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**THE LOCKSHOP**  
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Distributors of locks, door handles,  
door closers, access control, panic,  
exit and other hardware for doors

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## SECURITY INFORMATION WITHOUT ROCKET-SCIENCE

### UNDERSTANDING THE USE OF CAM LOCKS



Cam locks are popular and widely used because they are economical and easy to fit – usually by making one hole. They are available with long and short bodies, with cams of varying lengths and shapes, to suit the specific needs of the door or drawer to be locked.

Due to the fact that the hole-sizes are generally standard (either 19mm for the brass bodies or 16 mm for the zinc or mazak ones) these locks can be easily and quickly swapped / replaced when a key is lost or stolen.

A cam lock as used in the cabinet and furniture industries usually consists of two basic components – the lock body and the cam.

#### The Cam Lock Body



4-pin-tumbler brass cam lock body

The better quality cam locks mostly have brass bodies and pin-tumbler mechanisms, or sophisticated disc systems, offering many different keys for greater security. Quality locks can be ordered master-keyed (all different keys and a master key) or keyed alike (all with the same key).



CISA SP 5 pin Cam lock



ABLOY disc tumbler cam lock body

The less costly cam locks usually have zinc or mazac bodies and most of them have 4 wafer tumblers.

Those with single-sided keys generally offer a **MAXIMUM** of 200 different keys, whereas the cam locks with double-sided keys can offer up to 2000 different keys – depending on price and origin.



Other low cost Cam Locks include the following:



Cam lock with double-sided key



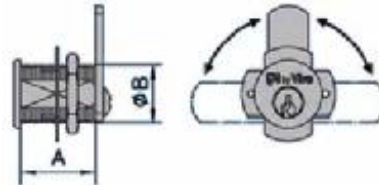
Square faced cam lock for steel furniture



Cam lock with radial key

Ordering options for cam locks may include:

- key removable only in locked position
- key removable only in unlocked position
- key-turn 90 degrees or 180 degrees
- key number stamped on key
- key number stamped on face of lock



There are many low-cost items available and you will generally 'get what you pay for'.

### The Cam



The cam is the part at the back of the lock that does the actual locking as the key is turned through either 90 degrees or 180 degrees. (This must be specified when ordering). The cam is usually made of steel and available in different lengths and shapes to suit the application. Special cams can be made up for quantity orders.

Cams that can usually be ordered include:

- hooked (for sliding doors)
- bent (to make up for difference in level between door and frame)
- caulking (a cam bent to pull the door tighter as it closes)

### Some keyless lock options which also use a locking-cam:



Battery operated



Battery operated

The information offered in this leaflet is of a general nature.

We have over 110 year's experience between our lock people!  
Please ask us to assist in specifying the correct lock for your application