



Performance that goes beyond standard

Dimple technology combines a high security appearance with proven pin-tumbler design. CY110 is a simple yet sophisticated solution with features that exceed many basic, conventional master key solutions. These include patent protection, good master key capability, certified to the toughest requirements of EN 1303:2015, multiple exclusive profiles, and – for single cylinders – an adjustable cam as standard.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience

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CY110 Master key solution - performance that goes beyond standard

ASSA ABLOY

The global leader in door opening solutions



Trusted dimple technology for a wide range of applications

CY110 patented reversible key cylinder offers similar benefits to higher priced dimple systems. It stands for affordable peace of mind for a range of master key applications. Must-have features include an appropriate level of security and protection for most installations, while the key is an all-new Italian design, crafted in a contemporary nickel silver. CY110 is simply the best choice for healthcare, education, offices, apartments and more.



High-quality technology and design

Long-term exclusivity

Patent protected until 2036, CY110 stands for long term exclusivity. Keys and cylinders can only be duplicated by authorised partners.

For keyed alike and keyed to differ, this is via the presentation of a valid security card.



Simply nicer to use

CY110 offers the same reversible benefits as more expensive dimple systems. Symmetrical faces and no sharp edges means the key works easily, and no matter which way it is inserted.

Italian design key

CY110 features a stylish key that is strong and easy to hold. This contemporary Italian design is made from high-quality nickel silver.

Superior standard security

- 5 minutes drilling resistance¹
- 15kN pulling resistance¹
- Picking resistance
- Bumping resistance (KA/KD versions only)
- 500,000 cycles performance in durability test²

- 240 hours corrosion resistance, above and beyond the 96 hours standard²
- Certified security, compliant with EN 1303:2015, EN 12320:2012 and SKG**

EN 1303:2015 security standard

	Category of use	Durability	Door mass & closing force	Fire resistance	Safety	Corrosion	Key related security	Attack resistance
Euro cylinder	1	6	-	B	-	C	5	D ³

