

ASSA ABLOY

Mzansi CYS00 Sawn Master Key System



Patent protection until 2036
Prevents unauthorized duplication



6-pin technology
For enhanced security



Extended life
At least 300,000 lock/
unlock cycles



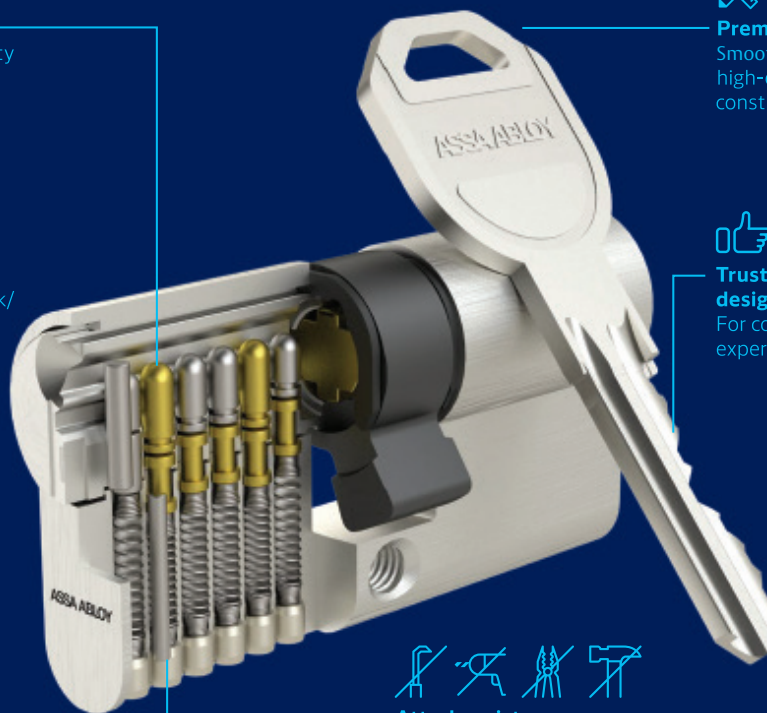
Durable construction
96-hour corrosion
resistance



Premium design
Smooth edges and
high-quality
construction



**Trusted sawn key
design**
For convenient user
experience



Attack resistance
Secure anti-pick design with 15kN pulling resistance,
5 minutes' drilling resistance



Are you looking for
the **KEY** to Trust
and Security - now
and far into the
Future?
Your search is over.
We are the KEY



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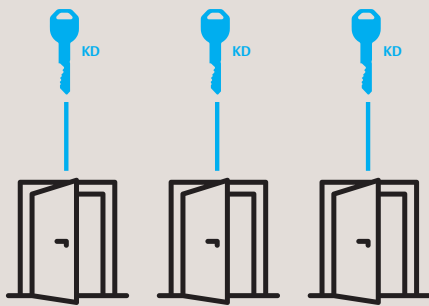
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What is a master key system?

In a master key system, every key can unlock one or several openings. Each key's reach is determined by their position in a carefully designed hierarchy. Keys may be issued according to authority or function. For example, the CEO and security manager hold a master key which unlocks everything. IT staff keys unlock the server room and its contents, but no other offices or services. Cleaners can unlock every room, but cannot access storerooms with sensitive information. When properly configured, a master key system is secure, flexible, scalable, convenient and cost-effective.

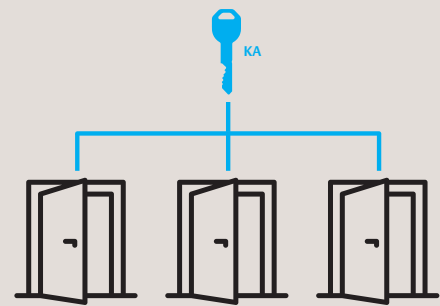
How does a master key system benefit me?

A master key system helps you manage and filter access to multiple openings without software or wiring. Everyone opens the doors they need without carrying multiple keys. Only those with authorization get in. Because a single key may operate multiple locks, effective master key system design reduces the number of keys you need to cut, track and replace at your organization. It saves you time and money. A master key system frees building users from bulky keyrings and saves them time hunting for the right key. Users enjoy the convenience of carrying one key to unlock doors. And with fewer keys in circulation, the problem of lost and stolen keys is reduced.



