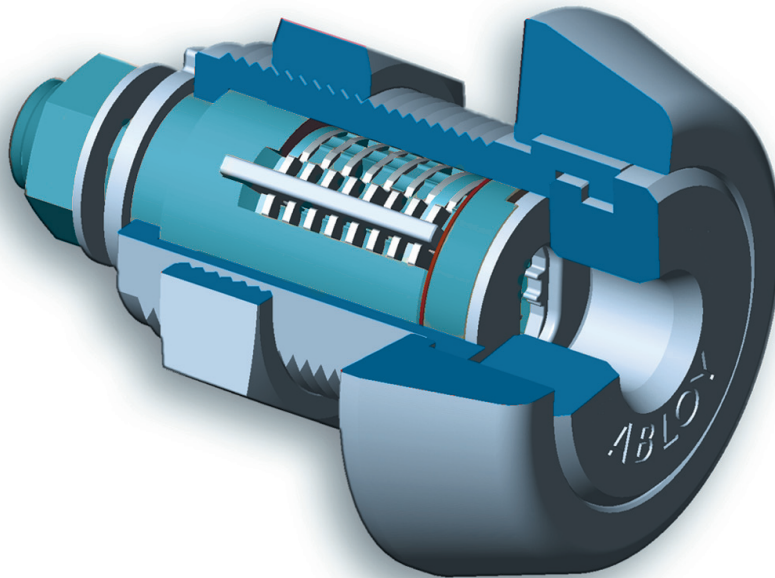


ABLOY® EXPERTISE AT YOUR SERVICE

ABLOY® cam locks have been developed to meet the highest levels of security in the field of equipment locking. Our extensive range consists of both standard products and a wide selection of customised products. The superior benefits offered by **ABLOY®** cam locks make them ideally suited to the most demanding, high security applications where valuables are located either behind small doors or in enclosures, e.g. vending machines, cash dispensers, gaming machines, parking meters, pay phones, coin-operated laundry machines etc. Our long experience in high security products and our high levels of expertise guarantee you the best possible choice for your particular application.





HIGH-SECURITY PERFECTION

The unique **ABLOY®** cylinder construction, patented cylinders, strict key control and extensive masterkeying capabilities make **ABLOY®** cam locks ideally suited for the most demanding applications.

Unique construction

Based on a unique operating principle which employs rotating detainer discs, **ABLOY®** cam locks offer advantages that other locking systems cannot achieve.

Physical strength

ABLOY® cam locks combine excellence in design with the very latest engineering and production technology. Additional resistance to physical attacks is ensured by the use of case-hardened steel components.

Resistance to harsh conditions

The **ABLOY®** cylinder contains no springs or pins which could cause it to malfunction in a wide range of environmental conditions. All the components are highly resistant to wear, dirt, moisture, corrosion or freezing conditions.

Virtually pickproof

Only the correct key can align the gates on all the discs and permit the locking bar to disengage the cylinder from the housing.
The **ABLOY®** PROTEC cylinder employs a new, patented disc blocking system (DBS) which makes it impossible to manipulate the cylinder so that it opens without the correct key.

Masterkeying capabilities

Based on a unique operating principle which employs rotating detainer discs, **ABLOY®** cam locks offer advantages that other locking systems cannot achieve.

User-friendly

The disc control system and symmetrical key make **ABLOY®** cam locks easy to operate.

PATENTED CYLINDER TECHNOLOGIES

These patented **ABLOY®** cylinders feature symmetrical keys and disc steering system that provides smooth, reliable operation. Both **ABLOY® EXEC** and **ABLOY® PROTEC** have specialized features which make them ideally suited for particular applications.



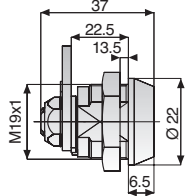
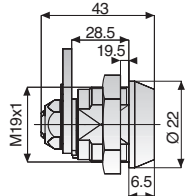
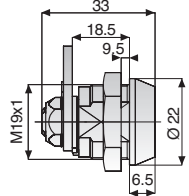
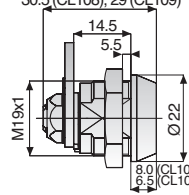
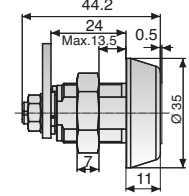
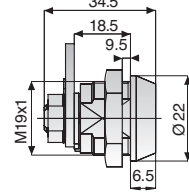
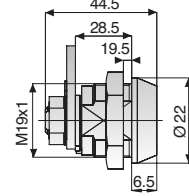
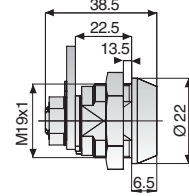
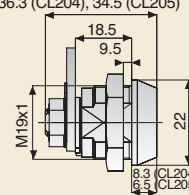
ABLOY® EXEC

