

Cylinder Operations Explained.

Clutch Cylinders/Anti Barricade Cylinders

These are the same, people refer to these types of cylinders differently. Clutch and anti-barricade cylinders operate the same as normal cylinder & turns except that if someone inside holds the turn knob the key will still override and operate the cam.

Classroom Cylinders

Handed Classroom.

These cylinders will only unlock a certain way using the turn either clockwise or anti-clockwise. Most of the time the customer will tell us how they require them handing or they will tell us how the door is hung (as below).

A door hinged on the left opening inwards or outward is a ACW (Anti-Clockwise Opening).

A door hinged on the right opening inwards or outwards is a CW (Clockwise Opening).

These cylinders are all fitted with the clutch/anti barricade function (as above) and are ideal for a classroom. For examples if the teacher leaves the room and locks the door behind them pupils are still able to unlock the door. If a teacher leaves the room pupils are not able to lock the door so there for will not be able to lock the teacher out.

Reversible Classroom

These cylinders work as the handed classroom cylinders but are sent out on to site with a kit and instructions allowing the handing of the cylinder to be changed on site.

Common Cylinders

These are convenient cylinders that are commonly used for main doors. They allow for multiple keys to operate them. For example, a large house has been converted into apartments (HMO) Each tenant needs a key to operate their own bedroom and the main entrance door (Common Cylinder) but no other bedrooms.

Although we do advise against common cylinders and recommend a 2 key system is put in place whereby the tenants will have a key to the entrance door and a separate key for their bedroom as this minimises the amount of moving components inside the main entrance cylinder and increases the cylinders life expectancy.

Construction Keyed Cylinders

These are usually for new build properties so that the builders can have a key that opens all of the cylinders whilst they are being fitted, once the property has been handed over to the end user and the end user keys are operated the construction key will be blocked out and will no longer operate.

Key Life Cylinders

These cylinders are pinned up so that there are 3 different keys available. The cylinder will be supplied with key life 1. Once key life 1 has been used key life 2 would be supplied once used key life 1 will no longer work. This continues we can supply up to 5 lives. (Original + 4 Spare). These cylinders are ideal for landlords where the tenant changes often as it saves on the price of changing the cylinders.

Disabled Turn Cylinders

These are larger than the standard turn knob. They are ideal for use in care homes for the elderly or disabled. These can also be referred to as DDA Turns.

Drilled & Tapped Cylinders. (For Panic Device)

This is an option only available on single cylinders. We drill and tap a hole in the rear of a single cylinder this is to allow for the cylinder to be fitted to a panic device.

Turn/Turn Cylinders

These cylinders don't have a keyway and are not supplied with any keys as they have a turn knob on both sides of the cylinder. When we send these out they are sent out with a knob fitted on 1 side and a turn knob, grub screw and Allen key for the customer to fit the 2nd turn themselves to enable fitting of the cylinder in to the door.

Blind Turn

This is a single cylinder with no keyway and supplied with no keys as the key way has been replaced with a turn knob.