

Euro Profile Cylinder



ASSA ABLOY

Experience a safer
and more open world



The ASSA ABLOY Group

The global leader in access solutions

ASSA ABLOY Group is the global leader in access solutions. Every day, we help billions of people experience a safer and 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, mechanical and smart locks, electromechanical locks, access control solutions and service.

With over 150 companies operating in more than 70 countries, the Group is the strongest global player in the industry with over 61,000 employees and more than SEK 141 billion sales worldwide.

Today, ASSA ABLOY is the leading global supplier of intelligent lock and security solutions. Its products account for more than one in ten of all lock installations worldwide.

ASSA ABLOY Group is represented in all major regions, on both mature and emerging markets, with leading positions in many markets all over the world.

In the rapidly growing electromechanical security sector, the Group has a leading position in fields such as access control, identification technology, automatic doors and hotel security.

ASSA ABLOY's vision is to be the most innovative supplier of total door opening solutions in order to deliver safe and convenient security solutions that provide real added value to customers.

Using the latest 'technologies together with tried and tested' techniques, we are constantly developing innovative solutions that improve our customers' lives through greater security, safety and convenience.

ASSA ABLOY has been producing an annual sustainability report based on GRI (Global Reporting Initiative) guidelines since 2005. We are leading the way, with more than 250 environmental product declarations across the Group since 2008.

Sustainability is integrated in all Group processes: innovation, product development, manufacturing, logistics and sales.



Euro Profile Cylinder

A cylinder interacts with the key to control the locking and unlocking of the door. Cylinders are housed within the lock body and contain the mechanism responsible for securing the door. The industry standard, pin tumbler cylinders, offer varying levels of security and keying options.

Euro Profile Cylinders Feature & Benefits

Euro Profile Cylinder

Key features:

- 6 pin euro profile cylinder
- 4 levels of master keying system
- Available lengths - 45mm, 60mm, 70mm, 80mm, 90mm, 100mm

Key features:

- Versatile usage
- Key control
- Suitable for various thickness of doors

Key features:

- Satin Nickel finish
- Suitable door thickness up to 120mm
- Each euro profile cylinder supplied with 3 keys
- Cylinders available in
 1. Cylinder and turn
 2. Double cylinder
 3. Single cylinder
 4. Privacy cylinder

ASSA ABLOY range of euro profile fixed cam cylinders is suitable to be used with euro profile mortise lockcases



Cylinders CY 110

CY110

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.



Cylinders CY 110

Access Levels

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.

Cylinders CY 110

Access Levels

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.