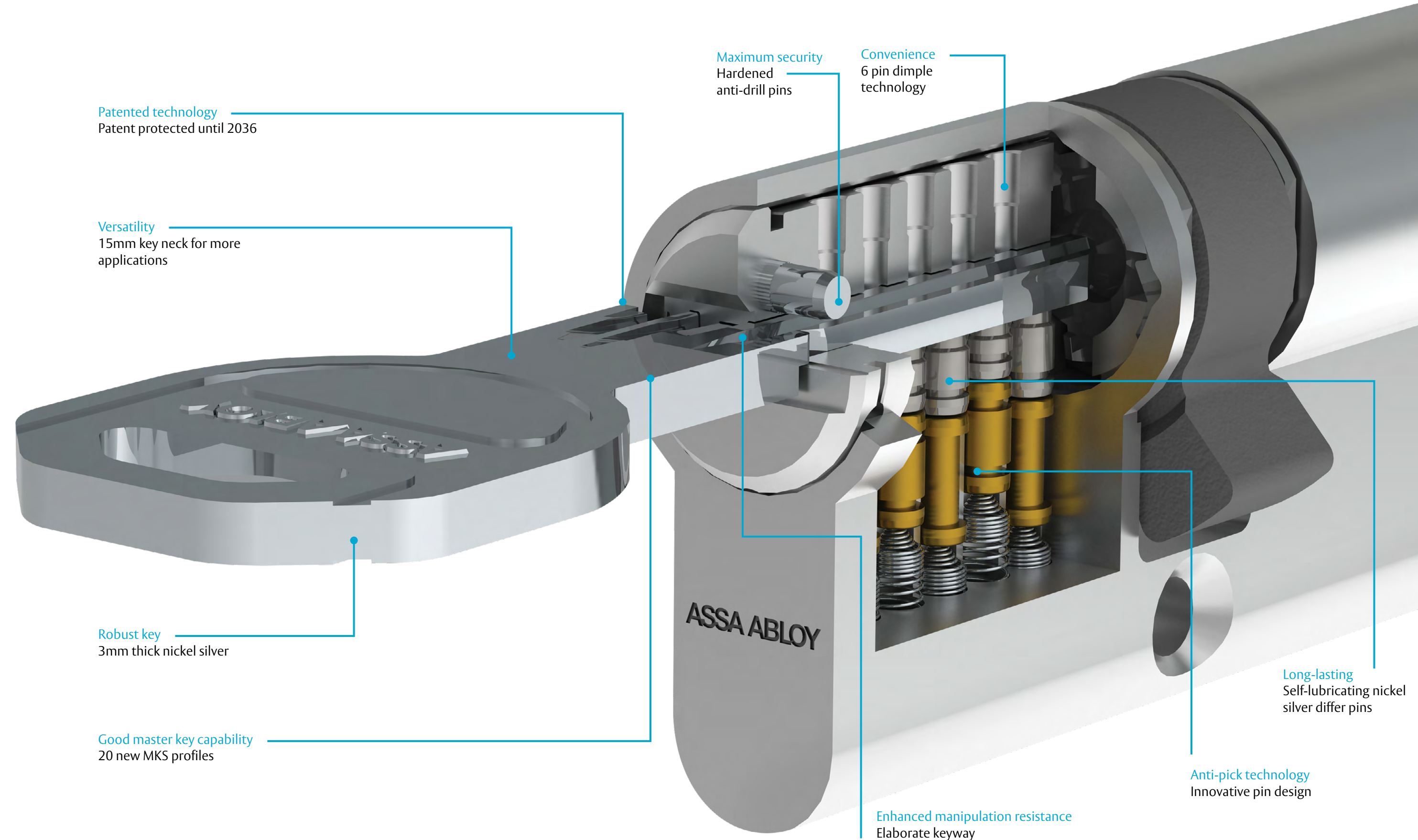
EN 12320:2012 security standard

	Category of use	Life cycle	Corrosion resistance	Security
Padlock	1	1	3	3

¹ Euro cylinders according to EN 1303:2015

² accelerated test/ 240 hours salt spray test not performed on padlock

³ when used with security escutcheon



For commercial applications

With its patented affordable dimple design and good master key capability, achieved by 20 completely new MKS keyways, CY110 is made to be great in commercial applications.

For an optimised master key specification, always consult with an ASSA ABLOY MKS specialist as early in the project as possible.

For homes and small businesses

CY110 is also ideal for residential and small business use. It can be keyed to open just one door or multiple doors with the same key. And it is easy to upgrade or replace existing cylinders inside and out.

Clear choices Outstanding value

Available as a Master Key Solution (MKS), keyed alike (KA) and keyed to differ (KD).



* Environmental Product Declaration (EPD) available. Find out more www.middleeast.assaabloy.com/epds

Euro cylinders

- High-quality satin nickel finish
- DIN 18252 cam
- Offset lengths available

Single cylinder

- Lengths starting at 3010 available in 5mm increments up to 8010
- Adjustable multi-position cam

Double cylinder

- Lengths starting at 3030 available in 5mm increments up to 8080
- + Optional emergency cam for single point locks
- + Optional free-rotating cam

Key & turn double cylinder

- Lengths starting at 3030 available in 5mm increments up to 8080
- Matching thumbturn and body finish

Padlock

- For both indoor and outdoor applications such as storage and gates
- Ø8mm hardened boron steel shackle – Chrome-plated body
- 25mm, 50mm, 75mm shackle clearances
- Key retaining
- + Optional non-key retaining feature, meaning you can take the key with you and leave the padlock open
- + Optional dust cover protects keyway and enhances endurance
- + Optional 25mm stainless steel shackle clearance

Rim cylinder

- For use with night latches
- Ø32mm face – Ø29mm body
- 54mm tailpiece length for most common installations

Cam lock

- For use as letterbox, drawer or cabinet locks
- Ø33mm face diameter – Ø22mm body diameter
- Key retaining to ensure the lock is never left unlocked
- + Optional angled cam