- Nickel-silver key with heavy duty polymer key bow
- Patented key, key blank and cylinder construction
- Particularly suitable for industrial locking systems
- Exceptional picking and environmental resistance

ABLOY® PROTEC

- All metal key, nickel-silver
- Patented key, key blank and cylinder construction
- Disc blocking system (DBS), virtually pickproof
- Can be masterkeyed with doorlock cylinders
- Extensive range of **ABLOY®** industrial locks available

THE RIGHT PRODUCT FOR EVERY APPLICATION

Model		Cam turns: key removable		Material of cylinder housing	Number of discs	Left hand operation possible	Cylinder type *)		
Dimensions	Product numbers	90°/180° In locked position only	360° In locked and unlocked pos.				C	E	N
    	CL100 (3275C) CL101 (3276C)	●	●	brass brass	11 11	●	●	●	●
	CL103 (3277C, 3507D) CL106 (3278C)	●	●	brass brass	11 11	●	●	●	●
	CL104 (3273C, 3504D) CL105 (3243C, 3505D) CL107 (3274C)	● ●	●	brass steel brass	9 9 9	● ●	●	●	●
	CL108 CL109	● ●		brass brass	7 7	● ●	●		●
	CL110	●		steel	9	●		●	●
   	CL200 (3373C, 3506D) CL201 (3503D)	● ●		brass steel	9 9	● ●	●	●	●
	CL202 (3377C)	●		brass	11	●	●	●	●
	CL203 (3375C)	●		brass	11	●	●	●	●
	CL204 CL205 (3343C)	● ●		steel steel	9 9	● ●	●	●	●

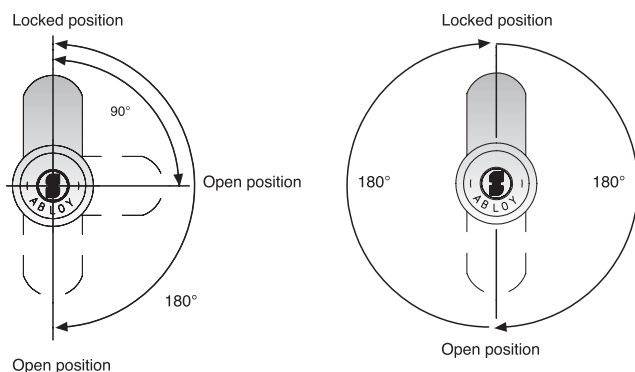
■ = UL listed products

■ = Patented cylinder systems

*) C= ABLOY® CLASSIC
E= ABLOY® EXEC
N= ABLOY® PROTEC

ABLOY® CAM LOCKS IN DETAIL

CAM TURNS



LOCK TYPES

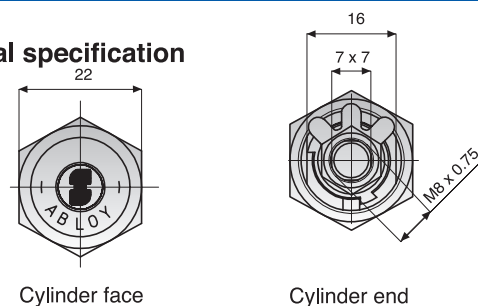
CL100 CL200
CL103 CL201
CL104 CL202
CL105 CL203
CL108 CL204
CL109 CL205
CL110

LOCK TYPES

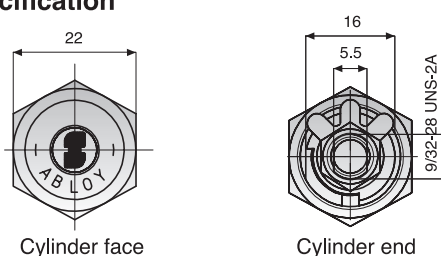
CL101
CL106
CL107

UNIVERSAL AND US SPECIFICATIONS

Universal specification



US specification



CONSTRUCTION AND FINISH

Brass cylinder (two vertical marks on cylinder face)



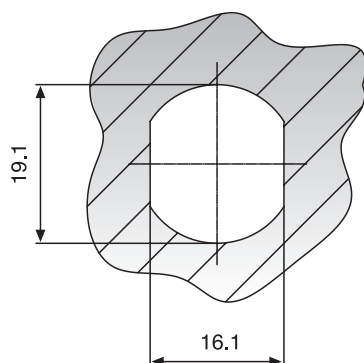
- Detainer discs: Tin bronze
- Cylinder drum and end nut: Brass
- Governor, nut lock washer and hex nut: Zinc-plated steel
- Cylinder housing: Chrome-plated brass

