

Best pin system



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EVVA | A tradition with a future

Founded in Vienna in 1919, the EVVA Group is now represented by the headquarters in Vienna, by 10 subsidiaries in Europe and by distributors worldwide. EVVA employs around 750 people throughout Europe.

Three engineers joined forces in 1919 to form the "Erfindungs-Versuchs-Verwertungs-Anstalt" (Invention, Experimentation and Application Institute), or EVVA for short. In 1937, EVVA received the first patent for a cylinder padlock, helping the company to strike out on the path of security technology. Nikolaus Bujas took over the company in 1973, he invested in machinery and expanded the in-house research and development department.

Research, development & expansion

At the end of the 1970s, Sven Berlage pushed forward the expansion of the branches, as well as export and international positioning of the company. Since 1999, Mag. Stefan Ehrlich-Adám has been the third generation at the head of the family-run company. He is setting the course for a successful future for EVVA. Alongside

tradition, research and development are key focus areas. Innovation and development are important elements to help EVVA grow into a major, international player. EVVA is already a leading manufacturer of access solutions in Europe.

Excellent mechanical locking systems & innovative elektronic access control systems The long-established company EVVA is one of the best suppliers of mechanical locking systems.

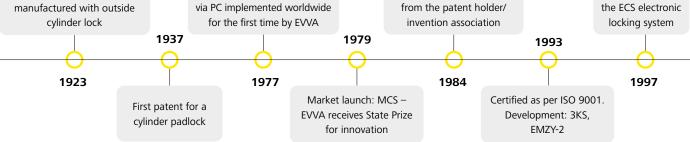
EVVA has been offering two innovative electronic locking systems since 2014 - Xesar and AirKey - products that are the result of EVVA's many years of experience in electronic access control.

Facts & figures

Overview of innovations

Headquarters in Vienna & 10 branches
750 employees throughout Europe
EVVA supplies to over 50 countries all over the world
TRIGOS Award 2012
2011 City of Vienna environmental award
Consecutive, annual ÖKOPROFIT awards since 1999
Certified as per ISO 9001

First additional security lock Master key system calculation manufactured with outside via PC implemented worldwide cylinder lock



MCS: large, gold medal

Development of



EVVA innovative

since 1919

EVVA continues to invest in its workforce



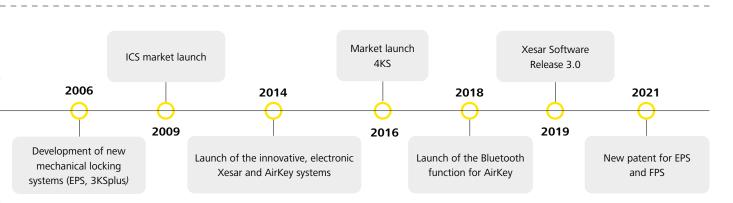
Corporate social responsibility (CSR)

For EVVA, CSR is more than just image, it is a necessity. Particularly for top technology companies, it is essential to work as sustainably as possible. Protecting environmental resources, investing in employees and paving the way for economic success. Photovoltaic energy generation at EVVA



Clean production

EVVA is increasing its focus on an oil- and water-free production of products. This type of production, known as clean production, offers a wide range of advantages. EVVA has received numerous prizes for sustainable innovations. Examples include the Leonardo Award 2004, the Environmental prize 2011 from the City of Vienna, the TRIGOS Award 2012, as well as the annual "Ökoprofit-Auszeichnung" (Ecological Project for Integrated Environmental Technology Award) every year since 1999.















EPS. Best pin systems

EPS reliably protects private houses and is also very popular in clearly structured master key systems in office buildings, catering facilities or residential developments. EPS is the successful result of the continuous further development of tried and tested EVVA pin systems. High level of user comfort and durability make the system the best of pin systems.

The benefits of EPS at a glance

- > One key fits all
- > For master key systems with a distinct structure
- > Quick assembly thanks to modular design
- > Patent protection until 2041 at the latest*

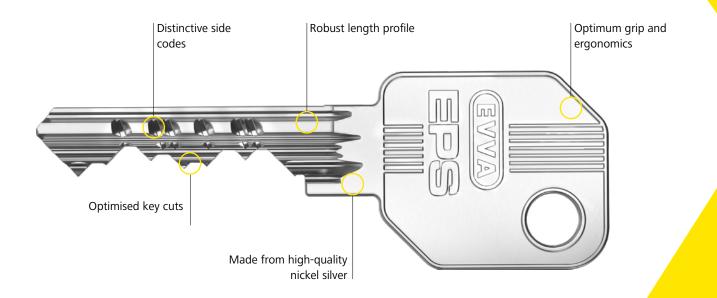
The access system for clearly structured master key systems

EPS is ideal for well structured master key systems and a clearly defined user group. For instance on doors within residential complexes or office buildings. In cooperation with qualified partners, EVVA has been providing security technology for a hundred years.



EPS. One system, many details EPS is a spring-loaded pin system with 5 or 6 active spring-loaded scanning

EPS is a spring-loaded pin system with 5 or 6 active spring-loaded scanning elements. It features up to 20 additional side code variants. The keys' integrated tampering control within the cylinder and the dual-action locking pins offer a high level of security. The EPS key is a strong nickel silver key with a large key cross-section. EPS cylinders are available in compact and modular design.





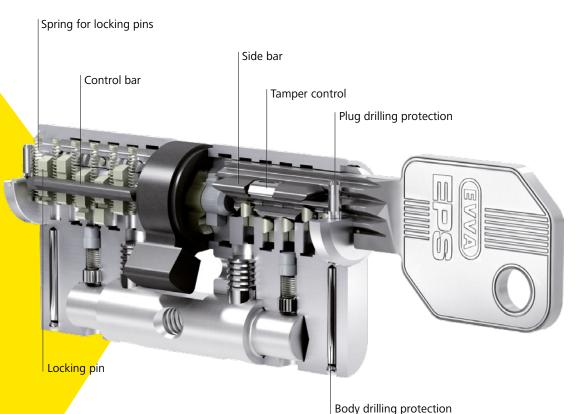


Practical, handy and appealing.

Optionally, EPS keys are available in a range colors. The colour coding helps to easily distinguish between keys.









All-round protection: Key copies, additional cylinders and lock charts are available from authorised EVVA Partners only when the relevant proof of legitimacy is provided, i.e. the EVVA security card.

Benefit from the security features

The reliable technology of the EPS cylinder offers lasting protection against illegal opening methods.







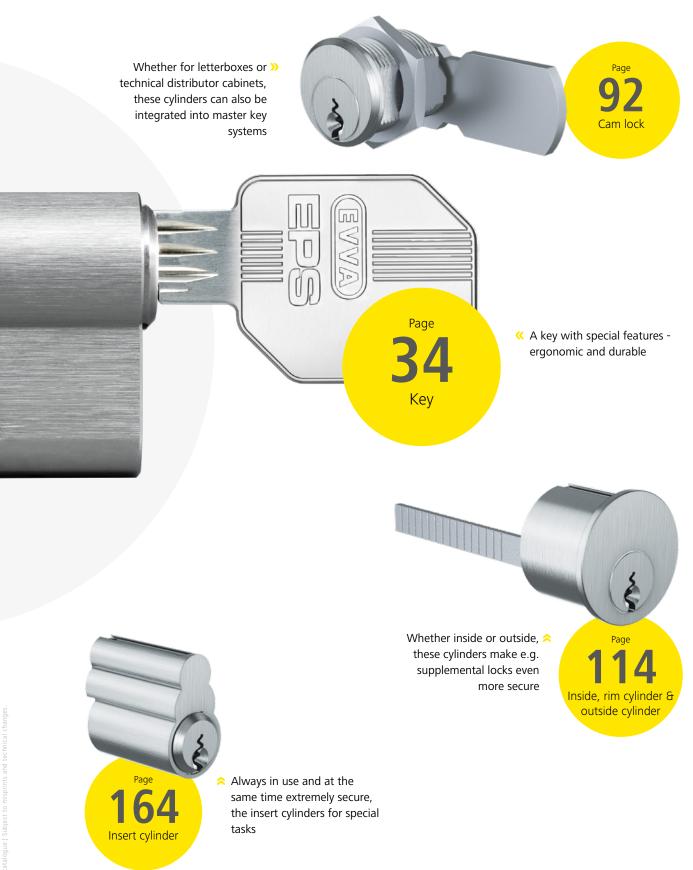




EPS | The versatile range







System overview | Benefits

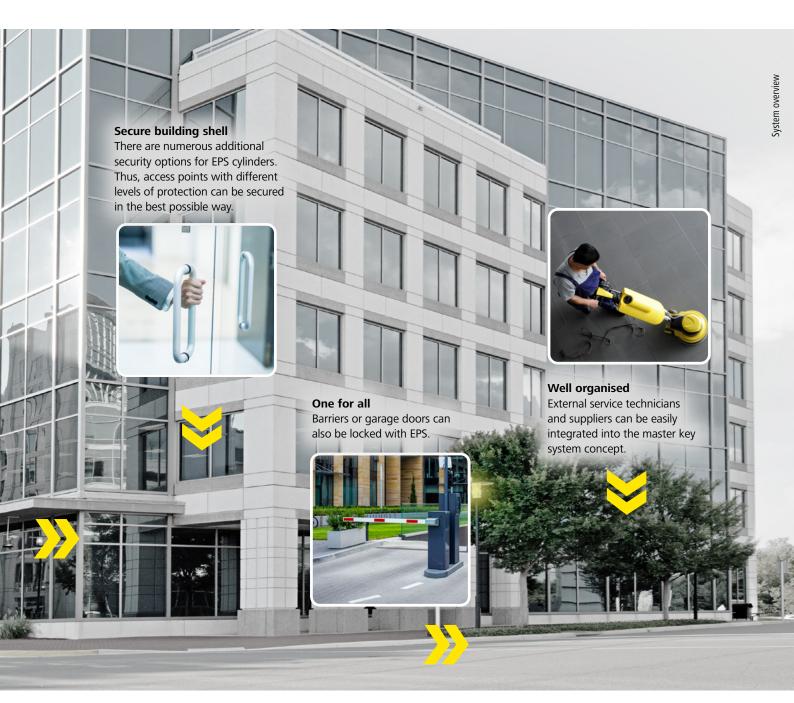


Outdoor security

The demands on the outer shell of buildings is steadily increasing. An individual character is usually requested with more transparency through glass and doors that open automatically to allow convenient access. In any case, security technology is expected to meet all requirements without getting in the way of the user or visitor.

The range covers a wide spectrum of applications and can also be ideally combined with an electronic access solution - such as AirKey or Xesar from EVVA.





System overview | Benefits



Indoor security

Security also plays a major role inside the building. Server rooms, archives for important documents or medication, the managers' offices – all these areas must be secured individually.

At the same time, processes within buildings must also be efficient. And this must already be taken into account when planning a master key system.

The goal: To each his own key, which only locks those areas that the owner is authorised to access.





next page The EPS cylinder lock range is suitable for familiar installation situations and many others.

System overview | EPS plan view

EPS cylinder locks can handle all access situations that can be planned with a master key system due to their properties and numerous variants and options.

Thus, access to rooms and floors, access to display cabinets and showcases or the activation of barriers or other electronic systems can be clearly structured. This means even more comfort and more security.



Furniture cylinderensure secure storage ofimportant documents.>> from page 136



Half cylinder are suitable for barriers, key switches, lifts and numerous other situations.

» Pages 54, 56



Switch cylinder control electronic systems such as automatic sliding doors. >> from Page 156





Double cylinder

are suitable for inside and outside doors and can be configured with a wide range of variants and options. » Pages 46, 48

Thumbturn cylinder allows convenient opening and closing without keys. » Pages 50, 52



Switching cylinder operate control elements such as those in lift systems. » from page 156

Cam lock

for mailbox systems and for secure storage in showcases and display cabinets. » from Page 94



Cylinder locks and access authorisations are used to create a tailor-made master key system.

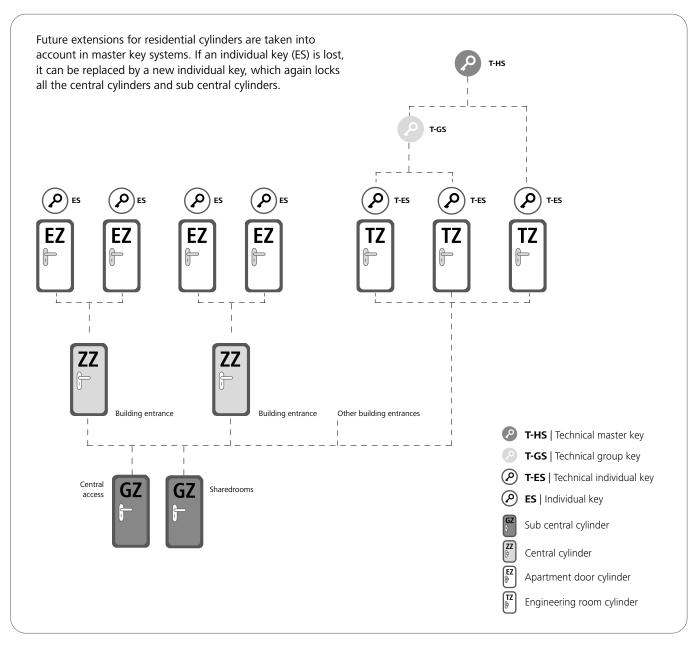
System overview | Master key system & Structure

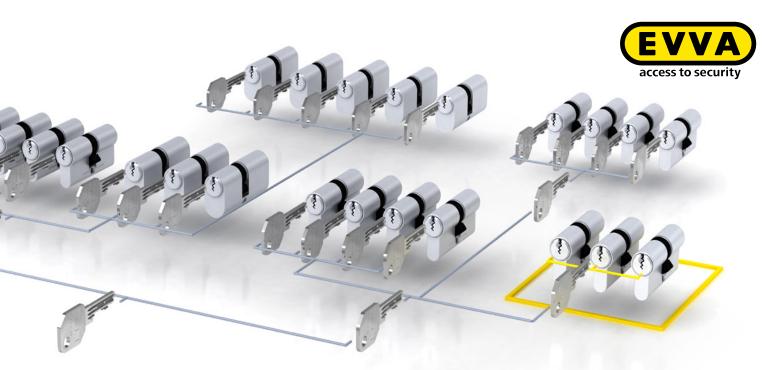
EVVA master key systems

EVVA has been developing locking charts with its project partners for almost 100 years with a great deal of know-how and great success.

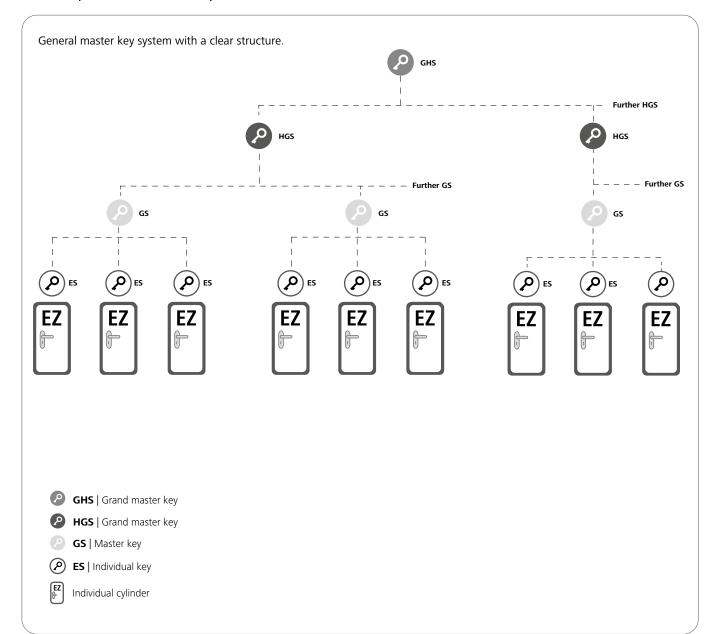
EPS is ideal for master key systems which have a clearly structured layout and a clearly defined user group. For instance on doors within residential complexes or office buildings.

Example of a residential complex



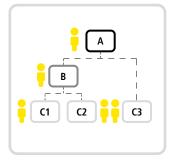


Example business premises



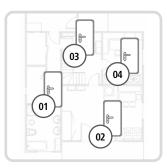
System overview | Processes

Master key system planning



User groups

Different groups are identified based on the organisational structure of the users of the building.



Rooms & Areas These are identified for specific user groups or according to specific security requirements.





Lock chart

The user groups, rooms and areas are taken into consideration - who is allowed to access an area and who is not allowed.

Changes to the master key system



Key lost

Lost keys pose a high security risk.

The replacement of one or more cylinders may become necessary.



Extensions

If the use of a room changes or new rooms are added, master key systems can usually be extended without any problems thanks to combined reserves and good advance planning.

EVVA documentation

We document all changes in your EVVA master key system and can therefore work for you throughout the entire life cycle of the master key system.





Key management





Key handover We recommend documenting the handover of keys to

the handover of keys to persons, e.g. using a handover form.



Management software The use of suitable key

management software is recommended for organisations that frequently hand over keys.

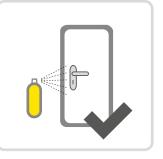


Security card (SIKA)

Only the owner of the security card is authorised to have new keys and cylinders made. The security card must always be kept in a safe place.



Maintenance of the system



Low maintenance EVVA products are largely maintenance-free. EVVA recommends the EVVA care spray for particularly heavily used products.



Verification Regular inspection of the doors prevent damage to cylinder locks.



Adaptions

The EVVA cylinder assembly case contains a range of spare parts that permit quick adaption of doors and locks.









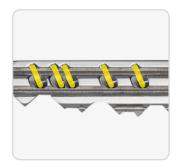


International Brand Protection The international brand can be identified by the EVVA logo on the key's profile.



Key

Design / combi key Easier to manage and use in combined master key systems.



Reliable security Side code and integrated manipulation control make it secure.



Extended key neck For protective rosettes with cylinder armour defender



Security card Repeat order exclusively from an authorised EVVA partner.

EPS key | Mechanical & electronic

Standard key



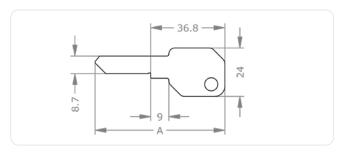
design key

EPS standard keys for master key systems and individual lockings. With its optimised key cut, it offers the usual ease of insertion. With key number as standard.

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
Optional technical installation feature	LSH – Long key neck
Optional usage feature	TXT – Customer-specific text
Key length A in mm	EPS5: 64,4 EPS5M: 64,4 EPS6: 69,4 EPS6M: 69,4 EPS7: 74,4

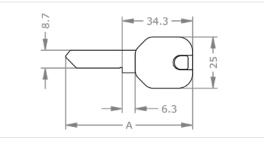
EPS design keys in different colours make it easier to manage many keys because of their colour coding. With high-quality ergonomic plastic key bow. With key number as standard.

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
Colour	BL – Blue GE – Yellow GN – Green RT – Red SW – Black WS – White
Optional technical installation feature	LSH – Long key neck
Optional usage feature	TXT – Customer-specific text
Key length A in mm	EPS5: 61.9 EPS5M: 61.9 EPS6: 66.9 EPS6M: 66.9 EPS7: 71.9



📜 Ordering

Product code	M.[System].SL.[Option]
Example	EPS key 5-pin standard, with long key neck:
	M.EPS5.SL.LSH



📜 Ordering

-	
Product code	M.[System].SL.SL-D.[Colour].[Option]
Example	EPS key 5-pin, blue design key bow, with long key neck:
	M.EPS5.SL.SL-D.BL.LSH



Xesar combi key



AirKey combi key

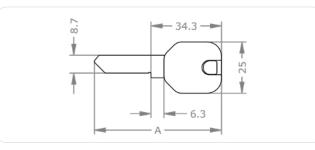


Xesar combi key for master key systems, individual lockings and integration into electronic Xesar systems. With high-quality ergonomic plastic key bow in various colours with integrated electronic chip.

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
Colour	BL – Blue RT – Red SW – Black
Optional technical installation feature	LSH – Long key neck
Optional usage feature	TXT – Customer-specific text
Key length A in mm	EPS5: 61,9 EPS5M: 61,9 EPS6: 66,9 EPS6M: 66,9 EPS7: 71,9

AirKey combi keys for master key systems, for individual lockings and the integration in electronic AirKey systems. With high-quality ergonomic plastic key bow in various colours with integrated electronic chip.

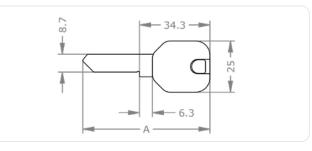
EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
BL – Blue RT – Red SW – Black
LSH – Long key neck
TXT – Customer-specific text
EPS5: 61,9 EPS5M: 61,9 EPS6: 66,9 EPS6M: 66,9 EPS7: 71,9



🗧 Ordering

Product code M Example X

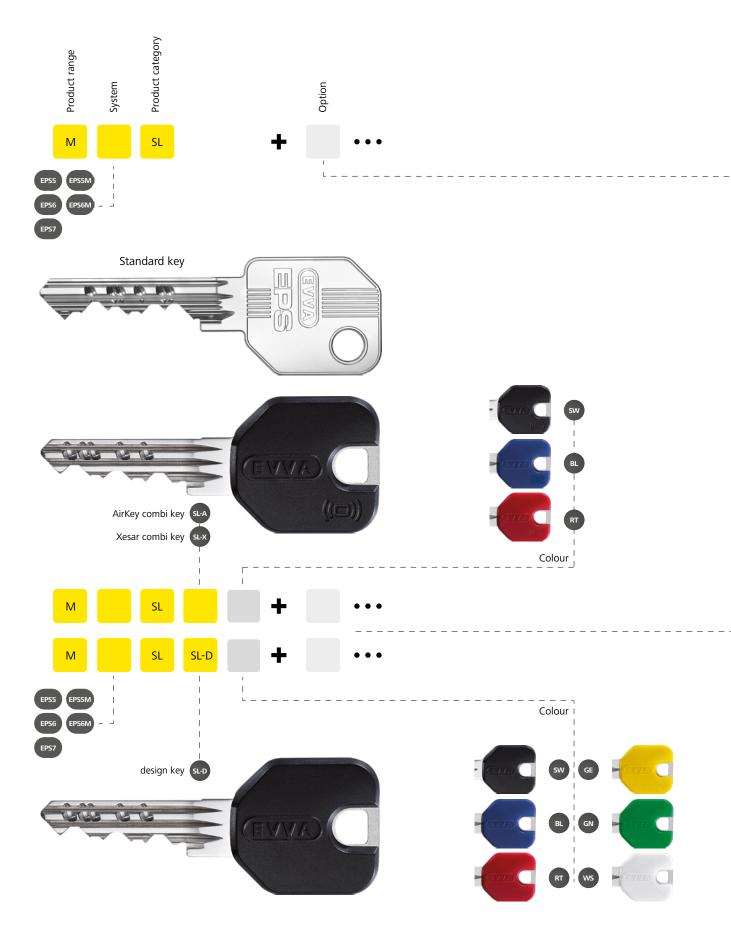
 M.[System].SL.SL-X.[Colour].[Option]
Xesar combi key blue in EPS 5-pin system,
with long key neck:
M.EPS5.SL.SL-X.BL.LSH



📜 Ordering

Product code Example M.[System].SL.SL-A.[Colour].[Option] AirKey combi key blue in EPS 5-pin system, with long key neck: M.EPS5.SL.SL-A.BL.LSH

EPS key | Versions







Matching options

see next page

Key

EPS key Options & Accessories



LSH – Long key neck

Key with long neck for use in special protective escutcheons with cylinder armouring.