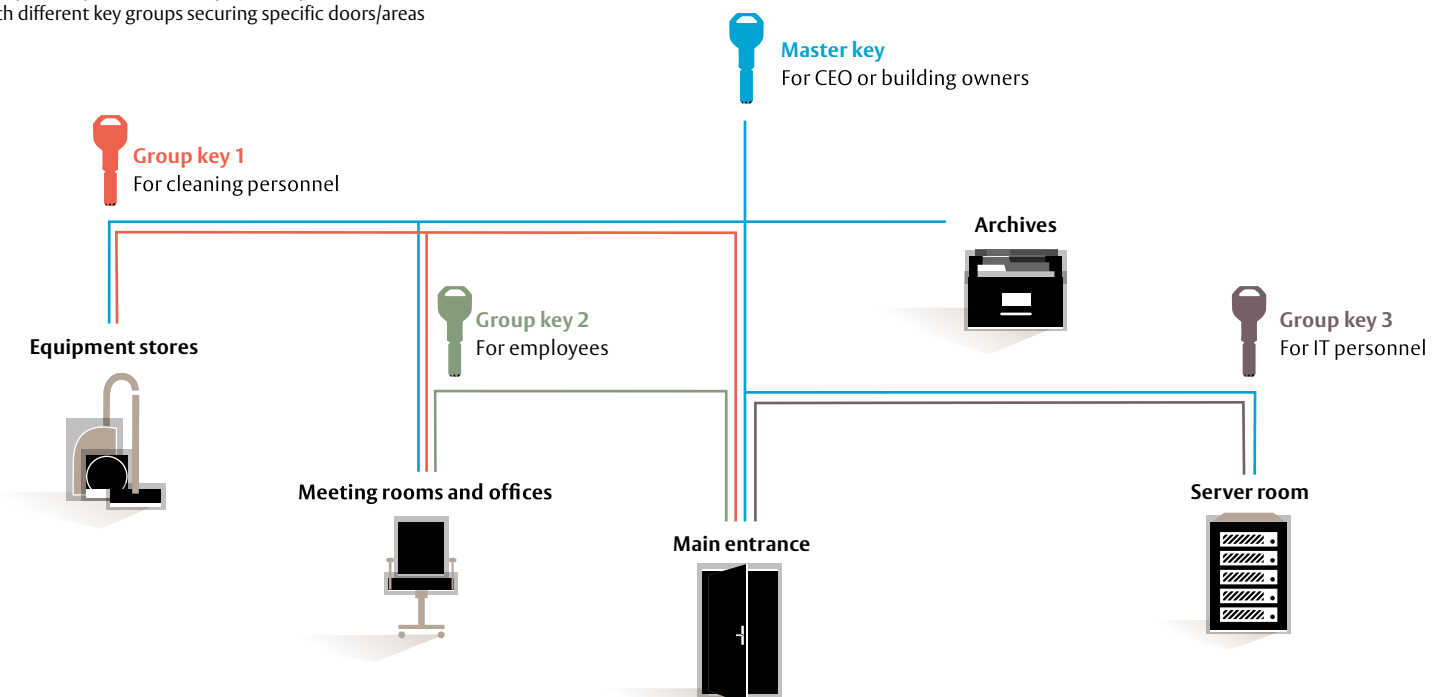
Your key to security locking systems

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



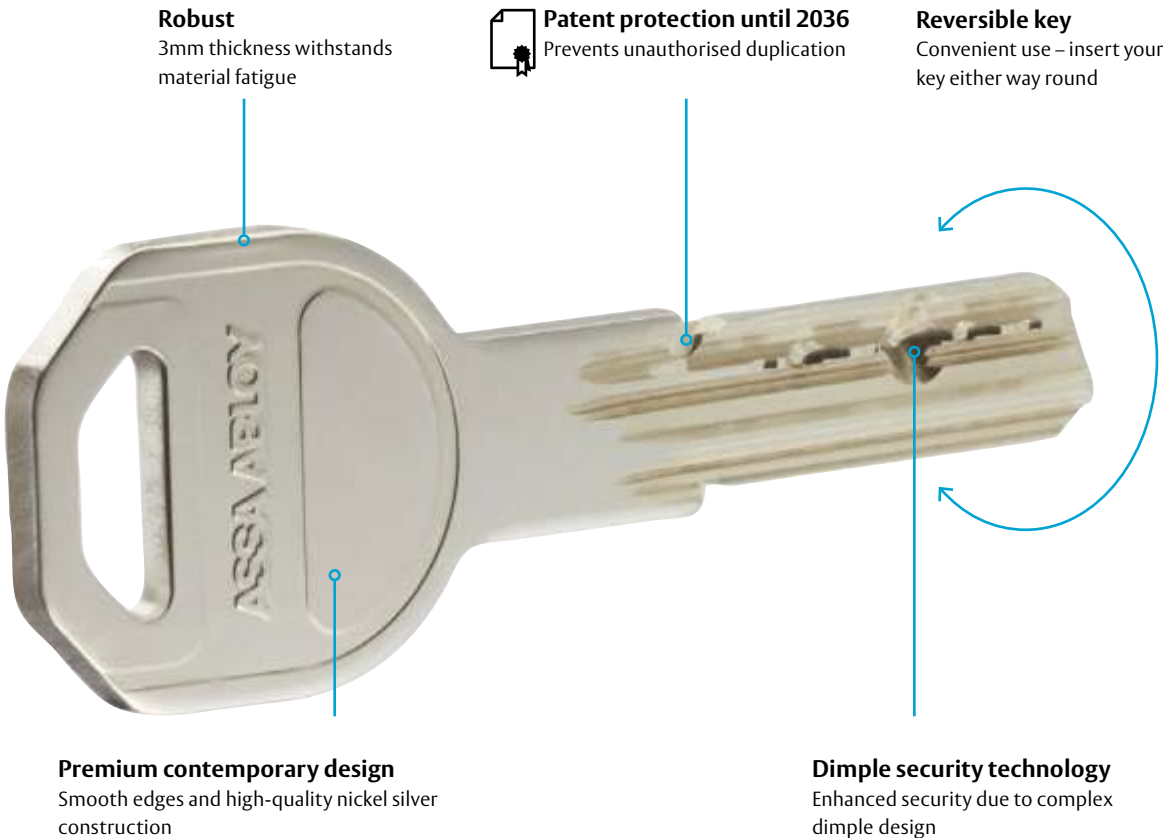
Cylinders CY 110

Security Level

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. Only certified partner may copy a CY110 Key: an individual security card* can further minimise any risk of unauthorised key sharing. *where available **Regional adaptation required**