Steel cylinder (two horizontal marks on cylinder face)



- Detainer discs: Tin bronze
- Cylinder drum and end nut: Brass
- Governor, nut lock washer and hex nut: Zinc-plated steel
- Cylinder housing: Case-hardened, chrome-plated steel

DIMENSIONS OF FITTING HOLE



WHEN ORDERING, PLEASE SPECIFY

- Lock type
- Cylinder type
 - C = **ABLOY®** CLASSIC
 - E = **ABLOY®** EXEC
 - N = **ABLOY®** PROTEC
- Number of keys in **ABLOY®** EXEC (to be ordered separately). In other cylinder types 2 keys/lock included.
- Key profile
- Finish of the cylinder housing, if not standard (chrome)
 - M = brass
 - H = satin chrome
- Cam type, if required (see page 11)
- Cam turn (90°, 180°)
- Fitting plate, if required



PROFESSIONAL SOLUTIONS FOR ULTIMATE HIGH SECURITY NEEDS

The world is challenged by mounting security threats in every conceivable sector. Our mission is to meet these challenges and to provide complete locking solutions for the 21st century's marketplace. **ABLOY® PROTEC²** is one more milestone in that mission.

ABLOY® locks and cylinders are chosen worldwide for highly sensitive applications. They are recognised as the world's premium high security locking systems, used extensively by private, commercial and government end users who demand the ultimate in high security.

Security solutions may vary at different premises according to their size and type of business. But the need for high security system solutions is universal. As an example, the world is dependent on water, electricity and communications networks. Security in these utilities is essential for our well being and therefore their protection is vital.

A growing number of applications depend upon the ability to deliver their services 24/7. Any break or interruption to their service caused by vandalism or physical attack can prove devastating for the security, health, financial costs and reputation of a facility or an enterprise. Combining safety, security and convenience is a challenging task so the quality, design and functionality of the locking system must meet those challenges.

Security threats are not static, nor are the solutions. **ABLOY** has extensive experience and expertise in the field of high security locking systems and we can offer you highly secure and customized solutions.

Secure in every way

In an **ABLOY® PROTEC²** locking system, different products can be keyed into the same master key system and thus all products can be operated with just a single key. This simplifies your locking system and key management. The range is wide, there are 1,97 billion different key combinations providing the possibility to create extensive Master Key systems that fulfil your exact specifications.

ABLOY® PROTEC² is durable and long lasting thanks to its superior design and precision manufacturing. The unique and patented rotating disc technology provides smooth and reliable functionality also in extreme environments.

ABLOY® PROTEC² can be integrated with electromechanical **CLIQ**-technology. This electromechanical system is intelligent and highly customizable. It enables flexible and secure access management, including time functions, into your daily operations. And in case of a lost or stolen key it can easily be electronically removed. Both the cylinders and keys collect audit trail of use. **CLIQ** makes things click. It lifts your locking security to a whole new level.



800.266.2646

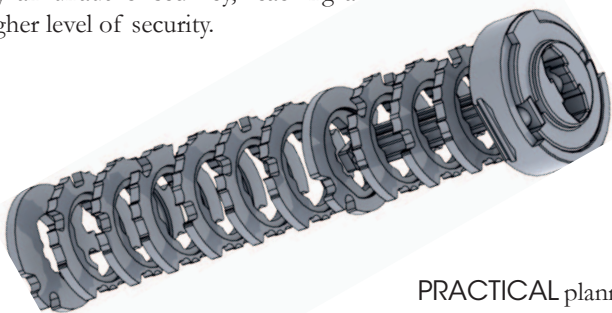
www.coinsecurity.com

sales@coinsecurity.com



PATENTED features in keys and cylinders assure that the installations will be protected for many years to come. **ABLOY® PROTEC²** worldwide patents are valid until 2031.

SECURE level has been further improved in **ABLOY® PROTEC²** by a new disc controller and key design. **This patented disc controller structure requires a moving element in the key** to mate with the cylinder internally in order to function, thus raising the difficulty of any attempt to copy an unauthorised key, reaching a new higher level of security.



LONGEVITY is further reinforced with our **new patented feature, AWS (Anti Wear System)** which is a mechanism in the **ABLOY® PROTEC²** key and cylinder that prolongs the life cycle even in extensive use applications.

