EVVA
access to security

FPS

Branded quality at the best price

CONTENTS

Benefits 16 Layout 20
Master key system 22 Processes 24

Benefits 27 Key 28
Versions 30 Options 32

Benefits 36 Euro profile 38 Scandinavian oval profile 44
Portal cylinder 46 UK oval profile 48 Versions 52 Options 56

Benefits 67 Padlocks 68
Versions 71 Options 72

Benefits 75 Cam cylinder 76
Versions 82 Optionen & Accessories 84

Benefits 93 Rim and outside cylinder 94 Inside cylinder 103
Versions 104 Options & Accessories 106

Benefits 115 Furniture cylinder 116
Versions 120 Options & Accessories 122

Benefits 129 Switch & switching cylinder 130
Versions 131

Benefits 133 Insert cylinder 134
Versions 136 Options & Accessories 137

Support 140 Planning 142
Installation 150 Handover & Operation 152

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.

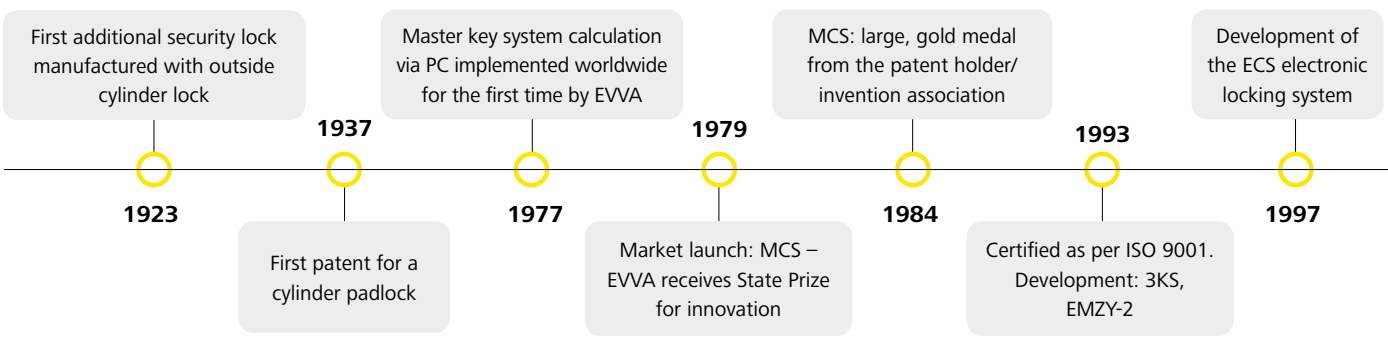
Research, development & expansion
At the end of the 1970s, Sven Berlage pushed forward the expansion of the branches, as well as export and international positioning of the company. Since 1999, Mag. Stefan Ehrlich-Adám has been the third generation at the head of the family-run company. He is setting 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
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

Overview of innovations



FPS Product catalogue | Subject to misprints and technical changes

EVVA – ***innovation 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.

2006 – Development of new mechanical locking systems (EPS, 3KSplus)

2009 – ICS market launch

2014 – Launch of the innovative, electronic Xesar and AirKey systems

2016 – Market launch 4KS

2018 – Launch of the Bluetooth function for AirKey

2019 – Xesar Software Release 3.0

2021 – New patent for EPS and FPS

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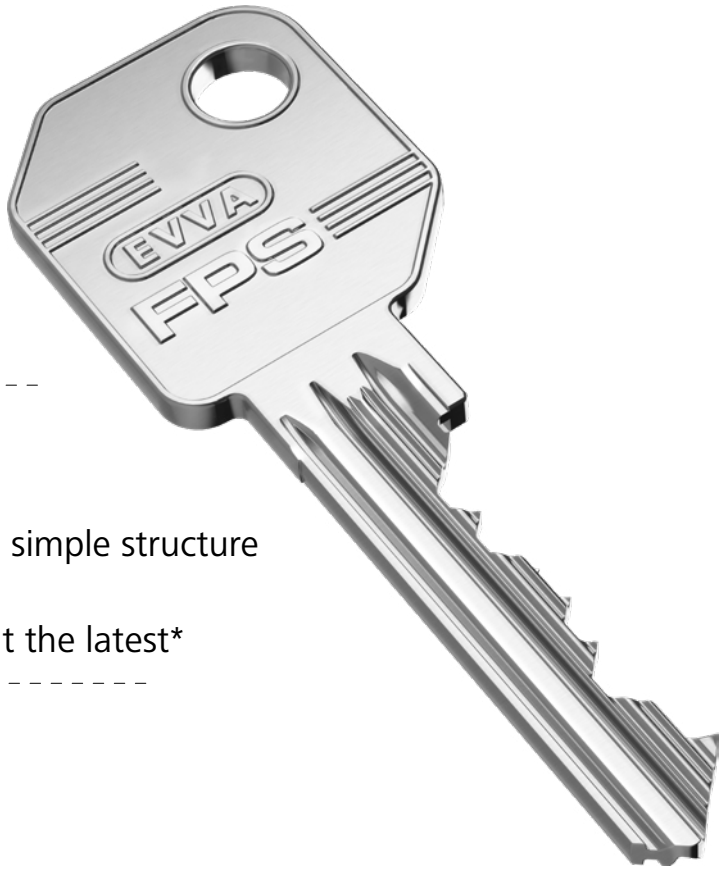
FPS Product catalogue | Subject to misprints and technical changes.

FPS. Branded quality at the best price

FPS provides an excellent and decent level of security and reliable comfort. FPS is suitable for master key systems with a more simple structure. Why opt for a master key system? Access all doors using only a single key – main entrance, front door, basement, letter box. The FPS key is also available as design key in various colours.



FPS benefits at a glance

- One key fits all
- For master key systems with a simple structure
- Branded quality
- Patent protection until 2041 at the latest*

The access system for simply structured master key systems

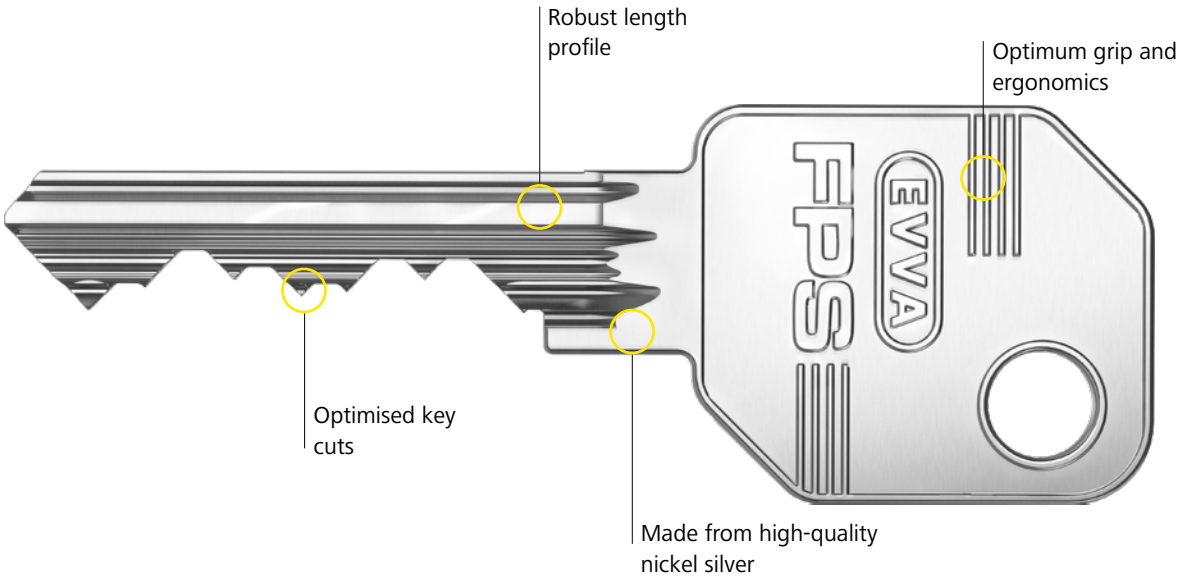
FPS is ideal for small locking systems and clearly defined user groups. For instance on doors within residential complexes or office buildings. In cooperation with qualified partners, EVVA has been providing security technology for a hundred years.

* according to EP3942127 All individual profiles in the FPS system newly created from April 2021 and all FPS factory profiles ordered from April 2021 onwards will technically comply with this new European patent and feature the new design on the key bow. For country-specific patent protection, see worldwide.espacenet.com

FPS Product catalogue | Subject to misprints and technical changes.

FPS. One system, many details

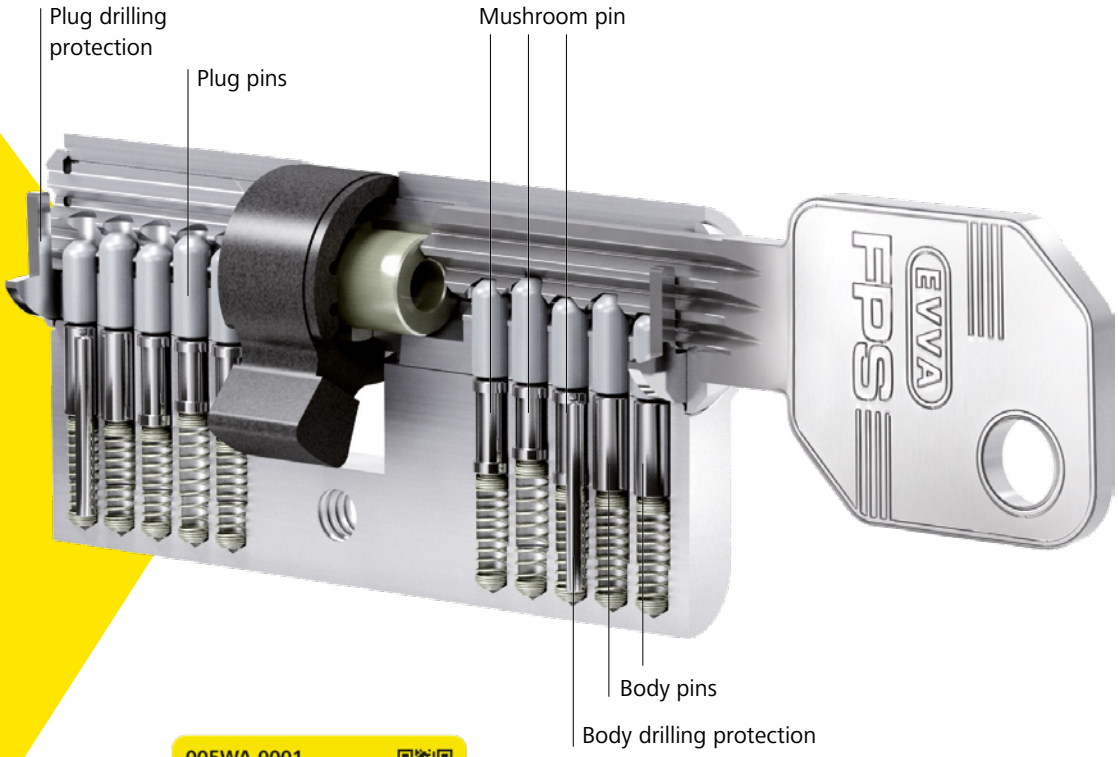
FPS features a spring-loaded pin tumbler system with 5 or 6 active, spring-loaded scanning elements. FPS keys are strong, wear-resistant and durable, nickel silver keys. The authorisation features on FPS keys are verified at two levels in the cylinder lock. FPS cylinders are exclusively manufactured in compact design.



Practical, handy and appealing.

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

Subject to technical changes.



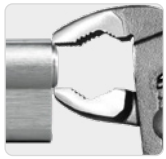
All-round protection:

Key copies, additional cylinders and lock charts are available from authorised EVVA Partners, providing the relevant proof of legitimacy only, i.e. the EVVA security card.

Benefit from the security features

The reliable FPS cylinder technology offers lasting protection against illegal opening methods.

Drilling protection



Pulling protection

Subject to technical changes.

FPS | the versatile range

Page 66 Padlocks

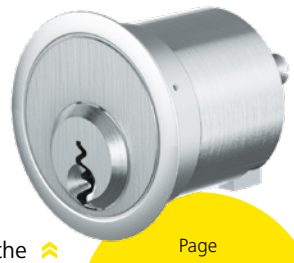
« Solid protection of cabinets and cellar doors.

The all-rounder among cylinder locks - multifunctional, versatile and reliably secure. »

Page 36 Profile cylinder

Page 128 Switch & switching cylinder

» Secure switching and handling is a simple child's play with these cylinders.

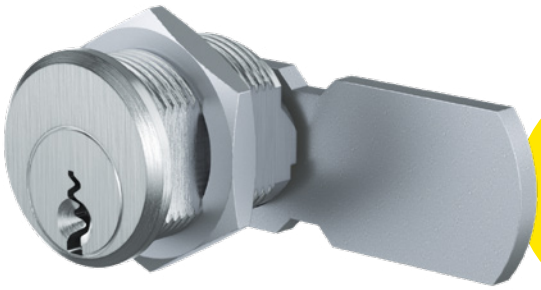


To make things run smoothly in the office, workshop and warehouse - numerous furniture cylinders, all of which can be integrated into a master key system. »

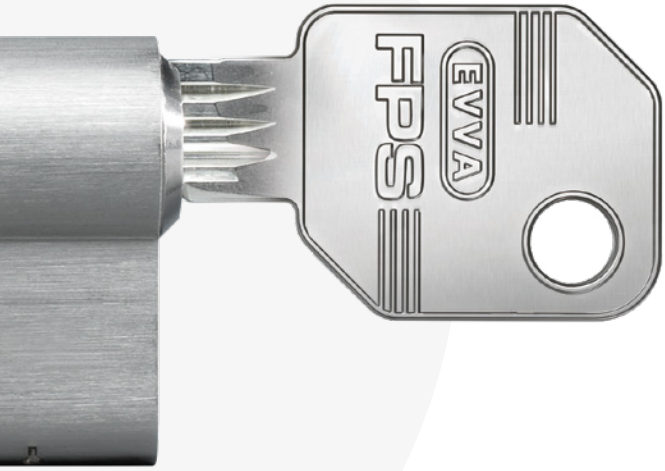
Page 114 Furniture cylinder

FPS Product catalogue | Subject to misprints and technical changes.