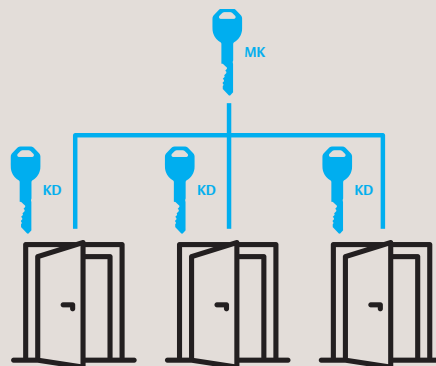
Keyed to Differ:

Keyed to differ refers to cylinders, each of which is combined differently from the others.



Keyed Alike:

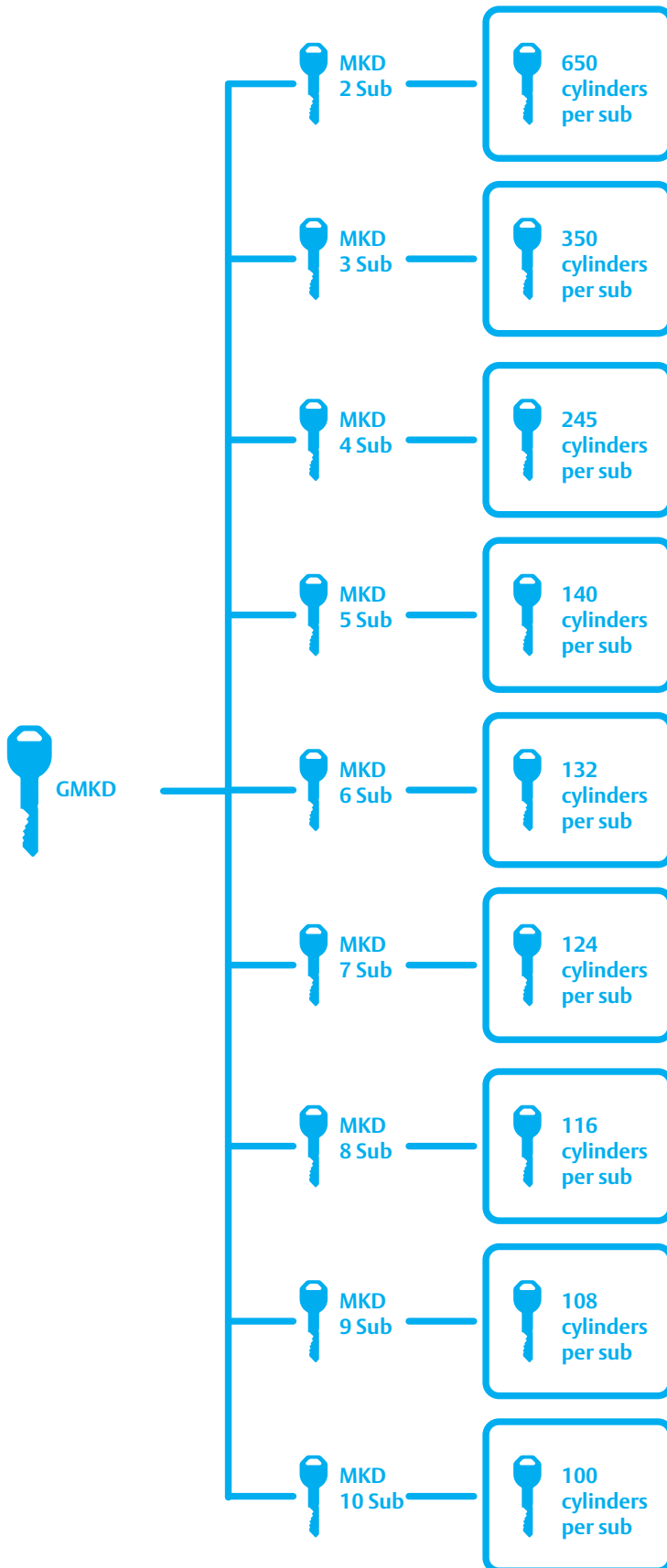
Keyed Alike refers to two or more cylinders which have the same key combination. Number of locks can be operated by the same key. They may be a part of a master key system if the system is designed so.



