); 5220 (1121-CPR-UK-AD7647)
- 5230 (1121-CPR-UK-AD7649); 5240 (1121-CPR-UK-AD7843)

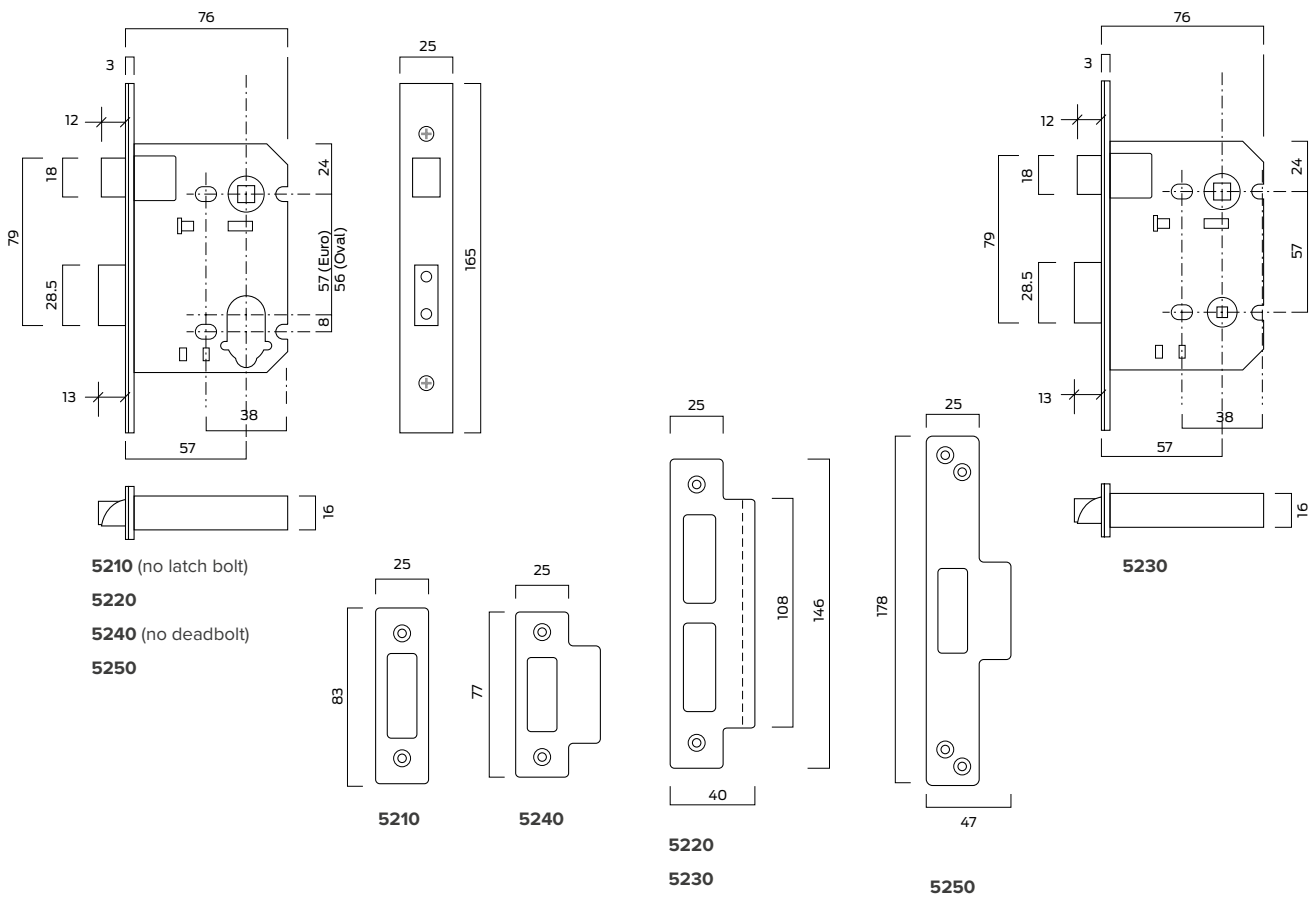
Fire tested to EN 1634-1 for use on fire doors up to 90 mins timber / 4hr steel
[* May be fitted to fully insulated steel based doorsets or uninsulated steel based doorsets where the closer is fitted to the fire risk face only].