Whether for letterboxes or technical distributor cabinets, these cylinders can also be integrated into master key systems

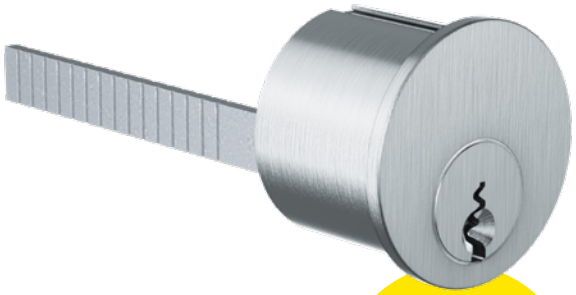


Page 74 Cam lock



Page 26 Keys

A key with features - made of nickel silver and with robust length profile



Whether inside or outside, these cylinders make e.g. rim cylinder for surface mounted lockss even more secure

Page 92 Inside, rim cylinder & outside cylinder

Page 132 Insert cylinder

Always in use and at the same time extremely secure, the insert cylinders for special tasks

FPS Product catalogue | Subject to misprints and technical changes.

System overview | Benefits

Secure building shell
All accesses are well secured with FPS cylinder locks. For exposed, less visible areas, our security options are recommended.

Don't panic
The security of building users has the very highest priority. FPS cylinders meet numerous European standards.

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.

FPS Product catalogue | 05.09.2024 | Subject to technical changes.

A solid investment
Later building extensions and conversions can be easily implemented because master key system reserves are taken into account.

One for all
FPS can also be used to lock barriers or garage doors and other parts of your master key systems.

System overview | Benefits

Low wear
FPS keys are low-wear and durable. They can also be assigned to several cylinders in a simply structured locking system.

Easily organised
A clearly defined locking authorisation concept and the right selection of usage options simplify processes.

Key security
Only the holder of the security card is authorised to copy keys.

Indoor security

Security also plays a major role inside the building. Storage locations for important documents, the management's office - these areas must be secured individually.

At the same time, processes within buildings must also be efficient.
Anyone who is well organised can map this in their new FPS locking system.
The goal: To each his own key, which only locks those areas that the owner is authorised to access.

FPS Product catalogue | Subject to misprints and technical changes.

Burglary and vandalism
The protection of valuables, devices and hazardous goods can be optimally integrated into the master key system.

Controlled lifts
Security areas subdivided according to floors - with the FPS switch and switching cylinders.

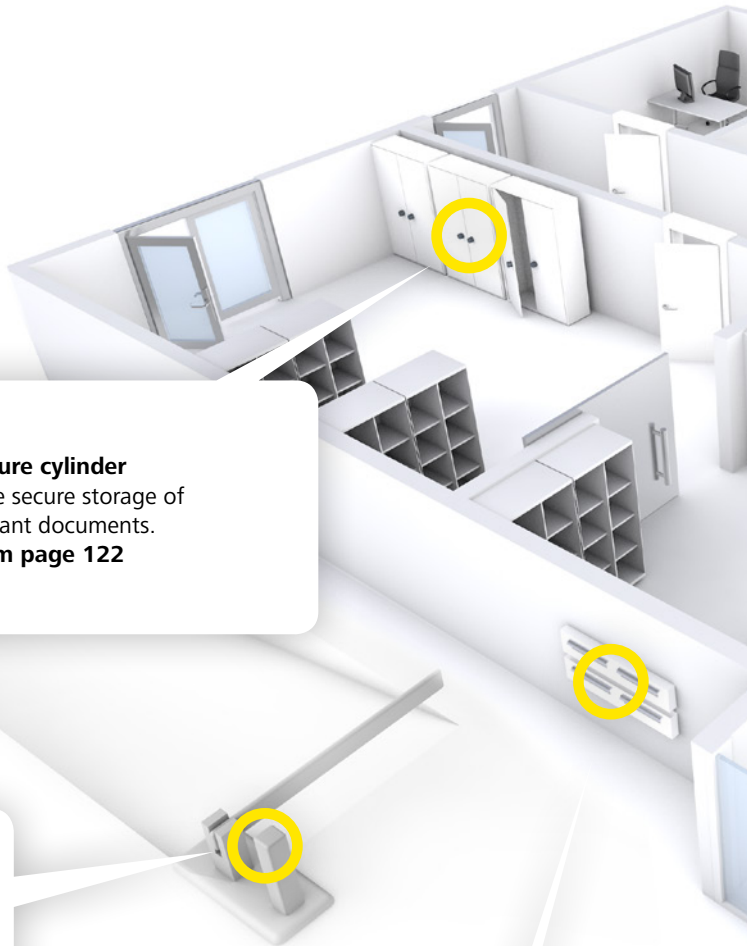
next page
The FPS range of cylinder locks fits familiar installation situations and many more.

FPS Product catalogue | Subject to misprints and technical changes.

System overview | FPS layout

Due to their features and numerous variants and options, FPS cylinder locks can handle all access situations which a locking system may meet.

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.

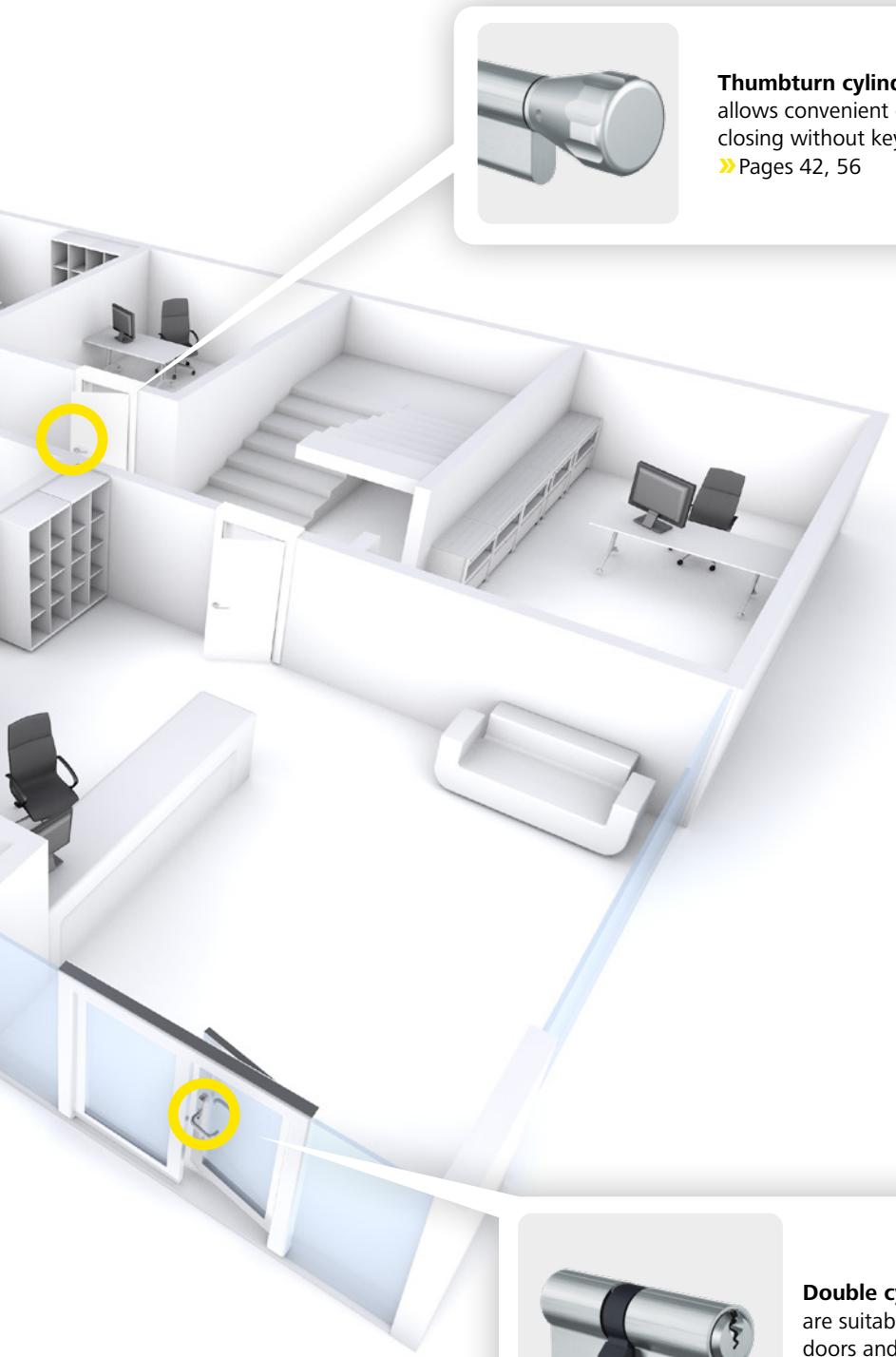


Furniture cylinder
ensure secure storage of important documents.
» **from page 122**

Half cylinder
are suitable for barriers, key switches, lifts and numerous other situations.
» **Page 44**

Cam lock
for mailbox systems and for secure storage in showcases and display cabinets.
» **from Page 78**

FPS Product catalogue | Subject to misprints and technical changes.



Thumbturn cylinder
allows convenient opening and closing without keys.
» Pages 42, 56

Double cylinder
are suitable for inside and outside doors and can be configured with a wide range of variants and options.
» **Page 40, 54**

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

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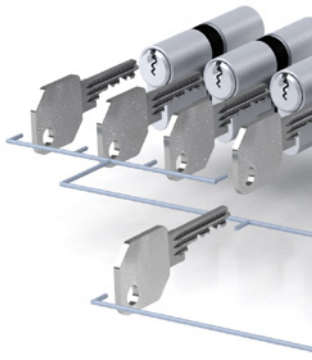


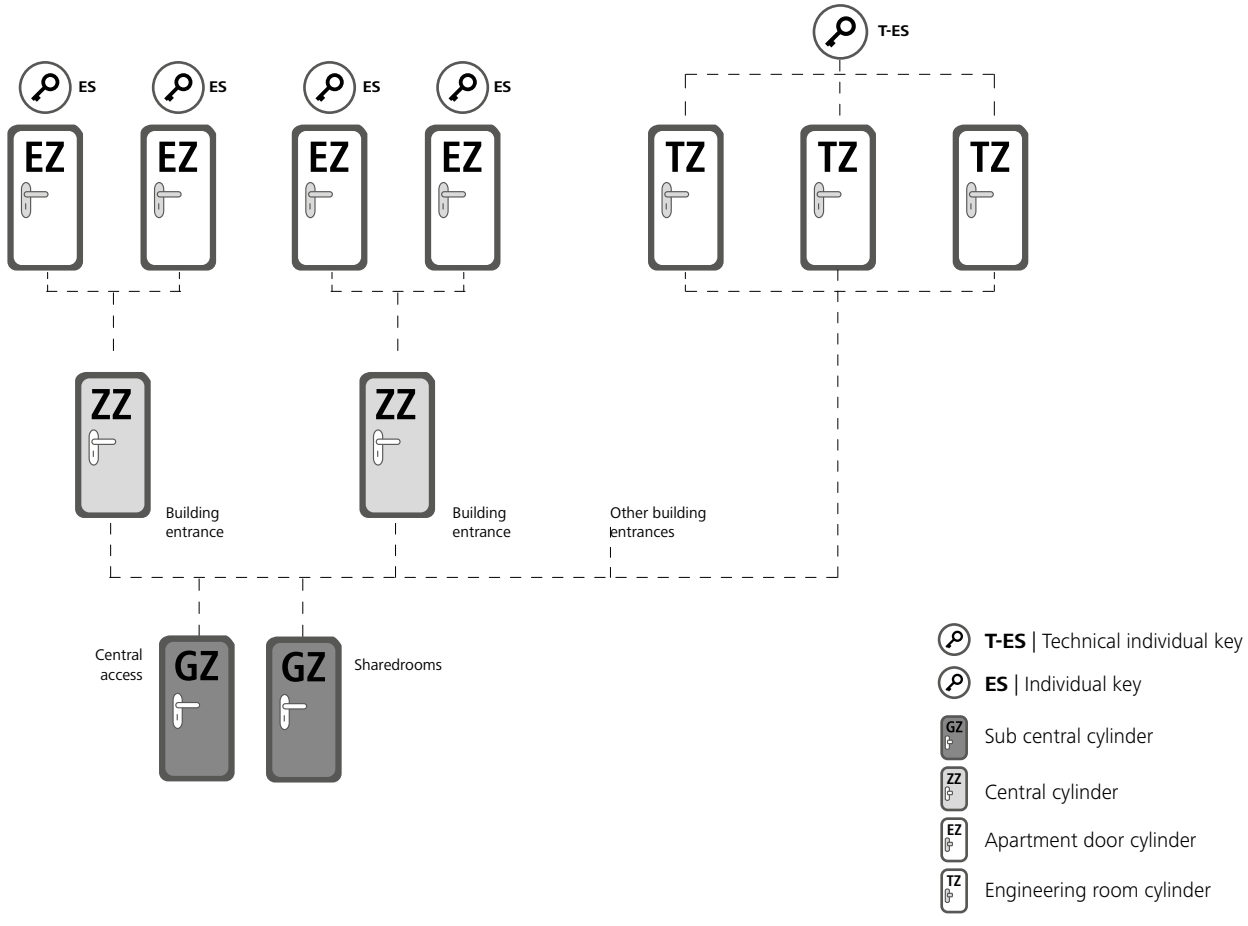
System overview | Master key system & Structure

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

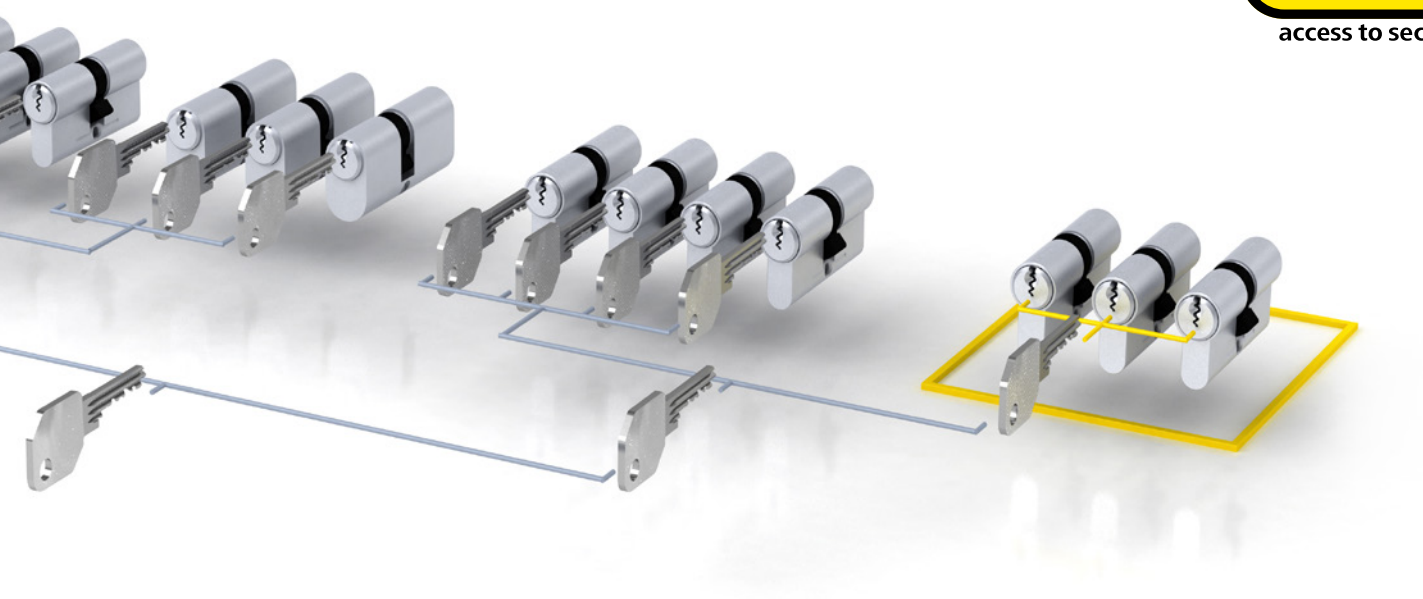
FPS is ideal for small master key systems and clearly defined user groups. For instance on doors within residential complexes or office buildings. Master key system reserves can already be taken into account during the planning stage.