Master Keyed:

Master Keyed refers to a system by which each cylinder has its own individual key, in addition the system has a control key (master key) which operates all the cylinders in the system

Mzansi CYS00 Grand Master Key Capabilities



In the Mzansi CYS00 Grand Master Key system, a single Grand Master Key (GMK) sits at the top of the hierarchy and is capable of opening every lock in the system.

Beneath the GMK are configurable Master Keys or Sub-Master Keys (MK/SUB), which determine how access is distributed. For example, with 2 MK/SUBs, each sub-master can support up to 650 individual keys (IKs), giving a total system capacity of 1,300 IKs.

As the number of MK/SUBs increases, the number of IKs available per sub-master decreases—for instance, 4 MK/SUBs allow 245 IKs each while 10 MK/SUBs allow 100 IKs each.

This trade-off allows the Mzansi system to be tailored for either fewer access groups with higher capacity, or more access groups with tighter control, while always remaining under one secure and central GMK.

Mzansi CYS00 Euro Profile Cylinders

Reliable. Secure. Built for South African conditions.

Scan me:



The Mzansi CYS00 Euro Profile Cylinder is an entry-level yet highly robust locking solution designed for residential properties, small commercial buildings, and projects requiring dependable security without the complexity or cost of advanced systems.

Engineered from high-quality brass and supplied with nickel-plated brass keys, the CYS00 cylinder delivers long-lasting durability, corrosion resistance, and consistent performance across a wide range of environments — from inland regions to harsh coastal climates.

Why Choose the Mzansi CYS00 Cylinder?

Master Key System Simplicity

The CYS00 supports a streamlined master key system that allows:

- Master Key system - One master key to open all cylinders in the system
- Grand master key system - 1 to 10 master key subs, which can all be opened by the grand master key
- Each door to retain its own unique key
- Seamless access control for homes, complexes, small businesses, or multi-unit properties

Using advanced keying technology, this system can accommodate Grand Master and Master key systems.

Grand master key with up to 10 master key subs, perfect for projects where multiple buildings are on site but require restricted access. Master key system with up to 2000 individual cylinders under a single master key, making it ideal for projects needing simple but scalable access management.

Built for Harsh Environments

The cylinder has passed:

- 96-hour corrosion resistance testing
- 300,000-cycle durability testing

This ensures long-term performance whether installed in interior, exterior, inland, or coastal environments.

Proven Attack Resistance

Security is enhanced through several anti-intrusion features:

- Anti-pick pin design prevents lock picking
- Pulling resistance of 15 kN for strong protection against forced extraction
- 5-minute drilling resistance to slow down drilling attempts

These targeted security measures make the CYS00 a solid choice for everyday residential and light commercial security needs.

Affordable Without Compromise

The Mzansi CYS00 cylinder offers an ideal balance of:

- Cost efficiency
- Security features
- Ease of installation
- Long-term durability

It is the perfect solution for developers, contractors, property managers, and homeowners who need a dependable locking system that doesn't require complex planning or high costs.

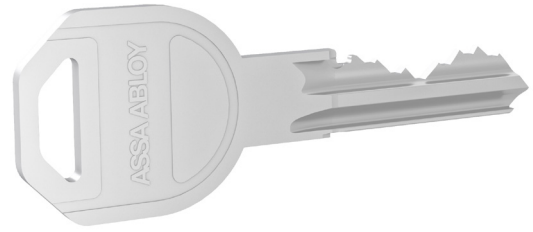
Ideal Applications

- Residential homes
- Townhouse complexes
- Small commercial buildings
- Schools, clinics, or municipal offices
- Storage areas and outbuildings
- Renovation and maintenance projects

The Perfect Choice for Practical Security

The Mzansi CYS00 Euro Profile Cylinder offers a reliable and scalable grand master & master key system, exceptional durability, and strong resistance to tampering — all at an accessible price point. Whether securing a single home or a multi-unit property, the CYS00 provides trusted protection backed by proven engineering