CONTROLLED distribution of **ABLOY® PROTEC²** key blanks and the use of different security levels and profiles ensures the highest level of key control tailored to your exact needs.

PROFESSIONAL design makes **ABLOY® PROTEC²** cylinders **virtually pick proof and bump proof. DBS (Disc Blocking System) is a patented feature** that stops attempts to manipulate the discs.

SUPERIOR master keying features are offered based on our vast number of different key combinations. In **ABLOY® PROTEC²** locking systems, different products can be keyed into the same master system with all products being operated with a single key.

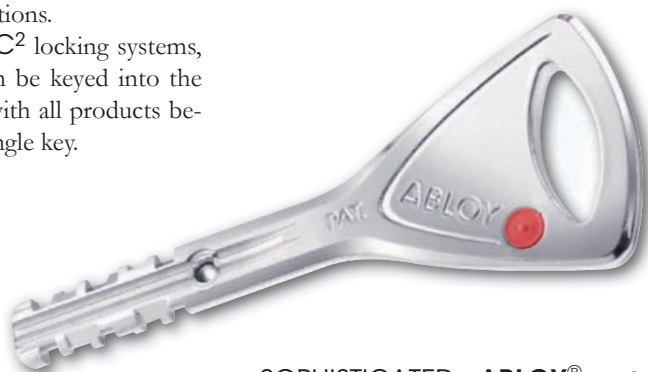
PRACTICAL planning of your master key system is possible along with the ability to incorporate multi level systems each with unique access rights for different user groups.

EXPANDABLE locking systems can be designed to cover large and extensive facilities.

UPGRADEABLE system may combine a mechanical master key system with electromechanical functions.

ULTIMATE high security features can be further enhanced by integrating the intelligent **CLIQ** technology with the mechanical **ABLOY® PROTEC²** master key system to utilise both mechanical and electronic identification. Communication is encrypted. Cylinders and keys can record the audit trail of their use. Adding and denying access rights is easy, flexible and secure.

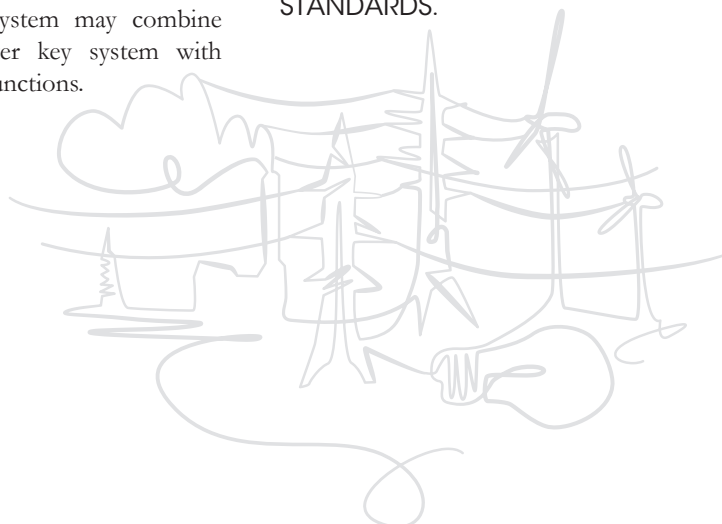
DURABLE design without springs and pins provides **RELIABLE** function in severe environments.



SOPHISTICATED **ABLOY®** software provides a user friendly tool to facilitate the easy administration of the locking system.

EXTENSIVE PRODUCT RANGE of **ABLOY® PROTEC²** means that we can secure numerous applications from door environments to industrial applications and equipment.

ABLOY® PROTEC² offers a global solution. Products are designed and manufactured to **MEET** and **EXCEED** requirements of several international, national and customer specific **STANDARDS**.




CoinSecuritySystems
ASSET PROTECTION

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ABLOY® PROTEC²

ONE CORE, WIDE PRODUCT RANGE

ABLOY® PROTEC² meets and exceeds requirements of several international, national and customer specific standards and requirements. With an extensive product range, **ABLOY®** PROTEC² provides a global solution.

While the core of the cylinder remains the same, the outer covering can be changed to meet the requirements of the specific application.

Superior quality for superior demands

ABLOY® locks and cylinders are chosen worldwide for sensitive applications in the most exposed locations, continually defying the elements, on land and sea, in the coldest and the hottest of climates. **ABLOY®** products are selected as the first choice of the professionals in countless applications all around the world.

Our clients trust us.

ABLOY professional high security solutions are used worldwide in:

Governmental and institutional applications
Utilities
Telecommunication applications
Industrial plants
Education
Healthcare
Museums and Heritage
Corporate applications
Transportation
And many more




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