Example of a residential complex

In this locking system, tenants can lock their own doors, entrances and common areas with just one key. There are individual keys for engineering rooms. Future extensions for residential cylinders are taken into account in master key systems. If an individual key (ES) is lost, it can be replaced by a new individual key, which again locks all the central cylinders and sub central cylinders.

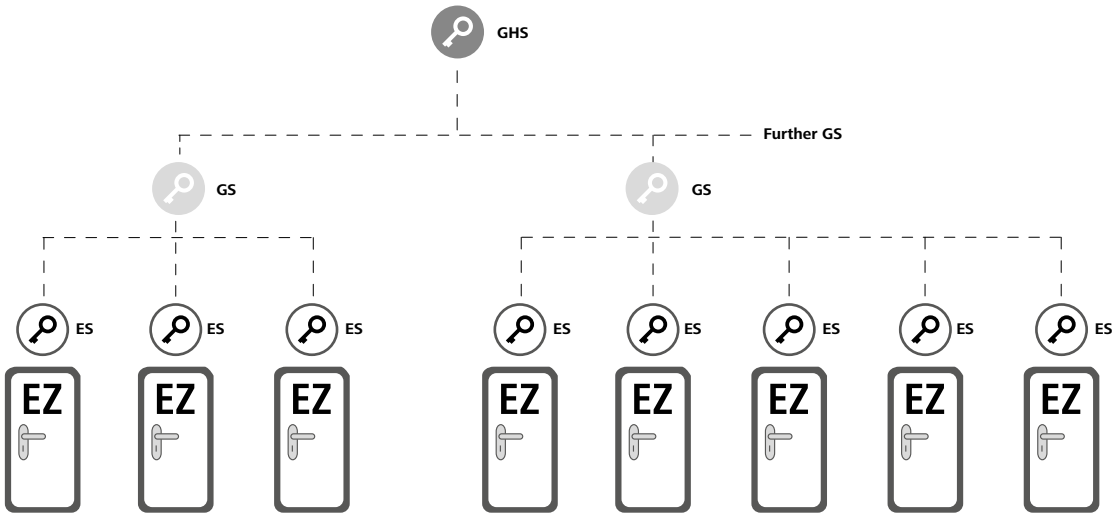


FPS Product catalogue | Subject to misprints and technical changes



Example business premises

In a company building with a simply structured master key system, employees can only lock their doors, lockers, etc., while the managing director can lock everything with the GHS key.



GHS | Grand master key

GS | Master key

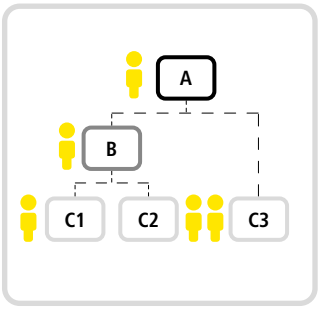
ES | Individual key

Individual cylinder

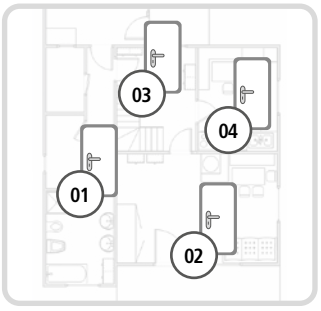
FPS Product catalogue | Subject to misprints and technical changes.

System overview | Processes

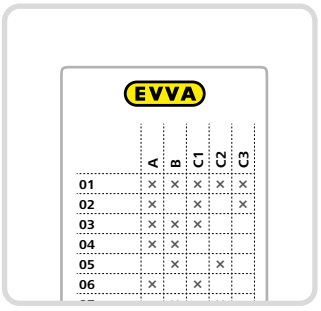
Master key system planning



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 master key system 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.

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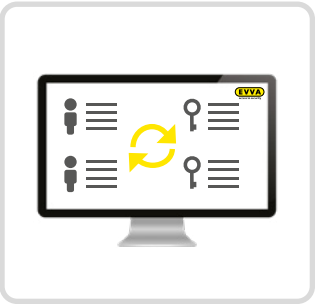
Key management

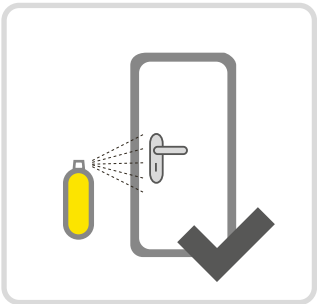
Key handover
We recommend documenting the handover of keys to persons, e.g. using a handover form.



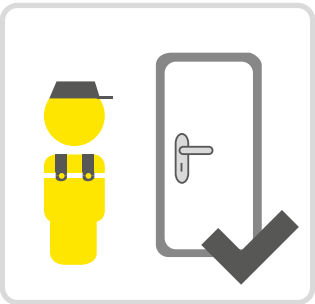
Management software
The use of suitable key management software is recommended for organisations that frequently hand over keys.

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.

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FPS Product catalogue | Subject to misprints and technical changes

Keys

Patented and optimised
The optimised key cuts and the associated, low wear ensure a higher level of security.

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

Elongated key neck
For defenders.

Security card
Repeat order exclusively from an authorised EVVA partner.

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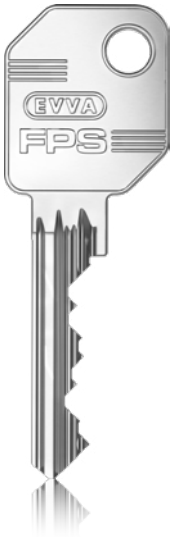
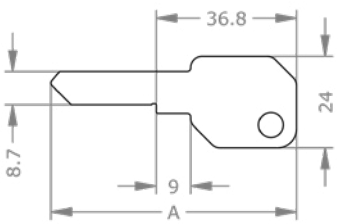
FPS key | Mechanical & electronic

Standard key



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

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Optional technical installation feature	LSH – Long key neck
Optional usage feature	F[…] – Colour dot - Colour | TXT – Customer-specific text
Key length A in mm	FPS5: 64,4 | FPS6: 69,4



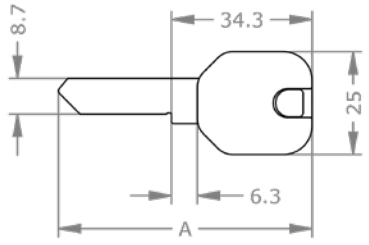
Ordering

	M.[System].SL.[Option]
	FPS key, standard, with long key neck : M.[System].SL.LSH

design key

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

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 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	FPS5: 61,9 | FPS6: 66,9



Ordering

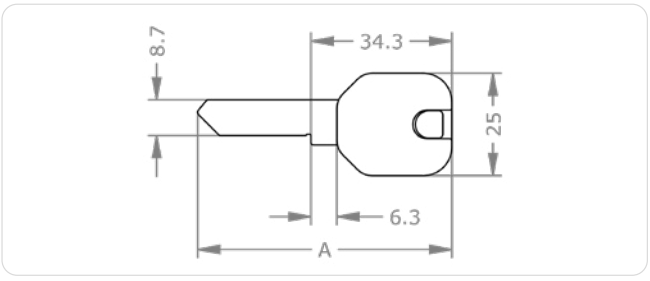
	M.[System].SL.SL-D.[Colour].[Option]
	FPS key, blue design key bow, with long key neck: M.[System].SL.SL-D.BL.LSH

FPS Product catalogue | Subject to misprints and technical changes

Xesar 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 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	FPS5: 61,9 | FPS6: 66,9



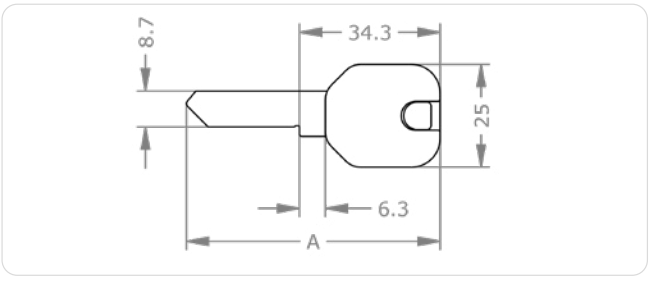
Ordering

	M.[System].SL.SL-X.[Colour].[Option]
	Xesar combi key black in FPS system, with long key neck: M.[System].SL.SL-X.BL.LSH

AirKey combi key

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.

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Colour	BL – Blue | RT – Red | SW – Black
Optional technical installation feature	LSH – Long key neck
Optional usage feature	TXT – Customer-specific text

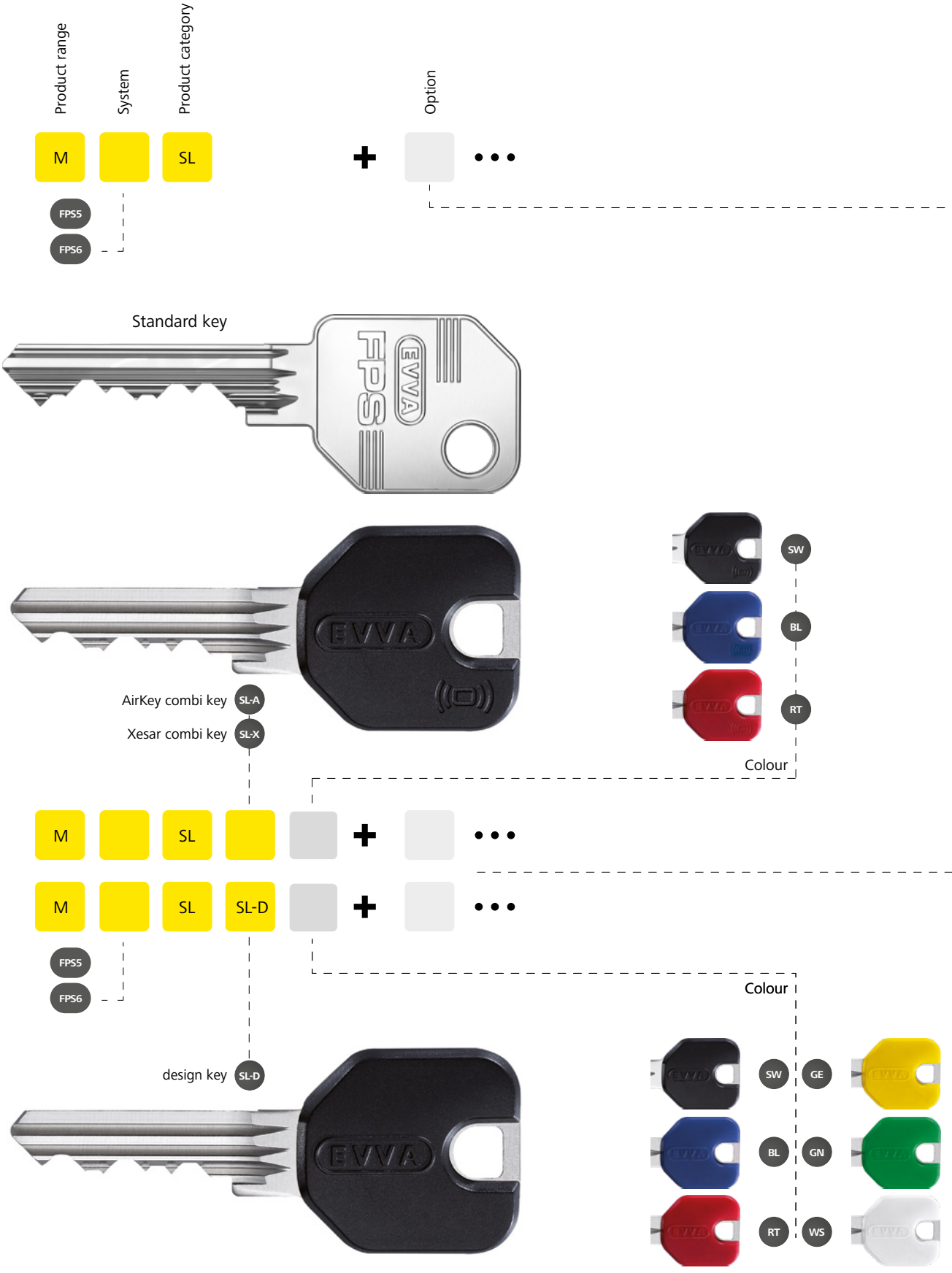


Ordering

	M.[System].SL.SL-A.[Option]
	AirKey combi key in FPS system, with long key neck: M.[System].SL.SL-A.BL.LSH

FPS Product catalogue | Subject to misprints and technical changes.

FPS keys | Versions



FPS Product catalogue | Subject to misprints and technical changes.

Key with long key neck

Customer specific nummeration

Matching options
› see next page

FPS Product catalogue | Subject to misprints and technical changes.

FPS key | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

LSH – Long key neck

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

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

FPS

Sample illustration 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

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FPS Product catalogue | Subject to misprints and technical changes.

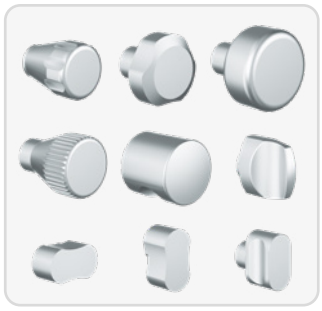
Profile cylinder

Profile cylinder | Benefits

Design

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

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

Lockable from both sides
When a key is inserted on the inside, it can be locked from the outside with the BSZ option.