J	Technical specifications	FPS standard key + 5.5 mm EPS standard key + 5.5 mm ICS standard key + 4.8 mm 4KS standard key + 7.5 mm design key + 11.5 mm combi key + 11.5 mm
	Product code	LSH
	Ordering example for option	M.[System].SL-D.LSH





SL-D, SL-A, SL-X



TXT – Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number.

Product code	TXT
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration





42



Profile cylinder

Profile cylinder | Benefits

Design

44



Visible quality Technical excellence and the highest processing quality characterise all our cylinders.



Various finishes Thanks to its wide range of finishes, the cylinder can be easily matched to doors and escutcheons.



The perfect match The thumbturn range with numerous design variants is high-quality and adapted to various ergonomic requirements.

Function



Everything under control EVVA's wide range of cylinder locks covers all relevant locking situations.



Ability to combine Excellent compatibility with electronic components and locking systems from EVVA.



Numerous functions EVVA offers the matching options depending on the use case and technical installation situation.



Engineering

Additional benefits

 Security options such as international security certifications



Drilling protection Hardened steel elements as standard for protection against drilling.



Picking scanning protection A passive control element in the cylinder ensures that a manipulated key is blocked, making it extremely difficult to open the EPS cylinder.



Pulling protection

In the Euro profile SY-MO, pulling protection is provided as standard. The compact version is optionally available with ZH - tungsten carbide pulling protection.

Assembly



Simple installation SY-MO design makes it quick and easy. However, it is also simple in the more affordable compact design.

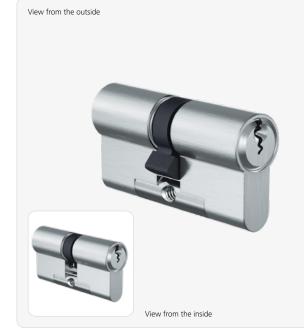


Module system EPS cylinders are manufactured in modular design (SY-MO) and can thus be adapted to the door situation on site.



Assembly kit The SY-MO assembly case contains all parts for adapting modular cylinders.

EPS Euro profile SY-MO | DZ double cylinder

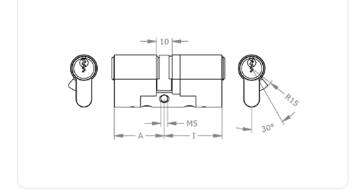


Standards and guidelines



Product description

The EPS Euro profile double cylinder in modular design (SY-MO) is suitable for use in exterior and interior doors. The cylinder features external key override. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.



Assembly tip

When installing, ensure that the protrusion is no more than 3 mm! >> Seite 71

Application examples



Metal frame doors The cylinder is suitable for installation in metal frame doors and escape route section doors as well as office access doors.



Full-leaf doors

The cylinder is suitable for installation in full-leaf doors, office and domestic property access doors as well as internal office doors.



External key override cylinder

This option makes it possible to also unlock the cylinder if a key has been inserted on the opposite side.



Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	$27^{1} 31 36 41 +5 total length \geq 62 \text{ mm}$
Cylinder length on the inside I in mm	27^{1} 31 36 41 +5 total length \geq 62 mm
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	AS-A – Anti-Snap outer side KZ-[] – Increased plug pulling and drilling protection SKG2-[] – SKG ** certified VDS – VdS certified
Optional technical installation feature	BIF – Double cam Biffar® BL-[] – blind cylinder FL1 – Free wheel function KS-[] – Contact pin NS-[] – Increased wear resistance SEW – Sea water protection SW-[] – Dust and weather cover Z[] – Cog wheel cam ZVS-[] – Reduced cylinder body
Optional usage feature	BSZ – External key override TXT – Customer-specific text
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring-loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6D 90 minutes ÖNORM B5351: WZ6-BZ BSI* ČSN EN 1627 - Security class 4 Option VdS BZ(+) Option SKG** Option BSI***
Technical installation situation	for mortise locks according to DIN, ÖNORM and surface mounted locks suitable for the installation of Euro profile cylinder locks Cam width 9.3 mm
Included components	Cylinder lock with mounting screw M5

Versions



Finish

Cylinder length

Important options



External key override

sw ®

Protection against dust and weather influence



tested as per VdS guidelines

<mark>★★</mark> SKG

tested as per SKG guidelines

BSI test

tested as per TS007 guidelines¹



KΖ

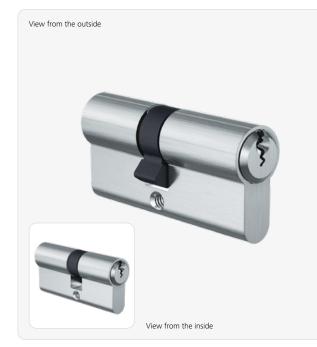
Anti-Snap-SY-MO outside

increased pulling protection/ drilling protection

Versions see » Page 70 Options see » Page 74

Product code	M.[System].PZ.DZ-S.[Cylinder length on the outside A in mm/ Cylinder length on the inside I in mm].[Finish].[Option]
Example	EPS 5-pin double cylinder with Euro profile, outside 31 mm, inside 36 mm, nickel finish, with BSZ option for external key override: M.EPS5.PZ.DZ-S.31/36.NI.BSZ

EPS Euro profile | DZ double cylinder

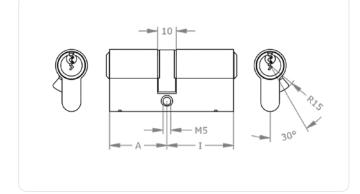


Standards and guidelines



Product description

The EPS Euro profile double cylinder is suitable for indoor and outdoor use. The cylinder features external key override. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.



Assembly tip

When installing, ensure that the protrusion is no more than 3 mm! >> Seite 71

Application examples



Metal frame doors The cylinder is suitable for installation in metal frame doors and escape route section doors as well as office access doors.



Full-leaf doors

The cylinder is suitable for installation in full-leaf doors, office and domestic property access doors as well as internal office doors.



External key override cylinder

This option makes it possible to also unlock the cylinder if a key has been inserted on the opposite side.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 31 36 41 +5
Cylinder length on the inside I in mm	27' 31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	ARS – Protection against plug pulling and snapping FZG – Free wheel function for gear locks GEF – Emergency key function H0T-A – Hotel function outside KZ-B – Increased plug pulling and drilling protection both sides PBP – Prete- terminated Breaking Point SKG2-[] – SKG ** certified VDS – VdS certified ZH-B – Hard metal plug pulling protection both sides
Optional technical installation feature	BIF – Double cam Biffar® BL-[] – blind cylinder FL1 – Free wheel function KS-[] – Contact pin NS-[] – Increased wear resistance SEW – Sea water protection SW-[] – Dust and weather cover Z[] – Cog wheel cam ZVS-[] – Reduced cylinder body
Optional usage feature	BSZ – External key override TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring-loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6B 90 minutes ÖNORM B5351: WZ6-BZ BSI* ČSN EN 1627 - Security class 4 Option VdS BZ(+) Option SKG**
Technical installation situation	for mortise locks according to DIN, ÖNORM and surface mounted locks suitable for the installation of Euro profile cylinder locks Cam width 9.3 mm
Included components	Cylinder lock with mounting screw M5

Versions



Cylinder length

Finish

Important options



External key override

SW (8)

Protection against dust and weather influence



tested as per SKG guidelines

BSI

tested as per TS007 guidelines¹



increased pulling protection/ drilling protection

Versions see **>> Page 70** Options see **>> Page 74**

≓ Ordering

Product code Example M.[System].PZ.DZ.[Cylinder length on the outside A in mm/ Cylinder length on the inside I in mm].[Finish].[Option] EPS 5-pin double cylinder with Euro profile in compact design, outside 31 mm, inside 36 mm, nickel finish, with BSZ option for external key override: M.EPS5.PZ.DZ.31/36.NI.BSZ

EPS Euro profile SY-MO | Thumbturn cylinder KZ-S

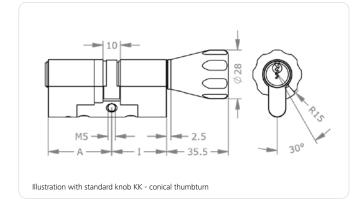


Standards and guidelines



Product description

The EPS Euro profile thumbturn cylinder in modular design (SY-MO) is suitable for use in exterior and interior doors. The cylinder is locked on the outside with an authorised key and on the inside with a thumbturn. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.



Assembly tip

When installing, ensure that the protrusion is no more than 3 mm! >> Seite 71

Application examples



Apartment door

The cylinder is ideally suited for use in apartment entrance doors and can be conveniently locked and unlocked from the inside without a key.



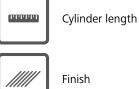
Glass door

The cylinder is ideally suited for use in glass doors and allows the cylinder to be locked and unlocked from the inside without a key.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile
System	System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	27' 31 36 41 +5
Cylinder length on the inside I in mm	27' 31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Thumbturn shape	0K – Oval thumbturn aluminium 0KA – Oval thumbturn aluminium asym. AK – Allround thumbturn ATA – Adaptable Thumbturn Axis CK – D-line® thumbturn GK – Recessed grip thumbturn KK – Cone thumbturn MK – Metal knurl thumbturn NOK – Without thumbturn RK – Round thumbturn X1K – Oval thumbturn
Thumbturn finish	K-NI – Nickel K-MS – Brass K-NP – Polished Nickel K-MP – Polished Brass K-PS – Patinated Black K-PB – Patinated Brown
Optional security features	AS-A – Anti-Snap outer side KZ-A – Increased plug pulling and drilling protection outside S0S – SOS function SKG2-[] – SKG ** certified VDS – VdS certified
Optional technical installation feature	BIF – Double cam Biffar® KS-A – Contact pin outside NS-A – Increased wear resistance outside SEW – Sea water protection SW-A – Dust and weather protection outside Z[] – Cog wheel cam ZVS-A – Reduced cylinder body outside
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring-loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6D 90 minutes ÖNORM B5351: WZ6-BZ BSI* ČSN EN 1627 - Security class 4 Option VdS BZ(+) Option SKG** Option BSI***
Technical installation situation	for mortise locks according to DIN, ÖNORM and surface mounted locks suitable for the installation of Euro profile cylinder locks Cam width 9.3 mm
Included components	Cylinder lock with mounting screw M5

Versions



Finish

Important options



SOS function

SW

Protection against dust and weather influence



tested as per VdS guidelines

** SKG

AS-A

Z10 Ö

tested as per SKG guidelines

BSI tested as per TS007 \bigtriangledown guidelines¹

Anti-snap

SY-MO outside

Cogwheel cam

Versions see >> Page 72 Options see »Page 74

5	
Product code	M.[System].PZ.KZ-S.[Cylinder length on the outside A in mm/ Cylinder length on the inside I in mm].[Finish].[Thumbturn shape].[Thumbturn finish].[Option]
Example	EPS 5-pin thumbturn cylinder in Euro profile modular design, outside 31 mm, inside 36 mm, nickel finish, with nickel cone thumbturn and optional priority function: M.EPS5.PZ.KZ-S.31/ K36.NI.KK.K-NI.SOS

EPS Euro profile | Thumbturn cylinder KZ

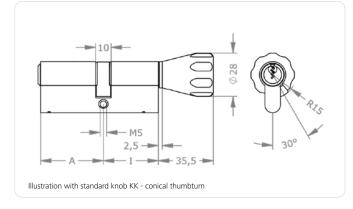


Standards and guidelines



Product description

The EPS Euro profile thumbturn cylinder in compact design is suitable for use in outside and inside doors. The cylinder is locked on the outside with an authorised key and on the inside with a thumbturn. Potential applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.



Assembly tip

When installing, ensure that the protrusion is no more than 3 mm! >> Seite 71

Application examples



Apartment door

The cylinder is ideally suited for use in apartment doors and can be conveniently locked and unlocked from the inside without a key.



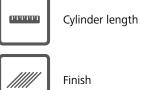
Glass door

The cylinder is ideally suited for use in glass doors and allows the cylinder to be locked and unlocked from the inside without a key.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 31 36 41 +5
Cylinder length on the inside I in mm	27 ¹ 31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Thumbturn shape	0K – Oval thumbturn aluminium 0KA – Oval thumbturn aluminium asym. AK – Allround thumbturn ATA – Adaptable Thumbturn Axis CK – D-line® thumbturn GK – Recessed grip thumbturn KK – Cone thumbturn MK – Metal knurl thumbturn N0K – Without thumbturn RK – Round thumbturn X1K – Oval thumbturn
Thumbturn finish	K-NI – Nickel K-MS – Brass K-NP – Polished Nickel K-MP – Polished Brass K-PS – Patinated Black K-PB – Patinated Brown
Optional security features	ARS – Protection against plug pulling and snapping CLA – Clasroom function KZ-A – Increased plug pulling and drilling protection outside PBP – Preteterminated Breaking Point SOS – SOS function SKG2-B – SKG ** certified both sides VDS – VdS certified ZH-B – Hard metal plug pulling protection both sides
Optional technical installation feature	BIF – Double cam Biffar® KS-A – Contact pin outside NS-A – Increased wear resistance outside SEW – Sea water protection SW-A – Dust and weather protection outside Z[] – Cog wheel cam ZVS-A – Reduced cylinder body outside
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring-loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6B 90 minutes ÖNORM B5351: WZ6-BZ BSI* ČSN EN 1627 - Security class 4 Option VdS BZ(+) Option SKG**
Technical installation situation	for mortise locks according to DIN, ÖNORM and surface mounted locks suitable for the installation of Euro profile cylinder locks Cam width 9.3 mm
Included components	Cylinder lock with mounting screw M5

Versions



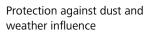
Finish

Important options



SOS function

SW





tested as per SKG guidelines

PBP

Predetermined outside breaking point

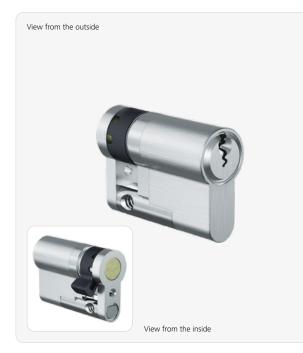
CLA Classroom **×**.

Versions see » Page 72 Options see »Page 74

Product code	M.[System].PZ.KZ.[Cylinder length on the outside A in mm/ Cylinder length on the inside I in mm].[Finish].[Thumbturn shape].[Thumbturn finish].[Option]
Example	EPS 5-pin thumbturn cylinder in Euro profile compact design, outside 31 mm, inside 36 mm, nickel finish, with nickel cone thumbturn and optional priority function: M.EPS5.PZ.KZ.31/K36. NI.KK.K-NI.SOS



EPS Euro profile SY-MO | Half cylinder HZ-S

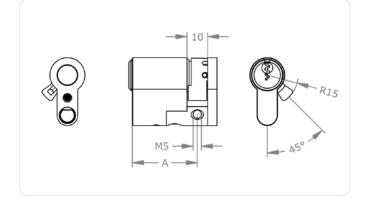


Standards and guidelines



Product description

The EPS euro profile half cylinder in modular design (SY-MO) with 8-fold adjustable cam is suitable for use in switching devices and in special technical doors. The cylinder can be locked from one side using the authorised keys. Application examples are key switches for garage doors, roller doors and activation devices.



Application examples



Always ready The cylinder is suitable for use in tubular safes to store a fire service key.



Switch and rule The cylinder is suitable for installation in switches for control of barrier systems.



Open sesame

The cylinder is suitable for use in garage doors to lock the garage lock.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	27 ¹ 31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	KZ-A – Increased plug pulling and drilling protection outside SKG2-A – SKG ** certified outside VDS – VdS certified
Optional technical installation feature	2GW[] – Double rear fixing for HZ FL1 – Free wheel function KS-A – Contact pin outside LW[] – Free travel NS-A – Increased wear resistance outside SEW – Sea water protection SW-A – Dust and weather protection outside Z[] – Cog wheel cam ZVS-A – Reduced cylinder body outside
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring-loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6D 90 minutes ÖNORM B5351: WZ6-BZ BSI* ČSN EN 1627 - Security class 4 Option VdS BZ(+) Option SKG** Option BSI***
Technical installation situation	For mortise locks according to DIN, ÖNORM, surface mounted locks and other devices suitable for the installation of Euro profile cylinder locks Cam width 9.3 mm
Included components	Cylinder lock with mounting screw M5

Versions



Cylinder length

Finish

Important options



SW

2 threaded holes

Protection against dust and weather influence



tested as per VdS guidelines

★★ SKG

tested as per SKG guidelines

BSI tested as per TS007 \heartsuit guidelines¹

increased pulling protection/ 30 drilling protection

Z10 Ö

KΖ

Cogwheel cam

Versions see >> Page 70 Options see »Page 74

Product code	M.[System].PZ.HZ-S.[Cylinder length on the outside A in mm]. [Finish].[Option]
Example	EPS 5-pin half cylinder in Euro profile modular design, 31 mm, nickel finish, with M4 thread option: M.EPS5.PZ.HZ-S.31. NI.2GW4

EPS Euro profile | Half cylinder HZ

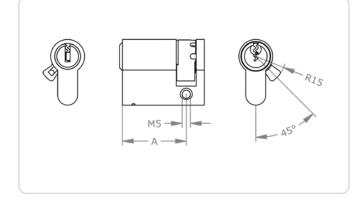


Standards and guidelines



Product description

The EPS Euro profile half cylinder in compact design with 8-fold adjustable cogwheel cam is suitable for use in switching devices and in special technical doors. The cylinder can be locked from one side using the authorised keys. Application examples are key switches for garage doors, roller doors and activation devices.



Application examples



Always ready The cylinder is suitable for use in tubular safes to store a fire service key.



Switch and rule The cylinder is suitable for installation in switches for control of barrier systems.



Open sesame

The cylinder is suitable for use in garage doors to lock the garage lock.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	FZG – Free wheel function for gear locks KZ-A – Increased plug pulling and drilling protection outside SKG2-A – SKG ** certified outside VDS – VdS certified
Optional technical installation feature	2GW[] – Double rear fixing for HZ FL1 – Free wheel function KS-A – Contact pin outside LW[] – Free travel NS-A – Increased wear resistance outside SEW – Sea water protection SW-A – Dust and weather protection outside Z[] – Cog wheel cam ZVS-A – Reduced cylinder body outside
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring-loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6B 90 minutes ÖNORM B5351: WZ6-BZ BSI* ČSN EN 1627 - Security class 4 Option VdS BZ(+) Option SKG**
Technical installation situation	For mortise locks according to DIN, ÖNORM, surface mounted locks and other devices suitable for the installation of Euro profile cylinder locks Cam width 9.3 mm
Included components	Cylinder lock with mounting screw M5

Versions



Cylinder length

Finish

Important options



SW

2 threaded holes

Protection against dust and weather influence



tested as per SKG guidelines

BSI tested as per TS007 guidelines¹

ΚZ

increased pulling protection/ drilling protection



Cogwheel cam

Versions see >> Page 70 Options see >> Page 74

📜 Ordering

Product code	M.[System].PZ.HZ.[Cylinder length on the outside A in mm]. [Finish].[Option]
Example	EPS 5-pin half cylinder in Euro profile compact design, 31 mm, nickel finish, with M4 thread option: M.EPS5.PZ.HZ.31.NI.2GW4

¹ EPS5 and EPS5M only

EPS Euro profile SY-MO | EMZY thumburn cylinder

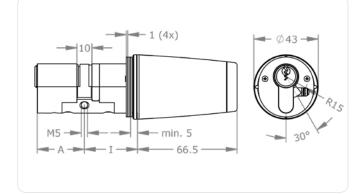


Standards and guidelines



Product description

The EMZY motorised cylinder locks doors automatically. The I/O box enables control via third-party systems. The cylinder is operated by a wall reader, a code keypad or directly with the integrated push button. On the opposite side, it is locked or released with an authorised key. Examples of applications are entrance doors, doors to sensitive areas or doors that must be open or closed at certain time intervals.



Application examples



Server room Sensitive areas are reliably secured by the forced lock-out element.



Suppliers' entrance An EMZY at the supplier entrance can be remotely operated via a push button.



Shared office During office hours EMZY will keep the main entrance open. Afterwards, it locks automatically.



Medical practice During opening hours, the EMZY opens the entrance door and then locks it again automatically.



System	EMZY/EPS5 EMZY/EPS5M EMZY/EPS6 EMZY/EPS6M
Cylinder length on the outside A in mm	31 36 41 + 5 mm
Cylinder length on the inside I in mm	31 36 41 + 5 mm
Finish	[NI] Nickel [NP] Polished Nickel [MP] Polished Brass [PS] Patinated Black [PB] Patinated Brown CR – Chrome
Thumbturn shape	EBT - EMZY Bluetooth
Thumbturn finish	K-NI – Nickel K-NP – Polished Nickel K-MP - Polished Brass K-PB - Patinated Brown K-PS - Patinated black K-CR - Chrome
cam	SEP – Euro profile SRP – Round profile BIF - Double cam Biffar® Z10 - Cogwheel Z10 Z18 Cogwheel Z18
Security feature options	BSZ - external key override SOS - SOS function
Button colour	SW – black WS – white
Additional certificate	SKG - certified according to SKG***
Accessories	Cable transition open Bolt contact, solid version Small magnetic reed contact Connection cable 10 m Terminal box Desktop power supply unit DIN rail power supply Timer Pin disassembly tool Bayonet disassembly tool
Compatible locks	Single-turn and multi-point locks Mortise locks in accordance with DIN, ÖNORM
Security features	Encrypted data transmission AES encryption
Standards and guidelines	CE certified IP54 protection rating EN1634-2
Technical installation situation	Hardware-independent with minimum width of 40 mm Solid leaf or tubular frame doors Interior thumbturn Backset ≥ 35 mm with standard-compliant door installation according to ÖNORM B3850, DIN 1810
Power supply	Power supply unit 24 VDC, 60W Distance EMZY to power supply unit max. 20 m Connection with terminal box
Operating conditions	Ambient temperature -20°C to +70°C Humidity < 90 %, non-condensing IP 54 protection rating
Interfaces	Bluetooth 5.0 (BLE) RS485 Door contact Bolt contact Door button Operating mode switch
Signals	RGB LEDs for visual indication of locking/unlocking process, locking status, error status
Included components	EMZY motorised thumbturn cylinder Profile base disc 4 spacer discs Assembly instructions Important information

Versions



Cylinder length

Finish

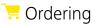
Important options



Double cam Biffar®

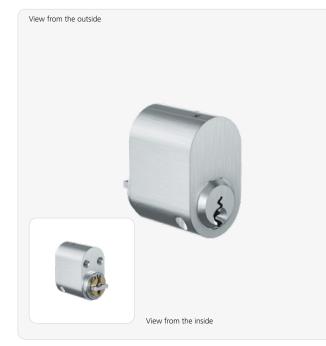


Cogwheel cam



Produktcode

EPS Scandinavian oval profile | SKA oval outside cylinder

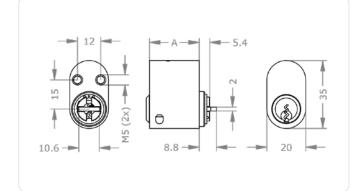


Standards and guidelines



Product description

The EPS Scandinavian oval outside cylinder is suitable for indoor and outdoor use. The cylinder can be locked from one side using the authorised keys. It is suitable for use with the Scandinavian oval inside cylinder. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.



Assembly tip

When installing, ensure that the protrusion is no more than 3 mm! >> Seite 71

Application examples



Outside door, outer side The cylinder is suitable for use on the outside of external doors featuring Scandinavian locks.



