

Ritherdon Replacement Locks are designed to replace damaged or broken locks on Ritherdon Meter Box Repair Door and Frame units and Ritherdon Meter Boxes. The lock that will fit on your Ritherdon product may depend on its age as some of the designs have been updated. It should be noted that an old unit that fits an old Slam Lock or MCAM lock **cannot** fit the new Slam Cam, and similarly a new unit that fits a new Slam Cam **cannot** fit an older Slam Lock or MCAM lock. Therefore, it is important to distinguish between the two, which this guide aims to do. The types of lock are as follow:

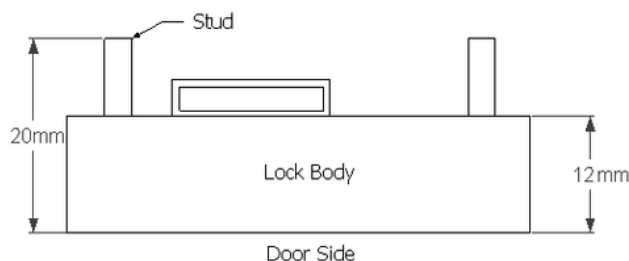
Slam Cam

The Slam Cam is a spring-loaded quarter turn cam lock that fits on most of our up-to-date door and frame units. The lock allows the door to shut by simply pushing it closed and is intended to replace the outdated Slam Locks (SLK12 & SLK20). They have a cam distance (distance between the outer surface of the door and the contact surface of the cam) of 15mm and fit into a 22mm hole with 20mm flats on four sides, secured with a locking nut (supplied).



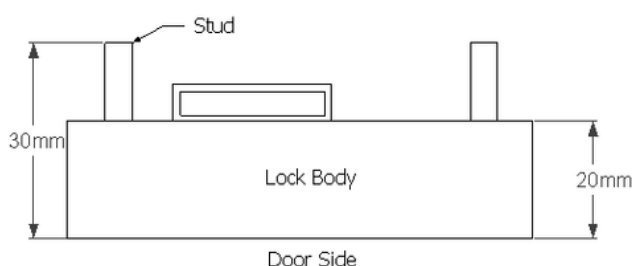
SLK12 Slam Lock

The 12mm Slam Lock fits on old versions of many of our door and frame and meter box units. The lock is 12mm deep and fits on 20mm long M4 studs, 63.5mm apart using M4 nuts. The cylinder fits through a 19mm hole in the door. The lock allows the door to shut by simply pushing it closed.



SLK20 Slam Lock

The 20mm Slam Lock fits on old versions of some of our door and frame and meter box units. The lock is 20mm deep and fits on 30mm long M4 studs, 63.5mm apart using M4 nuts. The cylinder fits through a 19mm hole in the door. The lock allows the door to shut by simply pushing it closed.



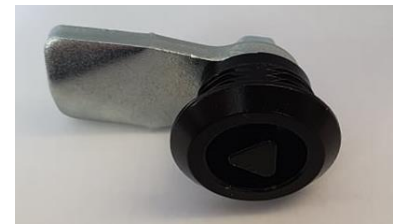
MCAM01

The MCAM01 is a quarter turn cam lock that fits on old versions of our door and frame units. They have an overall height of 30mm and a cam distance of 20mm. It fits into a 22mm hole with 20mm flats on four sides and is secured with a locking nut (supplied). The cam has an upwards inflection after which it runs parallel to the door.



MCAM02

The MCAM02 is a quarter turn cam lock that fits on old versions of our door and frame units. They have an overall height of 16mm and a cam distance of 12mm. It fits into a 22mm hole with 20mm flats on four sides and is secured with a locking nut (supplied). The cam is completely straight with no inflection, running parallel to the door.



MCAM03

The MCAM03 is quarter turn cam lock that fits on our floor mounted door and frame units. They have an overall height of 30mm and fit into a 22mm hole with 20mm flats on four sides, secured with a locking nut (supplied). The cam features a 90-degree inwards bend, perpendicular to the door, designed to hook onto the existing locking plate of your GRP box.