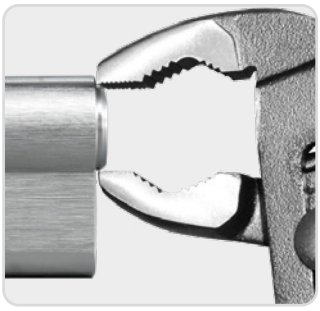
FPS Product catalogue | Subject to misprints and technical changes.

Engineering

Additional benefits

› Security options such as international security certifications

Drilling protection
Robust chrome vanadium elements in FPS cylinders protect against destructive opening techniques. Additional security elements offer high attack resistance.



Pulling protection
FPS is optionally available with tungsten carbide drawing protection.

Assembly

Simple installation
The cylinder is fixed in the lock in just a few simple steps.

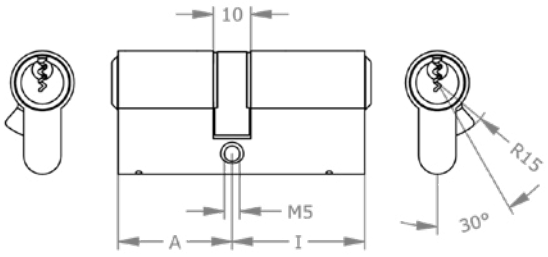
Simple installation
Easy installation in key switches using the optional threaded hole on the rear.

FPS Product catalogue | Subject to misprints and technical changes.

FPS Euro profile | DZ double cylinder

View from the outside

View from the inside



Standards and guidelines

EN 1303 160B0C4B · EN 1303 160B0C6B · 90 min · B 5351 GEPRÜFT W.6-BZ · NBÚ · IMP · SKG Option

Product description
The FPS Euro profile double cylinder in compact design 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, make sure that the protrusion does not exceed 3 mm!
» **Page 55**

Application examples

Metal frame doors
The cylinder is suitable for installation in metal frame doors and emergency exit doors as well as office building doors.

Full-leaf doors
The cylinder is suitable for installation in full-leaf doors, office and house entrance doors as well as internal office doors.

External key override cylinder
This option makes it possible to operate the cylinder with a key from the outside even if a key is inserted on the inside.

FPS Product catalogue | Subject to misprints and technical changes

Technical information

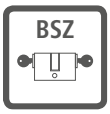
System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	27[1] | 31 | 36 | 41 | +5 …
Cylinder length on the inside I in mm	27[1] | 31 | 36 | 41 | +5 …
Finish	NI – Nickel | MS – Brass | NP – Polished Nickel | NPV – Nickel fully polished | 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
Optional security features	ARS – Protection against plug pulling and snapping | CLA – Clasroom function | 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 – Preteterminated Breaking Point | SKG2-[…] – SKG ** 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 cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Standards and guidelines	FPS5 EN 1303:2015 160B0C4B | FPS6 EN 1303:2015 160B0C6B | 90 minutes | ÖNORM B5351: WZ6-BZ | ČSN EN 1627 - Security class 3 | Option SKG**
Technical installation situation	for mortise locks according to DIN, ÖNORM and rim 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

Protection against dust and weather influence

tested as per SKG guidelines

increased pulling protection/ drilling protection

Cogwheel cam

Versions see » **Page 52**
Options see » **Page 56**

Ordering

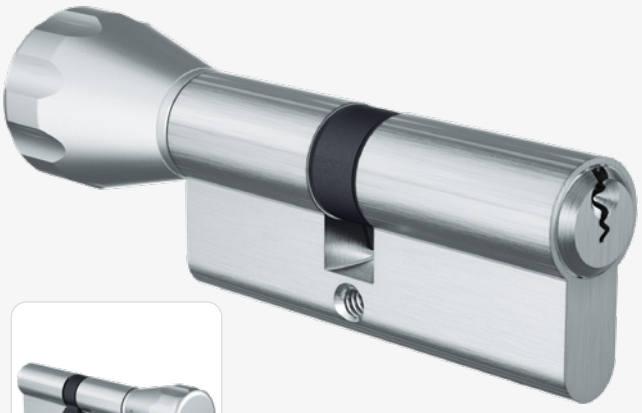
	M.[System].PZ.DZ.[Outside cylinder length A in mm/Inside cylinder length I in mm]. [Surface].[Option]
	FPS 5-pin double cylinder with Euro profile in compact design, outside 31 mm, inside 36 mm, nickel finish, with BSZ option for external key override: M.FPS5.DZ.31/36.NI.BSZ

[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS Euro profile | Thumbturn cylinder KZ

View from the outside



View from the inside

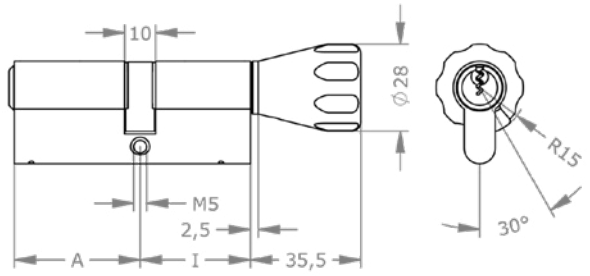


Illustration with standard thumbturn KK - cone thumbturn

Standards and guidelines

EN 1303 160B0C4B · EN 1303 160B0C6B · 90 min · B 5351 GEPRÜFT W.6-BZ · NBÚ · IMP · SKG Option

Product description
The FPS Euro profile thumbturn cylinder in compact design is suitable for use in external and internal 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, make sure that the protrusion does not exceed 3 mm!
»**Seite 55**

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.

FPS Product catalogue | Subject to misprints and technical changes

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	27[1] | 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 | S0S – SOS function | SKG2-A – SKG ** certified outside | ZH-A – Hard metal plug pulling protection outside
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 cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Standards and guidelines	FPS5 EN 1303:2015 160B0C4B | FPS6 EN 1303:2015 160B0C6B | 90 minutes | ÖNORM B5351: WZ6-BZ | ČSN EN 1627 - Security class 3 | Option SKG**
Technical installation situation	for mortise locks according to DIN, ÖNORM and rim 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

SOS function

Protection against dust and weather influence

Classroom

tested as per SKG guidelines

Cogwheel cam

Versions see » **Page 54**
Options see » **Page 56**

Ordering

	M.[System].PZ.KZ.[Outside cylinder length A in mm/Inside cylinder length I in mm]. [Surface].[Thumbturn design]. [Thumbturn finish].[Option]
	FPS 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.FPS5.KZ.31/K36. NI.KK.K-NI.SOS

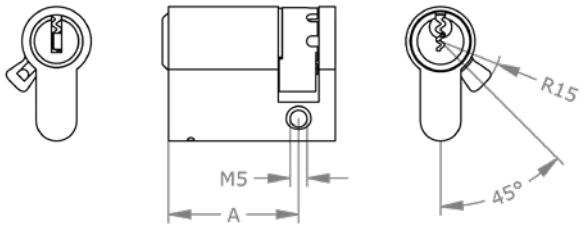
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS Euro profile | HZ half cylinder

View from the outside

View from the inside



Standards and guidelines

EN 1303 160B0C4B · EN 1303 160B0C6B · 90 min · B 5351 GEPRÜFT W.6-BZ · NBÚ · IMP · SKG Option

Product description

The FPS Euro profile half cylinder in compact design 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 an authorised key. 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.

FPS Product catalogue | Subject to misprints and technical changes

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in 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	FZG – Free wheel function for gear locks | KZ-A – Increased plug pulling and drilling protection outside | SKG2-[…] – SKG ** certified | ZH-A – Hard metal plug pulling protection outside
Optional technical installation feature	2GW[…] – Double rear fixing for HZ | BIF – Double cam Biffar® | 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 cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Standards and guidelines	FPS5 EN 1303:2015 160B0C4B | FPS6 EN 1303:2015 160B0C6B | 90 minutes | ÖNORM B5351: WZ6-BZ | ČSN EN 1627 - Security class 3 | Option SKG**
Technical installation situation	For mortise locks according to DIN, ÖNORM, rim 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

2 threaded holes

Protection against dust and weather influence

tested as per SKG guidelines

increased pulling protection/ drilling protection

Cogwheel cam

Versions see » **Page 52**
Options see » **Page 56**

Ordering

	M.[System].PZ.HZ.[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin half cylinder in Euro profile in compact design, 31 mm, nickel finish, with M4 thread option: M.FPS5.PZ.HZ.31.NI.2GW4

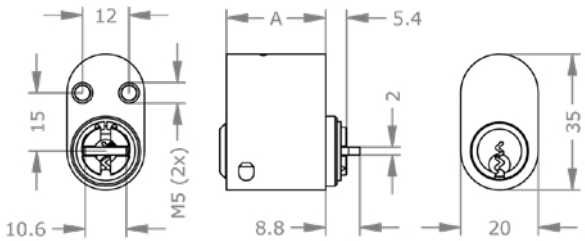
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS Scandinavian oval profile | Outside cylinderSKA

View from the outside

View from the inside



Product description
The FPS 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. Potential applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 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 length on the outside A in mm	FPS5: 26 | FPS6: 31
Security features	Pin tumbler system cylinder with 5, 6 or 7 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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 AZ37.SEC
Included components	Cylinder lock without screws

Application examples

Outside door, outer side
Automatically locks and unlocks doors. Can also be retrofitted into an existing master key system.

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

Ordering

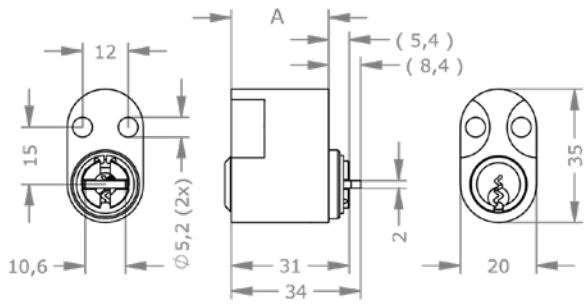
	M.[System].PZ.SKA.[Surface].[Length].[Option]
	FPS Scandinavian oval profile 5-pin outside cylinder, nickel plated and Temporary Access Function: M.FPS5.PZ.SKA.31.NI.TAF-A

FPS Product catalogue | Subject to misprints and technical changes

FPS Scandinavian oval profile | Inside cylinder SKI

View from the outside

View from the inside



Product description
The FPS Scandinavian 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. Potential applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 technical installation feature	SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text | VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 26 | FPS6: 31
Security features	Pin tumbler system cylinder with 5, 6 or 7 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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	Lock cylinder with 2 M5x40 fixing screws

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 installation in full-leaf doors, office and house entrance doors as well as internal office doors.

Ordering

	M.[System].PZ.SKI.[Length].[Finish]
	FPS Scandinavian oval profile inside cylinder 5-pin, nickel finish: M.FPS5.PZ.SKI.31.NI

FPS Product catalogue | Subject to misprints and technical changes.

FPS Portal | Double cylinder PDZ

View from the outside

View from the inside

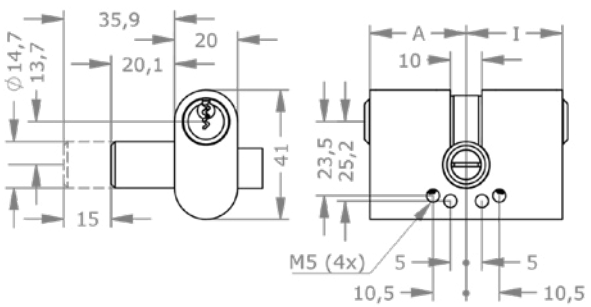


Illustration with standard thumbturn KK - cone thumbturn

Product description

The FPS portal double cylinder in compact design is suitable for portal doors. It locks directly into the prepared socket using an integrated bolt without a 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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 technical installation feature	BL-[…] – blind cylinder | SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text | VAR – VARIO
Accessories	Spray FinLube | Cylinder fixing screw
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For use in portal doors without rim lock

Ordering

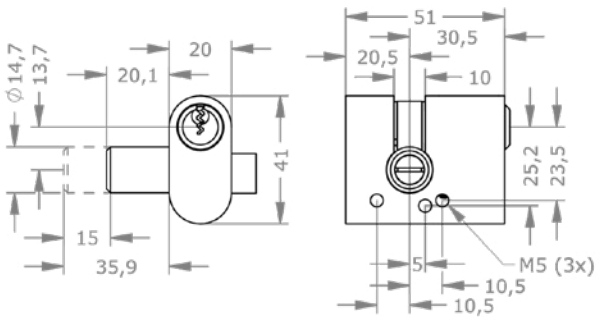
	M.[System].PZ.PDZ.[Outside cylinder length A in mm/Inside cylinder length I in mm]. [Surface]. [Option]
	FPS Portal double cylinder 5-pin, outside 31 mm, inside 36 mm, nickel finish, with VARIO option: M.FPS5.PZ.PDZ.31/36.NI.VAR

FPS Product catalogue | Subject to misprints and technical changes

FPS portal | Half cylinder PHZ

View from the outside

View from the inside



Product description

The FPS portal half cylinder in compact design is suitable for portal doors. It locks directly into the prepared socket using an integrated bolt without a rim lock. The cylinder can be locked from one side using the authorised keys. Potential applications are display cabinets and shop windows.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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	SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text | VAR – VARIO
Accessories	Spray FinLube | Cylinder fixing screw
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For use in portal doors without rim lock
Included components	Cylinder lock without screws

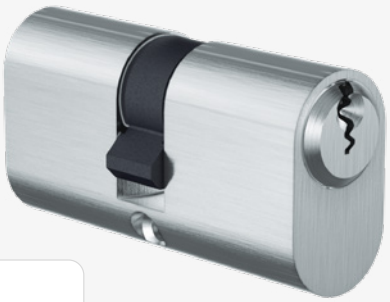
Ordering

	M.[System].PZ.PHZ.[Outside cylinder length A in mm].[Finish].[Option]
	FPS Portal half cylinder 5-pin, length 31 mm, nickel finish, seawater protection optional: M.FPS5.PZ.PHZ.31.NI.SEW

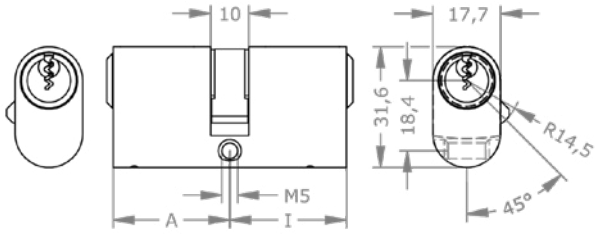
FPS Product catalogue | Subject to misprints and technical changes.