Environmental Product Declaration in accordance with ISO 14025 and EN 15803

DoP available at www.britondops.co.uk

5200 Series Mortice Dual Profile Cylinder Locks

Product features	Product references				
	5210.57.S	5220.57.S	5230.57.S	5240.57.S	5250.57.S
Lock Function	Deadlock	Sashlock	Bathroom Lock	Latch	Nightlatch
Forend style	Square	Square	Square	Square	Square
Backset	57mm	57mm	57mm	57mm	57mm
Centres	n/a	57mm	57mm	n/a	47.6mm (Euro profile) 48mm (Oval profile)
CE Classification	3X810F2BA00	3X810F2BA20	3X810F-B020	3X810F-B020	NOT CE MARKED



Finishes

All lockcases available in stainless steel with a satin finish.



SS

Satin stainless steel

General Maintenance

Mortice Lockcases

There are two principal types of mortice lock, cylinder locks and lever locks.

Cylinder locks are two part locks, having a separate locking cylinder which fits into the lockcase. The cylinder protrudes from one or both faces of the door and accepts the key which operates locking function.

Lever locks have the locking function and keyway integral with the lockcase. Provided the lock and its hardware have been correctly installed and the door has not been distorted, the lock and hardware should not need to be adjusted or lubricated.

Types of maintenance

Much of the routine maintenance recommended consists of a combination of visual and mechanical checks, cleaning and lubrication. Look out for the icons opposite which provide a 'quick glance' reminder of the maintenance required.

Visual checks

Primarily making a visual check on the product and surrounding door/frame looking for wear, damage, and general condition.



Functional checks

Consists of checking that the product operates properly ensuring the door can fully close without any binding or undue force required. Check that any seals or weatherstripping do not inhibit correct operation of the door



Check fixings

Fixings need to be checked regularly and tightened when necessary. Check that no projection of fixings prevents the door from swinging freely.



Lubricating

The keyway of a cylinder should NOT be lubricated with oil. A light application of powdered graphite may be used.



Cleaning

Build up of grease, dust and harmful chemicals should be removed to prevent corrosion and maintain the product finish.

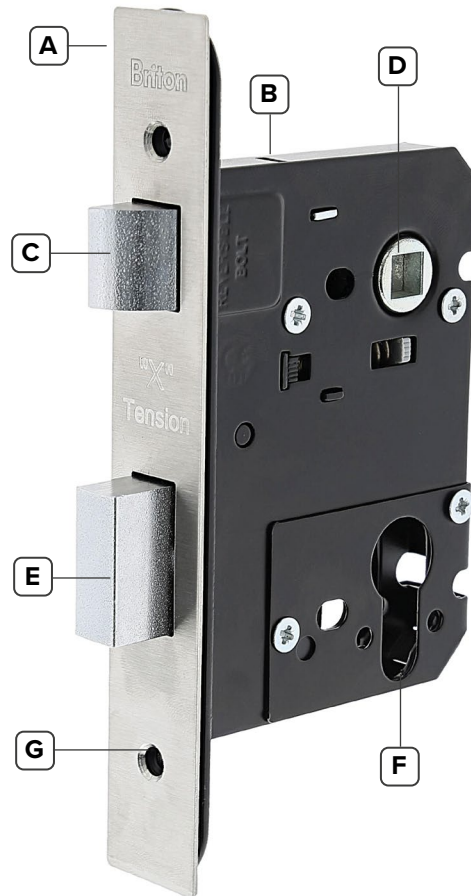


Mortice Lockcase Maintenance

MORTICE LOCKCASES

Primary components of the cylinder lock (opposite) are:

A - Forend (fixings may be concealed beneath a forend cover plate); B - Lockcase (cover should not be removed); C - Latchbolt; D - Follower; E - Deadbolt; F - Cylinder port (on bathroom locks this is replaced by a second follower which is operated by the thumbturn); G - Cylinder fixing screw.



MONTHLY

Check lock forend and lever handles for dirt and grease and wipe clean as directed by the "Care of Finishes" on page 16 of the 'Service & Maintenance Guide'.



ANNUALLY

Check that the latch and deadbolt (if appropriate) operate smoothly and that the levers (where fitted) return to the horizontal position.



Check that the latch and/or deadbolt locate fully into their strike plate. Any misalignment of the lock and the strike should be rectified immediately.

Check that the key enters the cylinder (except bathroom locks) smoothly and that the key (and thumbturn if fitted) operates the lock mechanism smoothly.



Check that fixings are tight on the lock and the lever furniture, including the grub screw fixing of the lever handles.



If necessary a small amount of light machine oil can be used around the shank of the levers.