1333 Stainless Steel Camlock

The 1333 Stainless Steel Camlock is quarter-turn, key operated cam lock that is made to fit our door and frame units. The height of the lock cylinder is 18mm and the cam is selected based on the required cam distance for the given unit. They fit into a 22mm hole with 20mm flats on four sides, secured with a locking nut (supplied). These locks can be supplied to fit onto units replacing the Slam Cam, MCAM01 or MCAM02, however cannot be used to replace the SLK12 or SLK20 Slam Lock, or the MCAM03.





Ritherdon Lock Selection Guide

Replacement Locks

Selection Guide

If you are in possession of any of the locks above, then identifying the correct replacement lock can be done by studying the pictures above. However, if the lock is missing, the following guide can be used:

- The next page contains a table with our door and frame and meter box models along with the compatible locks for the old and new versions of each of our models. If you purchased your model before 2018, you **will** have an old design. If you purchased it on or after 2018, you **may** have the new design.
- If you do not know what model you have, please measure the external height, width and depth of your unit and consult our website to find the corresponding model. Otherwise, you may follow the steps below.
- If the door contains two studs on the inside, measure the length of the studs. If the studs measure 30mm, the SLK20 Slam Lock must be used, and if the studs measure 20mm the SLK12 lock must be used. The distance between the studs should also be verified (63.5mm).
- If the unit is floor mounted and painted brown, then it is an R24 Model and the MCAM03 cam lock must be used.
- If the unit is wall mounted and has no studs, then the distance between the front of the frame and the back of the inner lip of the inside frame (where the cam would make contact) must be measured. A distance of 20mm denotes a MCAM01 lock, a distance of 12mm denotes a MCAM02 lock, and a distance of 15mm denotes a Slam Cam.
- If a 1333 Key Operated camlock is desired, the door and frame model must be identified in order for us to supply you with the correct cam. If you are not able to do this, please measure the height, width and depth of the unit and contact one of our team. Keep in mind that if the door has studs and previously used an SLK12 or SLK20 Slam Lock, or is a floor mounted (brown) gas meter box, you will **not** be able to fit this lock.



Ritherdon Lock Selection Guide

Replacement Locks

Gas Model	Current Lock Type	Old Lock Type (Pre 2018)
R7 G ED	Slam Cam	SLK20 Slam Lock
R10G - All Sizes	Slam Cam	SLK12 Slam Lock
R18G	Slam Cam	SLK12 Slam Lock
R21G	2 x Slam Cam	2 x MCAM01
R22G	Slam Cam	SLK12 Slam Lock
R23G	MCAM01	MCAM01
R28G	Slam Cam	SLK12 Slam Lock
R24H Lid	MCAM03	MCAM03
R24H Door & Frame	MCAM03	MCAM03
R24M Lid	MCAM03	MCAM03
R24M Door & Frame	MCAM03	MCAM03
R24M Tall	MCAM03	MCAM03

Electric Model	Current Lock Type	Old Lock Type (Pre-2018)
R7 E ED	Slam Cam	SLK20 Slam Lock
R7E Slimline	Slam Cam	SLK20 Slam Lock
R10E - All Sizes	Slam Cam	SLK12 Slam Lock
R17E Small	Slam Cam	SLK12 Slam Lock
R17E Medium	Slam Cam	SLK12 Slam Lock
R17E Large	2 x Slam Cam	2 x MCAM02
R18E	Slam Cam	SLK12 Slam Lock
R18E Slimline	2 x Slam Cam	2 x MCAM02
R20E	2 x MCAM01	2 x MCAM01
R26E	SLK12 Slam Lock	SLK12 Slam Lock
R27E	2 x MCAM02	2 x MCAM02
R28E	Slam Cam	SLK12 Slam Lock
Universal Overbox	2 x MCAM01	2 x MCAM01
R3 - All Sizes	SLK12 Slam Lock	SLK12 Slam Lock
R5 - All Sizes	SLK12 Slam Lock	SLK12 Slam Lock
R6	SLK20 Slam Lock	SLK20 Slam Lock
R16	SLK20 Slam Lock	SLK20 Slam Lock

If you have any questions regarding this sheet, please contact us using the information below.

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