Inside door, outer side The cylinder is suitable for use on the outside of internal doors featuring Scandinavian locks.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	KZ-A – Increased plug pulling and drilling protection outside
Optional technical installation feature	NS-A – Increased wear resistance outside SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Cylinder length on the outside A in mm	Zylinderlänge außen A in mm
Security features	Pin tumbler system with 5, 6 or 7 active spring-loaded locking elements features in cylinder as protection against covert opening methods up to 20 additional side codes with integrated tampering control hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 160B0C6B SS 3522 class 3
Technical installation situation	For mortise locks, configured for Scandinavian cylinders For a higher security version with higher security category, see outside and inside cylinder AZ37.SEC
Included components	Cylinder lock without screws

Versions



Important options



Increased pulling protection/ drilling protection

NS T

Increased wear resistance

SEW

Seawater resistance

Versions see » Page 70 Options see » Page 74

Product code	M. [System].PZ.SKA.[Cylinder length on the outside A in mm]. [Finish].[Option]
Example	EPS 5-pin with Scandinavian oval profile outside cylinder, nickel finish and Vario: M.EPS5.PZ.SKA.31.NI.VAR

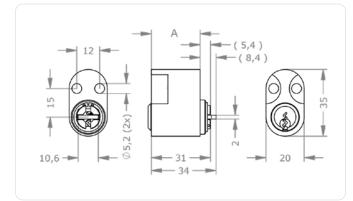
EPS Scandinavian oval profile | SKI oval inside cylinder



62

Product description

The EPS Scandinavian oval inside cylinder is suitable for indoor and outdoor use. The cylinder can be locked from one side using the authorised keys. It is suitable for use with the Scandinavian oval outside cylinder. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.



Assembly tip

When installing, ensure that the protrusion is no more than 3 mm! >> Seite 71

Application examples



Outer door inner side The cylinder is suitable for use on the inside of external doors featuring Scandinavian locks.



Inside door, inner side The cylinder is suitable for use on the inside of external doors featuring Scandinavian locks.



System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	KZ-I – Increased plug pulling and drilling protection inside
Optional technical installation feature	NS-I – Increased wear resistance inside SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5, EPS5M: 26 EPS6, EPS6M, EPS7: 31
Security features	Pin tumbler system with 5, 6 or 7 active spring-loaded locking elements features in cylinder as protection against covert opening methods up to 20 additional side codes with integrated tampering control hardened steel elements as drilling protection
Technical installation situation	For mortise locks, configured for Scandinavian cylinders For a higher security version with higher security category, see outside and inside cylinder IZ37-K.SEC
Included components	Cylinder lock with 2 M5x40 fixing screws

Versions

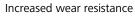


Important options



Increased pulling protection/ drilling protection

NS T



Profile cylinder

SEW

Seawater resistance

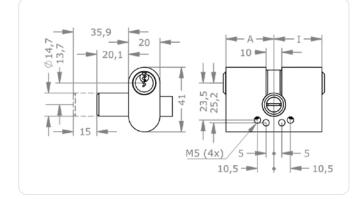
Versions see **>> Page 70** Options see **>> Page 74**

Product code	M.[System].PZ.SKI.[Cylinder length on the outside A in mm]. [Finish]
Example	EPS Scandinavian oval profile inside cylinder 5-pin, nickel finish: M.EPS5.PZ.SKI.31.NI

EPS Euro profile | Double cylinder PDZ



64



Product description

The EPS portal double cylinder in compact design is suitable for portal doors. It locks with an integrated bolt directly into the pre-arranged socket without an rim lock. The cylinder can be locked on both sides using an authorised key. Examples of applications are showcases and display windows.

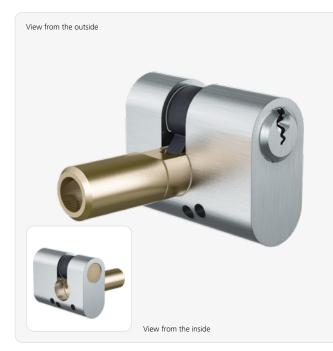
Technical information

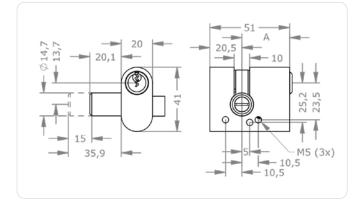
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	31 36
Cylinder length on the inside I in mm	31 36
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	BL-[] – blind cylinder NS-[] – Increased wear resistance SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use in portal doors without rim lock
Included components	Cylinder lock without screws

Product code	M.[System].PZ.PDZ.[Cylinder length on the outside A in mm/Cylinder length on the inside I in mm].[Finish].[Option]
Example	EPS 5-pin portal double cylinder, outside 31 mm, inside 36 mm, nickel finish, with VARIO option: M.EPS5.PZ.PDZ.31/36.NI.VAR



EPS portal | Half cylinder PHZ





Product description

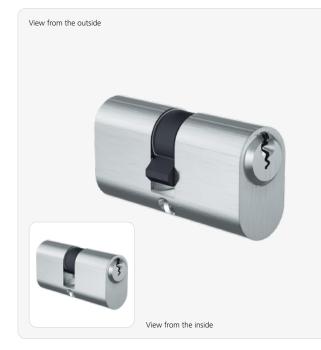
The EPS portal half cylinder in compact design is suitable for portal doors. It locks with an integrated bolt directly into the pre-arranged socket without an rim lock. The cylinder can be locked from one side using the authorised keys. Examples of applications are showcases and display windows.

Technical information

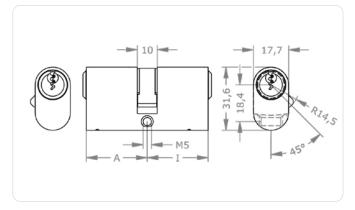
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	31
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	NS-A – Increased wear resistance outside SEW – Sea water protection
Optional usage feature	TVT Customer specific tout LVAD VADIO
J	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Accessories	Spray FinLube Cylinder fixing screw Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as

Product code	M.[System].PZ.PHZ.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS Portal half cylinder 5-pin, length 31 mm, nickel finish, seawater protection optional: M.EPS5.PZ.PHZ.31.NI.SEW

EPS UK oval profile | Double cylinder 0DZ



66



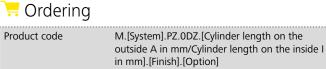
Product description

The EPS UK double cylinder in compact design is suitable for use in outside and inside doors with a suitable UK oval profile lock. The cylinder features

external key override. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.

Technical information

-	
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	31 36 41 +5
Cylinder length on the inside I in mm	31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	PBP – Preteterminated Breaking Point
Optional technical installation feature	BL-[] – blind cylinder NS-[] – Increased wear resistance SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Security features Technical installation situation	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as



Example

wear resistance SEW – Sea water protection
TXT – Customer-specific text VAR – VARIO
 Spray FinLube Cylinder fixing screw
Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
 For mortise locks suitable for UK oval profile Cam width 9.5 mm
Cylinder lock with mounting screw M5

EPS Oval profile double cylinder 5-pin, outside 31 mm, inside 36 mm, nickel finish, optional blind outside: M.EPS5.PZ.0DZ.31/36.NI.BL-A



EPS UK oval profile | Thumbturn cylinder OKZ



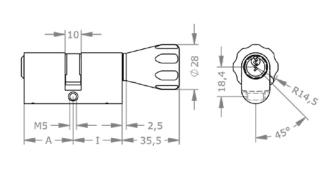


Illustration with standard knob KK - conical thumbturn

≓ Ordering

Product code	M.[System].PZ.0KZ.[Cylinder length on the outside A in mm/Cylinder length on the inside I in mm].[Finish].[Thumbturn shape].[Thumbturn finish].[Option]
Example	EPS 5-pin oval profile thumbturn cylinder, outside 31 mm, inside 36 mm, nickel finish, with KK thumbturn and optional priority function: M.EPS5.PZ.0KZ.31/K36.NI.KK.K-NI. SOS

Product description

The EPS British thumbturn cylinder in compact design is suitable for use in outside and inside doors with a suitable UK oval profile lock. The cylinder is locked on the outside with an authorised key and on the inside with a thumbturn. Examples of applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.

Technical information

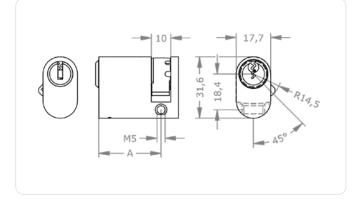
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	31 36 41 +5
Cylinder length on the inside I in mm	K31 K36 K41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Thumbturn shape	OK – Oval thumbturn aluminium OKA – Oval thumbturn aluminium asym. AK – Allround thumbturn ATA – Adaptable Thumbturn Axis CK – D-line® thumbturn GK – Recessed grip thumbturn KK – Cone thumbturn MK – Metal knurl thumbturn RK – Round thumbturn X1K – Oval thumbturn
Thumbturn finish	K-NI – Nickel K-MS – Brass K-NP – Polished Nickel K-MP – Polished Brass K-PS – Patinated Black K-PB – Patinated Brown
Optional security features	PBP – Preteterminated Breaking Point
Optional technical installation feature	NS-A – Increased wear resistance outside SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For mortise locks suitable for UK oval profile Cam width 9.5 mm
Included compo- nents	Cylinder lock with mounting screw M5

Profile cylinder

EPS UK oval profile | Half cylinder OHZ



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Product description

The EPS British half cylinder in compact design with 8-way adjustable cogwheel cam is suitable for use in switching devices and in special doors with a suitable UK oval profile lock. The cylinder can be locked from one side using the authorised keys. Application examples are key switches for garage doors, roller doors and activation devices.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	31 36 41 +5
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	NS-A – Increased wear resistance outside SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube Cylinder fixing screw
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For mortise locks with UK oval profile Cam width 9.0 mm
Included components	Cylinder lock with mounting screw M5

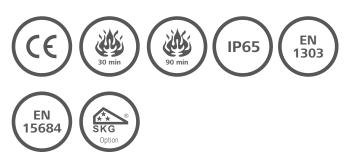
Product code	M.[System].PZ.0HZ.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin val profile half cylinder, length 31 mm, nickel finish, seawater protection optional:
	M.EPS5.PZ.0HZ.31.NI.SEW



EPS Hybrid cylinder | Double cylinder Euro profile SY-MO DZ-S



Standards and guidelines

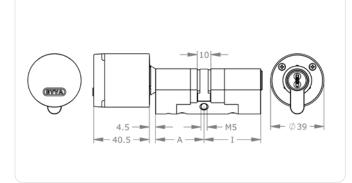


Product description

The hybrid cylinder with access from both sides is the ideal solution for interior and exterior doors in areas with the highest security requirements and is also suitable for installation in fire doors.

Technical information

System	A/EPS5 – AirKey-EPS (5-pin) hybrid cylinder A/EPS5M – AirKey-EPS trademark protection (5-pin) hybrid cylinder A/EPS6 – AirKey-EPS (6-pin) hybrid cylinder A/EPS6M – AirKey-EPS trademark protection (6-pin) hybrid cylinderX/ EPS5 – Xesar EPS (5-pin) hybrid cylinder X/ EPS5M – Xesar EPS trademark protection (5-pin) hybrid cylinder X/EPS6 – Xesar EPS (6-pin) hybrid cylinder X/EPS6M – Xesar-EPS trademark protection (6-pin) hybrid cylinder
Cylinder length on the outside A in mm	
Cylinder length on the inside I in mm	
Finish	NI – Nickel NP – Polished Nickel MP – Polished brass PS – Patinated black PB – Patinated brown
Further information	



Application examples



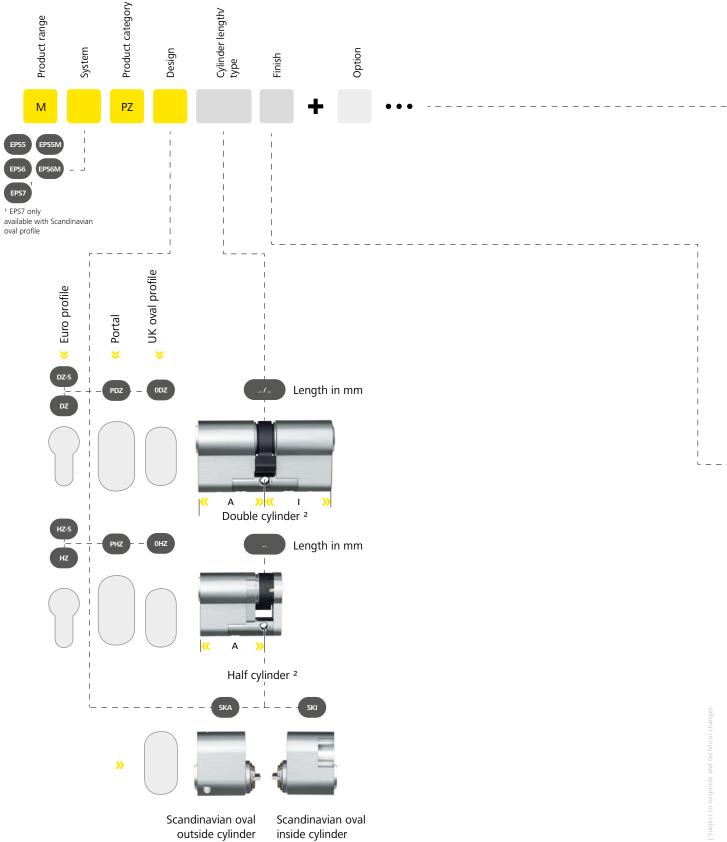
Protection against burglary The mechanical cylinder on the inside is protected against manipulation from the outside.



Combi key

One key locks mechanical and electronic systems.

EPS profile cylinder | Versions



² Cylinder depictions in Euro profile. Also available in portal profile and UK oval profile.



Note on additional options A,I,B

- > A Function only on the outside of the cylinder
- > I Function only on the inside of the cylinder
- > B Function on both sides

Availability of options depends on type • Available:	AS-A	BIF 2	BL-A	BL-I	BSZ	FZG	KZ-A	KZ-I	KZ-B	NS-A	I-SN	NS-B	SEW	SKG2-A	SKG2-I	SKG2-B	SW-A	I-WS	SW-B	HSU	VAR	VDS	Z10	Z18	ZVS-A	ZVS-I	ZVS-B
PZ.DZ-S	•	•	Ð	•	•		•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•	•
PZ.DZ		•	Ð	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•	•
PZ.HZ-S							•			•			•	•			•					•	•	•	•		
PZ.HZ						•	•			•			•	•			•				•		•	•	•		
PZ.SKA							•			•			•								•						
PZ.SKI								•			•		•								•						
PZ.PDZ		(•						•	•	•	•							•	•						
PZ.PHZ										•			•								•						
PZ.0DZ		(Ð	•						•	•	•	•							•	•						
PZ.0HZ										•			•								•						

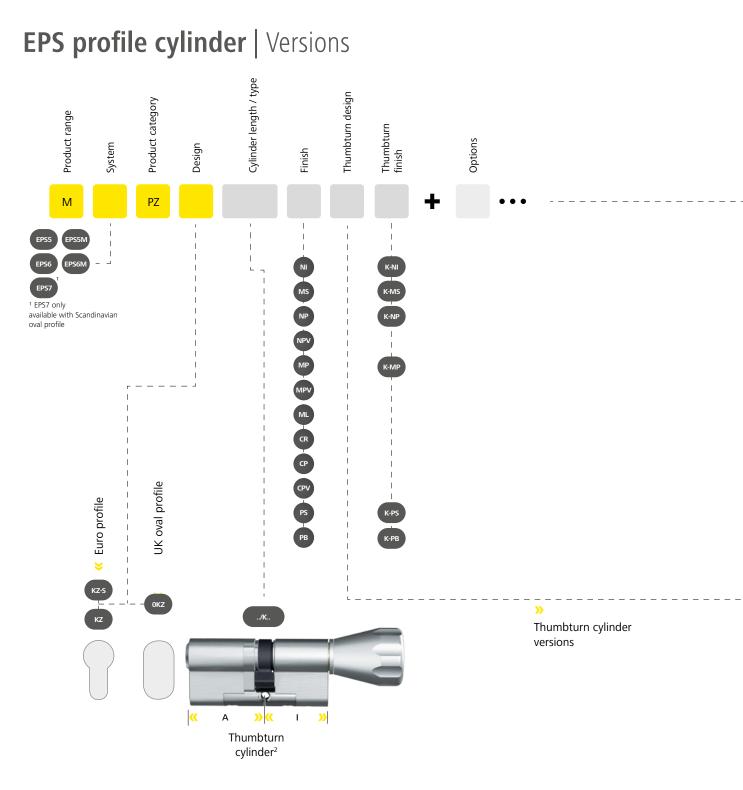




Correct cylinder lengths:

- Cylinder lengths A or I are measured from the centre of the cylinder screw to the edge of the body.
- > The selected cylinder length must not protrude from the escutcheon by more than 3 mm.



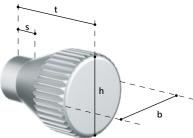


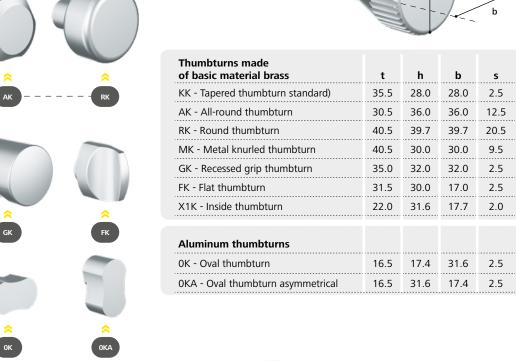


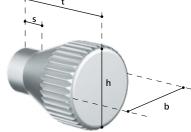
Note on additional options A,I,B

- > A Function only on the outside of the cylinder
- > I Function only on the inside of the cylinder
- **>** B Function on both sides

SYMO availability of options depends on type • Available:	AS-A	BIF	CLA	KZ-A	NS-A	SEW	SKG2-A	SOS	SW-A	VAR	VDS	Z10	Z18	ZVS-A
PZ.KZ-S	•	•		•	•	•	•	•	•	•	•	•	•	٠
PZ.KZ		•	•	•	•	•	•	•	•	•		•	•	٠







Thumbturns made				
of basic material brass	t	h	b	S
KK - Tapered thumbturn standard)	35.5	28.0	28.0	2.5
AK - All-round thumbturn	30.5	36.0	36.0	12.5
RK - Round thumbturn	40.5	39.7	39.7	20.5
MK - Metal knurled thumbturn	40.5	30.0	30.0	9.5
GK - Recessed grip thumbturn	35.0	32.0	32.0	2.5
FK - Flat thumbturn	31.5	30.0	17.0	2.5
X1K - Inside thumbturn	22.0	31.6	17.7	2.0
Aluminum thumbturns				
0K - Oval thumbturn	16.5	17.4	31.6	2.5
0KA - Oval thumbturn asymmetrical	16.5	31.6	17.4	2.5

ATA - adaptable thumbturn axis Axis diameter: 8 mm Axis length: 65 mm

ATA



Without

thumbturn

NOK

Suitable options/accessories > see next page

мк

х1к

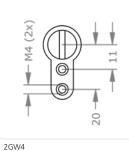
EPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



2GW[...] – Double rear fixing for HZ

2 threaded holes at the rear with	M3, M4 or M5 for fastening half cylinders.
Variants	2GW3 – Double rear fixing M3 for HZ 2GW4 – Double rear fixing M4 for HZ 2GW5 – Double rear fixing M5 for HZ
Product code	2GW[]
Ordering example for option	M.[System].PZ.HZ-S.31.NI.2GW4





ARS – Protection against plug pulling and snapping

This anti-snap protection provides optimum protection against breaking, tearing off and twisting off the cylinder and its components. Product code ARS Ordering example for option M.[System].PZ.DZ.31/31.NI.ARS



Sample illustration

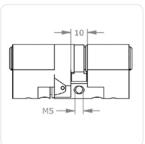


AS-A – Anti-Snap outer side

The cylinder breaks off at a defined breaking point during a break-in attempt. The attack is registered and the remaining cylinder is blocked and rendered unusable. Without a noisy milling machine, there is no way forward. For use with security escutcheons without cylinder cover.

Technical specifications	Anti-snap module made of hardened steel Outer side from 41 mm
Product code	AS-A
Ordering example for option	M. [System]. PZ. DZ-S. 41/31. NI. AS-A





Sample illustration

Sample illustration

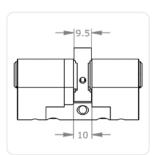




BIF – Double cam Biffar®

Cam with two teeth. For use in Biffar® doors.							
Product code	BIF						
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.BIF						







Sample illustration

Sample illustration

Sample illustration



BL-[...] – blind cylinder

The blind cylinder side is made entirely of body material, it has no locking function and is not suitable for use on the attack side of burglary-resistant doors.

J	Variants	BL-A – blind outside Bl-I – blind inside BL-B – blind both sides
	Product code	BL-[]
	Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.BL-A





Sample illustration



BSZ – External key override

Ideal in hazardous situations. Enables the cylinder lock to be unlocked even when an authorised key has been inserted on the opposite side. The system also prevents authorised users from accidentally locking themselves out with the key inserted on the other side.

Product code	BSZ
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.BSZ



EPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



CLA – Clasroom function

For doors with thumbturn cylinders that must not be locked using the thumbturn. For instance, in classrooms. You can open the door from the inside using the thumbturn, but you can't lock it. The key on the outside features a priority function that can also operate the cylinder if the thumbturn on the inside has been locked.

Technical specifications	Adjustable for left/right doors
Product code	CLA
Ordering example for option	M.[System].PZ.KZ-S.31/K36.NI.CK.K-NI.CLA



FIN[...] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

Variants	0088002458 – Finlube 100ml 0088002431 – Finlube 300ml 0088002423 – Finlube 500ml
Product code	M.TE[0088002458, 0088002431, 0088002423]
Ordering example for accessories	M.TE.0088002431



Sample illustration



FL1 – Free wheel function

The simple free-wheel function FL1 allows the cam to rotate freely when the key is removed without forced decoupling of the cam, as is required for FZG.

Product code	FL1
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.FL1



FZG – Free wheel function for gear locks

For gear locks with panic function if a free-wheel function is explicitly required by the lock manufacturer. Cylinder lock with 360 degreefree-wheel cam when key is not inserted. Coupling engaged when the key tip is inserted.Technical specificationsForced decoupling of the cam | tested in accordance with the PIV guidelines.

Product code	FZG
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.FZG





GEF – Emergency key function

The double cylinder can be locked with a special security key, even if an authorised key is inserted in any position on the opposite side.

J	Technical specifications	for DC ≥ 31/31
	Product code	GEF
	Ordering example for option	M.[System].PZ.DZ.31/31.NI.GEF







H0T-A - Hotel function outside

The double cylinder can be locked with a special hotel key (HOT), even if an authorised key is inserted in any position on the opposite side. In addition, the presence of a key inserted on the opposite side is indicated on the outside (HOT side) by means of a red signal pin (occupied indicator).

Technical specifications	for DC ≥ 31/31
Product code	HOT-A
Ordering example for option	M.[System].PZ.DZ.31/31.NI.HOT-A





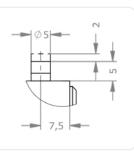


KS-[...] – Contact pin

The cylinder has a contact	pin for activating an external microswitch.
The cylinder has a contact	pin for activating an external interostricen.

Variants	KS-A – Contact pin outside KS-I – Contact pin inside KS-B – Contact pin both sides
Product code	KS-A, KS-I, KS-B
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.KS-A





Sample illustration

EPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



KZ-[...] – Increased plug pulling and drilling protection

Enhanced plug pulling and drilling protection thanks to special carbide elements for doors with increased security risk. Examples are side entrances and other doors in difficult to see access situations.

