



# Performance on every level

**ASSA ABLOY**  
Opening Solutions

CY110: The affordable step up to a Master Key System

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.

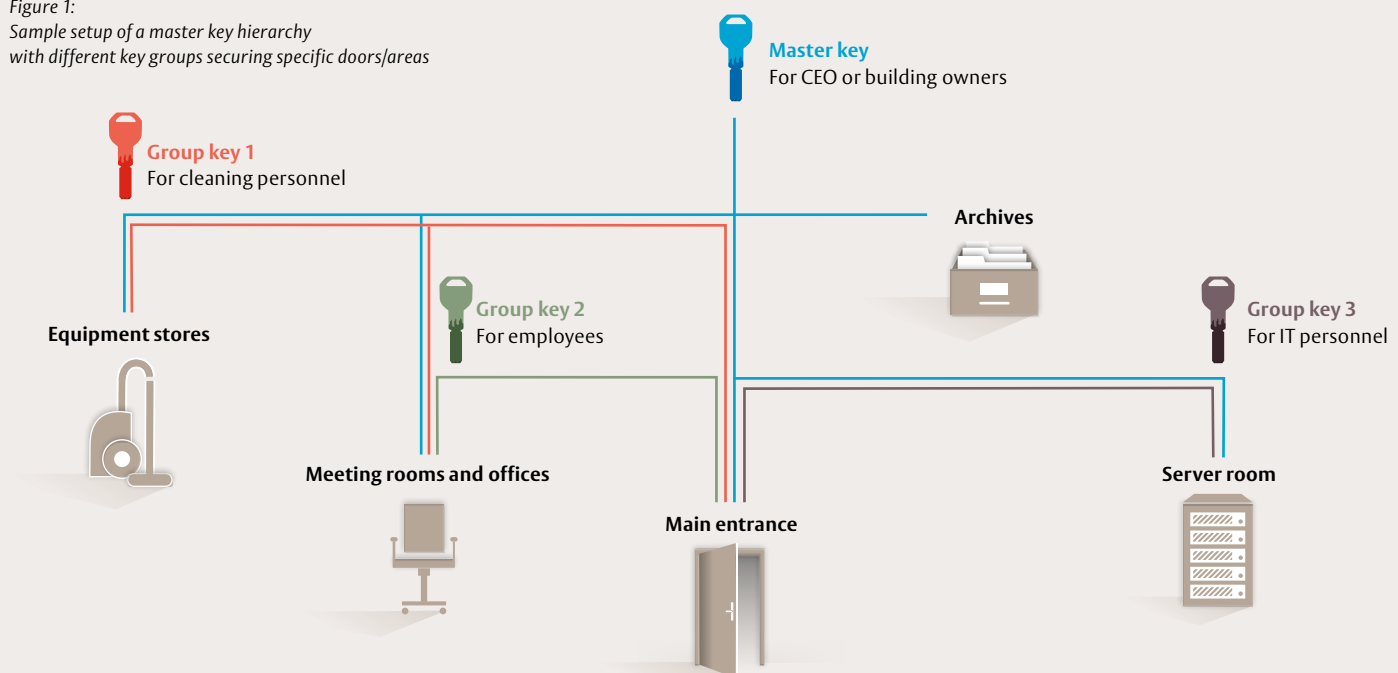
### Your key to security locking systems

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



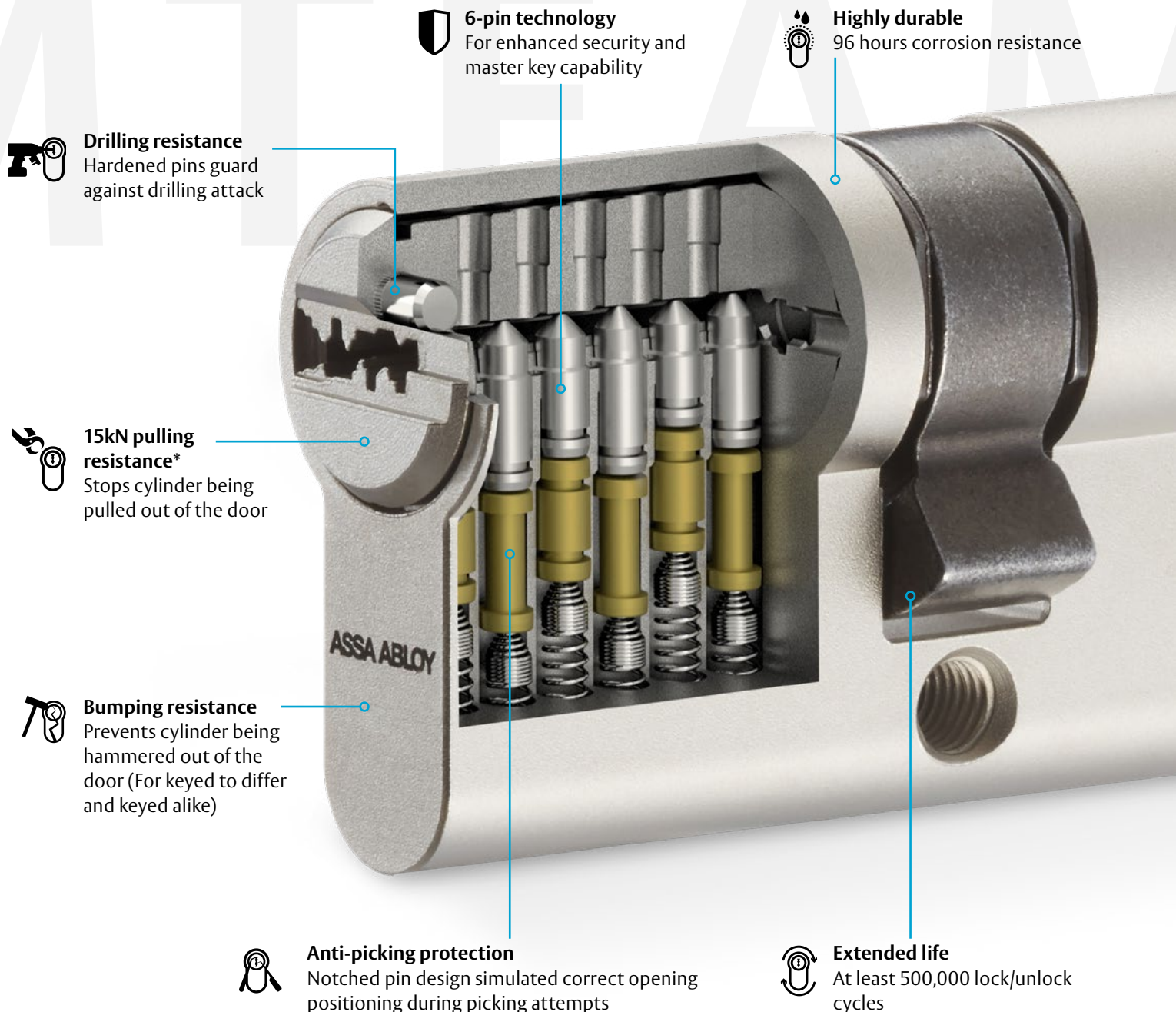
# Meeting security standards and beyond CY110 cylinder

## 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





## 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

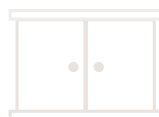
- Lengths starting at 30|30 to 80|80mm in 5mm increments
- Optional emergency cam
- Optional free-rotating cam
- Black chrome finish available

#### 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

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

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