Mzansi CYS00 Key

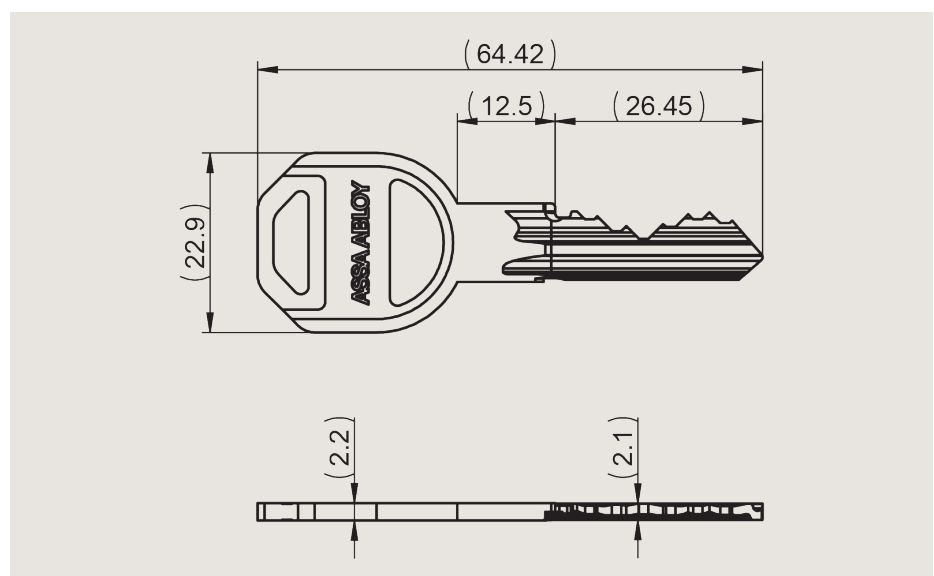


Patent protection makes unauthorized key copying illegal

With its trusted, patented sawn key design and large keybow, the CYS00 key is convenient to use. Its long key neck allows the operation with thicker door escutcheons.

Technical data and features

Security	Patent-protected until 2036
Keying	Sawn key design
Number of keys	KD supplied with 3 keys MKD supplied with 2 keys New MKS system supplied with 2 master keys New GMKS system supplied with 2 grand master keys
Profile shape	Paracentric
Raw material	Brass
Finish	Nickel
Key thickness	2.2 mm
Key neck length	12.5 mm
Weight	12.7 g



Mzansi CYS00 Euro Double Cylinder

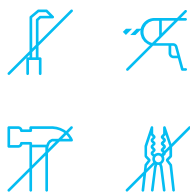


Durable and secure, the CYS00 Double Euro Cylinder with 6-pin technology provides the protection you need to lock your building's doors – inside or out.

Technical data and features



Certified security



Protection against cylinder attack

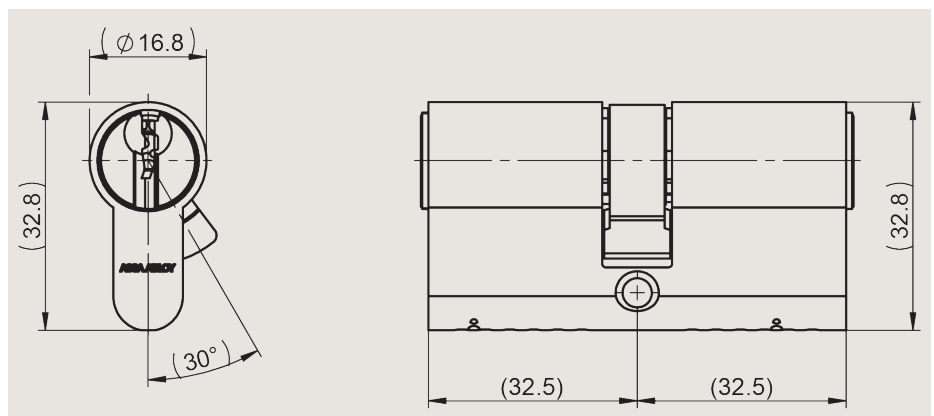
Security	EN 1303:2015 tested Cam DIN 18252 compliant
Attack resistance	Anti-pick Anti-drill: 5 minutes' drilling resistance Anti-pull: 15 kN pulling resistance
Keying	Sawn key design Grand master key system (GMKS) Master key system (MKS) Keyed to differ (KD) Keyed alike (KA)
Number of keys	2
Max. number of effective key differs	108,547 KD 2,000 MKD GMK 1 - 10 Subs (refer to page 4)
Number of pins	6
Raw material	Brass
Finish	Satin Nickel, Matte Black
Cylinder length	Minimum: 27.5 27.5 mm; Maximum: 80 80 mm Increments: 5 mm (starting from 30 30 mm) Standard 32.5 32.5 mm Non standard lengths available on request