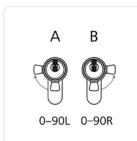
,	Variants	KZ-A – Increased plug pulling and drilling protection outside KZ-I – Increased plug pulling and drilling protection inside KZ-B – Increased plug pulling and drilling protection both sides
	Technical specifications	Special carbide elements in plug and body Complies with VdS guidelines for mechanical locking cylinders 2156-1 for the attack methods of drilling and plug pulling
	Product code	KZ-A, KZ-I, KZ-B
	Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.KZ-A

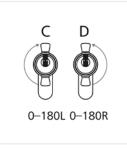


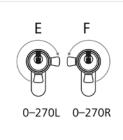
LW[...] – Free travel

For use in switches or locking elements where the cam cannot be turned 360°, but where the key should be withdrawn again. With free travel, the cam is not carried through the entire 360° of key movement, but only over a defined range.

Variants	LWA – Cam Drive left 0°–90° LWB – Cam Drive right 0°–90° LWC – Cam Drive left 0°–180° LWD – Cam Drive right 0°–180° LWE – Cam Drive left 0°–270° LWF – Cam Drive right 0°–270° LWG – Cam Drive right/left 0°–90° LWH – Cam Drive right 45°– left 90° LWI – Cam Drive left 45°– right 90°
Product code	LWA, LWB, LWC, LWD, LWE, LWF, LWG, LWH, LWI
Ordering example for option	M.[System].PZ.HZ-S.31.NI.LWA

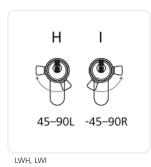








LWA, LWB



LWC, LWD

LWE, LWF





NS-[...] – Increased wear resistance

Through the use of special nickel silver alloy in the cylinder plug, the cylinder lock withstands increased stresses, such as those occurring in central cylinders in frequently locked house entrance doors.

Product code	NS-A, NS-I, NS-B
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.NS-A





PBP – Preteterminated Breaking Point

The cylinder breaks off at a defined breaking point in the event of a break-in attempt. An supplementary drilling protection is located

behind the break-off point. A break-in	is not possible without noisy tools. For use with escutcheons without cylinder cover.
Product code	PBP
Ordering example for option	M.[System].PZ.DZ.31/31.NI.PBP



SOS – SOS function

Ð	The cylinder side to be operated using the key is provided with a priority function.	
	Product code	SOS
	Ordering example for option	M.[System].PZ.KZ-S.31/K36.NI.KK.K-NI.SOS



EPS profile cylinder Options & Accessories



SEW - Sea water protection

Corrosion-susceptible cylinder parts are supplied with a special surface treatment. For cylinders exposed to more severe environmental influences.

J	Product code	SEW
	Ordering example for option	M.[System].PZ.DZ-S.31/36.NI.SEW



Sample illustration



SKG2-[...] - SKG ** certified

SKG-certified cylinder lock with increased resistance to destructive and covert opening techniques. For installation in high-risk security areas.

Variants	SKG2-A – SKG ** certified outside SKG2-I – SKG ** certified inside SKG2-B – SKG ** certified both sides
Product code	SKG2-A, SKG2-I, SKG2-B
Ordering example for option	M.[System].PZ.DZ.31/31.NI.SKG2-A



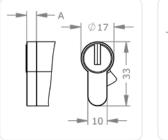


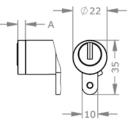


SW-[...] - Dust and weather cover

For applications in exposed locations and very dirty environments. Locking elements protect the keyway from contamination.

Technical specifications	FPS.PZ A=3,7 mm EPS.PZ A=3,7 mm ICS.PZ A=5,0 mm 4KS.PZ A=3,3 mm MCS.PZ A=5,2 mm
Product code	SW-A, SW-I, SW-B
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.SW-A





Sample illustration

Sample illustration



TXT – Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number.

Product code	IXI
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration



VAR - VARIO

If you need to immediately restore security. If keys have been lost or stolen, VARIO-B keys are capable of reconfiguring the cylinder lock once so that lost or stolen keys are no longer operational.

Product code	VAR
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.VAR



Sample illustration

EPS profile cylinder Options & Accessories



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VDS - VdS certified

VdS-certified cylinder lock with increased resistance to destructive and covert opening techniques. For installation in high-risk security areas.

Product code	VDS
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.VDS





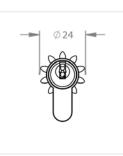
Z[...] – Cog wheel cam

These cylinder locks are designed for multi-point locks, bolt locks or special mortise locks that are operated via a geared ring or a toothed rack.

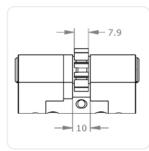
Variants	Z10 – Cog wheel cam Z10 Z14 – Cogwheel cam Z14 Z18 – Cogwheel cam Z18
Technical specifications	Diameter 24 mm, 10 teeth Diameter 30 mm, 18 teeth
Product code	Z10, Z18
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.Z10



Sample illustration Z10



Sample illustration Z10



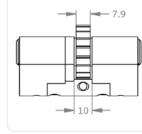
Sample illustration Z10



Sample illustration Z18



Sample illustration Z18



Sample illustration Z18





ZH-B – Hard metal plug pulling protection both sides

ł	Cylinder with carbide drill protection to comply with EN 1303:2015 pulling protection	
1	Product code	ZH-B
	Ordering example for option	M.[System].PZ.DZ.31/31.NI.ZH-B



ZS[...] – Cylinder fixing screw

L	Cylinder fastening screw for mountin	ng the profile cylinder in the mortise lock
l	Technical specifications	M5 Lengths in mm: 50, 60, 70, 80, 90, 100 Countersunk head PH2 drive
	Product code	ZS50, ZS60, ZS70, ZS80, ZS90, ZS100,
	Ordering example for accessories	M.ZU.ZS90





ZVS-[...] – Reduced cylinder body

Cylinder lock with reduced body, e.c	g. for use in special metal frame doors with integrated protective escutcheon.
Variants	ZVS-A – Reduced cylinder body outside ZVS-I – Reduced cylinder body inside ZVS-B – Reduced cylinder body both sides
Product code	ZVS-A, ZVS-I, ZVS-B
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.ZVS-A



Sample illustration

EPS | PRODUCT CATALOGUE PLOCK | BENEFITS | TYPES | VERSIONS | OPTIONS & ACCESSORIES



Padlock



Practical supplementary security devices Tried and tested protection for numerous cellar sections.



Controlled access Reliable protection for exposed locations.

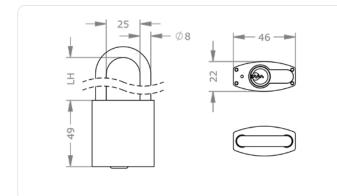


Hard-wearing Optional protection against weather and mechanical attack.

Padlocks

EPS padlock | HM24-S





Product description

The EPS padlock HM24-S with inserted cylinder module has a hardened steel shackle with a clearance width of 24 mm. It is suitable for securing doors or objects that are equipped with hasps or eyelets. Examples of applications are roller shutters, barrier systems, chain fastenings and barrier fences.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Niro/steel shackle variant, clear height in mm	S15 S30 N30 N40 N50 N60 N70 N80 N90 N100 N120 N150 N180 N200
Finish	NI – Nickel
Optional security features	BS – Shackle protection
Optional technical installation feature	SW-A – Dust and weather protection outside
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use on doors with hasp and eyelet or for securing containers or chains.
Included components	Padlock

Cellar doors Hasps and padlocks secure doors that do not have a lock, such as cellar doors.



Barriers

Effective protection against unauthorised opening and closing of barriers.

📜 Ordering

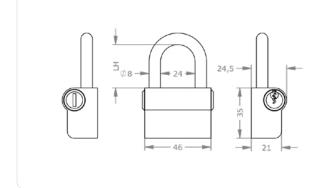
Product code	M.[System].HA.HM24-S.[S/N clear height in mm].[Finish].[Option]
Example	EPS padlock 5-pin HM24-S, with stainless steel shackle, clearance height of 50 mm, nickel finish, with dust and weather protection: M.EPS5.HA.HM24-S.N50.NI.SW-A

Application examples



EPS padlock | H24





Product description

The EPS padlock H24 has a hardened steel shackle with 24 mm clearance width. It is suitable for securing doors or objects that are equipped with hasps or eyelets. Examples of applications are roller shutters, barrier systems, chain fastenings and barrier fences.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Niro/steel shackle variant, clear height in mm	S15A S30 S40 S50 S60 S70 S80 S90 S100 S150 S180 S200 N15A N30 N40 N50 N60 N70 N80 N100 N110 N120 N165
Finish	NI – Nickel
Optional technical installation feature	RL – Drain hole
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use on doors with hasp and eyelet or for securing containers or chains.
Included components	Padlock

Application examples



Cellar doors Hasps and padlocks secure doors that do not have a lock, such as cellar doors.



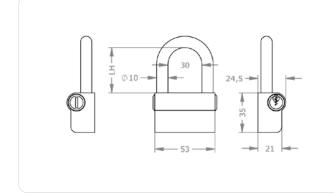
Barriers

Effective protection against unauthorised opening and closing of barriers.

Product code	M.[System].HA.H24.[S/N clear height in mm]. [Finish].[Option]
Example	EPS padlock 5-pin H24, with stainless steel shackle, clearance height of 50 mm, nickel finish and rain drain hole: M.EPS5.HA.H24.N50. NI.RL

EPS padlock | H30





Product description

The EPS padlock H30 has a shackle with a clearance width of 30 mm and is made of hardened steel. It is suitable for securing doors or objects that are equipped with hasps or eyelets. Examples of applications are roller shutters, barrier systems, chain fastenings and barrier fences.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Niro/steel shackle variant, clear height in mm	S20A S40 S50 S60 S80 S100 S120 S150 S165 S200 S240 N20A N40 N50 N60 N80 N100 N110 N120 N150 N165 N200 N240
Finish	NI – Nickel
Optional technical installation feature	RL – Drain hole
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use on doors with hasp and eyelet or for securing containers or chains.
Included components	Padlock

Application examples



Cellar doors Hasp and padlock secure doors that do not have a locks such as cellar doors.



Barriers

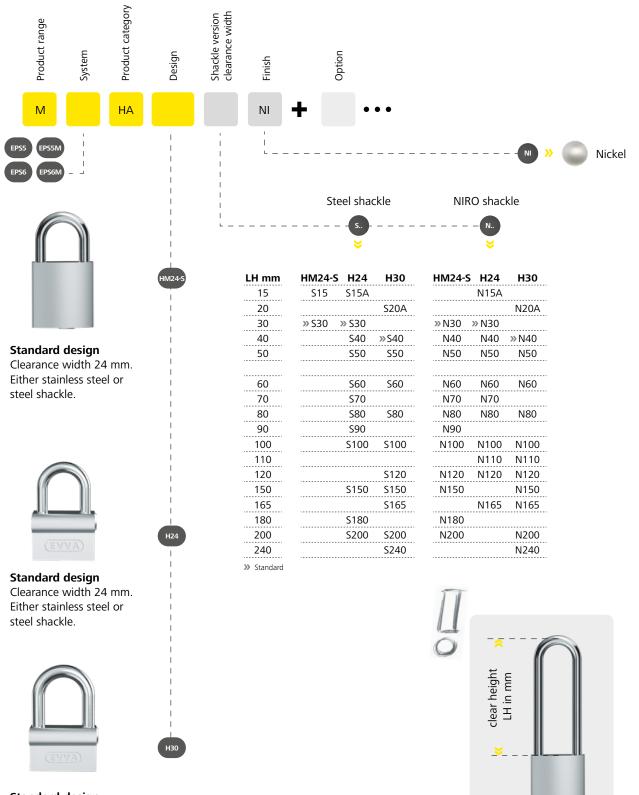
Effective protection against unauthorised opening and closing of barriers.

Product code	M.[System].HA.H30.[S/N clear height in mm]. [Finish].[Option]
Example	EPS padlock 5-pin H30, with stainless steel shackle, clearance height of 50 mm, nickel finish and rain drain hole: M.EPS5.HA.H30.N50. NI.RL

📜 Ordering







Standard design Clearance width 30 mm. Either stainless steel or steel shackle. **Padlocks**

EPS padlocks Options & Accessories



BS – Shackle protection

The shackle protection BS increases the security of the HM24-S to a maximum. The combination of shortened shackle made of hardened steel and surrounding shackle protection makes an attack with break-in tools (bolt cutters) extremely difficult.

Technical specifications	Hardened steel short shackle
Product code	BS
Ordering example for option	M.[System].HA.HM24-S.S17.NI.BS







RL – Drain hole

Drainage hole in padlock bodies for draining rain and condensation water.	
Product code	RL
Ordering example for option	M.[System].HA.H24.N30.NI.RL



TXT - Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number. Product code TXT Ordering example for option M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration

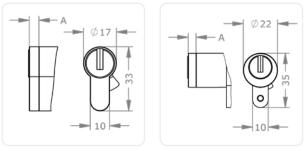


SW	

SW-[...] – Dust and weather cover

For applications in exposed locations and very dirty environments. Locking elements protect the keyway from contamination.

Technical specifications	FPS.PZ A=3,7 mm EPS.PZ A=3,7 mm ICS.PZ A=5,0 mm 4KS.PZ A=3,3 mm MCS.PZ A=5,2 mm
Product code	SW-A, SW-I, SW-B
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.SW-A



Sample illustration

Sample illustration





Cam lock



Locking direction can be selected

Depending on the installation position, the locking direction can be defined as required.



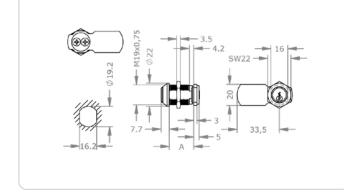
Simple installation Quick installation using fixing plates or nut.



Many cams Different types for versatile installation situations.

EPS cam lock | MB19-S





Application examples



Securely informed

Can be used in message boxes and can also be integrated into a master key ystem.

One for all

Lock the apartment door and mailbox with just one key. This cam lock makes it possible.

Product description

The EPS cam lock MB19-S locks boxes and display cases using a cam at the rear. It is suitable for a hole pattern larger than 19 mm, is flattened on the side and is fastened at the rear by a flat nut. Application examples are key boxes and letter boxes, display cases and technical distribution cabinets.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	23 28 33
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	0SN – Without cam ST[] – Locking direction A-H
Lever options	H[][A] – Cam for metal boxes and display cases HB[][A] – Cam for mail boxes
Optional usage feature	B[] – 2 key extracting positions TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 19 mm flattened on the side rear mounted with a flat nut locking cam according to dimensional drawing for use in key cabinets, mailboxes as well as other metal sheet cabinets
Included components	Cylinder lock assembled with fastening nut and standard cam H7233 or optional cam

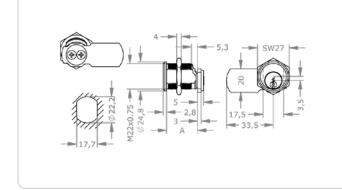
≓ Bestellen

Product code	M.[System].HB.MB19-S.[Cylinder length on the
	outside A in mm].[Finish].[Option]
Example	EPS 5-pin cam lock, diameter 19 mm, length 23 mm, nickel finish, 2 key extracting positions at the bottom and left: M.EPS5.HB.MB19-S.23. NI.B01



EPS cam lock | MB22





Application examples



Distribution cabinets With this cam lock, even

technical distribution cabinets can be integrated into the master key system.

Product description

The EPS cam lock MB22 locks boxes and cabinets with a cam on the rear. It is suitable for a hole pattern larger than 22 mm, is flattened on the side and fastened at the rear by a flat nut. Application examples are key boxes and letter boxes, display cases and technical distribution cabinets.

Technical information

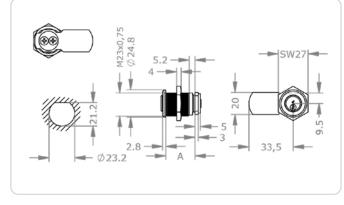
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 32 37
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	OSN – Without cam GKGT – Door knob 38 mm for glass doors GTA[] – Glass door plate wide GTB[] – Glass door plate high SR22 – Dust and weather protection cover ST[] – Locking direction A-H
Lever options	H[][A] – Cam for metal boxes and display cases HB[][A] – Cam for mail boxes
Optional usage feature	B[] – 2 key extracting positions TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 22 mm flattened on the side rear mounted with a flat nut locking cam according to dimensional drawing for use in key boxes, mailboxes and other sheet metal cabinets
Included components	Cylinder lock assembled with fastening nut and standard cam H7233 or optional cam



Product code	M.[System].HB.MB22 ² .[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin cam lock, diameter 22 mm, length 27 mm, nickel finish, 2 key extracting positions at the bottom and left: M.EPS5.HB.MB22.27. NI.B01

EPS cam lock | MB23MB-S





Product description

The EPS cam lock MB23MB-S locks boxes and cabinets via a centric cam on the rear. It fits a hole pattern larger than 23 mm, is flattened at the top and fastened at the back by a flat nut. Application examples are key boxes and letter boxes, display cases and technical distribution cabinets.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 32
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Lever options	H[][A] – Cam for metal boxes and display cases HB[][A] – Cam for mail boxes
Optional usage feature	B[] – 2 key extracting positions TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 23 mm flattened at the top rear mounted with a flat nut locking cam according to dimensional drawing for use in key boxes, mailboxes and other sheet metal cabinets

Application examples



Keys well guarded Access to the key guard control unit is securely blocked with this cylinder.

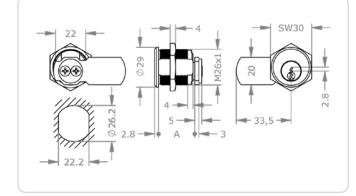
Bestellen .

Product code	M.[System].HB.MB23MB-S.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin cam lock, diameter 23 mm, length 27 mm, nickel finish, centred plug, 2 key extracting positions at the bottom and left: M.EPS5.HB.MB23MB-S.27.NI.B01



EPS cam lock | MB26





Application examples



Product description

The EPS cam lock MB26 locks boxes and cabinets with a cam at the rear. It fits a hole pattern larger than 26 mm, is flattened on the side and is fastened at the rear by a flat nut. Application examples are key boxes and letter boxes, display cases and technical distribution cabinets.

Technical information

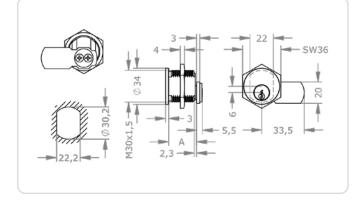
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 32 37
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	0SN – Without cam ST[] – Locking direction A-H
Lever options	H[][A] – Cam for metal boxes and display cases HB[][A] – Cam for mail boxes
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 26 mm flattened on the side rear mounted with a flat nut locking cam according to dimensional drawing for use in key boxes, mailboxes and other sheet metal cabinets
Included components	Cylinder lock assembled with fastening nut and standard cam H7233 or optional cam



Product code	M.[System].HB.MB26.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS cam lock 5-pin, diameter 26 mm, length 27 mm, nickel finish: M.EPS5.HB.MB26.27.NI

EPS cam lock | MB30





Application examples



Distribution cabinets With this cam lock, even technical distribution cabinets can be integrated into the master key system.



Forced lock-out

Combine the cam lock with a cogwheel cam and you can control the issue of keys.

Product description

The EPS cam lock MB30 locks boxes and cabinets with a cam at the rear. It fits a hole pattern larger than 30 mm, is flattened on the side and is fastened at the rear by a flat nut. Application examples are key boxes and letter boxes, display cases and technical distribution cabinets.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	261 31 36
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	0SN – Without cam ST[] – Locking direction A-H
Lever options	H[][A] – Cam for metal boxes and display cases HB[][A] – Cam for mail boxes
Optional usage feature	B[] – 2 key extracting positions TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 30 mm flattened at the side rear mounted with a flat nut locking cam according to dimensional drawing for use in key boxes, mailboxes and other sheet metal cabinets
Included components	Cylinder lock assembled with fastening nut and standard cam H7233 or optional cam

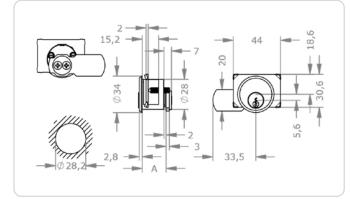
📜 Bestellen

Product code	M.[System].HB.MB30.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin cam lock, diameter 30 mm, length 26 mm, nickel finish, without cam: M.EPS5. HB.MB30.26.NI.0SN



EPS cam lock | MB28ZB





Application examples



One for all

Lock the apartment door and mailbox with just one key. This cam lock makes it possible.

Product description

The EPS cam lock MB28ZB locks emergency key boxes and house mailbox systems with a cam on the rear. It fits a hole pattern larger than 28 mm and is fastened at the rear with a fixing plate and threaded pins. Further application examples are letter boxes and technical distribution cabinets.

Technical information

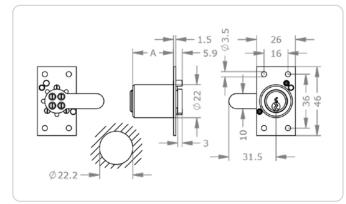
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	221 27
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	OSN – Without cam R050 – Escutcheon 50 mm ST[] – Locking direction A-H SW-A – Dust and weather protection outside
Lever options	H[][A] – Cam for metal boxes and display cases HB[][A] – Cam for mail boxes
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For use in key and mailboxes and other metal cabinets
Included components	Cylinder lock with assembled fixing plate and standard cam H7233 or optional cam



Product code	M.[System].HB.MB28ZB ² .[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin cam lock, diameter 28 mm, length 27 mm, nickel finish, 2 key extracting positions at the bottom and left: M.EPS5.HB.MB28ZB.23. NI.B01

EPS cam lock | MR22R-S





Product description

The EPS cam lock MR22R-S locks boxes and display cases using a cam at the rear. It fits a hole pattern larger than 22 mm and is fastened at the rear by a fixing plate. Examples of applications are display cabinets and wooden furniture.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 32 37 42 47 57 67
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	B[] – 2 key extracting positions TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 22 mm rear mounted with a fastening plate locking cam according to dimensional drawing for use in showcases, furniture doors and other wooden boxes
Included components	Cam lock with mounted rectangular fixing plate

Application examples



Secure without a lock This cam lock replaces a furniture lock and locks all types of furniture doors.

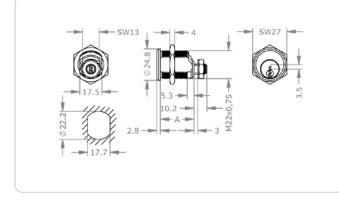


M.[System].HB.MR22R-S.[Cylinder length on the outside A in mm].[Finish].[Option] EPS 5-pin cam lock, diameter 22 mm, length 27 mm, nickel finish, with fixing plate, 2 key extracting positions at the bottom and left: M.EPS5.HB.MR22R-S.27.NI.B01



EPS cam lock | MB22K





Application examples



Product description

The EPS cam lock MB22K locks boxes and cabinets with a rear 8 mm linkage. It fits a hole pattern larger than 22 mm, is flattened on the side and is fastened at the rear by a flat nut. Examples of applications are lockers and metal cabinets.

Technical information

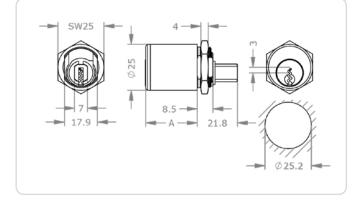
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	271 32 37
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	GKGT – Door knob 38 mm for glass doors SR22 – Dust and weather protection cover ST[] – Locking direction A-H
Optional usage feature	B[] – 2 key extracting positions TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Hole pattern larger than 22 mm flattened on the side rear mounted with a flat nut for use in key boxes, mailboxes and other sheet metal cabinets
Included components	Cylinder lock with fixing nuts for cylinder and cam; also without cam



Product code	M.[System].HB.MB22K ² .[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin cam lock 22 mm diameter, length 27 mm, nickel finish, 2 key extracting positions at the bottom and left: M.EPS5.HB.MB22K.27. NI.B01

EPS coin operated lock cylinder | DPM25





Application examples



Coin in and secure The coin operated lock cylinder makes it easy to lock lockers in cloakroom systems.