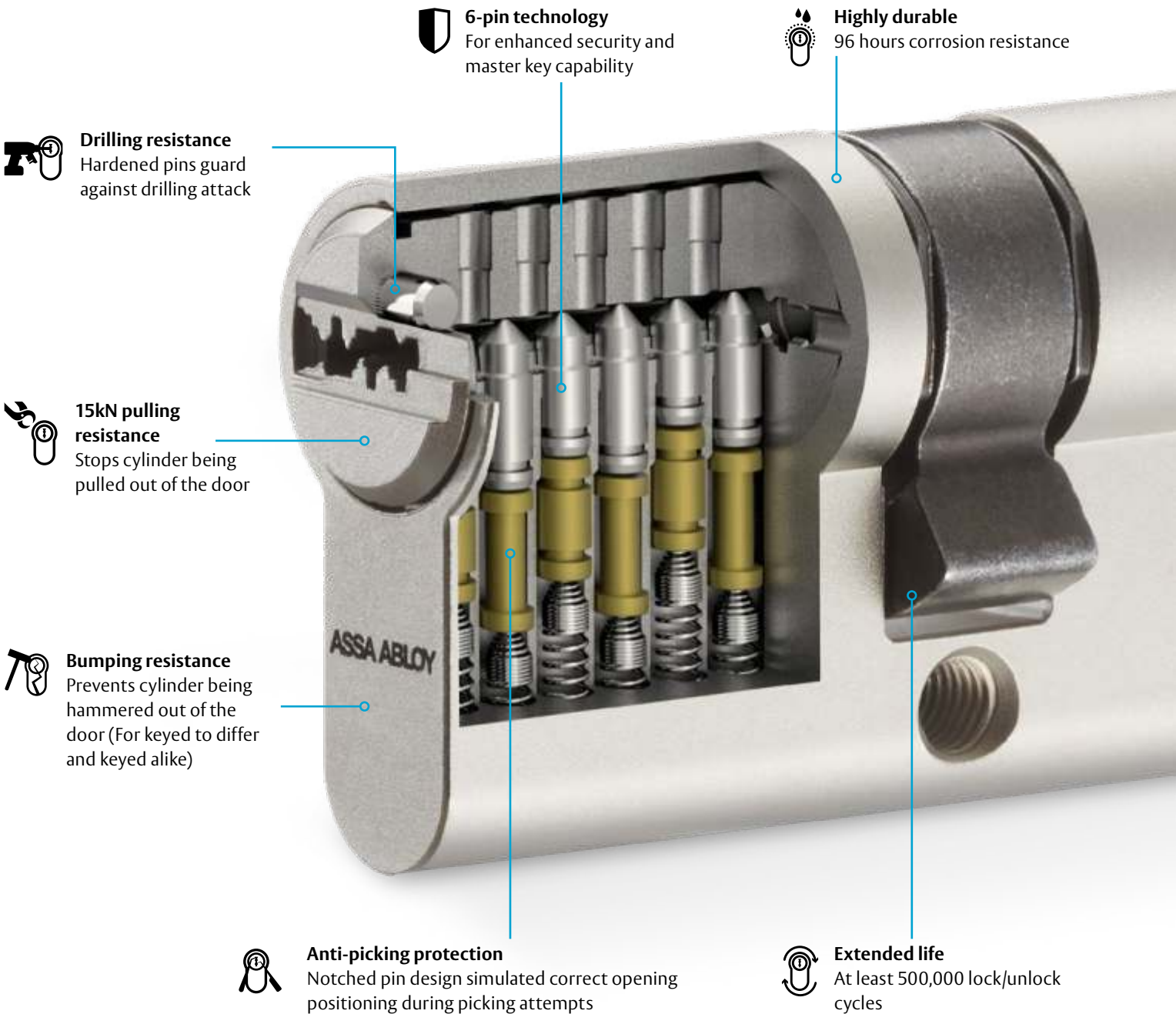
Cylinders CY 110

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



Cylinders

Application level

Double Euro Cylinder

Features

- 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

Features

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



Rim Cylinder

Features

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



Cylinders

Application level

Padlock Gates, sheds and fences

Features

- 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



Cam lock Cabinets, drawers, and letter boxes

Features

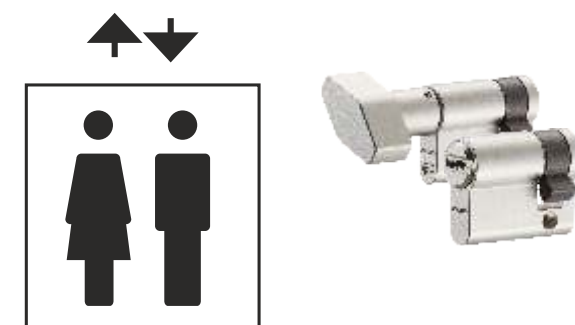
- 33mm face – 22mm body
- Key retaining to prevent being left unlocked
- Optional angled cam



Single Euro cylinder Elevators, toilets, internal doors

Features

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



Cylinders CY 100

CY100

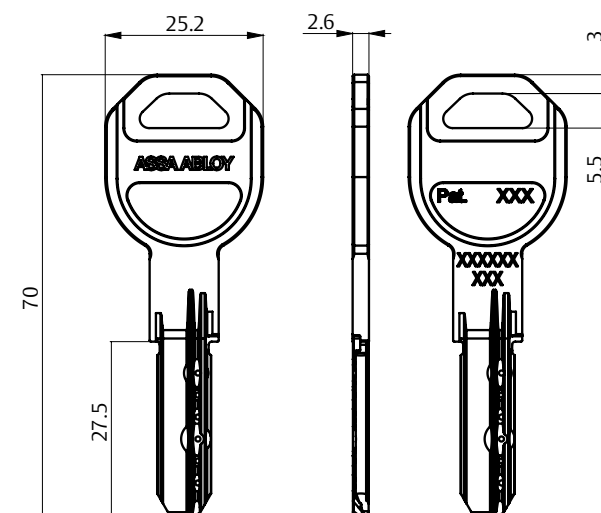
**Tired of heavy key bunches?
One key can unlock your whole home**

A single key unlocks every opening in your building. With its convenient dimple security design, the CY100 Key is reversible – it inserts and turns every time. Rounded edges protect against accidental damage. Patent protection prevents unauthorized duplication



**CY100 –
a reversible key
for all your locking points**

You no longer waste time looking for the right key. With the CY100, you can open every domestic door – and more – with the same key. And because the CY100 key is robust, secure (patentprotected until 2036) and reversible, it turns in the lock first time, every time.