Part numbers - Satin Nickel

- CYS00KDED3333SN - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Keyed to differ
- CYS00KAED3333SN - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Keyed alike
- CYS00MKED3333SN - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Master key
- CYS00GMED3333SN - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Grand Master key

Part numbers - Matte Black

- CYS00KDED3333BL - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Keyed to differ
- CYS00KAED3333BL - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Keyed alike
- CYS00MKED3333BL - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Master key
- CYS00GMED3333BL - Mzansi Euro Double Cylinder 65 mm (32.5/32.5) Grand Master key



Mzansi CYS00 Euro Thumbturn Cylinder



Satin Nickel

Matte Black

A reliable solution when privacy is required:
CYS00 Thumbturn Cylinders securely lock doors and can quickly unlock to provide a faster exit.



Certified security



Protection against
cylinder attack

Technical data and features

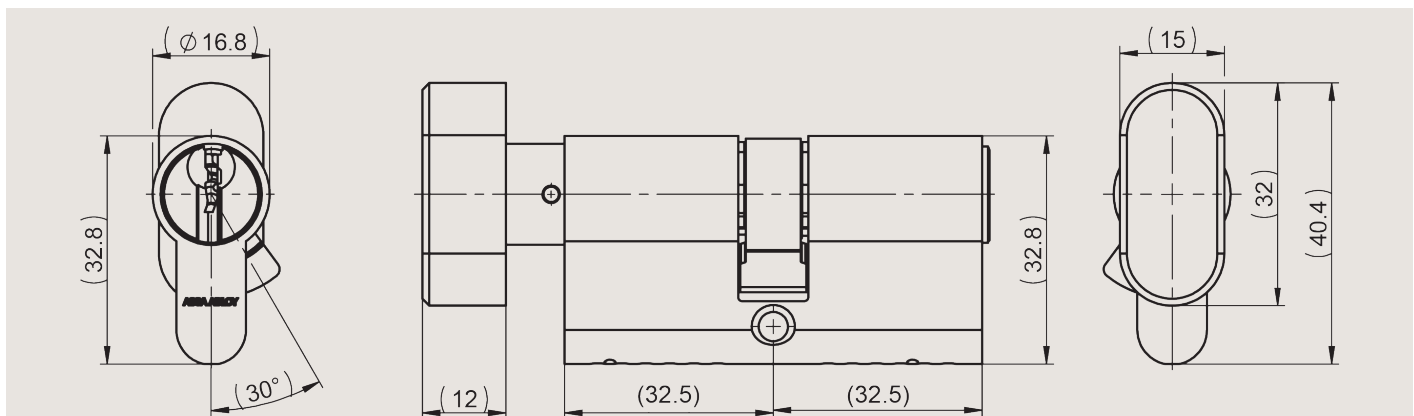
Security	EN 1303:2015 tested Cam DIN 18252 compliant
Attack resistance	Anti-pick Anti-drill: 5 minutes' drilling resistance Anti-pull: 15 kN pulling resistance
Keying	Sawn key design Grand master key system (GMKS) Master key system (MKS) Keyed to differ (KD) Keyed alike (KA)
Number of keys	2
Max. number of effective key differs	108,547 KD 2,000 MKS GMK 1 - 10 Subs (refer to page 4)
Number of pins	6
Raw material	Brass
Finish	Satin Nickel, Matte Black
Cylinder length	Minimum: 27.5 27.5 mm; Maximum: 80 80 mm Increments: 5 mm (starting from 30 30 mm) Standard 32.5 32.5 mm Non standard lengths available on request

Part numbers - Satin Nickel

CYS00KDET3333SN - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Keyed to differ
CYS00KAET3333SN - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Keyed alike
CYS00MKET3333SN - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Master key
CYS00GMET3333SN - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Grand Master key

Part numbers - Matte Black

CYS00KDET3333BL - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Keyed to differ
CYS00KAET3333BL - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Keyed alike
CYS00MKET3333BL - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Master key
CYS00GMET3333BL - Mzansi Euro Thumbturn Cylinder 65 mm (32.5|32.5) Grand Master key



Mzansi CYS00 Euro Single Cylinder



Satin Nickel

Matte Black

Highly durable 6-pin cylinder with the performance to secure your building. Keep interior spaces secure with the CYS00 Single Euro Cylinder.