Product description

Coin operated locks are secured by the EPS cam lock DPM25 with flattened on the side plug end. It fits a hole pattern larger than 25 mm, is flattened on the side and is fastened at the rear by a flat nut. Examples of applications are coin operated locks.

Technical information

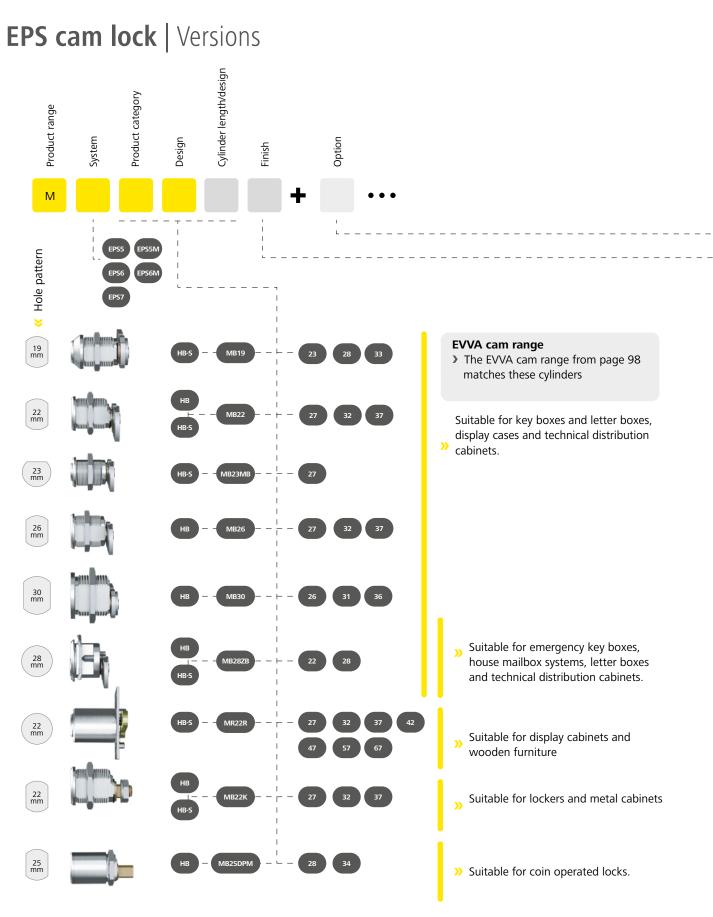
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	281 34
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	DPM[] – Coin operated lock Depomat® LI – Left RE – Right
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	In combination with a Depomat coin operated lock



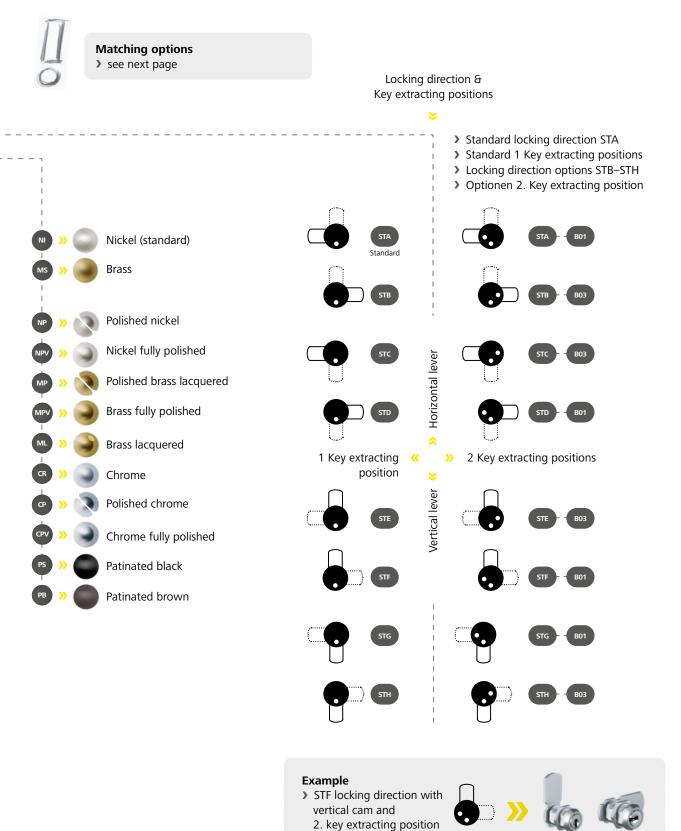
Example

M.[System].HB.DPM25.[Cylinder length on the outside A in mm].[Finish].[Option]
EPS 5-pin coin operated lock cylinder, diameter 25 mm, length 28 mm, nickel finish, right version: M.EPS5.HB.DPM25.28.NI.RE









in open state B01

Closed

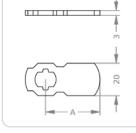
Open

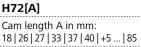
EPS cam lock | Options and Accessories

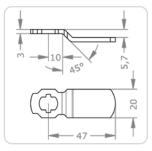
Illustrations and ordering examples are shown in deviating systems.



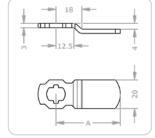
Horizontal EVVA locking cams for sheet metal panel boxes and display cabinets.



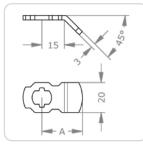




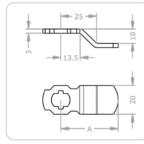
H98[A] Cam length in mm: 47



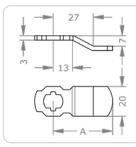
H87[A] Cam length A in mm: 33 | 40 | 45 | 65



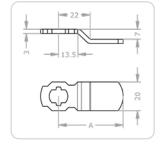
H89[A] Cam length A in mm: 27



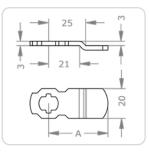
H92[A] Cam length A in mm: 41 | 48 | 52



H91[A] Cam length A in mm: 39 | 59 | 65



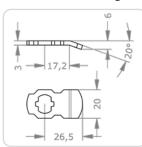
H95[A] Cam length A in mm: 45 | 50



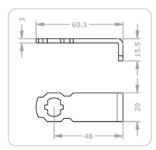
H97[A] Cam length A in mm: 33 | 37 | 40 | 45 | 50 | 55 | 70



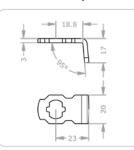
Vertical EVVA locking cams for sheet metal panel boxes and display cabinets.



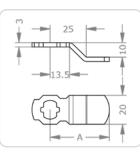
H6326 Cam length in mm: 26



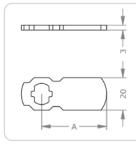
H9048 Cam length in mm: 48



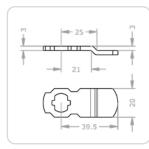
H6423 Cam length in mm: 23



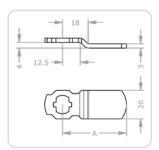
H94[A] Cam length A in mm: 33 | 41 | 59



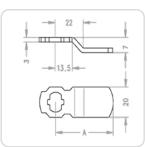
H73[A] Cam length A in mm: 26 | 33 | 36 | 40 | +5 ... | 80



H9939 Cam length in mm: 39



H88[A] Cam length A in mm: 45 | 65

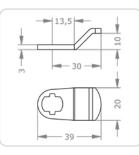


H96[A] Cam length A in mm: 33 | 45 | 50



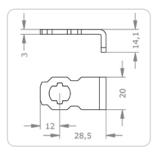
HB

Horizontal EVVA locking cams for post boxes and other potential applications.

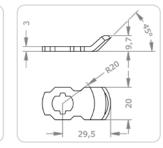


HB0230

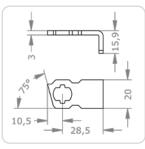
Cam length in mm: 30



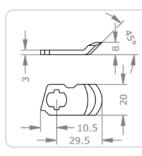
HB0728 Cam length in mm: 28



HB0329 Cam length in mm: 29

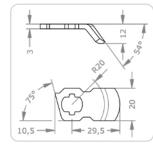


HB0828 Cam length in mm: 28

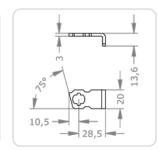


HB0429 Cam length in mm:

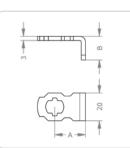
29



HB1029 Cam length in mm: 29



HB0628 Cam length in mm: 28



HB[A][B] Cam length [A][B] in mm: [22][14] | [22][17] | [22][22] | [28][17] | [28][22] Cam lock

EPS cam lock Options and Accessories



0SN – Without cam

No cam or lockin	No cam or locking cam is mounted on the cylinder.	
Product code	0S	N
Ordering example	e for option M.	[System].HB.MB19.23.NI.OSN



B[...] – 2 key extracting positions

Allows a key to be removed in a second key extracting position other than the insertion position.	
Variants	B01 – 2 key extracting positions 0°, 90° B02 – 2 key extracting positions 0°, 180° B03 – 2 key extracting positions 0°, -90° B12 – 2 key extracting positions 90°, 180° B13 – 2 key extracting positions 90°, -90° B23 – 2 key extracting positions 180°, -90°
Product code	B01, B02, B03, B12, B13, B23
Ordering example for option	M.[System].HB.MB19.23.NI.B01



Sample illustration

Sample illustration



Γ	DPM	
	0	

DPM[...] – Coin operated lock Depomat®

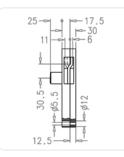
Coin operated lock suitable for 1-euro deposit insertion for left and right locker and cloakroom doors.		
Variants	DPMLI1E – Depomat® DPM80 left 1 EUR DPMRE1E – Depomat® DPM80 right 1 EUR	
Technical specifications	Lock case made of weatherproof plastic galvanised steel lock bolt coin return integrated in the lock	
Product code	DPMLI1E, DPMRE1E	
Ordering example for option	M.[System].HB.DPM25.39.NI.DPMLI1E	
Ordering example for accessories	M.ZU.DPMLI1E	



Symbol illustration DPMLI1E



DPMLI1E



DPMLI1E

Cam lock

FIN[...] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

Variants	0088002458 – Finlube 100ml 0088002431 – Finlube 300ml 0088002423 – Finlube 500ml
Product code	M.TE[0088002458, 0088002431, 0088002423]
Ordering example for accessories	M.TE.0088002431



Sample illustration

EPS cam lock Options and Accessories



GKGT – Door knob 38 mm for glass doors

For use in glass showcases and glass door cabinets in combination with a cam locks.

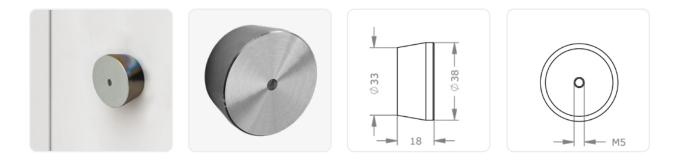
2	Technical specifications	Height 18 mm, conical diameter 38 to 33 mm Base material nickel plated brass
	Product code	GKGT
	Ordering example for option	M.[System].HB.MB22.27.NI.GKGT
	Ordering example for accessories	M.ZU.GKGT





GKV – Door knob 38 mm for glass and furniture doors

For use in furniture doors as a blind thumbturn without cylinder cut-out.		
Technical specifications	Suitable for GKMR	
Product code	GKV	
Ordering example for accessories	M.ZU.GKV	





GTA
\bigcirc

GTA[...] – Glass door plate wide

For use in glass showcases and glass door cabinets in combination with a cam locks.

Variants	GTA1 – Glass door plate 1 high GTA2 – Glass door plate 2 high GTA3 – Glass door plate 3 high GTA4 – Glass door plate 4 high GTA5 – Glass door plate 5 high GTA6 – Glass door plate 6 high
Product code	GTA1, GTA2, GTA3, GTA4, GTA5, GTA6
Ordering example for option	M.[System].HB.MB22.27.NI.GTA1
Ordering example for accessories	M.ZU.GTA1



Sample illustration GTA4

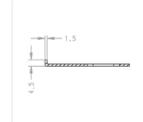


GTB[...] – Glass door plate high

For use in glass showcases and glass door cabinets in combination with a cam locks.

· · · · · · · · · · · · · · · · · · ·	
Variants	GTB1 – Glass door plate 1 wide GTB2 – Glass door plate 2 wide GTB3 – Glass door plate 3 wide GTB4 – Glass door plate 4 wide GTB5 – Glass door plate 5 wide GTB6 – Glass door plate 6 wide
Product code	GTB1, GTB2, GTB3, GTB4, GTB5, GTB6
Ordering example for option	M.[System].HB.MB22.27.NI.GTB1
Ordering example for accessories	M.ZU.GTB1





23
- +

Sample illustration GTB4



LI – Left

L	Left version	
	Product code	LI
,	Ordering example for option	M.[System].MZ.MR22.25.NI.3413.LI

Cam lock

EPS cam lock | Options and Accessories

Illustrations and ordering examples are shown in deviating systems.

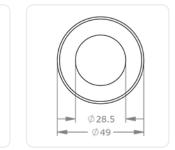


R050 – Escutcheon 50 mm

Cylinder escutcheon with 50 mm out	er diameter, 28 mm inner diameter.
Product code	R050
Ordering example for option	M.[System].HB.MB28ZB.27.NI.R050
Ordering example for accessories	M.ZU.R050









RE – Right

Right-hand version	
Product code	RE
Ordering example for option	M.[System].MZ.MR22.25.NI.3413.RE

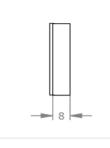


SR22 – Dust and weather protection cover

Escutcheon and cover to protect the cam lock from weather and dirt, outer diameter 35 mm, inner diameter 22 mm.

Product code	SR22
Ordering example for option	M.[System].HB.MB22.27.NI.SR22
Ordering example for accessories	M.ZU.SR22







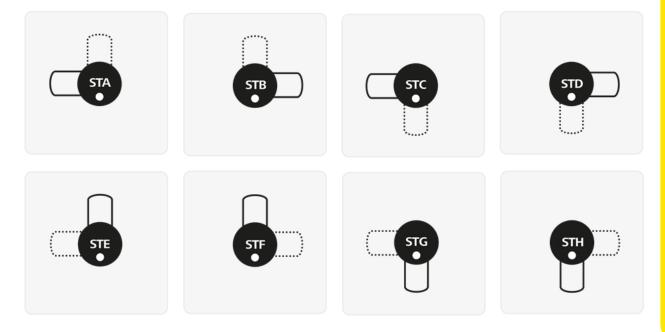




ST[...] – Locking direction A-H

By specifying the locking direction, the cam movement is adapted to the installation situation.

J	Variants	STA – Locking direction from left to top STB – Locking direction from right to top STC – Locking direction from left to bottom STD – Locking direction from right to bottom STE – Locking direction from top to left STF – Locking direction from top to right STG – Locking direction from bottom to left STH – Locking direction from bottom to right
	Product code	STA, STB, STC, STD, STE, STF, STG, STH
	Ordering example for option	M.[System].HB.MB19.28.NI.STA





TXT – Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number.

Product code	TXT
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration





Outside & inside cylinder



Additional security Fits into a wide range of additional security locks.



Wide range of applications Round cylinder for commonly used door lock types.

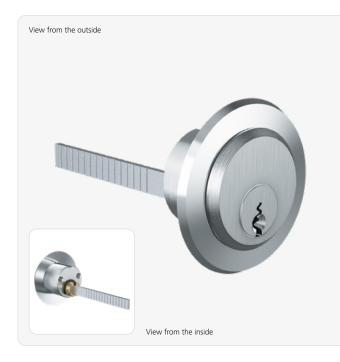
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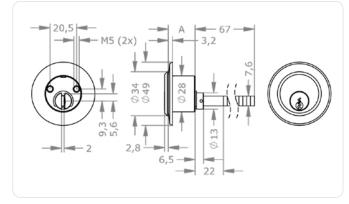


Easy to adapt Versions and options for individual door thicknesses.



EPS rim cylinder | AZ28.AZ





Application examples



Security on a high note Ideal in combination with EVVA rim locks K900 and K9000. Can also be used with locks from other manufacturers.

Product description

The AZ28.AZ rim cylinder is suited to use on the outside of the door. It is equipped with a tail bar to accomadate surface mounted locks, it fits a hole pattern larger than 28 mm and is secured on the rear side with throughhole screws. Application examples are EVVA rim locks from the K900 series and various surface mounted locks.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	K900[] – Security rim lock K900 K9000[] – Security rim lock K9000 R060 – Escutcheon 60 mm
Door leaf thickness options	TS66 – Door thickness 57 up to 66 mm TS76 – Door thickness 67 up to 76 mm TS86 – Door thickness 77 up to 86 mm
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5.AI: 21 EPS5M.AI: 21 EPS6.AI: 26 EPS6M.AI: 26 EPS5.AI-S: 26 EPS5M.AI-S: 26 EPS6.AI-S: 26 EPS6M.AI-S: 26
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	Suitable for use with EVVA security rim lock from the K900/9000 series up to a door leaf thickness of 56 mm
Included components	Cylinder lock with escutcheon and 2 M5×40 fastening screws

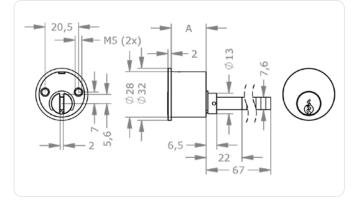


Product code	M.[System].AI.AZ28 ¹ .AZ.[Finish].[Option]
Example	EPS rim cylinder AZ 5-pin, nickel finish with VARIO re-coding function option: M.EPS5.
	AI.AZ28.AZ.NI.VAR



EPS outside cylinder | AZ28.AZG





Application examples



Door open, door closed This cylinder is used to secure garage doors, etc.



Full-leaf doors

This special outside cylinder is also used to provide additional security for doors.

Product description

The AZ28.AZG rim cylinder is suited to use on the outside of the door. It is equipped with a vertical tail bar to accomadate surface mounted locks, it fits a hole pattern larger than 28 mm and is secured on the rear side with throughhole screws. Application examples are rim locks and surface mounted locks.

Technical information

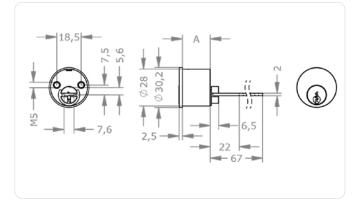
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	SPV – Twisted tail bar
Door leaf thickness options	TS66 – Door thickness 57 up to 66 mm TS76 – Door thickness 67 up to 76 mm TS86 – Door thickness 77 up to 86 mm
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5.AI: 22 EPS5M.AI: 27 EPS6.AI: 27 EPS6M.AI: 27 EPS5.AI-S: 27 EPS5M.AI-S: 27 EPS6.AI-S: 27 EPS6M.AI-S: 27
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use in various rim locks from other manufacturers up to door leaf thickness 56 mm
Included components	Cylinder lock with 2 M5x40 fixing screws

📜 Ordering

Product code	M.[System].AI.AZ281.AZG.[Finish].[Option]
Example	EPS rim cylinder AZG 5-pin, nickel finish with twisted tail bar: M.EPS5.AI.AZ28.AZG.NI.SPV

EPS rim cylinder | AZ28.AZI





Application examples



Security on a high note This rim cylinder fits ABUS[®] rim locks.

Product description

The AZ28.AZI rim cylinder is suitable for use on the outside of the door. It is equipped with a horizontal tail bar for surface mounted locks, fits a hole pattern larger than 28 mm and is secured on the rear side with throughhole screws. Application examples are rim locks and surface mounted locks.

Technical information

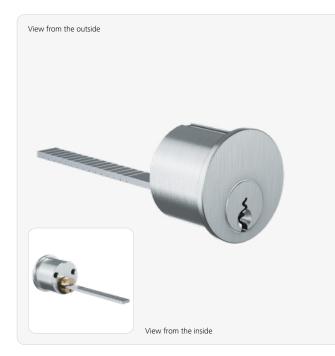
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional security features	SKG2-A – SKG ** certified outside SKG3-A – SKG *** certified outside
Optional technical installation feature	APA – Fixing plate ABUS® GWB6 – 1 thread M6 R0A – Escutcheon ABUS® ROSKG – Escutcheon SKG
Door leaf thickness options	TS66 – Door thickness 57 up to 66 mm TS76 – Door thickness 67 up to 76 mm TS86 – Door thickness 77 up to 86 mm
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5.AI: 21 EPS5M.AI: 26 EPS6.AI: 26 EPS6M.AI: 26 EPS5.AI-S: 26 EPS5M.AI-S: 26 EPS6.AI-S: 26 EPS6M.AI-S: 26
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	In combination with ABUS® rim locks up to door leaf thickness 56 mm
Included components	Cylinder lock with 2 M5×40 fastening screws (with GWB6 M6×40 option)

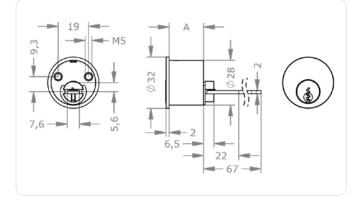


Product code	M.[System].AI.AZ28 ¹ .AZI.[Finish].[Option]
Example	EPS rim cylinder 5-pin for ABUS rim locks, nickel finish with M6 holes: M.EPS5.AI.AZ28. AZI.NI.GWB6



EPS rim cylinder | AZ28.AZL





Application examples



Security on a high note Whatever supplementary lock is used, this rim cylinder represents the secure protection of every door.

Product description

The EPS rim cylinder AZ28. AZL is suitable for use on the outside of the door. It is equipped with a horizontal tail bar for surface mounted locks, fits a hole pattern larger

than 28 mm and is secured on the rear side with throughhole screws. Examples of use include LIPS® rim locks and surface mounted locks.

Technical information

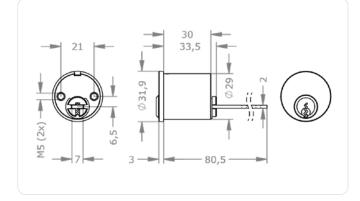
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Door leaf thickness options	TS66 – Door thickness 57 up to 66 mm TS76 – Door thickness 67 up to 76 mm TS86 – Door thickness 77 up to 86 mm
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5.AI: 22 EPS5M.AI: 27 EPS6.AI: 27 EPS6M.AI: 27 EPS5.AI-S: 27 EPS5M.AI-S: 27 EPS6.AI-S: 27 EPS6M.AI-S: 27
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use in various rim locks from other manufacturers up to 56 mm door leaf thickness
Situation	
Included components	Cylinder lock with 2 M5x40 fixing screws



Product code	M.[System].AI.AZ28 ¹ .AZL.[Finish].[Option]
Example	EPS rim cylinder 5-pin, diameter 28 mm, type AZL, nickel finish, with VARIO re-coding function option: M.EPS5.AI.AZ28.AZL.NI.VAR

EPS rim cylinder | AZ29.1050





Application examples



Security on a high note This rim cylinder is suitable for IKON[®] rim locks.