FPS UK oval profile | Double cylinder 0DZ

View from the outside



View from the inside



Product description

The FPS 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. Potential applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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	FL1 – Free wheel function | SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text | VAR – VARIO
Accessories	Spray FinLube | Cylinder fixing screw
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For mortise locks suitable for UK oval profile | Cam width 9.5 mm
Included components	Cylinder lock with mounting screw M5

Ordering

	M.[System].PZ.0DZ.[Outside cylinder length A in mm/Inside cylinder length I in mm]. [Surface]. [Option]
	FPS Oval profile double cylinder 5-pin, outside 31 mm, inside 36 mm, nickel finish, optional blind outside: M.FPS5.PZ.0DZ.31/36.NI.BSZ

FPS Product catalogue | Subject to misprints and technical changes.

FPS UK oval profile | Thumbturn cylinder 0KZ

View from the outside

View from the inside

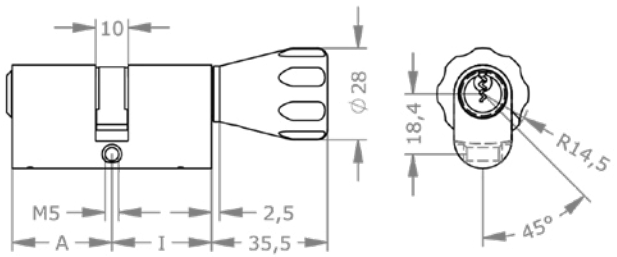


Illustration with standard thumbturn KK - cone thumbturn

Product description

The FPS UK 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. Potential applications are doors to residential properties or offices, connecting doors, metal frame doors and security doors.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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	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	PBP – Preteterminated Breaking Point
Optional technical installation feature	FL1 – Free wheel function | SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text | VAR – VARIO
Accessories	Spray FinLube | Cylinder fixing screw
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For mortise locks suitable for UK oval profile | Cam width 9.5 mm

Ordering

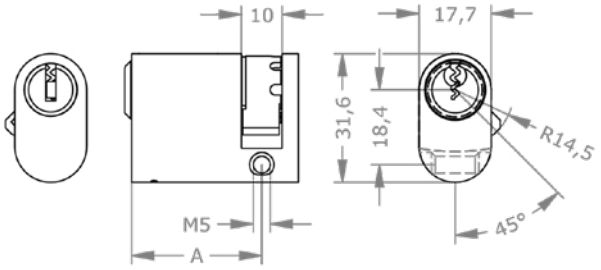
	M.[System].PZ.0KZ.[Outside cylinder length A in mm/Inside cylinder length I in mm].[Surface].[Thumbturn Thumbturn design].[Thumbturn finish].[Option]
	FPS 5-pin oval profile thumbturn cylinder, outside 31 mm, inside 36 mm, nickel finish, with KK thumbturn and optional priority function: M.FPS5.PZ.0KZ.31/K36.NI.KK.NI.SOS

FPS Product catalogue | Subject to misprints and technical changes.

FPS UK oval profile | Half cylinder 0HZ

View from the outside

View from the inside



Product description

The FPS UK half cylinder in compact design with 8-fold adjustable 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 an authorised key. Potential applications are key switches for garage doors, roller shutters and activation devices.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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	BL-[…] – blind cylinder | FL1 – Free wheel function | SEW – Sea water protection
Optional usage feature	TXT – Customer-specific text | VAR – VARIO
Accessories	Spray FinLube | Cylinder fixing screw
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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

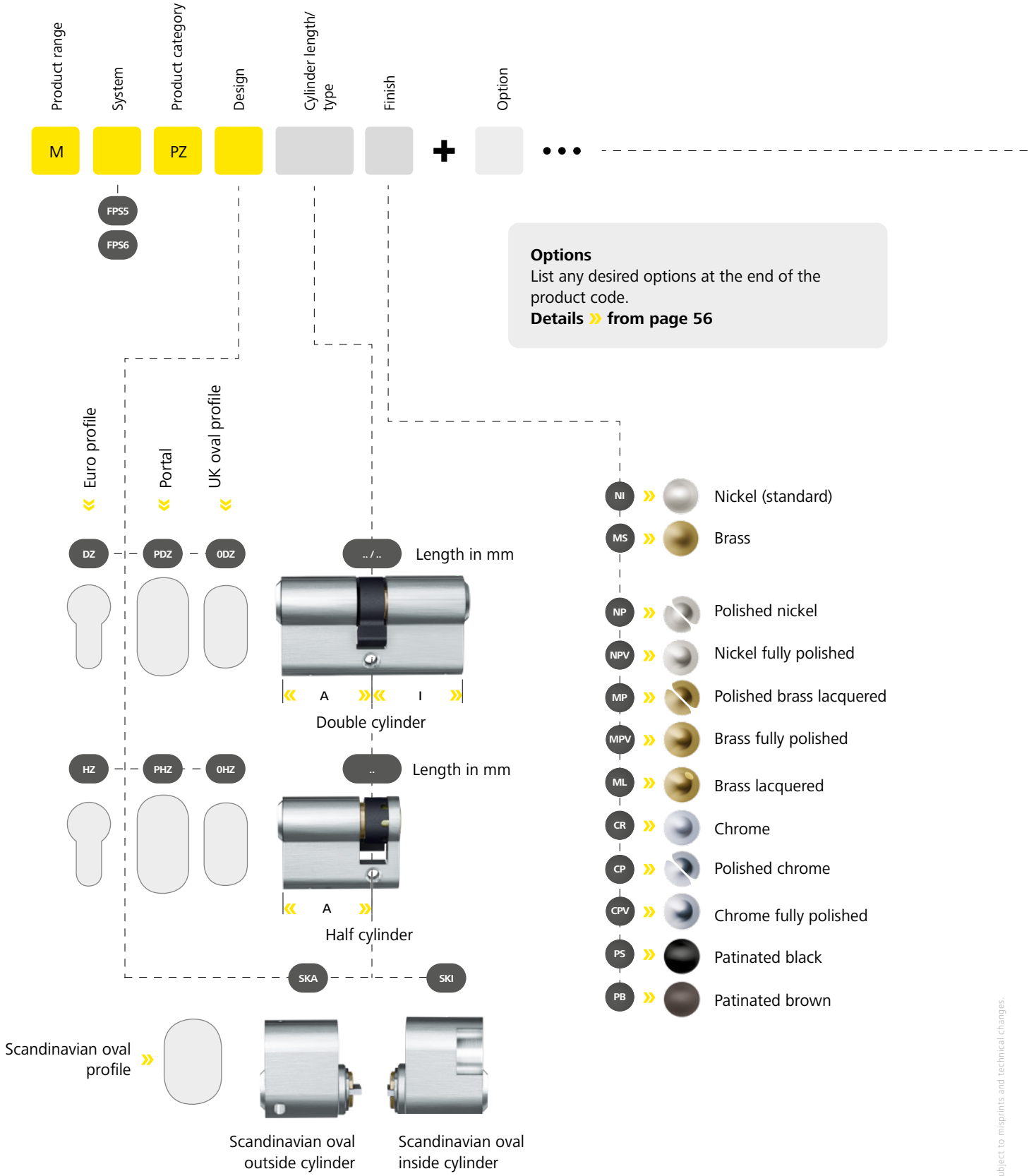
Ordering

	M.[System].PZ.0HZ.[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin oval profile half cylinder, length 31 mm, nickel finish, seawater protection optional: M.FPS5.PZ.0HZ.31.NI.SEW

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

FPS profile cylinder | Versions



FPS Product catalogue | Subject to misprints and technical changes.

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

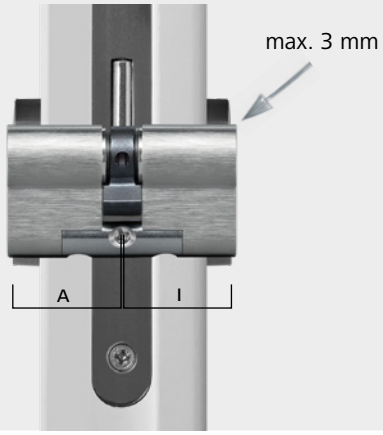
Details » from page 70

Availability of options depends on type

● Available:

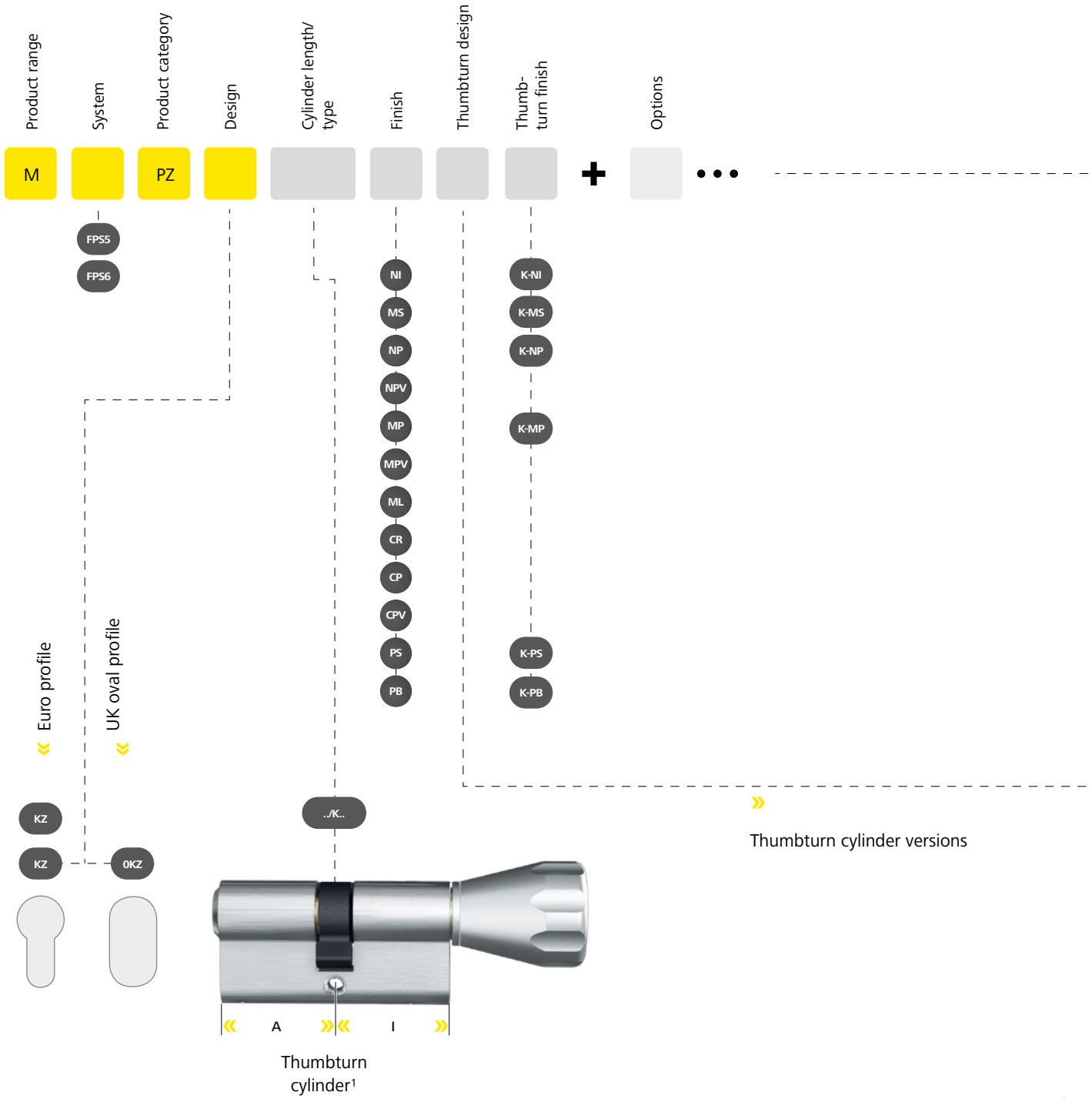
	BIF	BL-A	BL-I	BSZ	FZG	KZ-A	KZ-I	KZ-B	NS-A	NS-I	NS-B	PBP-A	SEW	SKG2-A	SKG2-I	SKG2-B	SW-A	SW-I	SW-B	USH	VAR	Z10	Z18	ZVS-A	ZVS-I	ZVS-B
DZ	●	●	●	●	●			●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
HZ	●				●	●			●				●	●			●				●	●	●	●		
SKA						●			●				●								●					
SKI							●			●			●								●					
PDZ		●	●										●								●					
PHZ													●								●					
0DZ												●	●								●					
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.



FPS Product catalogue | Subject to misprints and technical changes.

FPS profile cylinder | Versions



¹ Illustrations of Euro profile cylinder. Also available in UK oval profile.

FPS Product catalogue | Subject to misprints and technical changes.

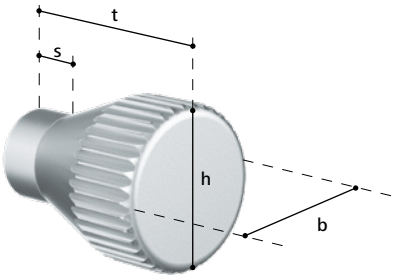
Note on additional options A,I,B

- 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:

	ARS	BIF	CLA	KZ-A	NS-A	PBP-A	SEW	SKG2-A	SOS	SW-A	VAR	Z10	Z18	ZVS-A	ZVS-I	ZVS-B
KZ	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
0KZ		●	●		●	●	●		●		●					



KK AK RK

MK GK FK

X1K 0K 0KA

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

ATA N0K Without thumbturn

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 knurl 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

Suitable options/accessories

› see next page

FPS Product catalogue | Subject to misprints and technical changes.

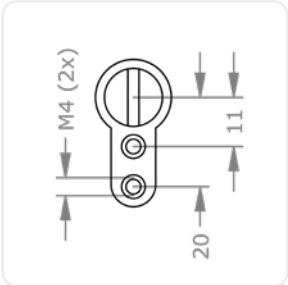
FPS profile cylinder | Options & Accessories

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



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

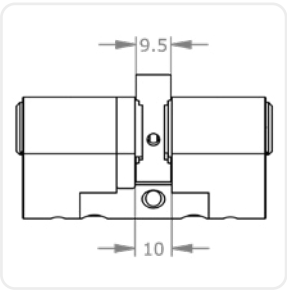
Sample illustration

BIF – Double cam Biffar®

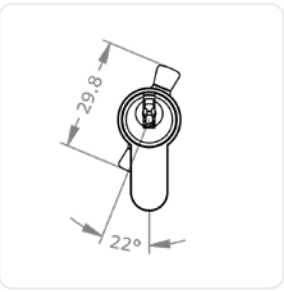
Cam with two teeth. For use in Biffar® doors.