Certified security



Protection against cylinder attack

Technical data and features

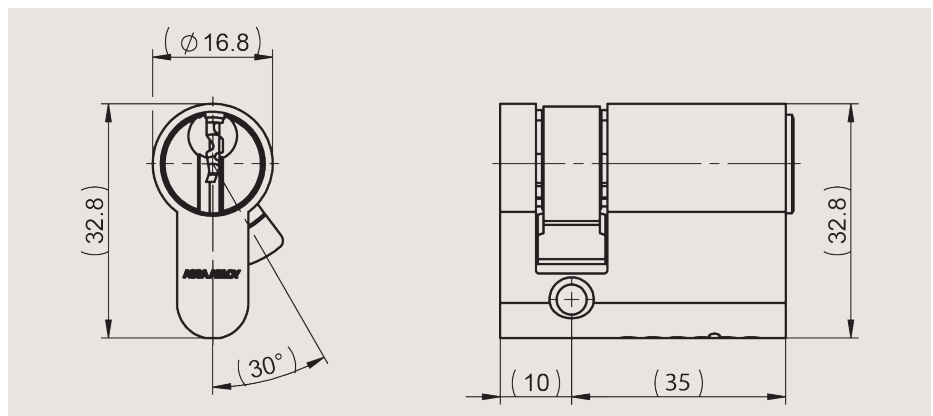
Security	EN 1303:2015 tested Cam DIN 18252 compliant
Attack resistance	Anti-pick Anti-drill: 5 minutes' drilling resistance Anti-pull: 15 kN pulling resistance
Keying	Sawn key design Grand master key system (GMKS) Master key system (MKS) Keyed to differ (KD) Keyed alike (KA)
Number of keys	2
Max. number of effective key differs	108,547 KD 2,000 MKS GMK 1 - 10 Subs (refer to page 4)
Number of pins	6
Raw material	Brass
Finish	Satin Nickel, Matte Black
Cylinder length	Minimum: 27.5 10 mm; Maximum: 80 10 mm Increments: 5 mm (starting from 30 10 mm) Standard 35 10 mm Non standard lengths available on request

Part numbers - Satin Nickel

- CYS00KDES3510SN - Mzansi Euro Single Cylinder 35 mm (35|10) Keyed to differ
- CYS00KAES3510SN - Mzansi Euro Single Cylinder 35 mm (35|10) Keyed alike
- CYS00MKES3510SN - Mzansi Euro Single Cylinder 35 mm (35|10) Master Key
- CYS00GMES3510SNN - Mzansi Euro Single Cylinder 35 mm (35|10) Grand Master key

Part numbers - Matte Black

- CYS00KDES3510BL - Mzansi Euro Single Cylinder 35 mm (35|10) Keyed to differ
- CYS00KAES3510BL - Mzansi Euro Single Cylinder 35 mm (35|10) Keyed alike
- CYS00MKES3510BL - Mzansi Euro Single Cylinder 35 mm (35|10) Master Key
- CYS00GMES3510BL - Mzansi Euro Single Cylinder 35 mm (35|10) (32.5|32.5) Grand Master key



Standards and certifications



When you choose an ASSA ABLOY solution, you place your trust in our history of reliability and innovation. You can also depend on us to ensure your mechanical locks and keys meet – and often exceed – all relevant standards for security.

Our in-house testing laboratories push every device and component to its limit, long before it ever reaches the market. In addition, we submit mechanical devices for stringent third-party testing to achieve some or all of the following important certifications.

EN 1303

This wide-ranging standard for high-quality mechanical security covers both cylinders and their keys, assuring performance on criteria including strength, security, durability and corrosion resistance. EN 1303 uses an 8-digit coding which is based on performance tests. Each digit refers to a product feature measured against the standard's performance requirements. Compliance with EN 1303 doesn't automatically indicate a high security standard. Precise gradings are decisive; see the table below.

DIN 18252

This formatting standard defines terminology, dimensions, requirements, test methods and marking to ensure that Euro profile cylinders are standardized – and therefore easily interchangeable and replaceable.

Why the BS EN 1303 Standard Matters. How the Mzansi CYS00 Cylinder Measures Up

Choosing the right cylinder isn't just about price it's about proven safety, durability, and resistance to real world attacks. The BS EN 1303 standard provides a trusted benchmark that tests cylinders under strict European guidelines. It evaluates performance across durability, fire safety, corrosion resistance, key security, and resistance to forced entry.