Product description

The AZ29.1050 rim cylinder is suitable for use on the outside of the door. It is equipped with a horizontal tail bar for surface mounted locks, fits a hole pattern larger than 29 mm and is secured on the rear side with throughhole screws. Application examples are rim locks as well as various surface mounted locks.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	ROI – Escutcheon IKON®
Door leaf thickness options	TS66 – Door thickness 57 up to 66 mm TS76 – Door thickness 67 up to 76 mm TS86 – Door thickness 77 up to 86 mm
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use in IKON® rim locks up to door leaf thickness 56 mm
Included components	With tail bar and 2 M5×40 fastening screws



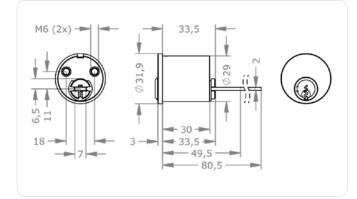
Product code Example M.[System].AI.AZ29.I050.[Finish].[Option]

EPS rim cylinder 5-pin for IKON® rim locks type 50, nickel finish with VARIO re-coding function option: M.EPS5.AI.AZ29.I050.NI.VAR



EPS rim cylinder | AZ29.1063





Application examples



Security on a high note This rim cylinder is suitable for IKON[®] rim locks.

Product description

The EPS rim cylinder AZ29. 1063 is suitable for use on the outside of the door. It is equipped with a horizontal tail bar for surface mounted locks, fits a hole pattern larger than 29 mm and is secured on the rear side with throughhole screws. Application examples are rim locks and various surface mounted locks

Technical information

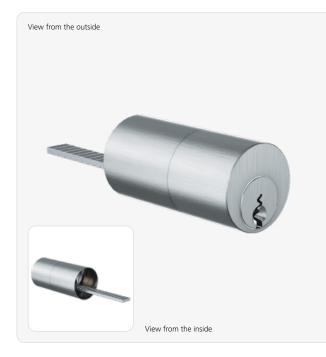
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	API63 – Fixing plate IKON® 4063 R0I – Escutcheon IKON®
Door leaf thickness options	TS56 – Door thickness 46 up to 56 mm TS66 – Door thickness 57 up to 66 mm TS76 – Door thickness 67 up to 76 mm TS86 – Door thickness 77 up to 86 mm
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use in IKON® rim locks up to door leaf thickness 45 mm
Included components	With tail bar and 2 M6×28 fastening screws

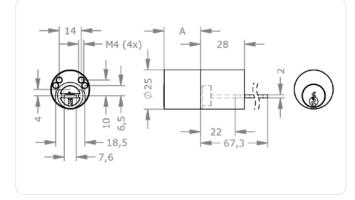


Product code Example M.[System].AI.AZ29.I063.[Finish].[Option]

EPS rim cylinder 5-pin for IKON® rim locks type 63, nickel finish with VARIO re-coding function option: M.EPS5.AI.AZ29.I063.NI.VAR

EPS rim cylinder | AZ25.FP





Application examples



Garden gate This rim cylinder has been specially developed for use in lattice doors and garden gates.

Product description

The EPS rim cylinder AZ25.FP is suitable for use in garden gates. It is equipped with a tail bar for surface mounted locks, fits a hole pattern larger than 25 mm and is secured on the rear side with throughhole screws. For example, they can be used for garden gates with CISA® locks.

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5: 23 EPS5M: 23 EPS6: 28 EPS6M: 28
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	For use on the outside, rear mounted with screws
Included components	Cylinder lock without screws, with tail bar and sleeve



Product code Example

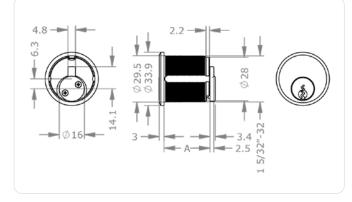
M.[System].AI.AZ25.FP.[Finish].[Option] EPS 5-pin rim cylinder, diameter 25 mm, nickel finish with VABIO re-coding function option:

EPS 5-pin rim cylinder, diameter 25 mm, nickel finish, with VARIO re-coding function option: M.EPS5.AI.AZ25.FP.NI.VAR



EPS mortise screw-in cylinder | AZ30RM





Application examples



Firmly locked

This mortrise screw-in cylinder is ideal for use in specially designed bolt locks.

Product description

The EPS mortise screw-in cylinder AZ30RM is suitable for use on the outside of the door. It is equipped with cam for mortise locks, it fits an internal thread of 1 5/32" and is fastened by screwing it into the lock. Examples of applications are mortise locks.

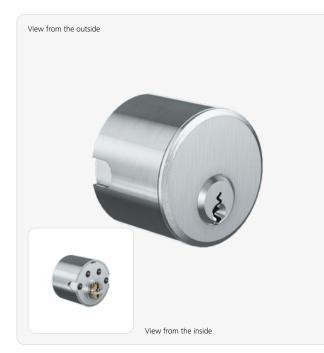
Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	221 251 29 39 47 57 67
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	0SN – Without cam GLIP – For LIPS® cam GM0N – For Monarch® cam GYAL – For Yale® cam
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements Features in cylinder as protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	Suitable for locks with screw-in fastening of the cylinder
Included components	Cylinder locks with Adams Rite® cam



Product code	M.[System].AI.AZ30RM ² .[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS mortise screw-in cylinder 5-pin mortise, length 25 mm, nickel finish, designed for LIPS® cam: M.EPS5.AI.AZ30RM.25.NI.GLIP

EPS outside cylinder | AZ37.SEC



Standards and guidelines

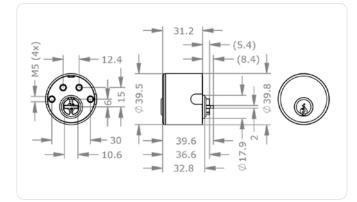


Product description

The AZ37.SEC ourside cylinder is suited to use on the outside of the door. It is equipped with horizontal cam bar for mortise locks, fits a hole pattern larger than 40 mm and is fastened with rear throughhole screws. As an example, they can be used in Scandinavian mortise locks.

Technical information

System	EPS6 – Extended Profile System 5 pin EPS6M – Extended Profile System Trademark protection 5 pin EPS7 – Extended Profile System 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TAF-A – Temporary Access Function outside TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system with 6 or 7 active, spring- loaded locking elements Features in cylinder protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Standards and guidelines	EN 1303:2015 16-1-C62 SS 3522 Category 3
Technical installation situation	In combination with the IZ37.SEC, suitable for Scandinavian locks with high security requirements for 4-fold screw connection on the rear side
Included components	Cylinder lock with tail bar



Application examples



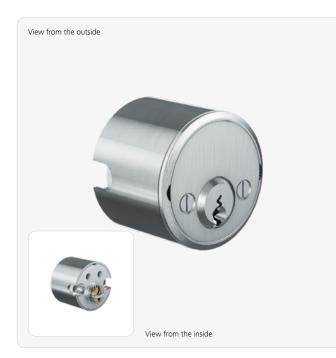
Security in the High North This cylinder is ideal for external doors with Scandinavian locks and guarantees mechanical security.

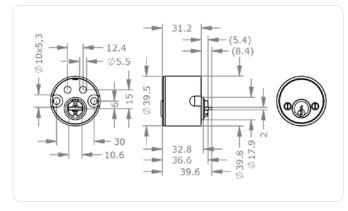


Product code	M.[System].AI.AZ37.SEC.[Finish].[Option]
Example	EPS 5-pin outside cylinder, diameter 40 mm, nickel finish, with TAF: M.EPS5.AI.AZ37.SEC. NI.TAF-A



EPS inside cylinder | IZ37.SEC





Application examples



Security in the High North This cylinder is ideal for the inner side of external doors with Scandinavian locks. Maximum security is guaranteed.

Product description

The EPS inside cylinder IZ37. SEC is suitable for use on the inside of the door. It is equipped with horizontal cam bar for mortise locks,

fits a hole pattern larger than 40 mm and is fastened with throughhole screws. As an example, they can be used in Scandinavian mortise locks.

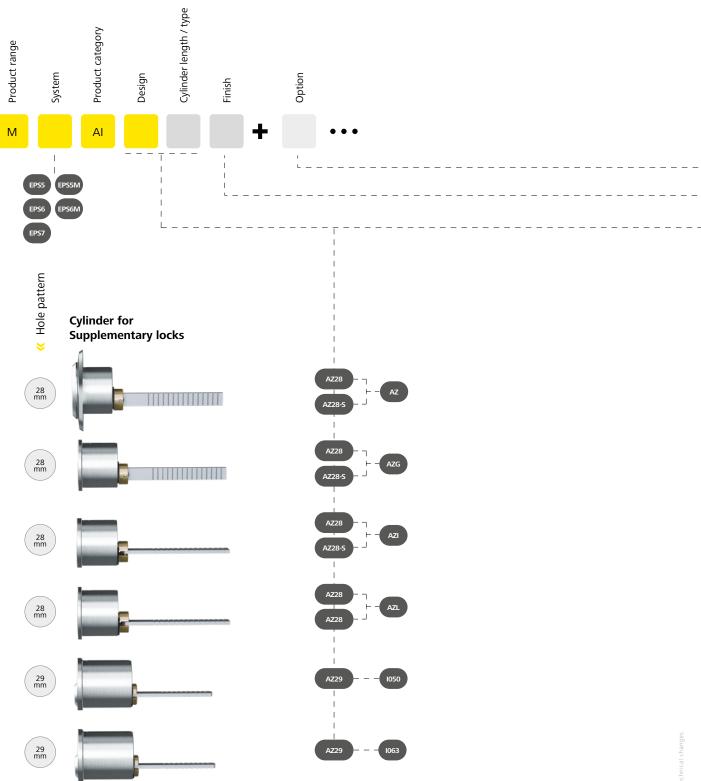
Technical information

System	EPS6 – Extended Profile System 5 pin EPS6M – Extended Profile System Trademark protection 5 pin EPS7 – Extended Profile System 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 6 or 7 active, spring- loaded locking elements Features in cylinder protection against covert opening methods Up to 20 additional side codes with integrated tampering control Hardened steel elements as drilling protection
Technical installation situation	Suitable for Scandinavian locks in combination with AZ37.SEC for 4-fold screw connections on the rear
Included components	Cylinder lock with cylinder cover and cover plate screws

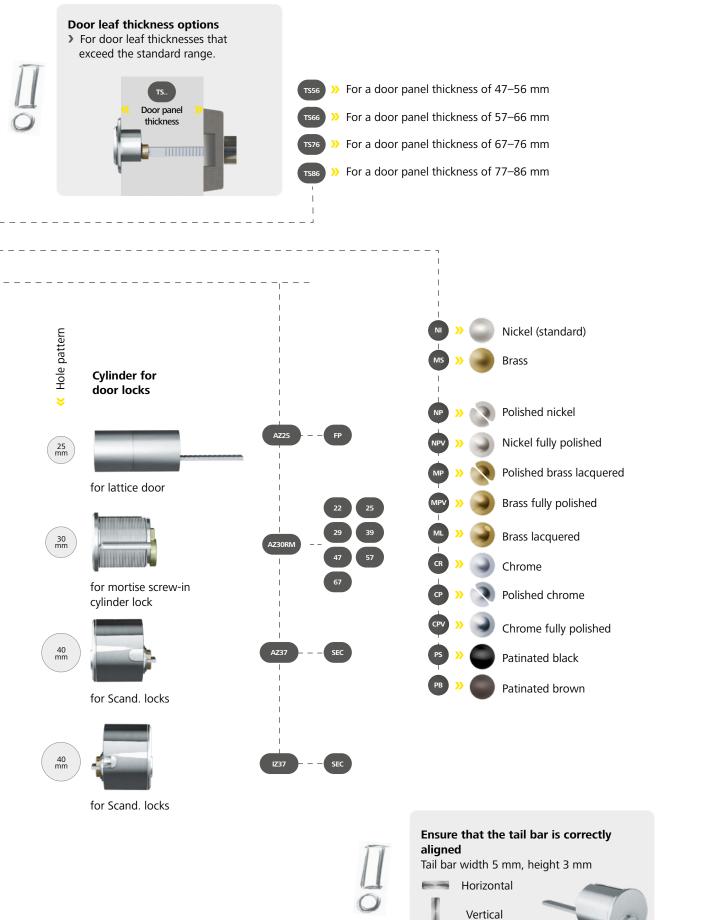


Product code	M.[System].AI.IZ37.SEC.[Finish].[Option]
Example	EPS 5-pin inside cylinder, diameter 40 mm, nickel finish, with VARIO re-coding function option: M.EPS5.AI.IZ37.SEC.NI.VAR

EPS outside/inside cylinder | Versions







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Outside & inside cylinder

EPS Outside/Inside Cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



0SN – Without cam

No cam or locking cam is mounted on the cylinder.	
Product code	OSN
Ordering example for option	M.[System].HB.MB19.23.NI.OSN



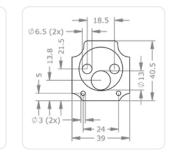
APA – Fixing plate ABUS®

Screw-on plate APA for fastening outside cylinders to the outside of the door.

J	Product code	АРА
	Ordering example for option	M.[System].AI.AZ28.AZI.NI.APA
	Ordering example for accessories	M.ZU.APA







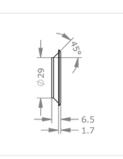


API63 – Fixing plate IKON® 4063

Screw-on plate API63 for fastening outside cylinders to the door.

Product code	API63
Ordering example for option	M.[System].AI.AZ29.I063.NI.API63
Ordering example for accessories	M.ZU.API63











FIN[...] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

l	Variants	0088002458 – Finlube 100ml 0088002431 – Finlube 300ml 0088002423 – Finlube 500ml
	Product code	M.TE[0088002458, 0088002431, 0088002423]
	Ordering example for accessories	M.TE.0088002431



Sample illustration

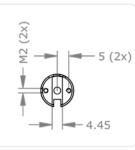


GLIP – For LIPS® cam

 The plug end is prepared for installation of a LIPS® cam on mortise cylinders.

 Product code
 GLIP

 Ordering example for option
 M.[System].AI.AZ30RM.22.NI.GLIP

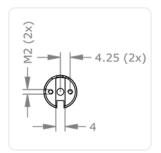




GM0N – For Monarch® cam

The plug end is prepared for installation of a Monarch® cam on mortise cylinders.

J	Product code	GM0N
	Ordering example for option	M.[System].AI.AZ30RM.22.NI.GM0N



EPS Outside/Inside Cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



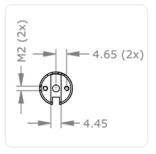
GWB6 – 1 thread M6

Instead of the standard M5 threaded	bore, the outside cylinder is designed with the M6 threaded bore.
Product code	GWB6
Ordering example for option	M.[System].AI.AZ28.AZI.NI.GWB6



GYAL – For Yale® cam

l	The plug end is prepared for installation of a Yale® cam on mortise cylinders.	
J	Product code	GYAL
	Ordering example for option	M.[System].AI.AZ30RM.22.NI.GYAL

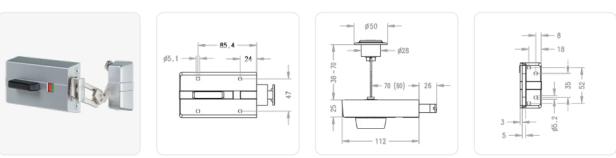




K900[...] – Security rim lock K900

This supplementary security lock increases the security of every entrance door. Suitable for inward opening left and right solid leaf doors. It can be operated from the outside with a key.

Variants	K900SI – Rim lock K900 Silver K900G0 – Rim lock K900 Gold K900BZ – Rim lock K900 Bronze K900WS – Rim lock K900 White
Technical specifications	Integrated telescopic door catcher for gap opening Red-green function display for open/gap opening/locked turning olive on the inside 2-turn 70 mm backset fastening material for wooden and metal frames for door thickness 38–70 mm rebate thickness 24 mm
Included components	Supplementary security lock with lock case Base plates: 4 x 1 mm, 2 x 5 mm, 1 x 10 mm Fasteners
Product code	K900SI, K900G0, K900BZ, K900WS
Ordering example for option	M.[System].AI.AZ28.AZ.NI.K900SI
Ordering example for accessories	M.ZU.K900SI



K900SI

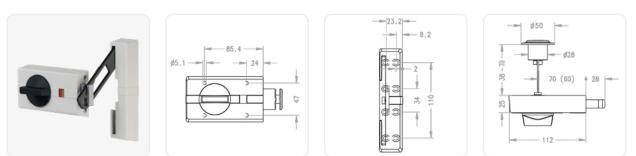


K9000	
\bigcirc	

K9000[...] – Security rim lock K9000

This supplementary security lock increases the security of every entrance door. Suitable for inward opening left and right solid leaf doors. It can be operated from the outside with a key.

Variants	K9000SI – Rim lock K9000 Aluminium K9000G0 – Rim lock K9000 Gold K9000BZ – Rim lock K9000 Bronze K9000WS – Rim lock K9000 White
Technical specifications	Integrated telescopic door catcher for wide opening Red-green function display, green = open, red/green = gap opening, red = locked opening on the inside by turning olive 2-turn 70 mm backset fastening material for wood and metal frames door thickness for 38–70 mm rebate thickness 24 mm
Included components	Supplementary security lock with lock case Base plates: 4 x 1 mm, 2 x 5 mm, 1 x 10 mm Fasteners
Product code	K9000SI, K9000G0, K9000BZ, K9000WS
Ordering example for option	M.[System].AI.AZ28.AZ.NI.K9000SI
Ordering example for accessories	M.ZU.K9000SI



K9000WS

EPS Outside/Inside Cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



R060 – Escutcheon 60 mm

Cylinder escutcheon with 60 mm outer diameter, 29 mm inner diameter.

Product code	R060
	M.[System].AI.AZ28.AZ.NI.R060
Ordering example for accessories	M.ZU.R060

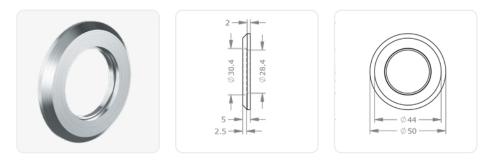


ROA

R0A – Escutcheon ABUS®

Cylinder escutcheon for outside cylinder in combination with APA fixing plate ABUS®, outer diameter 50 mm, inner diameter 28 mm.

Product code	ROA
Ordering example for option	M.[System].AI.AZ28.AZI.NI.R0A
Ordering example for accessories	M.ZU.ROA



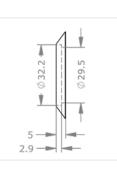


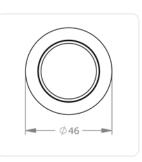
R0I – Escutcheon IKON®

Cylinder escutcheon for outside cylinder in combination with Ikon® fixing plate, outer diameter 46 mm, inner diameter 29 mm.

J	Product code	ROI
	Ordering example for option	M.[System].AI.AZ29.I063.NI.R0I
	Ordering example for accessories	M.ZU.ROI







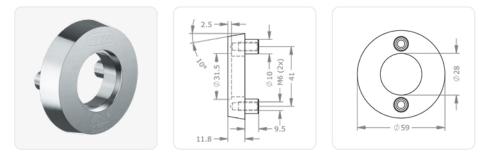




R0SKG – Escutcheon SKG

Cylinder escutcheon for outside cylinders of supplementary locks for use in SKG-tested doors, outside diameter 59 mm, inside diameter 28 mm.

Product code	ROSKG
Ordering example for option	M.[System].AI.AZ28.AZI.NI.SKG-A.ROSKG
Ordering example for accessories	M.ZU.ROSKG





SPV – Twisted tail bar

The tail bar is rotated 90°.

Product code	SPV
Ordering example for option	M.[System].AI.AZ28.AZ.NI.SPV



TAF-A – Temporary Access Function outside

A purely mechanical solution that regulates who can enter where and when. Pull out the priority key in "S position" to authorise a service key. Reset the cylinder to "I position" to once again deactivate this function. The standard key locks in both positions, but cannot change the locking authorisations - this is not available in the EP7 system.

Product code	TAF-A
Ordering example for option	M.[System].PZ.KZ-S.31/K31.NI.KK.K-NI.TAF-A





Sample illustration

Sample illustration

EPS Outside/Inside Cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



TXT – Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number.

Product code	TXT
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration



VAR – VARIO

If you need to immediately restore security. If keys have been lost or stolen, VARIO-B keys are capable of reconfiguring the cylinder lock once so that lost or stolen keys are no longer operational.
Product code VAR

Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.VAR



Sample illustration







Furniture cylinders



A wide variety of possible use Push cylinder available to directly lock sliding doors.

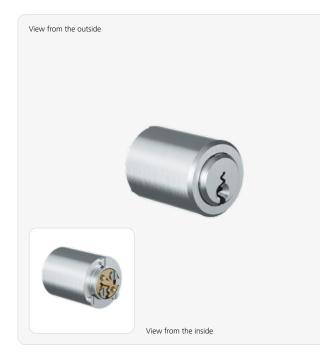


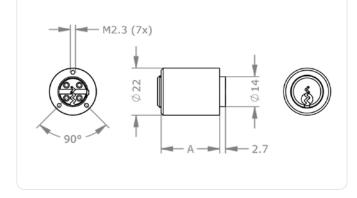
Suitable for furniture locks Furniture cylinders suited to common furniture lock types.



One key fits all All cylinder types can be integrated into EVVA master key systems.

EPS universal cylinder | MR22-S





Application examples



Lockable office furniture The furniture cylinder is suitable for locking office cabinets when combined with a furniture olive or a furniture knob.

Product description

The EPS furniture cylinder MR22-S is suitable for use in furniture doors and shutters. Depending on the lock case used, there is a cam bar on the rear of the cylinder. Usually fastened by three screws on the rear of the lock or in the olive and suitable for a hole pattern larger than 22 mm. Examples of applications are olives type 3413 and 3417 and common Heusser olives.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	27 32 37 42 47 57 67
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	D04 – 4 key extracting positions 0°, 90°, 180°, 270° TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For different furniture locks as well as for cylinder olives type 3413, 3417 and standard Heusser olives
Included components	Furniture cylinder incl. fixing screws, without tail bar

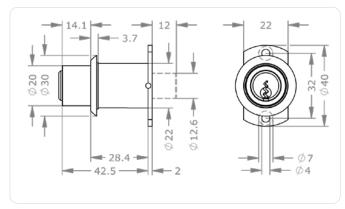
📜 Ordering

Product code	M.[System].MZ.MR22-S.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS universal cylinder MR22 5-pin, length 27 mm, nickel finish with 4 key extracting positions: M.EPS5.MZ.MR22-S.27.NI.D04



EPS Push cylinder | DRZ22-S





Application examples



Sliding doors secured Push to lock sliding furniture doors and wall panels.

Product description

The EPS push cylinder DRZ22-S is suitable for use in metal and wooden sliding doors. The door is locked by pressing the cylinder. The cylinder requires a hole pattern larger than 22 mm and is rear mounted using a fixing plate. Examples of applications are office furniture with sliding doors.

Technical information

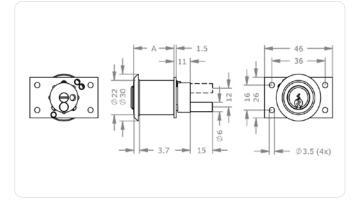
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	28
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	KV05 – Plug end elongation 5 mm KV10 – Plug end elongation 10 mm
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For installation in furniture sliding doors
Included components	Push cylinder without fastening material incl. escutcheon

📜 Ordering

Product code	M.[System].MZ.DRZ22-S.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS 5-pin push cylinder, diameter 22 mm, nickel finish, plug end extended: M.EPS5. MZ.DRZ22-S.28.NI.KV05

EPS pedestal lock | MR22Z-S





Application examples



Security on wheels This pedestal lock is specially designed for roll containers with a pedestal lock bar.

Product description

The EPS pedestal lock MR22Z-S is suitable for use in office furniture. Locking takes place by means of linkage via the integrated cam bar. The cylinder requires a hole pattern larger than 22 mm and is rear moutned using a fixing plate. Examples of use are furniture roll containers and central locking of draws.

