



Performance on every level

CY110: The affordable step up to a Master Key System

ASSA ABLOY
Opening Solutions

Experience a safer
and more open world

Open premises. But not to everyone

Of course, your building must be open and welcoming for visitors and employees. Yet at the same time, it should remain protected against unauthorised access attempts. Securing a building involves meeting this and many other challenges.

Protecting specific premises and areas

You can ensure authorised access with a security locking system that keeps shared spaces accessible and sensitive assets safe.

Convenient access for authorised personnel

How many doors do your cleaning teams open on a daily basis? Authorised personnel should enter easily without carrying huge key bunches.

Locking non-door points

Security does not end with a locked door. Whether at cabinets, lifts or gates, a building needs security for all its sensitive spots.

Trusted security without compromises

The CY110 locking system is manufactured by the global leader in access solutions. ASSA ABLOY solutions secure sensitive premises of all types across the world.

Manage and filter access

Commercial buildings get a lot of footfall: the intern shouldn't be able to unlock the CEO's office.

Protect sensitive assets

Personal or sensitive documents must be secured and only accessible by staff with authority.

Separate shared from private spaces

Meeting rooms must be open to all, but only the IT team should access the server room.

Choose durable locks for high-traffic doors

Some doors, including the main entrance, are heavily used all day — and require tough, durable locking.





Hands-on access management with the CY110 Master Key System

Specific keys for designated areas help you regulate access within your building

Access all areas? In commercial premises, people come and go all day. Manage keys help you control their access.

