

Glossary of optional CY100 functionality



An aid to better
understanding



70 mm spindle

The cylinder is assembled with an axis instead of the thumbturn, so a customer can cut it to a preferred size to fit their own turn design. Mostly used for thicker door constructions like armoured doors.



Emergency release coin slot

Used in combination with a Thumbturn Cylinder – commonly in bedrooms or toilets – a coin slot allows emergency lock release from outside.



Anti-snap protection

The cylinder is designed to break under attack, while leaving the inner plug intact. If the lock is attacked, the cylinder breaks in a secure, pre-defined place. With the main mechanism intact, the keyholder can still use their key to unlock the door, so the cylinder doesn't need immediate replacement.



Free wheeling cam

The cam spins freely through 360 degrees and only engages when a key is inserted. When no key is inserted, none of the plugs operate with the cam. This feature is typically used with panic function, in emergency and panic exit doors (EN 179 and EN 1125).



Construction keying

One temporary key gives contractors access to several homes during building phase. Homeowner keys are protected from duplication when they move in. When inserted and turned, their key changes the cylinder's internal mechanism, permanently invalidating the construction key.



Gear wheel

Cylinders with a gear wheel instead of a cam are used in doors with horizontal lock bar, for example. These locks are designed to work with gear wheels, not a cam.



Multi-position cam

The cam can be adjusted to 12 different positions within a 30-degree angle by pressing the cam's locking pin and turning the cam into the application's required position. For use with key switches.



Emergency clutch

When a key is accidentally left in the keyway on one side, you can still operate the cylinder from the other.