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

Sample illustration



Sample illustration



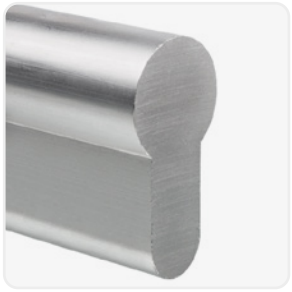
Sample illustration

FPS Product catalogue | Subject to misprints and technical changes.

BL-[…] – blind cylinder

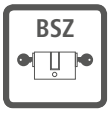
The blind cylinder side is made entirely of body material, it has no locking function and is not suitable for use on the attack side of burglary-resistant doors.

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

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

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

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 degree free-wheel cam when key is not inserted. Coupling engaged when the key tip is inserted.

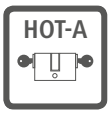
Technical specifications	Forced decoupling of the cam | tested in accordance with the PIV guidelines.
Product code	FZG
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.FZG

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.

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

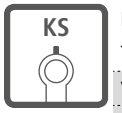
FPS Product catalogue | Subject to misprints and technical changes.



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).

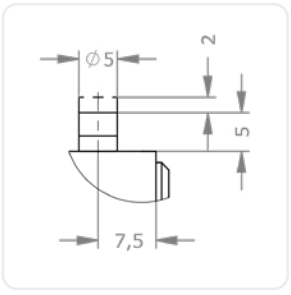
Technical specifications	for DC ≥ 31/31
Product code	H0T-A
Ordering example for option	M.[System].PZ.DZ.31/31.NI.HOT-A



KS-[…] – Contact pin

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

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

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

FPS Product catalogue | Subject to misprints and technical changes.

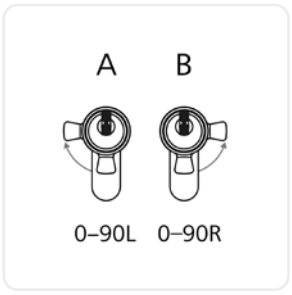
FPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

LW[…] – Free travel

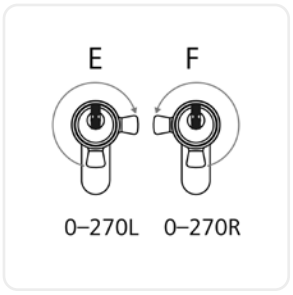
For use in switches or locking elements where the cam cannot be turned 360°, but where the key should be withdrawn again. With free travel, the cam is not carried through the entire 360° of key movement, but only over a defined range.

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



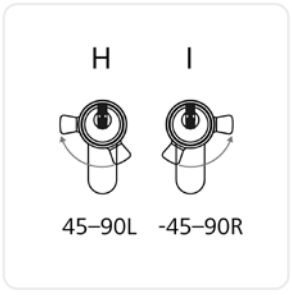
LWA, LWB

LWC, LWD



LWE, LWF

LWG



LWH, LWI

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

Sample illustration

FPS Product catalogue | Subject to misprints and technical changes.

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

S0S – SOS function

The cylinder side to be operated using the key is provided with a priority function.

Product code	S0S
Ordering example for option	M.[System].PZ.KZ-S.31/K36.NI.KK.K-NI.SOS

SEW – Sea water protection

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

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

Sample illustration

FPS Product catalogue | Subject to misprints and technical changes.

FPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

SKG2-[…] – SKG ** certified

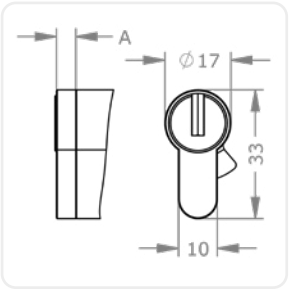
SKG-certified cylinder lock with increased resistance to destructive and covert opening techniques. For installation in high-risk security areas.

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

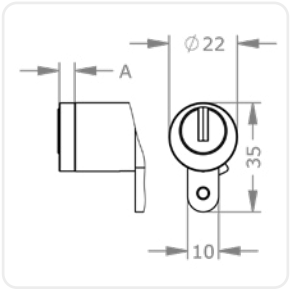
SW-[…] – Dust and weather cover

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

FPS Product catalogue | Subject to misprints and technical changes.

TXT – Customer-specific text

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

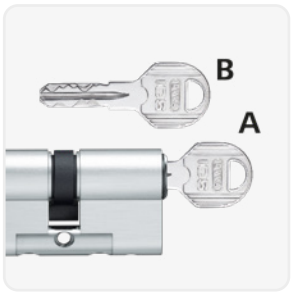
Product code	TXT
Ordering example for option	M.[System].PZ.DZ-S.31/31.NI.TXT

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS profile cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

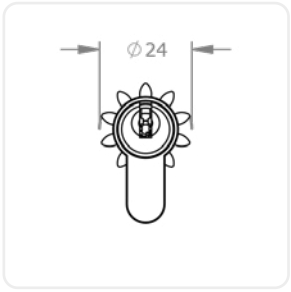
Z

Z[…] – Cog wheel cam

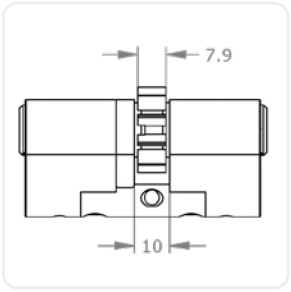
These cylinder locks are designed for multi-point locks, bolt locks or special mortise locks that are operated via a geared ring or a toothed rack.

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

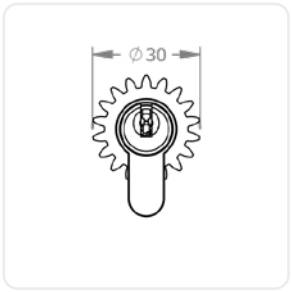


Sample illustration Z10

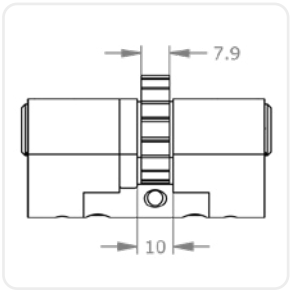


Sample illustration Z10

Sample illustration Z18



Sample illustration Z18



Sample illustration Z18

ZH

ZH-B – Hard metal plug pulling protection both sides

Cylinder with carbide drill protection to comply with EN 1303:2015 pulling protection

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

ZS

Cylinder fastening screw for mounting the profile cylinder in the mortise lock

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

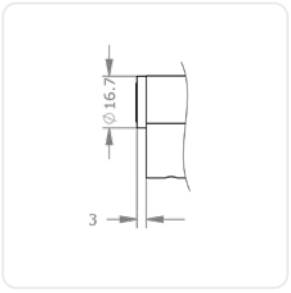
FPS Product catalogue | Subject to misprints and technical changes

ZVS

ZVS-[…] – Reduced cylinder body

Cylinder lock with reduced body, e.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

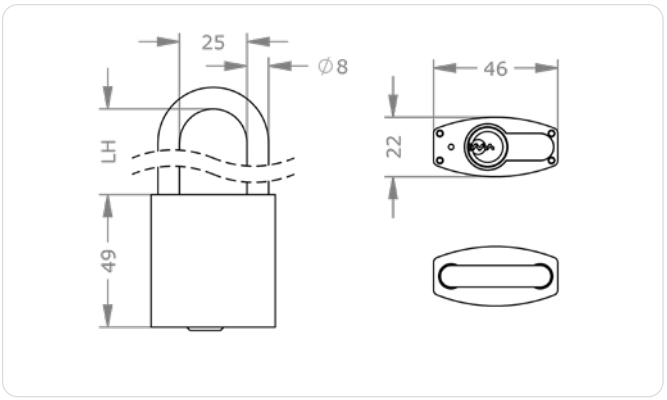
FPS Product catalogue | Subject to misprints and technical changes.

Padlock

Wide selection
Our padlocks can be integrated into any FPS master key system.

Secure in the cellar
Whatever you store in your cellar, it's safe and secure.

FPS Padlock | HM24



Product description
The FPS 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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.

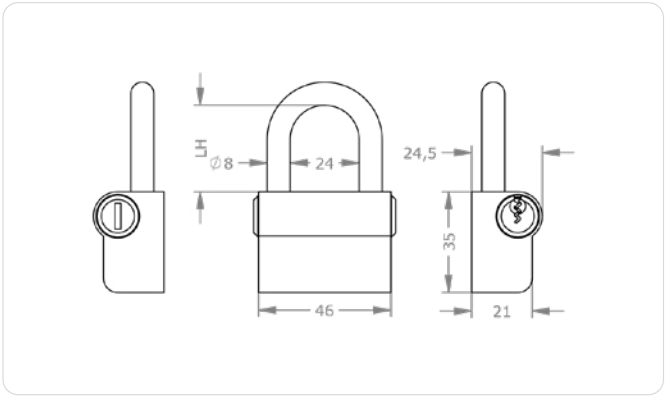
Barriers
Highly suitable for protection against the unauthorised opening and closing of barriers.

Ordering

	M.[System].HA.H30.[S/N clear height in mm].[Finish].[Option]
	FPS padlock 5-pin HM24, with stainless steel shackle, clearance height of 50 mm, nickel finish and rain drain hole: M.FPS5.HA.HM24.N50.NI.SW-A

FPS Product catalogue | Subject to misprints and technical changes.

FPS Padlock | H24



Product description
The FPS padlock H24 has a shackle with a clearance width of 24 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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.

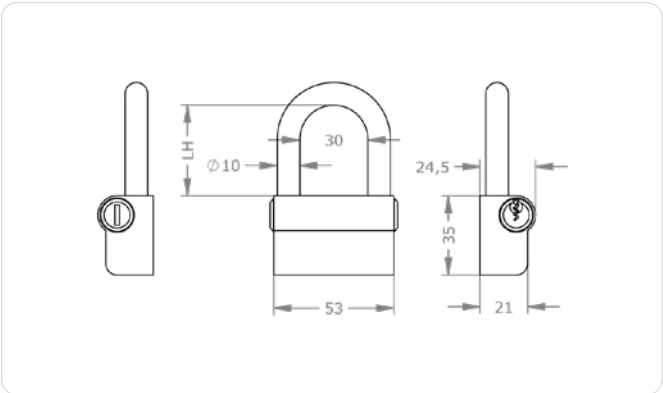
Barriers
Highly suitable for protection against the unauthorised opening and closing of barriers.

Ordering

	M.[System].HA.H24.[S/N clear height in mm].[Finish].[Option]
	FPS padlock 5-pin H24, with stainless steel shackle, clearance height of 50 mm, nickel finish and rain drain hole: M.FPS5.HA.H24.N50.NI.RL

FPS Product catalogue | Subject to misprints and technical changes.

FPS Padlock | H30



Product description
The FPS 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Niro/steel shackle variant, clear height in mm	S17 | S30 | N30 | N40 | N50 | N60 | N70 | N80 | N90 | N100 | N120 | N150 | N180 | N200 | N240
Finish	NI – Nickel
Optional technical installation feature	RL – Drain hole
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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.

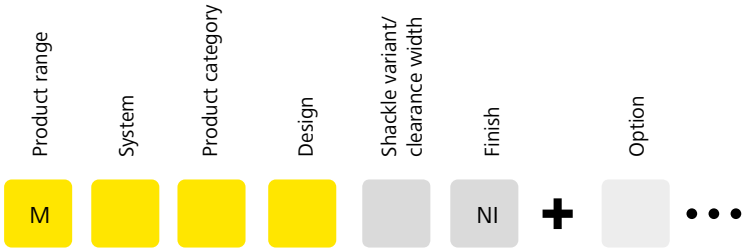
Barriers
Highly suitable for protection against the unauthorised opening and closing of barriers.

Ordering

	M.[System].HA.H30.[S/N clear height in mm].[Finish].[Option]
	FPS padlock 5-pin H30, with stainless steel shackle, clearance height of 50 mm, nickel finish and rain drain hole: M.FPS5.HA.H30.N50.NI.RL

FPS Product catalogue | Subject to misprints and technical changes

Versions



HA-S — HM24

Standard design
Clearance width 24 mm.
Either stainless steel or steel shackle.

HA — H24

Standard design
Clearance width 24 mm.
Either stainless steel or steel shackle.

HA — H30

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

LH mm	HM24	H24	H30	HM24	H24	H30
15	S15	S15A			N15A	
20			S20A			N20A
30	» S30	» S30		» N30	» N30	
40		S40	» S40	N40	N40	» N40
50		S50	S50	N50	N50	N50
60		S60	S60	N60	N60	N60
70		S70		N70	N70	
80		S80	S80	N80	N80	N80
90		S90		N90		
100		S100	S100	N100	N100	N100
110					N110	N110
120			S120	N120	N120	N120
150		S150	S150	N150		N150
165			S165		N165	N165
180		S180		N180		
200		S200	S200	N200		N200
240			S240			N240

» Standard

FPS Product catalogue | Subject to misprints and technical changes.

FPS padlocks | Options & Accessories

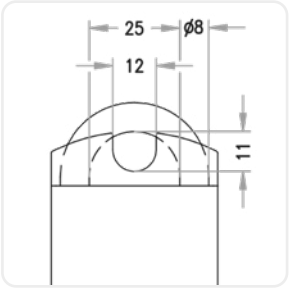
Illustrations and ordering examples are shown in deviating systems.

BS

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



FINLUBE

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

RL

RL – Drain hole

Drainage hole in padlock bodies for draining rain and condensation water.

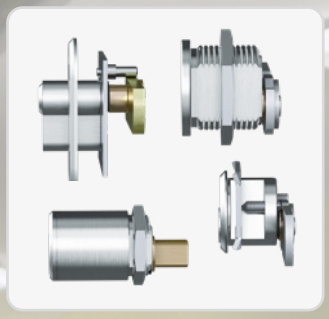
Product code	RL
Ordering example for option	M.[System].HA.H24.N30.NI.RL

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

Cam lock



Wide range
Cylinders available in numerous sizes and diameters.

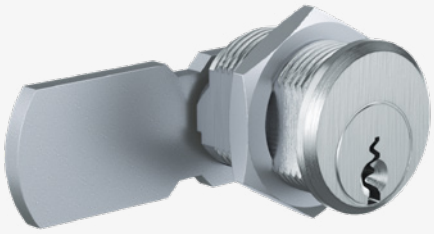
Locking direction can be selected
Depending on the installation position, the locking direction can be defined as required.

Many cams
Different types for versatile installation situations.