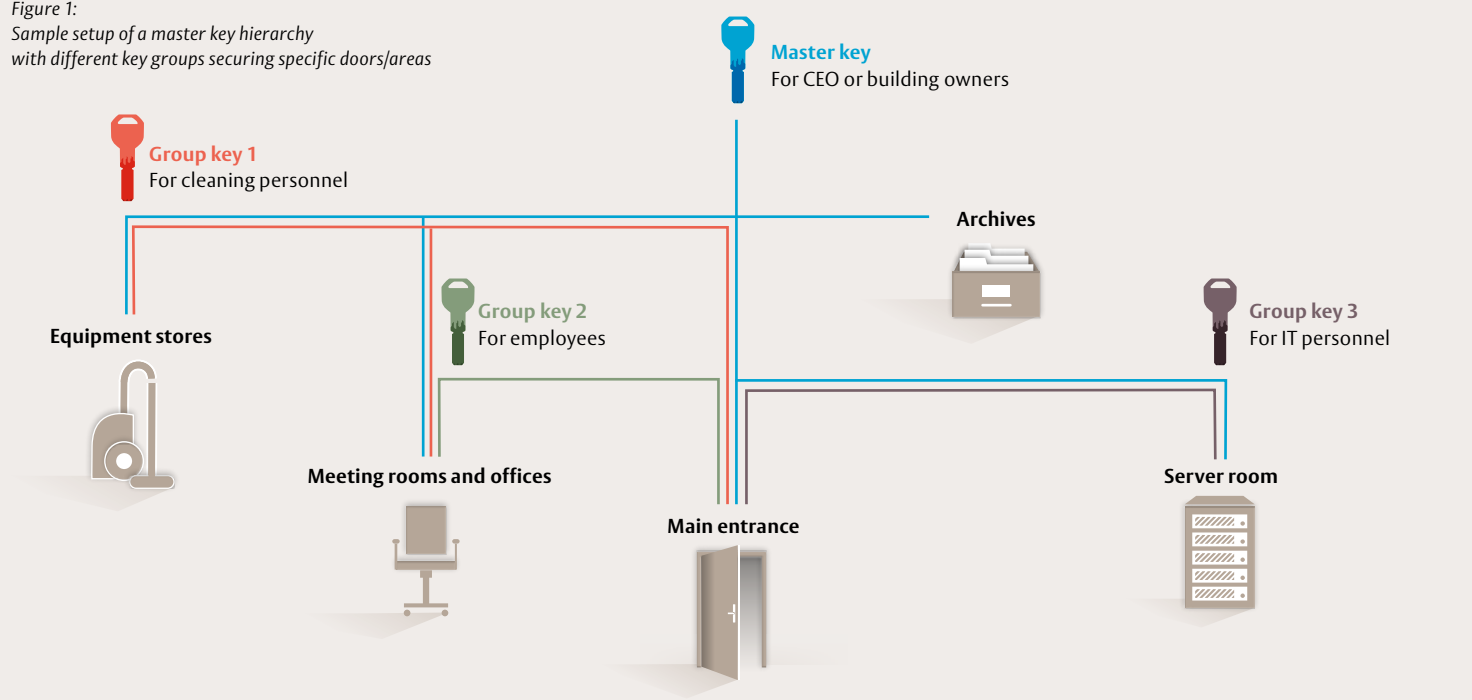
Your key to security locking systems

A CY110 Master Key System helps you tailor secure, individualised access to rooms, groups or areas. Nobody needs to carry large, inconvenient key bunches, and no one has access to rooms beyond their specific authority. CY110 is the modern master key solution.

Benefits at a glance

- An affordable solution for every locking point: CY110 can secure more than just doors
- Trusted protection against unauthorised access: CY110 lets the right people in and keeps everyone else out
- Premium contemporary design and performance: CY110 hardware is hassle-free, easy to install and simple to use

Figure 1:
Sample setup of a master key hierarchy with different key groups securing specific doors/areas



Mastering all your locking challenges CY110 key

Designed for flexible master key capability

The CY110 key's intelligent design creates broad master key capability, so you can fine-tune security levels across the premises. CY110 keys are robust, with security technology patent-protected until 2036.

Robust
3mm thickness withstands material fatigue



Patent protection until 2036
Prevents unauthorised duplication

Reversible key
Convenient use – insert your key either way round



Dimple security technology
Enhanced security due to complex dimple design

Premium contemporary design
Smooth edges and high-quality nickel silver construction

Meeting security standards and beyond CY110 cylinder

Certified security

CY110 cylinders and padlocks meet major European security standards:
EN 1303:2015, EN 12320:2012 and SKG**

| Security standard | Category of use | Durability | Door mass and closing force | Fire resistance | Security | Corrosion | Key related security | Attack resistance |
|-------------------------------------|-----------------|------------|-----------------------------|-----------------|----------|-----------|----------------------|-------------------|
| EN 1303:2015 CY110 Euro cylinder | 1 | 6 | - | B | - | C | 5 | D* |
| EN 12320:2012 CY110 Padlock | 1 | 1 | - | - | 3 | 3 | - | - |

*When used with security escutcheon

6-pin technology
For enhanced security and master key capability

Highly durable
96 hours corrosion resistance

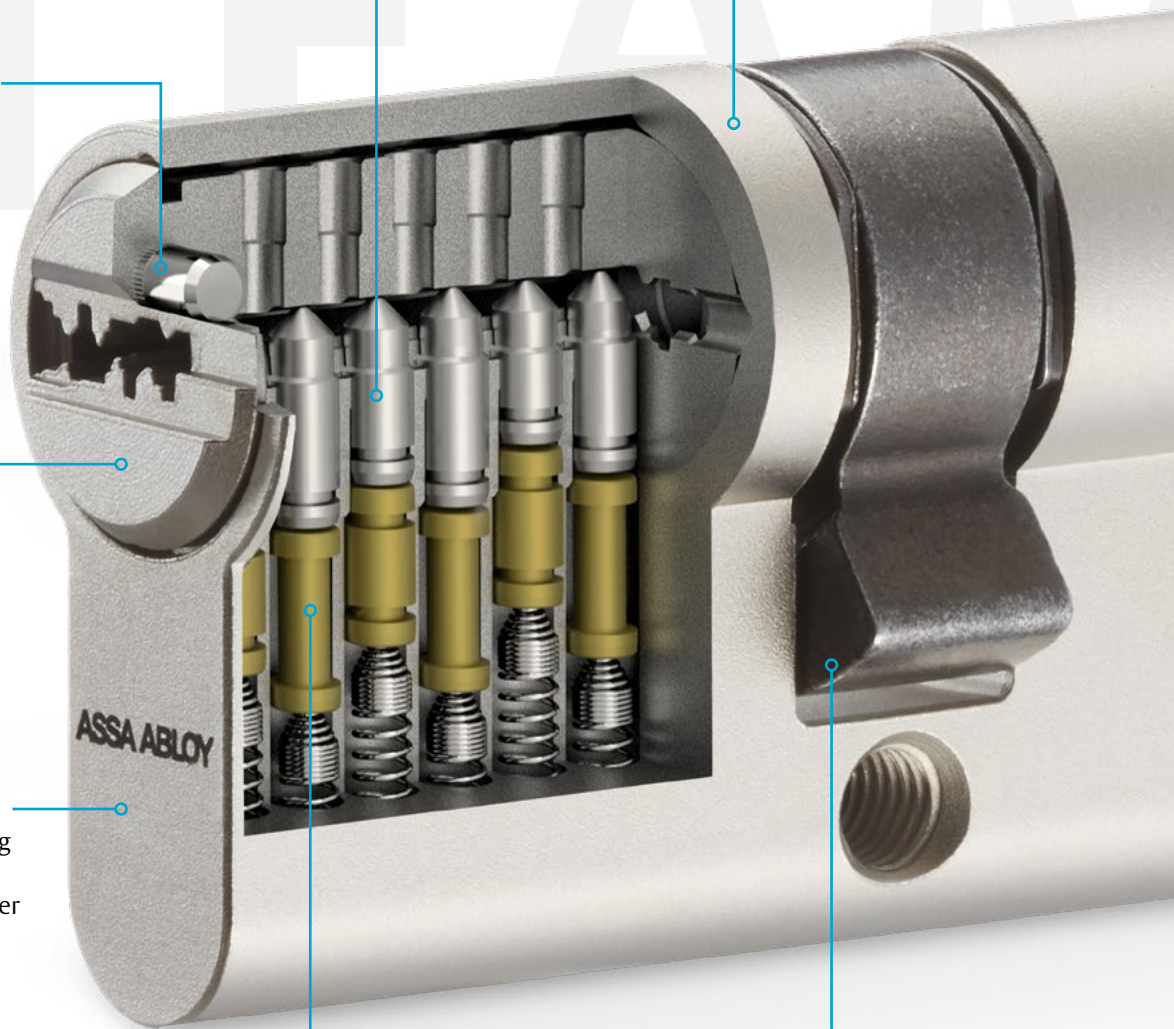
Drilling resistance
Hardened pins guard against drilling attack