The Mzansi CYS00 Euro Profile Cylinder has been engineered to align with the core strengths highlighted in this standard, giving customers peace of mind that they are investing in a reliable, high performing locking solution.

How Mzansi CYS00 Aligns With BS EN 1303 Requirements:

- Long-Lasting Durability - The CYS00 is tested to 300,000 operating cycles, far exceeding typical entry-level
- Corrosion & Environmental Resistance - With 96-hour corrosion resistance testing, the CYS00 is designed for use across South Africa's toughest environments

- Key Security & Master Key Capacity - It supports up to 2,000 cylinders under one master key.
- Attack resistance that protects homes & businesses - The Mzansi CYS00 incorporates several layers of protection:
 - Anti-pick pin configuration
 - 15 kN pulling resistance
 - 5-minute drilling resistance

What customers should look for and how CYS00 delivers

When buying a cylinder, customers should ensure the product meets critical BS EN 1303 categories:

What to check:

- High durability rating: CYS00 tested to 300,000 cycles
- Corrosion resistance 96-hour testing verified
- Key security level system Suitable for large-scale master key installations
- Attack resistance Anti-pick, anti-drill, anti-pull construction

The Mzansi CYS00 meets these expectations, making it an excellent choice for residential, commercial, and multi-unit projects that need reliable protection without the complexity or cost of high-security systems.











Why patent protection also matters

Our active patent strategy adds another layer of safety for building owners and users. Patent protection for our mechanical solutions stretching almost into the 2040s restricts key duplication to authorized partners, which reduces the likelihood of unauthorized key copies in circulation – and hence of unwanted access to your property.

Thus, the risk that valid keys are in the wrong hands is much lower than with an “off-the-shelf” solution.



 Category of use	 Durability	 Door mass	 Fire resistance	 Safety	 Corrosion and temperature	 Key related security	 Attack resistance
<p>Grade 1: Keys shall resist a torque of 2.5 Nm and still be usable. This is for use by people with a high incentive to exercise care and with a small chance of misuse.</p>	<p>Grade 4: 25,000 test cycles Grade 5: 50,000 test cycles Grade 6: 100,000 test cycles</p>	<p>Grade 0: No requirement</p>	<p>Grade 0: Not approved for use on fire resistant / smoke control door assemblies Grade A: Suitable for use on smoke control door assemblies Grade B: Suitable for use on fire resistant and smoke control door assemblies</p>	<p>Grade 0: No requirement</p>	<p>Grade 0: No corrosion requirement, no temperature requirement Grade A: High corrosion resistance, no temperature requirement Grade B: No corrosion requirement, temperature requirement from -25°C to +65°C Grade C: High corrosion resistance, temperature requirement from -25°C to +65°C</p>	<p>Grade 1: Min. number of effective differs: 100 Min. number of movable detainers: 2 Torque resistance of plug/cylinder: 2.5 Nm Grade 2: Min. number of effective differs: 300 Min. number of movable detainers: 3 Torque resistance of plug/cylinder: 5 Nm Grade 3: Min. number of effective differs: 15,000 Min. number of movable detainers: 5 Torque resistance of plug/cylinder: 15 Nm Grade 4: Min. number of effective differs: 30,000 Min. number of movable detainers: 5 Torque resistance of plug/cylinder: 15 Nm Grade 5: Min. number of effective differs: 30,000 Min. number of movable detainers: 6 Torque resistance of plug/cylinder: 15 Nm Grade 6: Min. number of effective differs: 100,000 Min. number of movable detainers: 6 Torque resistance of plug/cylinder: 15 Nm</p>	<p>Grade 0: No resistance against drilling, no resistance against mechanical attack Grade A: 3/5 minute resistance against drilling; resistance against mechanical attack except plug / cylinder extraction Grade B: 5/10 minute resistance against drilling; resistance against mechanical attack except plug / cylinder extraction Grade C: 3/5 minute resistance against drilling; resistance against mechanical attack incl. 10 kN pulling resistance Grade D: 5/10 minute resistance against drilling; resistance against mechanical attack incl. 15 kN pulling resistance</p> <p><i>Mechanical attack includes chisel, twisting and plug/cylinder extraction</i></p>

A BS EN 1303-certified cylinder ensures the installation meets modern safety expectations and offers the right level of protection for the property.

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and more open world

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