Dimensions in mm

Cylinders CY 100

Bathrooms and master bedrooms



Thumbturn double Euro cylinder

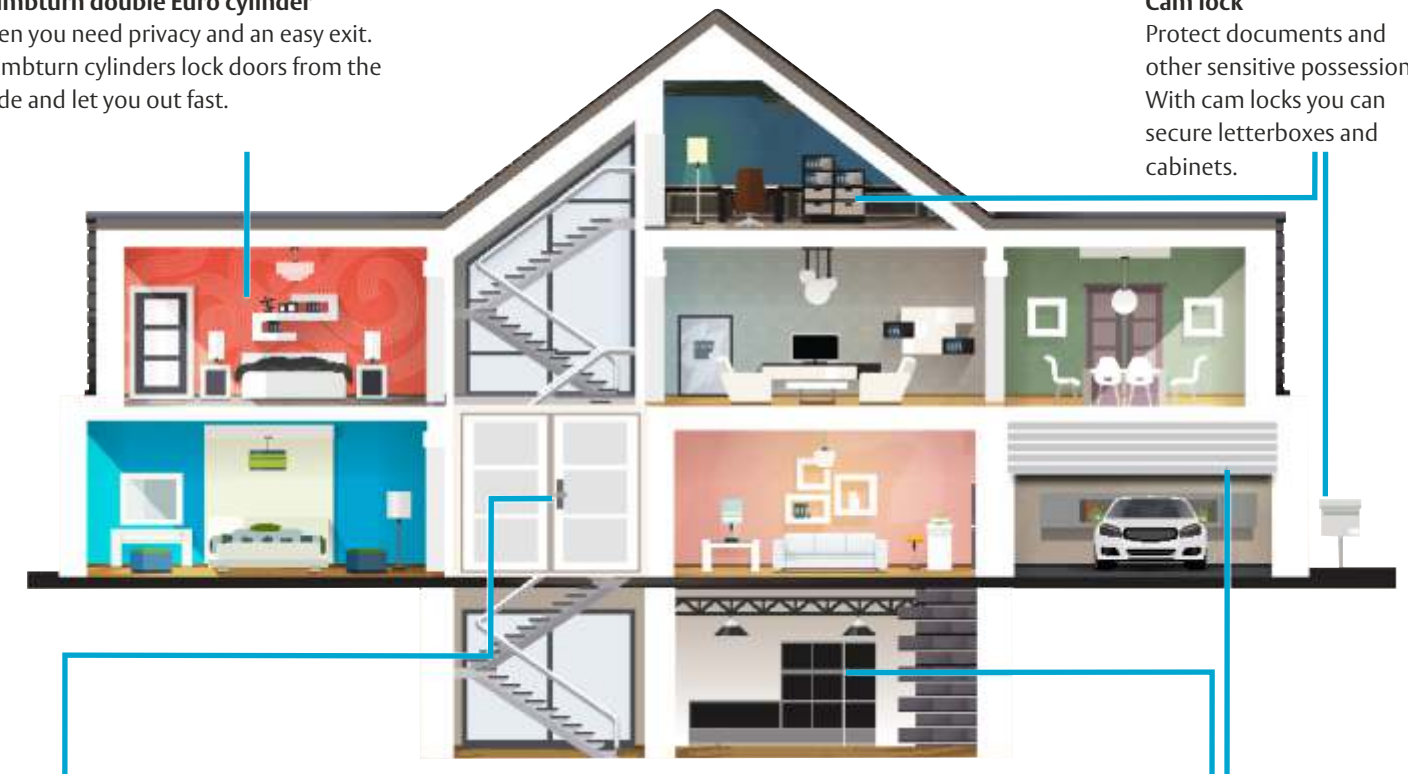
When you need privacy and an easy exit. Thumbturn cylinders lock doors from the inside and let you out fast.

Letterboxes and cabinets



Cam lock

Protect documents and other sensitive possessions. With cam locks you can secure letterboxes and cabinets.



**Main entrance
and exterior doors**



**Double Euro cylinder
and rim cylinder**

Your main door needs high security standards plus resistance against weather and temperature. All CY100 cylinders are long-lasting, providing extra protection against physical attacks.

Gates and cellars



Padlock

Lock almost anything, from garages to storage boxes and even bicycles – and unlock all with the same key.

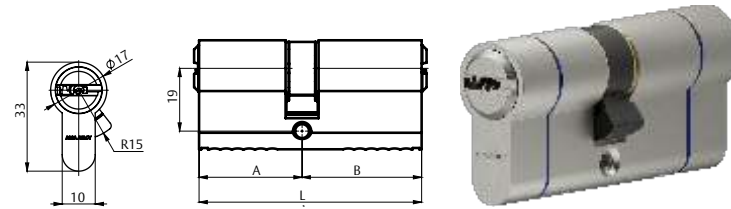
Cylinders

Application level

Double Euro Cylinder

Features

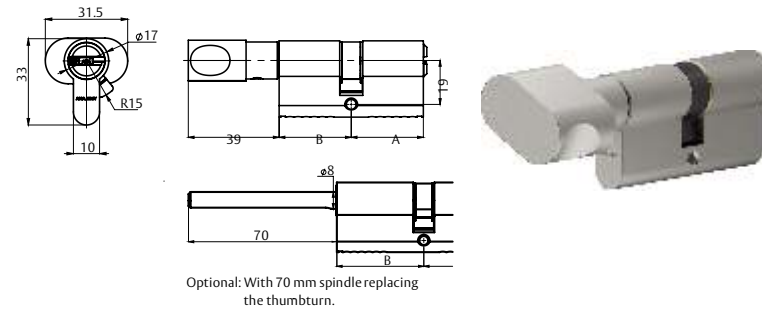
Durable and secure, the CY100 Double Euro Cylinder provides the protection you need to lock your building's doors – inside or out. Optional anti-snap protection offers additional security, keeping the cylinder's core protected when attacked.