Technical information

System Cylinder length on the	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin 27 32 37 42 47 57 67
outside A in mm	27 32 37 42 47 37 07
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For pedestal locks carrier movement 180°, key movement 360°
Included components	Pedestal lock with rectangular fastening plate and escutcheon

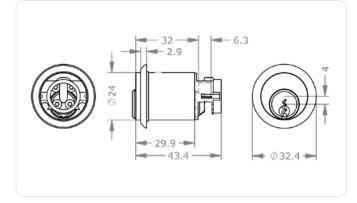


	5
Product code	M.[System].MZ.MR22Z-S.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS pedestal lock 5-pin, diameter 22 mm, length 27 mm, nickel finish: M.EPS5. MZ.MR22Z-S.27.NI



EPS furniture cylinder | ASS24-S





Application examples



Lockable office cabinets The furniture cylinder is suitable for locking office cabinets by combining it with a JuNie ® ASS furniture lock.

Product description

The EPS furniture cylinder ASS24-S is suitable for use in office furniture prepared for JuNie® locks. Installation is very easy thanks to the integrated lock adapter. The

cylinder needs a hole pattern larger than 24 mm and is fixed in the lock by means of an adapter. Application examples are espagnolette locks and bolt locks.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	30
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For installation in JuNie® ASS furniture locks
Included components	Furniture cylinder incl. escutcheon and adapter

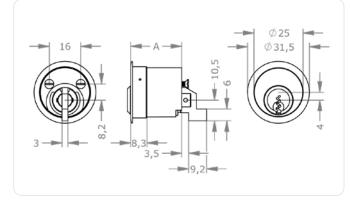


Example

Furniture cylinder

EPS EVVA furniture cylinder | MR25-S





Application examples



Perfectly stored Combined with a furniture lock, this furniture cylinder is a reliable guardian of office cabinets.



Everything under control With the GKMR option, the cylinder is converted into a thumbturn handle.

Product description

The EPS furniture cylinder MR25-S from EVVA is suitable for use in furniture doors and drawers. On the rear without cam bar, depending on the lock case used. Suitable for a hole pattern larger than 25 mm. Usually fastened in the lock with 2 screws on the back. Application examples are furniture locks from the UNI4000 and UNI4540 series.

Technical information

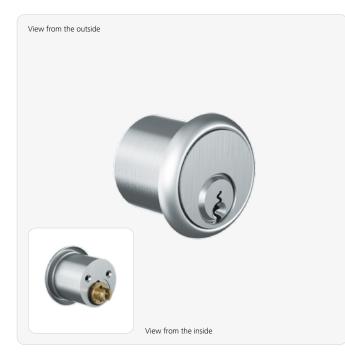
EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
261 31 36 41
NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
KV05 – Plug end elongation 5 mm KV10 – Plug end elongation 10 mm
TXT – Customer-specific text
Spray FinLube
Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
For installation in furniture locks
Furniture cylinder with escutcheon, designed for MAR lock case

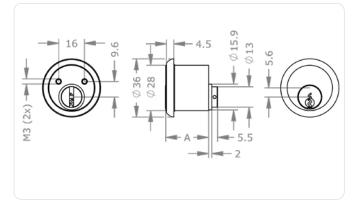
📜 Ordering

Product code	M.[System].MZ.MR25-S.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS furniture cylinder 5-pin, diameter 25mm, length 31 mm, nickel finish for Universal 4000 drawer: M.EPS5.MZ.MR25-S.31.NI.UL



EPS EVVA furniture cylinder | MR28





Application examples



Perfectly stored

Combined with a furniture lock, this furniture cylinder is a reliable guardian of office cabinets.

Product description

The EPS furniture cylinder MR28 from EVVA is suitable for use in furniture doors and drawers. On the rear without cam bar, depending on the lock case used. Fits hole pattern larger than 28 mm. Usually fastened in the lock with 2 screws on the back. Application examples are furniture locks from the UNI4000 and UNI4540 series.

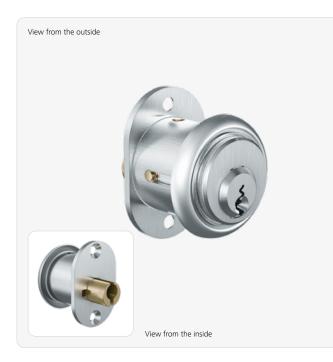
Technical information

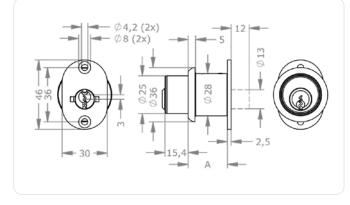
System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	261 31 36 41
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	4540[] – Furniture lock Universal 4540 ERK[] – Furniture lock ERK
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For installation in furniture locks
Included components	Furniture cylinder with escutcheon, designed for MAR lock case



-	
Product code	M.[System].MZ.MR28.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS furniture cylinder 5-pin, diameter 28 mm, length 31 mm, nickel finish with MAR furniture lock: M.EPS5.MZ.MR28.31.NI.MAR

EPS Push cylinder | DRZ28-S





Application examples



Push and secured Push to lock sliding furniture doors and wall panels.

Product description

The EPS push cylinder DRZ28-S is suitable for use in metal and wooden sliding doors. The door is locked by pressing the rear of the cylinder. This requires a hole pattern larger than 28 mm and is rear mounted using a fixing plate. Examples of applications are office furniture with sliding doors.

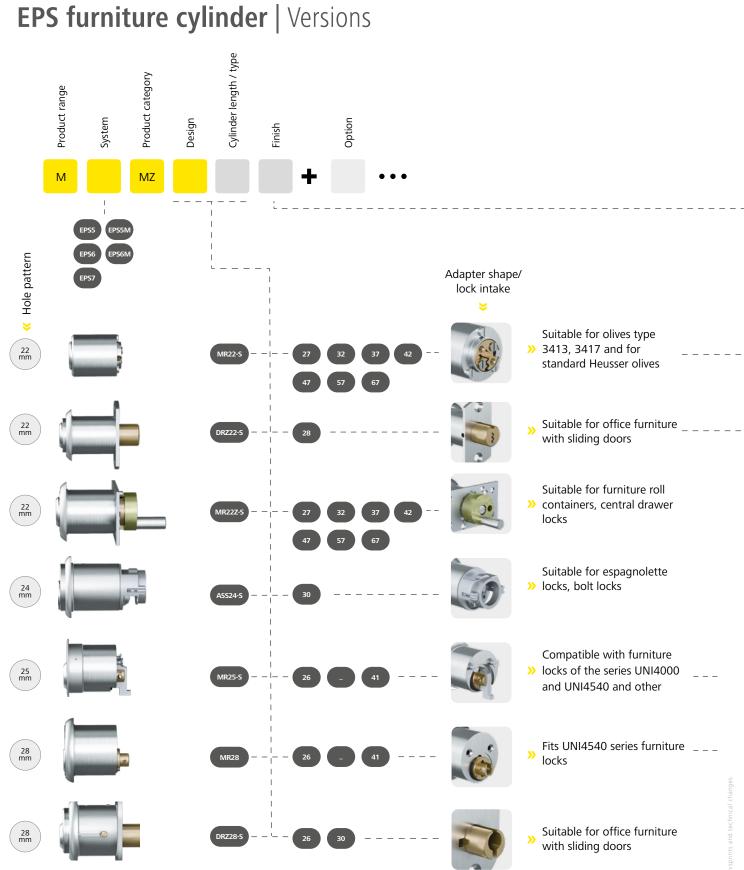
Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	261 30
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional technical installation feature	KV05 – Plug end elongation 5 mm KV10 – Plug end elongation 10 mm R0GT – Escut- cheon for glass doors for push cylinders
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For installation in furniture sliding doors
Included components	Push cylinder without fastening material

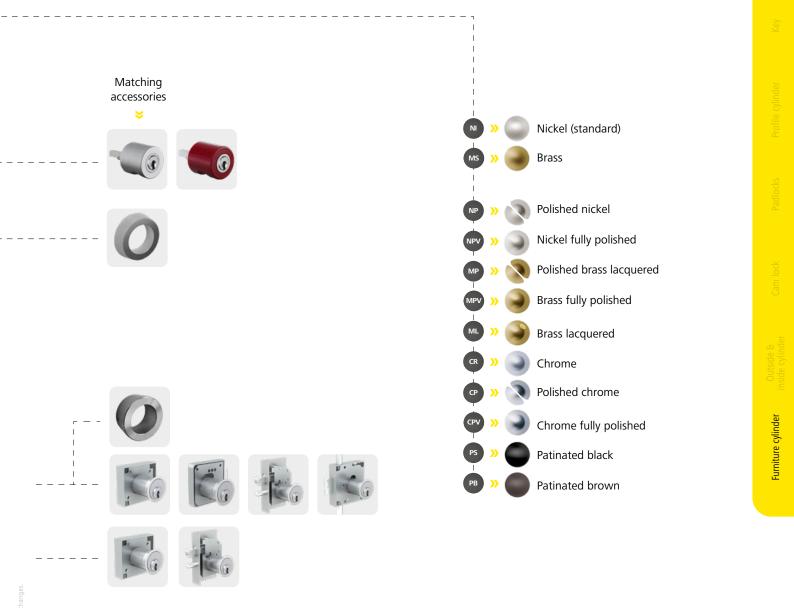
📜 Ordering

Product code	M.[System].MZ.DRZ28-S.[Cylinder length on the outside A in mm].[Finish].[Option]
Example	EPS push cylinder 5-pin, diameter 28 mm, length 26 mm, nickel finish, plug end extended: M.EPS5.MZ.DRZ28-S.26.NI.KV05









Suitable options/accessories
See next page

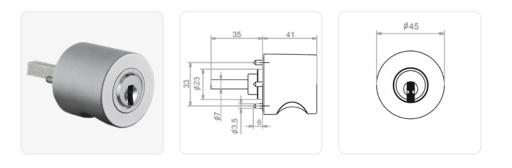
EPS furniture cylinder Options & Accessories



3413 - Olive 3413

Lockable cylinder olive 3413 with 45 mm thumbturn and recess for left and right hinged cabinet doors.

Technical specifications	For furniture locks with 7 mm spindle Cylinder olive made of zinc 7/7/35 mm spindle LI - for left doors RE - for right doors
Product code	3413
Ordering example for option	M.[System].MZ.MR22.25.NI.3413.LI
Ordering example for accessories	M.ZU.3413.LI



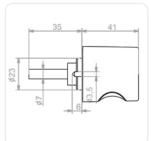


3417 – Olive 3417

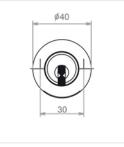
Lockable cylinder olive 3417 with 40 mm thumbturn and recess, in various RAL colours. For left and right hinged cabinet doors in combination with a furniture lock with 7 mm square spindle.

Variants	RAL1004 – RAL 1004 RAL3003 – RAL 3003 RAL3005 – RAL 3005 RAL5002 – RAL 5002 RAL6012 – RAL 6012 RAL6022 – RAL 6022 RAL7016 – RAL 7016 RAL7035 – RAL 7035 RAL8014 – RAL 8014 RAL8017 – RAL 8017 RAL9005 – RAL 9005 RAL9010 – Pure white
Technical specifications	For furniture locks with 7 mm spindle Cylinder olive made of zinc 7/7/35 mm spindle LI - for left doors RE - for right doors
Product code	3417[Variant]
Ordering example for option	M.[System].MZ.MR22.25.NI.3417R3003.LI
Ordering example for accessories	M.ZU.3417R3003.LI





Sample illustration



Sample illustration



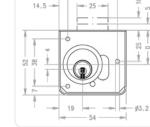
ſ	4000	
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4000[...] – Furniture lock Universal 4000

The furniture lock Universal 4000 is suitable for use in furniture doors, cabinet doors and drawers.

Variants	4000LA – Furniture lock Universal 4000 Drawer 4000LI – Furniture lock Universal 4000 Left 4000RE – Furniture lock Universal 4000 Right
Technical specifications	Small installation dimension of 52 x 54 mm threefold screw connection with door or drawer adjustable backset nickel plated steel locking case and bolt
Product code	4000LA, 4000LI, 4000RE
Ordering example for option	M.[System].MZ.MR25.26.NI.4000LA
Ordering example for accessories	M.ZU.4000LA





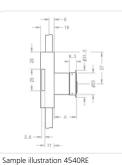
Sample illustration 4000LA

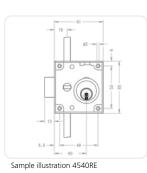
4540[...] – Furniture lock Universal 4540

The furniture lock Universal 4540 is suitable for use in tall cabinet doors that require more than one lock.

Variants	4540LI – Furniture lock Universal 4540 Left 4540RE – Furniture lock Universal 4540 Right
Technical specifications	Small installation dimensions of 61 x 65 mm fourfold screw connection 40 mm backset nickel plated steel locking case and bold Rotating rods Ø 8 flattened to 7 mm suitable for DRST200, DRST220, DRST250
Product code	4540LI, 4540RE
Ordering example for option	M.[System].MZ.MR25.26.NI.4540RE
Ordering example for accessories	M.ZU.4540RE







EPS furniture cylinder Options & Accessories



D04 – 4 key extracting positions 0°, 90°, 180°, 270°

Allows a switch to be operated by removing the key in four positions, each at 90° to the other.

J	Product code	D04
	Ordering example for option	M.[System].SZ.MR22.25.NI.D04



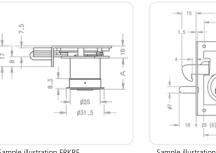
ERK[...] – Furniture lock ERK

The snap-in roller box lock is suitable for milling into roller drawers, roller shutter doors and other furniture locks.

Variants	LI – Left RE – Right
Technical specifications	Galvanised steel lock case solid lock case design 7 mm guide bolts
Product code	ERK[LI, RE]
Ordering example for option	M.[System].MZ.MR25.26.NI.ERKRE
Ordering example for accessories	M.ZU.ERKRE



Sample illustration ERKRE



Sample illustration ERKRE

Sample illustration ERKRE



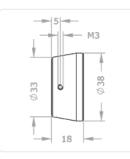
GKMR - Door knob 38 mm for furniture doors

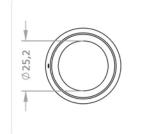
For use in furniture doors in combination with a furniture cylinder.

J	Technical specifications	Height 18 mm, conical diameter 38 to 33.2 mm Fastened with M3 side holes Base material nickel plated brass
	Product code	GKMR
	Ordering example for option	M.[System].MZ.MR25.26.NI.GKMR
	Ordering example for accessories	M.ZU.GKMR









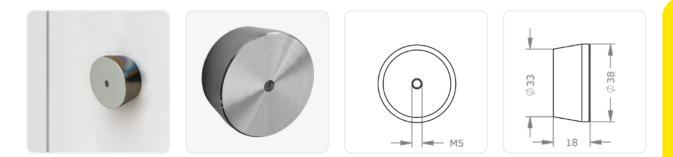
Sample illustration





GKV – Door knob 38 mm for glass and furniture doors

For use in furniture doors as a blind	thumbturn without cylinder cut-out.
Technical specifications	Suitable for GKMR
Product code	GKV
Ordering example for accessories	M.ZU.GKV



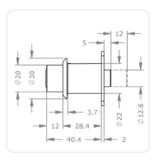


KV05 – Plug end elongation 5 mm

The plug is extended by 5 mm at the rear of the cylinder. Push cylinder for use in sliding doors with a greater offset or for thicker doors.

J	Product code	KV05
	Ordering example for option	M.[System].MZ.DRZ22.28.NI.KV05





Sample illustration



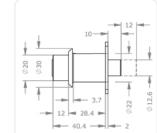
KV10 – Plug end elongation 10 mm

The plug is extended by 10 mm at the rear of the cylinder. Push cylinder for use in sliding doors with a greater offset or for thicker doors.

Product code	KV10
Ordering example for option	M.[System].MZ.DRZ22.28.NI.KV10



Sample illustration



Furniture cylinder

EPS furniture cylinder Options & Accessories

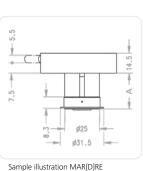


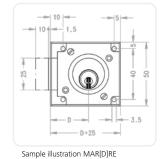
MAR[...] - Furniture Lock MAR

The stop bolt lock with 4-fold screw connection is ideal for the simple locking of drawers, locker doors and cabinets.

Variants	Type, backset, left/right/drawer:MAR30LI – Furniture Lock MAR Left, Backset 30 MAR35LI – Furniture Lock MAR Left, Backset 35 MAR40LI – Furniture Lock MAR Left, Backset 40 MAR45LI – Furniture Lock MAR Left, Backset 45 MAR50LI – Furniture Lock MAR Left, Backset 50 MAR60LI – Furniture Lock MAR Left, Backset 60 MAR30RE – Furniture Lock MAR Right, Backset 30 MAR35RE – Furniture Lock MAR Right, Backset 35 MAR40RE – Furniture Lock MAR Right, Backset 40 MAR45RE – Furniture Lock MAR Right, Backset 45 MAR50RE – Furniture Lock MAR Right, Backset 50 MAR60RE – Furniture Lock MAR Right, Backset 45 MAR50RE – Furniture Lock MAR Right, Backset 50 MAR60RE – Furniture Lock MAR Right, Backset 60 MAR30LA – Furniture Lock MAR Drawer, Backset 30 MAR35LA – Furniture Lock MAR Drawer, Backset 35 MAR40LA – Furniture Lock MAR Drawer, Backset 40 MAR45LA – Furniture Lock MAR Drawer, Backset 45 MAR50LA – Furniture Lock MAR Drawer, Backset 50 MAR60LA – Furniture Lock MAR Drawer, Backset 60
Technical specifications	Solid lock case design 1-turn 10 mm bolt ejection
Product code	MAR[Backset D in mm][Ll,RE,LA]
Ordering example for option	M.[System].MZ.MR25.26.NI.MAR35LI
Ordering example for accessories	M.ZU.MAR35LA







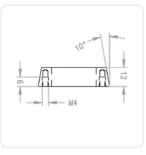
Sample illustration MAR30LI

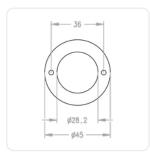


ROGT – Escutcheon for glass doors for push cylinders Suitable for use in combination with a push cylinder in display cabinet doors or glass sliding doors, conical outer diameter of 44.5 to 40.5

J	mm.		
	Technical specifications	Basic material nickel plated brass fixing at the rear with 2 M4 holes	
	Product code	ROGT	
	Ordering example for option	M.[System].MZ.DRZ28.26.NI.R0GT	
	Ordering example for accessories	M.ZU.ROGT	











TXT – Customer-specific text

Numbering according to customer re	ering according to customer requirements in addition to system number and key/cylinder number.		
Product code	TXT		
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT		

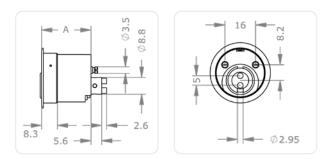


Sample illustration



UL – For furniture lock UNI4000 drawer

Cylinder version for use in the Universal 4000 furniture lock for installation in drawers.Product codeULOrdering example for optionM.[System].MZ.MR25.26.NI.UL

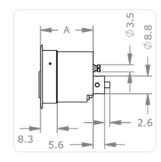


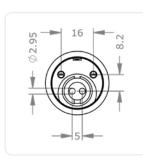


UT – For furniture lock UNI4000 door

Cylinder version for use in the Universal 4000 furniture lock for door installation.

<u>)</u>	Product code	UT
	Ordering example for option	M.[System].MZ.MR25.26.NI.UT









Switch- and switching cylinders



Turn on, turn off A range of suitable cylinder types for operation of electronic switching devices, suitable for a wide variety of installation situations.

ricac

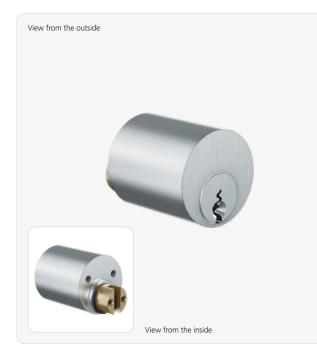


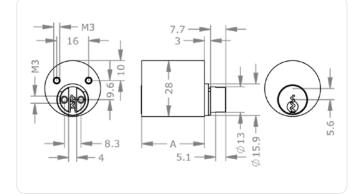
One switch, many states Individually configurable locking positions allow control via multiple switching positions.



Everything under control Integrated into master key systems and in central switch devices, they make a significant contribution to building security.

EPS Switching Cylinder | MR28A





Application examples



Securely up and down This cylinder is suitable e.g. for installation in escalator control function circuits.

Product description

The EPS lift cylinder MR28A is suitable for use in various lift control systems. It is equipped without a cam bar on the rear, fits a hole pattern larger than 28 mm and is rear mounted with two screws. Application examples are lift systems and escalators.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	261 31
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	For use in lifts or lift controls with a hole pattern larger than 28 mm
Included components	Lift cylinder without cam bar



Product code Example M.[System].SZ.MR28A.[Cylinder length on the outside A in mm].[Finish].[Option] EPS 5-pin lift cylinder, length 26 mm, nickel finish: M.EPS5.SZ.MR28A.26.NI



EPS Switch cylinder | MB19SZ-S



Standards and guidelines



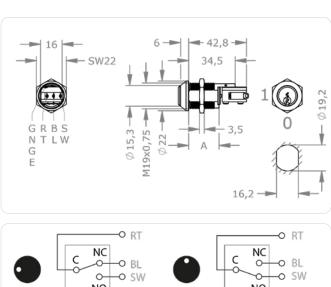
Product description

The EPS switch cylinder MB19SZ-S is suitable for direct integration in circuits. It is equipped with a microswitch on the rear, fits a hole pattern larger than 19 mm and is

flattened on the side (anti-twist device). It is fastened on the inside by a flat nut. Application examples are control panels and machine switches.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	39
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	B01 – 2 key extracting positions 0°, 90° TXT – Customer-specific text
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Possible switching capacities: 250 VAC. 5A 125 VAC: 5A 0–15 VDC: 5A 15–30 VDC: 3A
Included components	Switch cylinder with integrated microswitch



		16,2 -
C NC O BL O SW	0	C NC O BL O SW
OGNGE		oGNGE

Product code	M. [System].SZ.MB19SZ-S.39. [Finish].[Option]
Example	EPS 5-pin switch cylinder, diameter 19 mm, nickel finish, with 2 key extracting positions: M.EPS5.SZ.MB19SZ-S.39.NI.B01

Switch switch

EPS Switch Cylinder | MB23SZ-S



Standards and guidelines

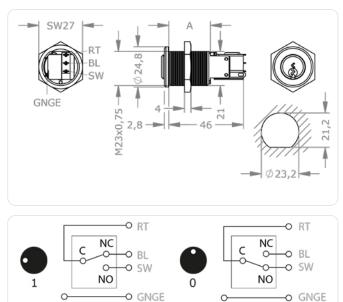


Product description

The EPS switch cylinder MB23SZ-S is suitable for direct integration into circuits. It is equipped with a microswitch on the rear, fits a hole pattern larger than 23 mm and is flattened at the bottom (anti-twist device). It is fastened on the inside by a flat nut. Application examples are control panels and machine switches.