15kN pulling resistance*
Stops cylinder being pulled out of the door

Bumping resistance
Prevents cylinder being hammered out of the door (For keyed to differ and keyed alike)

Anti-picking protection
Notched pin design simulated correct opening positioning during picking attempts

Extended life
At least 500,000 lock/unlock cycles





Locking devices for more than just doors

*Secure every sensitive point
to keep all your people and assets safe*

Internal and external doors

Double Euro cylinder

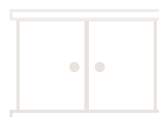
- Lengths starting at 30|30 to 80|80mm in 5mm increments
- Optional emergency cam
- Optional free-rotating cam
- Black chrome finish available

Thumbturn double Euro cylinder

- Lengths starting at 30|30 to 80|80mm in 5mm increments
- Optional clutch release
- Optional classroom function
- Black chrome finish available

Rim cylinder

- For use with night latches
- 32mm face – 29mm body
- Widely applicable 54mm tailpiece length



Gates, sheds, and fences

Padlock

- Versatile: indoor and outdoor application (optional dust covering)
- Optional dust cover increases corrosion resistance to 240 hours
- Secure: 8mm hardened boron steel shackle and chrome-plated body

Cabinets, drawers, and letterboxes

Cam lock

- 33mm face – 22mm body
- Key retaining to prevent being left unlocked
- Optional angled cam

Elevators, toilets, and internal doors

Single Euro cylinder

- Lengths starting at 30|10 to 80|10mm in 5mm increments
- Multi-position cam as standard
- Thumbturn variant available
- Black chrome finish available

A locking solution that suits your security needs and your budget

Your locksmith will help you to plan and equip your building security

Our expert locksmith partners work with you to plan and deploy an affordable Master Key System suited to your specific premises. Each of our partners has knowledge gained over many years securing commercial properties.

Your certified locksmith will help identify areas and room groups where different stakeholders could benefit from tailored access. They will then supply and install a custom-designed CY110 Master Key System — and be available for key replacement, building expansions or other services you may need as your business grows.

The ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a more open world.

ASSA ABLOY Opening Solutions leads the development within door openings and products for access solutions in homes, businesses and institutions. Our offering includes doors, door and window hardware, locks, access control and service.

ASSA ABLOY
Opening Solutions

ASSA ABLOY Opening Solutions
Mechanical Security Solutions EMEA
Dukes Court
Dukes Street
Woking
GU21 5BH
United Kingdom
assaabloy.com