Thumbturn Double Euro Cylinder

Features

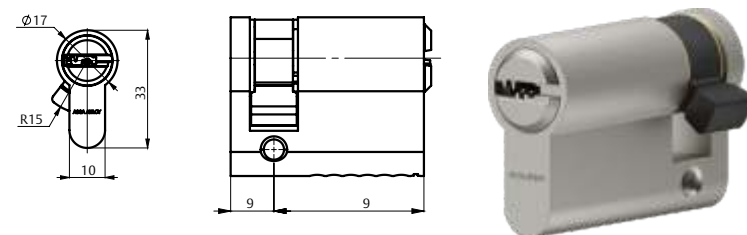
A secure solution when privacy is required: CY100 Thumbturn Cylinders securely lock doors and can quickly unlock to provide a faster exit. An optional coin slot ensures the lock can also be opened from outside in an emergency.



Single Euro Cylinder

Features

Highly durable cylinder with the performance to secure your building. Keep your interior spaces secure with the CY100 Single Euro Cylinder. The optional multi-position cam allows to turn the cam into the application's required position.



Dimensions in mm

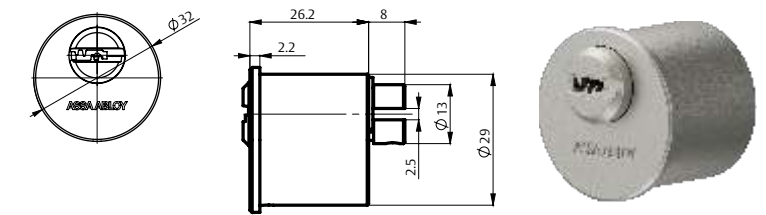
Cylinders

Application level

Rim Cylinder

Features

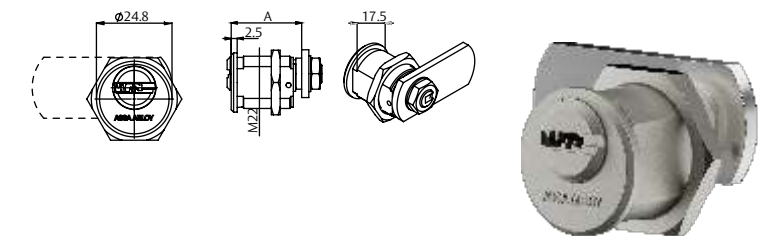
Secure entrances while at the same time, enabling anyone inside to make an easy exit. The CY100 Rim Cylinder can be used with night latches or other locking devices which are operated from a tailbar.



Cam Lock

Features

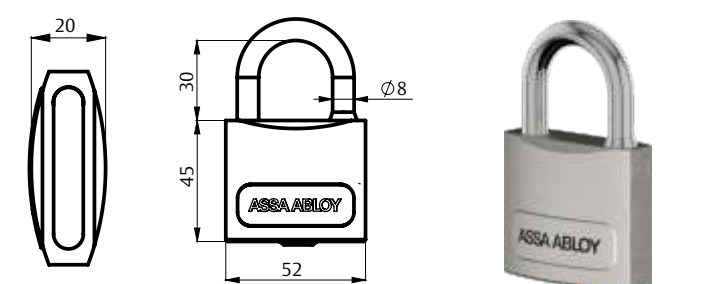
Keep sensitive documents and possessions safe. Secure and unlock your letterbox, cabinets and drawers with one single key. When in the unlocked position, the CY100 Cam Lock retains the key to prevent your possessions being left at risk



Padlock

Features

A trusted, robust padlock for multiple applications. Secure almost anything with the CY100 Padlock, inside or outdoors. Suitable for sheds, gates, fences, lockers, storage boxes, bike chains, and more.