Technical information

EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
42
NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
B01 – 2 key extracting positions 0°, 90° FED – Spring return TXT – Customer-specific text
Spray FinLube
Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Possible switching capacities: 250 VAC. 5A 125 VAC: 5A 0–15 VDC: 5A 15–30 VDC: 3A
Switch cylinder with integrated microswitch

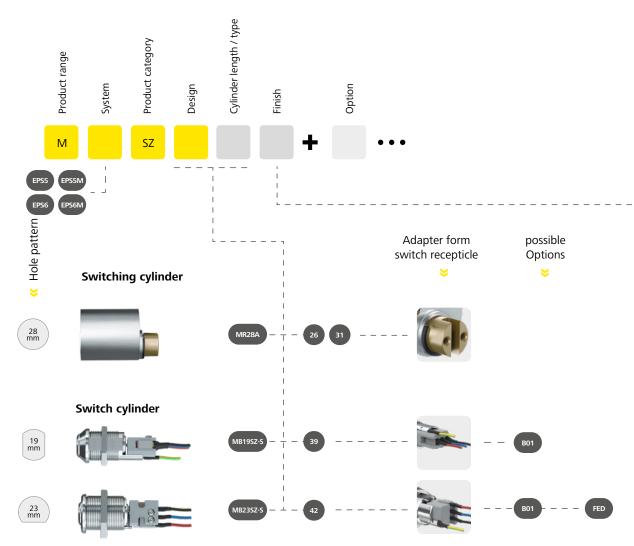




Product code	M. [System].SZ.MB23SZ-S.42.[Finish].[Option]
Example	EPS 5-pin switch cylinder, 23 mm diameter, nickel finish, with 2 key extracting positions: M.EPS5.SZ.MB23SZ-S.42.NI.B01



EPS Switch- and switching cylinders | Versions









Possible switching capacities 50 VAC: 5A 0–15 V DC 5A 15–30 V DC 3A

EPS Switch- and switching cylinders | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.



B[...] - 2 key extracting positions

Allows a key to be removed in a second key extracting position other than the insertion position.

Variants	B01 – 2 key extracting positions 0°, 90° B02 – 2 key extracting positions 0°, 180° B03 – 2 key extracting positions 0°, -90° B12 – 2 key extracting positions 90°, 180° B13 – 2 key extracting positions 90°, -90° B23 – 2 key extracting positions 180°, -90°
Product code	B01, B02, B03, B12, B13, B23
Ordering example for option	M.[System].HB.MB19.23.NI.B01





FED – Spring return

J	The MB23SZ switch cylinder is designed with a key spring reset.	
	Product code	FED
	Ordering example for option	M.[System].SZ.MB23SZ.42.NI.FED



FIN[...] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

J	Variants	0088002458 – Finlube 100ml 0088002431 – Finlube 300ml 0088002423 – Finlube 500ml
	Product code	M.TE[0088002458, 0088002431, 0088002423]
	Ordering example for accessories	M.TE.0088002431





.....



TXT – Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number.

J	Product code	TXT
	Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration

Switch B switching cylinder





Insert cylinder



Padlock integrated Padlocks with Snowman profile can be integrated into master key systems with the HZ-S. SNOW padlock insert cylinder.



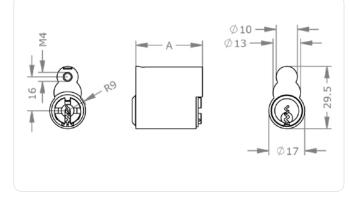
Garden gate integrated Garden gates with CISA® locks can be integrated into master key systems with the HZ-S.EK insert cylinder.



Anti-panic lock integrated With the insert cylinder HZ-S. CAP, doors with CISA® panic bars can be integrated into master key systems.

EPS Padlock insert | PZE.SNOW





Product description

The EPS padlock insert PZE. SNOW is suitable for use in a wide range of Scandinavian padlocks with a "Snwoman" cylinder recess. Without a cam bar on the rear, the cylinder is secured through the rear hole in the body, according to the padlock used.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin EPS7 – Extended Profile System 7 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	EPS5: 31 EPS6: 36 EPS7: 36 EPS5M: 31 EPS6M: 36
Security features	Pin tumbler system with 5, 6 or 7 active, spring-loaded locking elements up to 20 addi- tional side codes with integrated manipulation control
Technical installation situation	Cylinder insert provided in padlock bodies, designed with a "Snowman" cylinder recess

Application examples



Cellar room The insert cylinder is designed for installation in Scandinavian padlock bodies.



Barriers

Effective protection against unauthorised opening and closing of barriers.

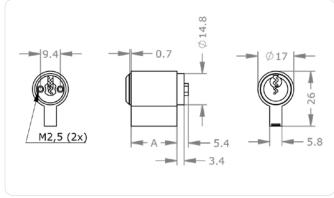


Product code Example M.[System].EZ.PZE.SNOW.[Finish].[Option] EPS 5-pin insert cylinder for installation in padlock bodies, designed for "Snowman" finish, nickel plated, with re-coding function: M.EPS5.EZ.PZE.SNOW.NI.VAR



EPS Insert cylinder | PZE.EK





Application examples



Garden gate Insert cylinder for "Elektrika" electronic garden door strike.

Product description

The EPS insert cylinder PZE.EK is suitable for use in conventional CISA® electric locks. It is equipped with a cam bar mounted on the rear side and holes in the plug. Suitable for a hole pattern

larger than 17 mm diameter and for a 6 mm wide bar recess in the electric lock. Fastening takes place in the lock case.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Cylinder length on the outside A in mm	EPS5: 22 EPS6: 27 EPS5M: 22 EPS6M: 27
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation control
Technical installation situation	Insert cylinder for the inner side of the "Elektrika" garden door strike.
Included components	Insert cylinder without fixing material

Product code

Example

M.[System].EZ.PZE.EK.[Cylinder length on the outside A in mm].[Finish].[Option] EPS 5-pin insert cylinder for the inner side of the garden door strike "Elektrika", length 22 mm, nickel finish, with re-coding function:

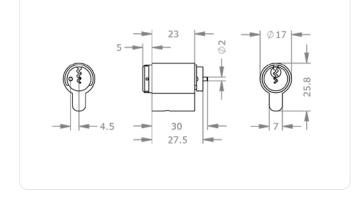
M.EPS5.EZ.PZE.EK.22.NI.VAR

¹ EPS5 and EPS5M only

Insert cylinder

EPS insert cylinder | PZE.CAP





Product description

The EPS insert cylinder PZE. CAP is suitable for use in standard Italian anti-panic locks. Cam pin on the rear. Fits a pear-shaped recess in the pusch bar lock. An application example is e.g. panic-push handels in CISA® anti-panic sets.

Technical information

System	EPS5 – Extended Profile System 5 pin EPS5M – Extended Profile System Trademark protection 5 pin EPS6 – Extended Profile System 6 pin EPS6M – Extended Profile System Trademark protection 6 pin
Finish	NI – Nickel MS – Brass NP – Polished Nickel NPV – Nickel fully polished MP – Polished brass MPV – Brass fully polished ML – Brass lacquered CR – Chrome CP – Polished Chrome CPV – Chrome fully polished PS – Patinated black PB – Patinated brown
Optional usage feature	TXT – Customer-specific text
· · · · · · · · · · · · · · · · · · ·	TAT Customer specific text
Accessories	Spray FinLube
Accessories	Spray FinLube Pin tumbler system with 5 or 6 active, spring- loaded locking elements up to 20 additional side codes with integrated manipulation

Application examples



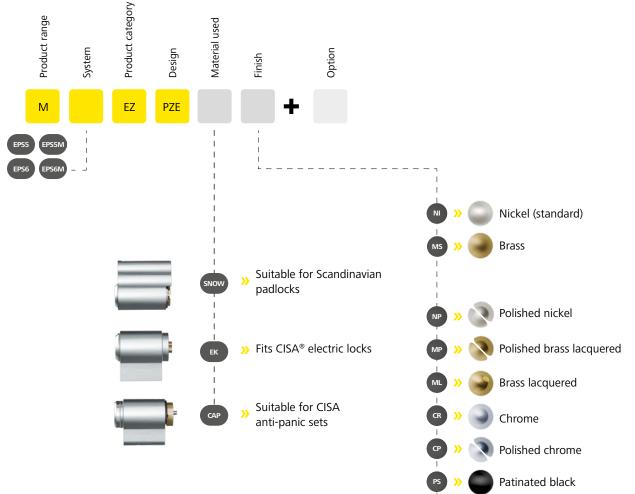
Escape door The insert cylinder is suitable for locking lockable outside handles in combination with CISA® panic bars.



Product code M.[System].EZ.PZE.CAP.[Finish] Example EPS 5-pin insert cylinder for lockable CISA® anti-panic set, nickel finish: M.EPS5.EZ.PZE. CAP.NI



EPS insert cylinder | Versions



РВ

Patinated brown

Insert cylinder

EPS Insert cylinder Options & Accessories



FIN[...] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

J	Variants	0088002458 – Finlube 100ml 0088002431 – Finlube 300ml 0088002423 – Finlube 500ml
	Product code	M.TE[0088002458, 0088002431, 0088002423]
	Ordering example for accessories	M.TE.0088002431



Sample illustration



TXT – Customer-specific text

Numbering according to customer requirements in addition to system number and key/cylinder number.

Product code	TXT
Ordering example for opt	on M.[System].PZ.DZ-S.31/31.NI.TXT



Sample illustration



VAR – VARIO

If you need to immediately restore security. If keys have been lost or stolen, VARIO-B keys are capable of reconfiguring the cylinder lock once so that lost or stolen keys are no longer operational.

Product code	VAR
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.VAR



Sample illustration



171

EPS | Implementation



Support Customer requests, support tools, system selection, quick test





Planning Project planning, project planning tools, prices, standards







Installation Ordering, delivery times, system setup





Handover & Operation Documentation, training, support & warranty, maintenance & updates

_ _ _ _ _ _



Support | Parameters, tips and tools



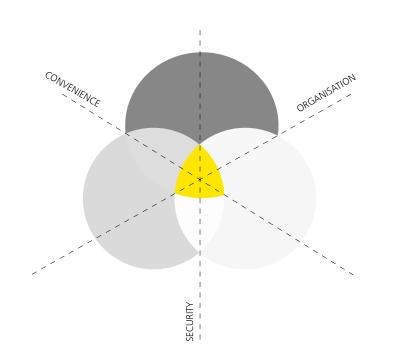
Comprehensive and responsible support is particularly important with regard to security.

For this reason, we at EVVA support our partners with our comprehensive expertise. Firstly, in dedicated training sessions. Secondly, by joining forces with our partners throughout support and planning.

Every access situation is unique

This is also true for security technology. Most of all, it is important to identify the main tasks and the requirements that must be complied with at an early stage.

Ideal security planning always takes into account three central aspects: **Convenience, organisation and security.** This makes individual and efficient solutions possible.



Security

Above all, security requirements depend on the type and structure of the property. Different building areas often have different protection levels with different lock and security technology. to protect persons, tangible assets and intangible assets (personal data).

Organisation

Organisational requirements define how flexible the security technology must be in ongoing operation. The objective is to support and simplify the entire administration.

Convenience

The convenience requirements of user groups (employees, customers, external companies, etc.) significantly influence the choice of security technology. Users differ in their behaviour, trustworthiness, usage patterns and length of stay.



Important issues

What is ideal for one building may be inadequate for another. Even in individual areas within the same facilities there are often different requirements. Maximum security is paramount for sensitive areas, in other areas convenience and simple system operation are in the focus.

Mechanical or electronic solution?

Each facility has different requirements regarding the locking systems that secure it. Purely mechanical or electronic systems may be perfect to suit your needs. Usually, it's a combination of both, making facilities efficient, convenient and secure.

Complete the quick test >> Next page





Specialist training sessions >> EVVA training folder



Visit EVVA » EVVA showroom

Planning | the right locking system

You can only choose the right system once you know your customers' demands. For this purpose, check how the system performance matches customer requirements.

This quick test will help you make a decision regarding the appropriate or main system to focus on during planning. Just add up the points for the corresponding statements and check your results on the following page.





5

Convenience is important to me Reversible keys simplify key insertion. For every user - every time.

10 points



Copy-proof keys Unauthorised duplication of keys must be precluded.





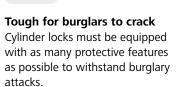




Dirt & Weather Wind and weather, harsh working environments - the locking system must be able to cope. Robustness and durability are a must.

10 points





7

5 points

5 points



9 Full control

The EVVA security card gives the owner control over repeat orders and system changes.

5 points



10 True greatness

Not only large master key systems must be feasible - it must also be possible to map special organisational authorisations, e.g. for building technicians.

10 points



Investment secured

A 20-year after-sales service for the master key system safeguards the investment costs.

10 points

Zertifikat	
And American	
And Address of the Ad	
	-

Recognised security

provide legal certainty.

Valid certifications and approvals

carring case.

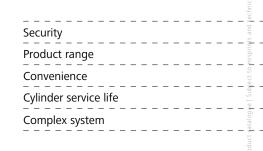
Mechanical - inflexible?

Thanks to the modular design,

cylinders can be adapted again and

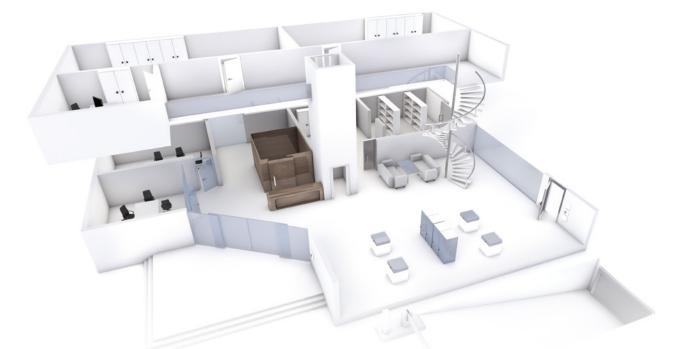
again to new installation situations

- all parts at the ready in a single









FPS system » 0–20 points

The FPS basic system has a wide range of cylinder types and options and is suitable for well-structured systems.

EPS system » 21–40 points

EPS, the pin system in a high-end design, covers a huge range of cylinder types. It is also available as a modular system.

ICS System » 41–60 points

The ICS is a modern locking system with a robust reversible key and high-quality protection devices.

4KS System » 61–80 points

Extremely large master key systems can be created with 4KS. It is robust like no other, modular and has reversible keys.

MCS system » 81–100 points

MCS demonstrates its technical excellence with its copy proof keys. When security is not negotiable.



3/10

5/10

6/10

3/10

- -7/10







	—	_	_	_	_	—	_	_	_	_		
											7/10	
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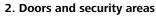
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Planning | Creating lock charts

Solid planning of the access areas and groups of persons with access authorisation simplifies implementation and a subsequent expansion. With good advance planning, it is easy to add authorisations or integrate additional cylinder locks into the master key system at a later date, e.g. when extending a building.

1. Project dimensions

An "indicative offer" can be created quickly based on the number of cylinder locks and keys required.



Assign designations to doors and the areas behind the doors using floor plans. Floor plans available on site make work easier.



Access situations e.g. doors, furniture locks and barrier systems



Users Employees and others Authorised

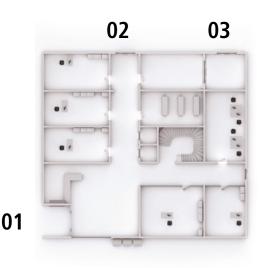


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Many customers do not know that devices, furniture or electrical systems can also be integrated into the master key system!

Note the numerous options with which the functions and areas of application of cylinder locks can be expanded.

Sometimes temporary structures are needed during the construction of new buildings. If necessary, ask your EVVA consultant.





The checklist can be used to quickly determine the exact cylinder lock requirements of the property.

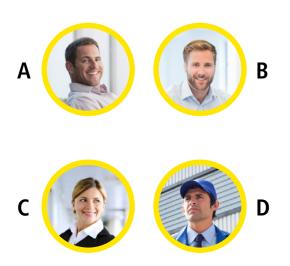


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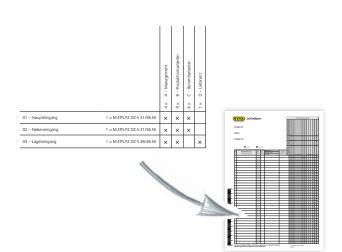
3. Authorisation groups

Once an order has been placed, the authorisation groups are defined for the lock chart.



4. Creating lock charts

Authorisation groups are assigned to doors and security areas in the lock chart.



Authorisation groups are groups of persons with similar or identical authorisation profiles. A small number of authorisation groups simplify planning, administration and extensions. For example:

A - Management

all areas

B - Production staff Entrances and exits, production rooms, warehouse

C - Office staff

Entrances and exits, offices, archive

D - Supplier

Warehouse entrance



For complex master key systems EVVA supports you with a lock chart check. Beforehand, the implementation possibilities and customer wishes in the required system can be checked here. Always try to keep the number of authorisation groups as small as possible. This brings the advantage of a clearly understandable authorisation structure that is easy to read in the lock chart.

We recommend using the EVVA planning and ordering software Access Designer to create and transmit large master key systems.

Planning | Standards

Standards play an important role in security technology. They create legal certainty, application guidance and provide a framework of what is permitted/possible. If the respective locking situation/door situation is known, it is easy to determine which requirements exist with regard to fire and smoke protection, burglar resistance and emergency exit locks.





Compliant in no time. EVVA supports its partners with planning expertise and relevant training.

>> More information on this can be found in the current price list.





EN 1303 Mechanical cylinder locks

This standard classifies the attack resistance and locking security of cylinder locks, etc. Compliance with the corresponding security class permits use in burglary-resistant doors in accordance with EN 1627:

EVVA cylinder locks are excellent, which can be recognised by the classification code: e.g. 160B0C6D

- 1 = Usage class
- 6 = Durability testing for 100,000 test cycles
- B = Fire resistance
- C = Corrosion resistance and temperature cl.
- 6 = Highest level of locking security
- D = Highest level attack resistance

Product example:

> Double cylinder DZ





Fire resistance

EVVA mechanical cylinder locks are tested for 90 minutes fire resistance. This also makes them suitable for use in fire and smoke protection doors.

Product examples:

- Fire section doors El₂ 90-C₅: in this case, a cylinder lock for a 90 minute fire resistance must be installed.
- > Double cylinder DZ





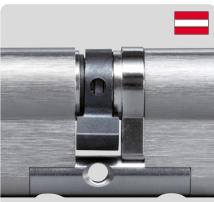


EN 1125 + EN 179 Emergency exits

In compliance with these European standards for panic and escape route closures, components must always be tested for compatibility together.

Product examples:

- > Double cylinder DZ
- > FZG free-wheel key with panic function





ÖNORM B 5351 Security classes

This Austrian standard defines the resistance classes of cylinder locks with Wz1 (-BZ) to Wz6 (-BZ). According to ÖNORM B 5338, this achieved security class allows use in a burglary-resistant door with the corresponding resistance classes Wk1 to Wk6.

Product example:Double cylinder DZ





VdS Association VdS BZ(+)/ VdS***

The German independent association VdS produces security and fire protection guidelines containing stringent requirements which are an enhancement of EN 1303, DIN 18252 and other standards.

Class BZ(+)

These cylinder locks with pulling protection offer medium-level security against burglary and high-level security against attempted unlocking and are recognised for use in switch devices for burglary alarm systems. Due to the integrated pull protection, they can be used in combination with burglarresistant doorplates that do not have pull protection (class B or higher).

Product example:

Double cylinder M.EPS.PZ.DZ-S with VdS option





Institut SKG SKG***

This national Dutch regulation specifies the marking of burglary-resistant building products for installation in burglaryresistant doors. SKG*** is the highest classification of burglary-resistant cylinder locks.

Product example:

> Thumbturn cylinder M.EPS.PZ.KZ-S with SKG option





UK Standard Institute BSI***

This British institute determines the marking of burglary-resistant building products for installation in burglary-resistant doors. BSI*** is the highest classification of burglary-resistant cylinders.

Product examples:

- > Double cylinder DZ with BSI option
- > Double cylinder DZ with anti-snap option





Testing institute SBSC

Successful testing of a profile shape by this institute ensures compliance with national standards and allows use in the Swedish market for specific requirements. The SS 3522 certificate identifies the cylinder for use on burglary-resistant doors.

Product examples:

- > Outside cylinder M.EPS.AI.AZ37.SEC
- Scandinavian oval profile cylinder M.EPS.PZ.SKA









NBÚ certificate

The Czech National Security Agency issues product certificates for products that are in accordance with ČSN EN 1627 based on tests carried out by an accredited testing centre. This officially certifies the burglaryresistant properties of the cylinder.

Product example:

> Double cylinder DZ



Trezor Test

The Czech institute Trezor Test is an accredited testing institute for burglary resistance. EVVA cylinder locks are continuously tested here in accordance with European standards ČSN EN 1627, ČSN EN 1303 and national guidelines.

Product example:Double cylinder DZ





IMP testing institute

The Polish National Testing Institute IMP tests and certifies cylinder locks for burglary resistance and function in accordance with PN EN 1303 and national guidelines. Burglary classes A,B,C describe the burglary-resistant properties of the cylinder.

Product example: > Double cylinder DZ

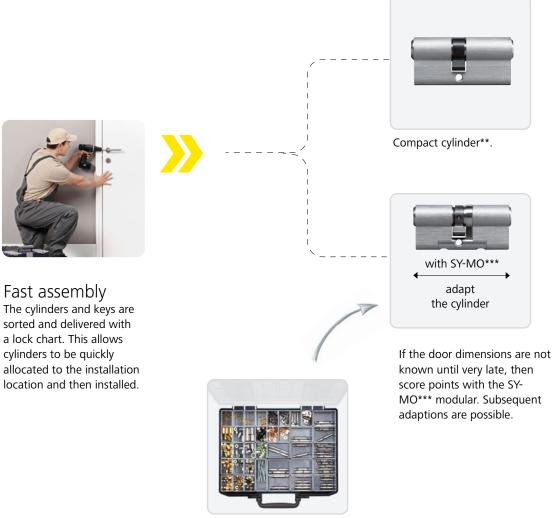
Installation | Let's get started

Your order:

Order successfully with AccessDesigner or lock chart template. After technical and installation evaluation of your order, your order will be manufactured.







MO*** modular. Subsequent



Installed with protrusion The SY-MO*** modular system allows cylinders to be adapted at any time. An enormous advantage for tight deadlines and door or fitting dimensions that deviate from the planning.



EVVA quick help Need help with assembly? EVVA provides you with a technical support hotline.

Implementation

Handover & Operation | Components

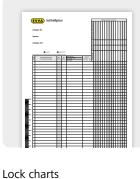
Documentation

Documentation can be handed over to customers to facilitate and ensure maintenance and adaptations to the system.

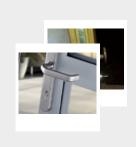
Said documentation may consist of several elements.



Project documentation



Plans of the development project



Photographic evidence of doors and areas with restricted accessibility



Data sheets and instructions for use



Handover report

Handover

After installation, the keys and the lock chart are handed over. The master key system is now commissioned.



Key handover



Support & Warranty

EVVA products are largely maintenance-free. However, EVVA ensures that any occurring issues are quickly and efficiently dealt with, regardless of whether before or after setup:



EVVA hotline EVVA partners have access to a mechanical products technical support hotline.



Product history All manufacturing data relating to EVVA master key systems is archived by EVVA.



Delivery EVVA always strives to provide attractive delivery dates. Ask your EVVA consultant.

Maintenance & Updates

Excellent reasons to stay in touch after successful implementation.



Checks EVVA recommends annual maintenance of the system to ensure a long service life of products.



Updates New standards and guidelines may require may require the modification of existing systems.



New products We are continuously enhancing our range. Customers demand new functionalities. As a result, a regular exchange of ideas benefits everyone involved.

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Publisher EVVA Sicherheitstechnologie GmbH

Content management EVVA Sicherheitstechnologie GmbH

Editor: Marcus Anderle Graphics: René Kern, Christine Artner | Texts: Nina Dominici, Marcus Anderle Photographs: Bernhard Schramm, Vienna Paint, iStockphoto, fotolia Print: AV+ASTORIA Druckzentrum GmbH | Wien

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