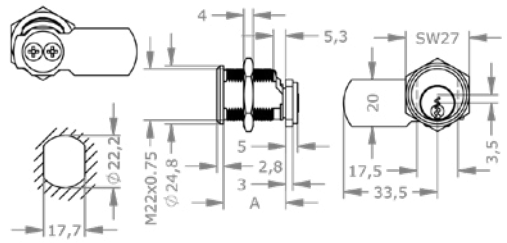
FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | MB22

View from the outside



View from the inside



Application examples

Distribution cabinets
Thanks to the cam lock you can even integrate technical distribution cabinets into the master key system.

Product description
The FPS cam lock MB22 locks boxes and cabinets with a locking cam at 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 cabinets and technical distribution cabinets.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	27[1] | 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 | 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
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

Ordering

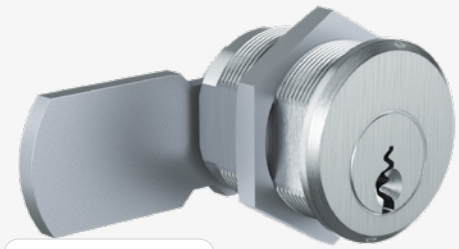
	M.[System].HB.MB22..[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin cam lock, diameter 22 mm, length 27 mm, nickel finish, 2 key extracting positions at the bottom and left: M.FPS5.HB.MB22.27.NI.B01

[1] FPS5 only

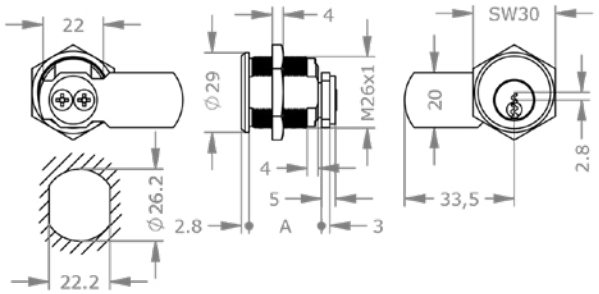
FPS Product catalogue | Subject to misprints and technical changes

FPS cam lock | MB26

View from the outside



View from the inside



Product description
The FPS cam lock MB26 locks boxes and cabinets with a locking 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 cabinets and technical distribution cabinets.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	27[1] | 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
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

Application examples

Distribution cabinets
Thanks to the cam lock you can even integrate technical distribution cabinets into the master key system.

Ordering

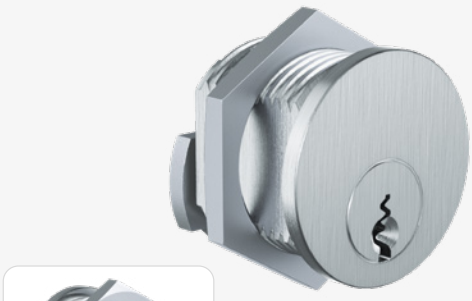
	M.[System].HB.MB26.[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin cam lock, diameter 26 mm, length 27 mm, nickel finish, 2 key extracting positions at the bottom and left: M.FPS5.HB.MB26.27.NI.B01

[1] FPS5 only

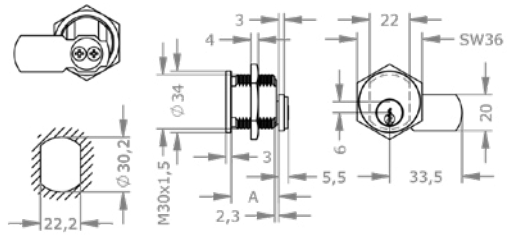
FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | MB30

View from the outside



View from the inside



Product description
The FPS cam lock MB30 locks boxes and cabinets with a locking 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 cabinets and technical distribution cabinets.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	26[1] | 31 | 36 | 41 | 46
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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	Hole pattern larger than 30 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

Application examples

Distribution cabinets
Thanks to the cam lock you can even integrate technical distribution cabinets into the master key system.

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

Ordering

	M.[System].HB.MB30.[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin cam lock, diameter 30 mm, length 26 mm, nickel finish, 2 key extracting positions at the bottom and left: M.FPS5.HB.MB30.26.NI.B01

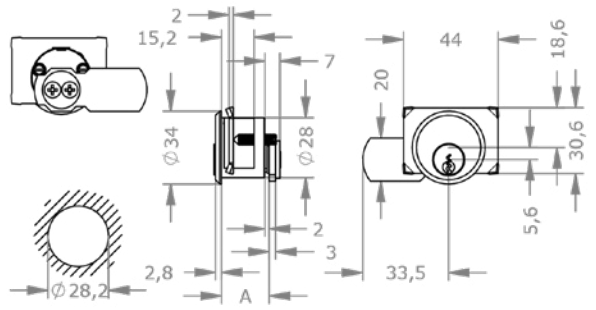
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes

FPS cam lock | MB28ZB

View from the outside

View from the inside



Product description
The FPS cam lock MB28ZB locks emergency key boxes and house mailbox systems with a locking 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	22[1] | 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	0SN – 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
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

Application examples

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

Ordering

	M.[System].HB.MB28ZB.[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin cam lock, diameter 28 mm, length 22 mm, nickel finish, 2 key extracting positions at the bottom and left: M.FPS5.HB.MB28ZB.22.NI.B01

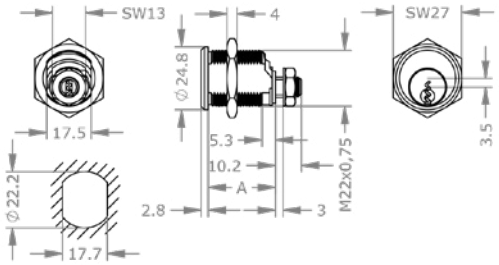
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | MB22K

View from the outside

View from the inside



Product description
The FPS cam lock MB22K locks boxes and cabinets with a rear 8 mm lock bar. 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	27[1] | 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
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

Application examples

Secure in the locker
This cam lock makes it possible to securely lock lockers in changing rooms.

Ordering

	M.[System].HB.MB22K.[Outside cylinder length A in mm].[Finish].[Option]
	FPS 5-pin cam lock, diameter 22 mm, length 27 mm, nickel finish, 2 key extracting positions at the bottom and left: M.FPS5. HB.MB22K.27.NI.B01

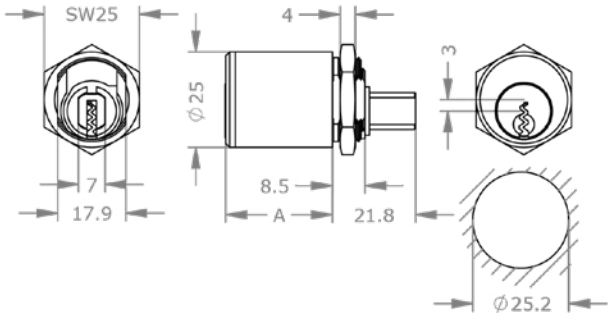
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes

FPS coin operated lock cylinder | DPM25

View from the outside

View from the inside



Product description
The FPS cam lock DPM25 locks coin operated locks with a flattened plug end on the side. 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	28[1] | 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	LI – Left | RE – Right
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	In combination with a Depomat coin operated lock
Included components	Coin operated lock cylinder

Application examples

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

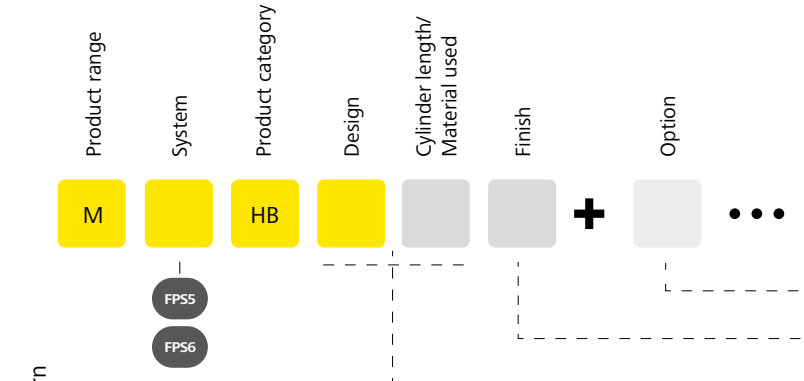
Ordering

	M.[System].HB.DPM25.[Outside cylinder length A in mm].[Option]
	FPS 5-pin coin operated lock cylinder, diameter 25 mm, length 28 mm, nickel finish, right version: M.FPS5.HB.DPM25.28.NI.RE

[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | Versions



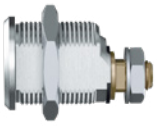
Hole pattern

22 mm — MB22 — 27 32 37

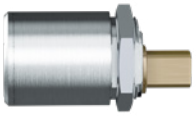
26 mm — MB26 — 27 32 37

30 mm — MB30 — 26 31 36 41 46

28 mm — MB28ZB — 22 27



22 mm — MB22K — 27 32 37



25 mm — MB25DPM — 28 34

EVVA cam range
› The EVVA cam range from page 98 matches these cylinders

» Suitable for key boxes and letter boxes, display cases and technical distribution cabinets.

» Suitable for emergency key boxes, house mailbox systems, letter boxes and technical distribution cabinets.

» Suitable for lockers and metal cabinets

» Suitable for coin operated locks.

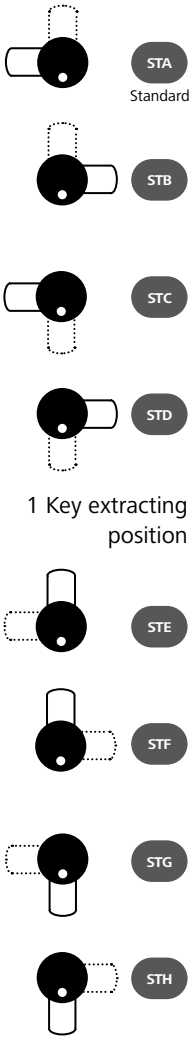
FPS Product catalogue | Subject to misprints and technical changes.

Matching options
› see next page

Locking directions & Key extracting positions

› Standard locking direction STA
› Locking direction options STB–STH

- NI — Nickel (standard)
- MS — Brass
- NP — Polished nickel
- NPV — Nickel fully polished
- MP — Polished brass lacquered
- MPV — Brass fully polished
- ML — Brass lacquered
- CR — Chrome
- CP — Polished chrome
- CPV — Chrome fully polished
- PS — Patinated black
- PB — Patinated brown



Example
› STF locking direction with vertical cam

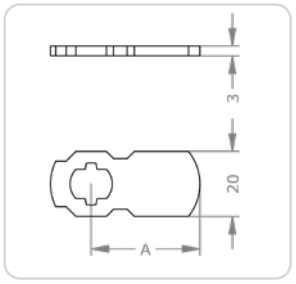
FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | Options and Accessories

Illustrations and ordering examples are shown in deviating systems.

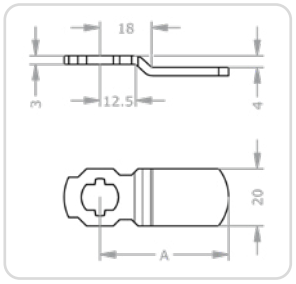
H

Waagrechte EVVA-Schließhebel für Blechkästen und Vitrinen.



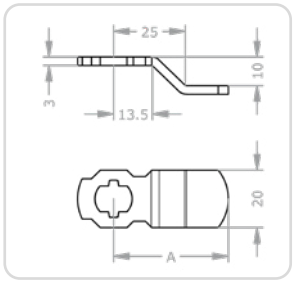
H72[A]

Hebellänge A in mm:
18 | 26 | 27 | 33 | 37 | 40 | +5 ... | 85



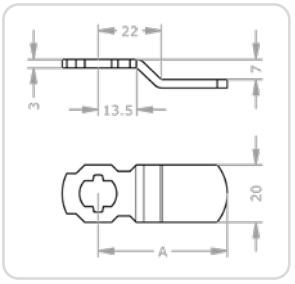
H87[A]

Hebellänge A in mm:
33 | 40 | 45 | 65



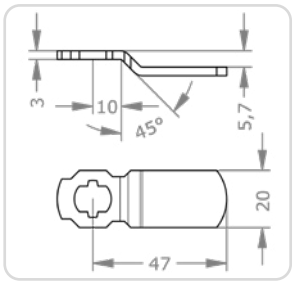
H92[A]

Hebellänge A in mm:
41 | 48 | 52



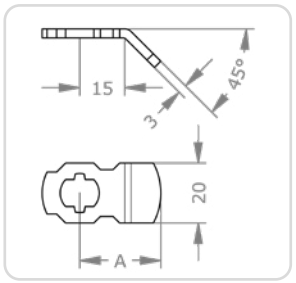
H95[A]

Hebellänge A in mm:
45 | 50



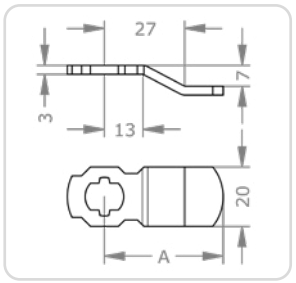
H98[A]

Hebellänge in mm:
47



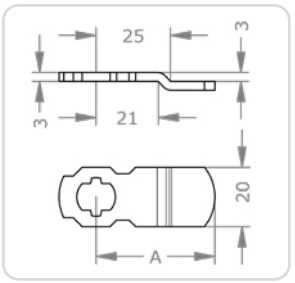
H89[A]

Hebellänge A in mm:
27



H91[A]

Hebellänge A in mm:
39 | 59 | 65

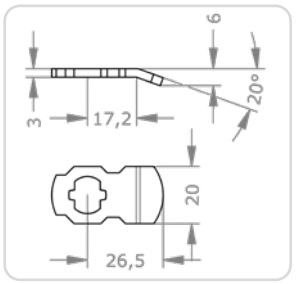


H97[A]

Hebellänge A in mm:
33 | 37 | 40 | 45 | 50 | 55 | 70

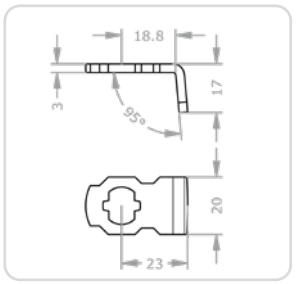
H

Senkrechte EVVA-Schließhebel für Blechkästen und Vitrinen.