Dimensions in mm

Cylinders

Euro Profile Cylinders

Euro Profile Cylinder
Thumbturn cylinder

Model no.	Cylinder length	Finish
AACT30/30SNKD-S	Overall Length - 60mm Case Length - 30/30	Satin Nickel
AACT35/35SNKD-S	Overall Length - 70mm Case Length - 35/35	Satin Nickel
AACT40/40SNKD-S	Overall Length - 80mm Case Length - 40/40	Satin Nickel
AACT45/45SNKD-S	Overall Length - 90mm Case Length - 45/45	Satin Nickel
AACT50/50SNKD-S	Overall Length - 100mm Case Length - 50/50	Satin Nickel

Description: Thumbturn cylinder,
6 pin, Master keying optional



Euro Profile Cylinder
Double cylinder

Model no.	Cylinder length	Finish
AADC30/30SNKD-S	Overall Length - 60mm Case Length - 30/30	Satin Nickel
AADC35/35SNKD-S	Overall Length - 70mm Case Length - 35/35	Satin Nickel
AADC40/40SNKD-S	Overall Length - 80mm Case Length - 40/40	Satin Nickel
AADC45/45SNKD-S	Overall Length - 90mm Case Length - 45/45	Satin Nickel
AADC50/50SNKD-S	Overall Length - 100mm Case Length - 50/50	Satin Nickel

Description: Double cylinder,
6 pin, Master keying optional



Euro Profile Cylinder
Half cylinder

Model no.	Cylinder length	Finish
AAC/45-S	Overall Length - 40mm Case Length - 30/10	Satin Nickel
AATT/40-S	Overall Length - 45mm Case Length - 35/10	Satin Nickel
AAC/45-SNMK-S	Overall Length - 45mm Case Length - 35/10	Satin Nickel

Description: Half cylinder,
6 pin, Master keying optional



Cylinders

Euro Profile Cylinders

Euro Profile Cylinder
Privacy cylinder

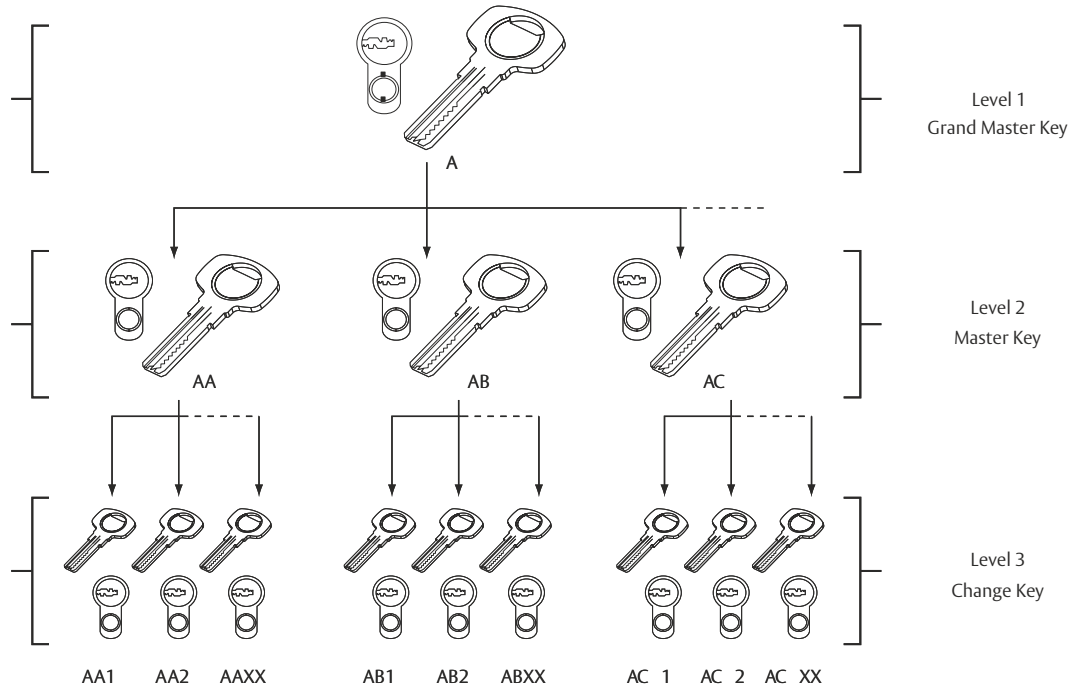
Model no.	Cylinder length	Finish
AABT/30/30-S	Overall Length 60mm Case Length - 30/30	Satin Nickel
AABT/35/35-S	Overall Length - 70mm Case Length - 35/35	Satin Nickel

Description: AA BT/30/30-S - ASSA ABLOY Bathroom (Privacy)
AA BT/35/35-S - ASSA ABLOY Bathroom (Privacy)



Master key system
Hierachy

Pictorial
Representation



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assaabloy.com

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