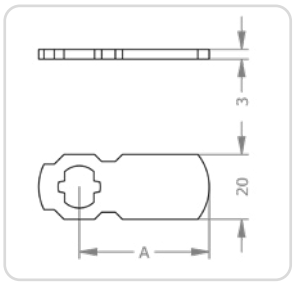
H6326

Hebellänge in mm:
26



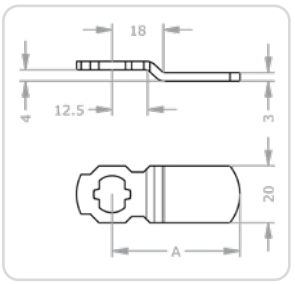
H6423

Hebellänge in mm:
23



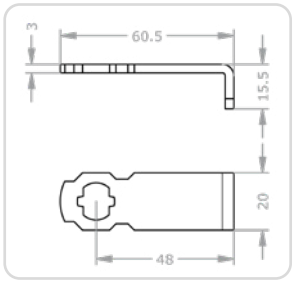
H73[A]

Hebellänge A in mm:
26 | 33 | 36 | 40 | +5 ... | 80



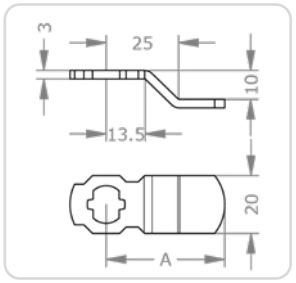
H88[A]

Hebellänge A in mm:
45 | 65



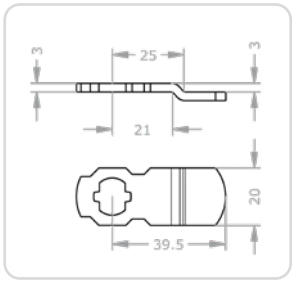
H9048

Hebellänge in mm:
48



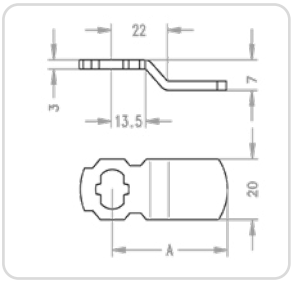
H94[A]

Hebellänge A in mm:
33 | 41 | 59



H9939

Hebellänge in mm:
39



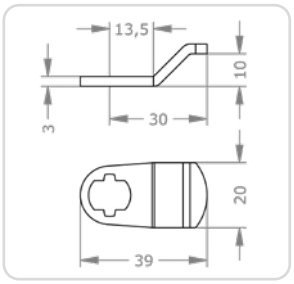
H96[A]

Hebellänge A in mm:
33 | 45 | 50

FPS Product catalogue | Subject to misprints and technical changes

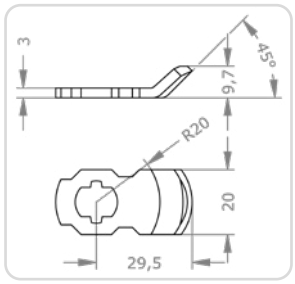
HB

Waagrechte EVVA-Schließhebel für Brieffachanlagen und andere Einsatzmöglichkeiten.



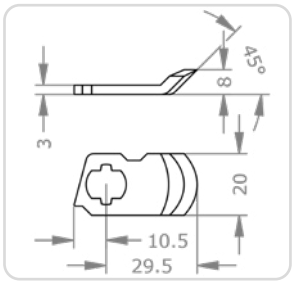
HB0230

Hebellänge in mm:
30



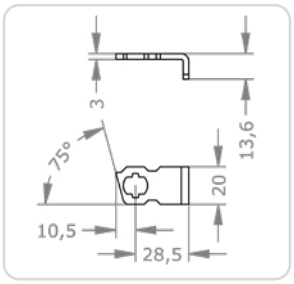
HB0329

Hebellänge in mm:
29



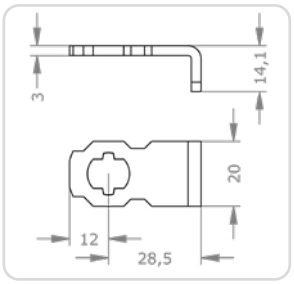
HB0429

Hebellänge in mm:
29



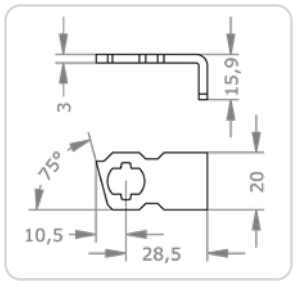
HB0628

Hebellänge in mm:
28



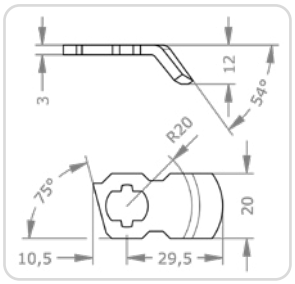
HB0728

Hebellänge in mm:
28



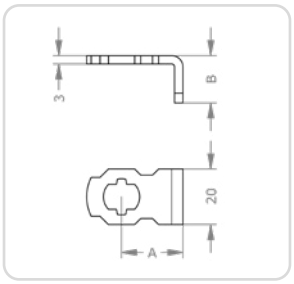
HB0828

Hebellänge in mm:
28



HB1029

Hebellänge in mm:
29



HB[A][B]

Hebellänge [A][B] in mm:
[22][14] | [22][17] | [22][22] | [28][17] | [28][22]

FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | Options and 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	0SN
Ordering example for option	M.[System].HB.MB19.23.NI.0SN

FIN[…] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

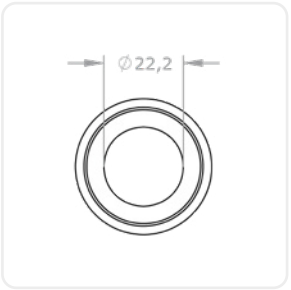
Variants	0088002458 – Finlube 100ml | 0088002431 – Finlube 300ml | 0088002423 – Finlube 500ml
Product code	M.TE[0088002458, 0088002431, 0088002423]
Ordering example for accessories	M.TE.0088002431

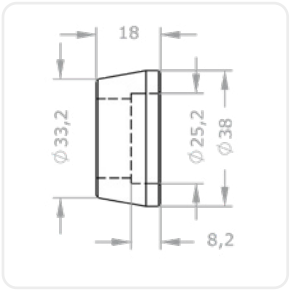
Sample illustration

GKGT – Door knob 38 mm for glass doors

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

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





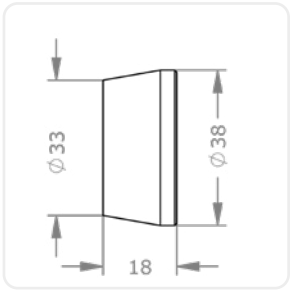
FPS Product catalogue | Subject to misprints and technical changes.

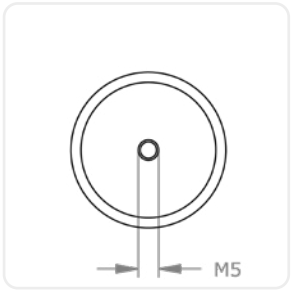
GKV

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





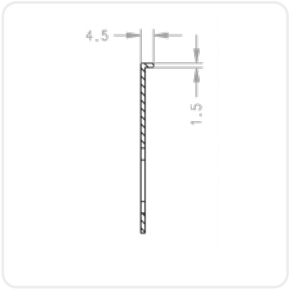
GTA

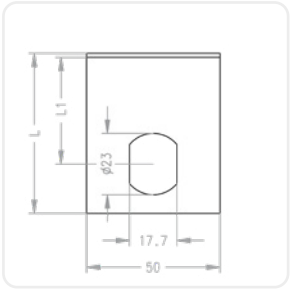
GTA[…] – Glass door plate wide

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





FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | Options and Accessories

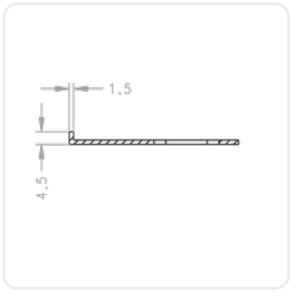
Illustrations and ordering examples are shown in deviating systems.

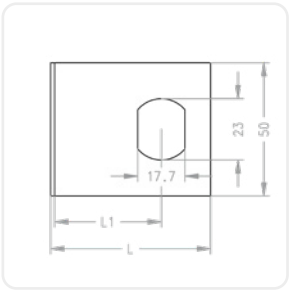
GTB

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





Sample illustration GTB4

LI

LI – Left

Left version

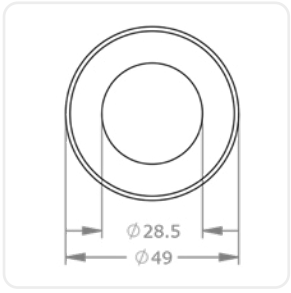
Product code	LI
Ordering example for option	M.[System].MZ.MR22.25.NI.3413.LI

R050

R050 – Escutcheon 50 mm

Cylinder escutcheon with 50 mm outer 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



FPS Product catalogue | Subject to misprints and technical changes

RE – Right

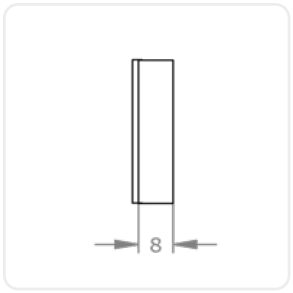
Right-hand version

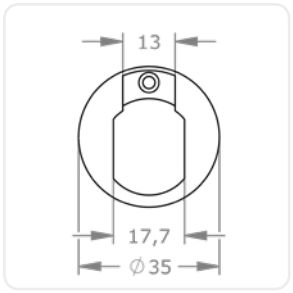
Product code	RE
Ordering example for option	M.[System].MZ.MR22.25.NI.3413.RE

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





FPS Product catalogue | Subject to misprints and technical changes.

FPS cam lock | Options and Accessories

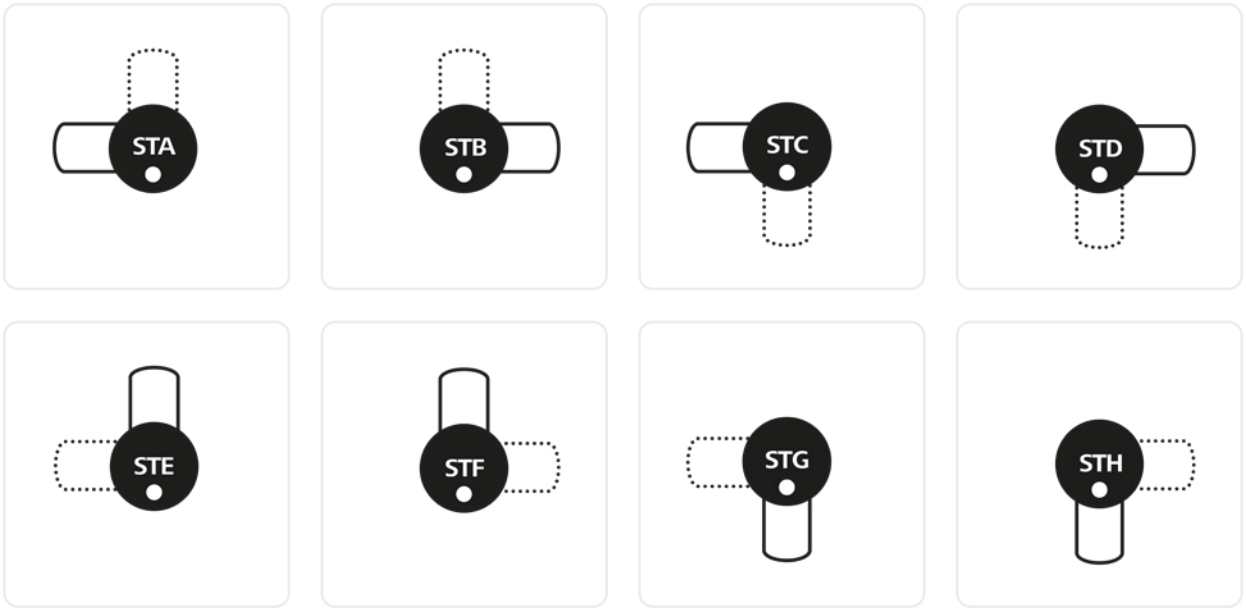
Illustrations and ordering examples are shown in deviating systems.

ST-
90°

ST[…] – Locking direction A-H

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

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
TXT

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes

EVVA
access to security

Outside & inside cylinder

Additional security
Fits into a wide range of rim cylinder for surface mounted locks.

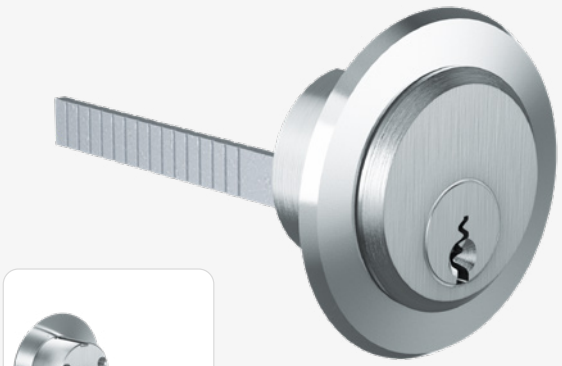
Easy to adapt
Versions and options for individual door thicknesses.

Useful accessories
Various escutcheon for a perfect finish.

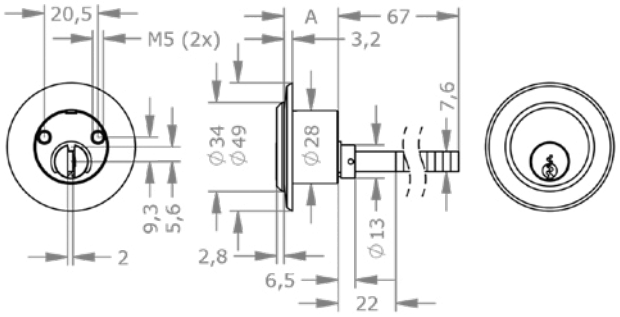
FPS Product catal... ...ical changes.

FPS rim cylinder | AZ28.AZ

View from the outside



View from the inside



Application examples

Security squared
Ideal in combination with EVVA surface mounted 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 surface mounted locks from the K900 series and various surface mounted locks.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 21 | FPS6: 26
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For use with EVVA rim locks from the K900/9000 series up to door leaf thickness 56 mm
Included components	Cylinder lock with escutcheon and 2 M5×40 fastening screws

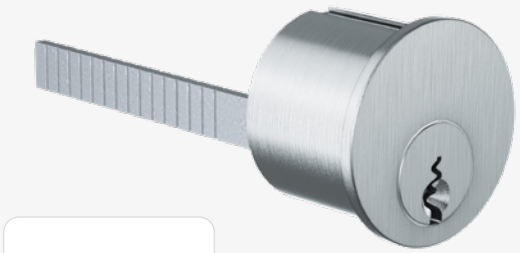
Ordering

	M.[System].AI.AZ28.AZ.[Surface].[Option]
	FPS rim cylinder AZ 5-pin, nickel finish with VARIO re-coding function option: M.FPS5.AI.AZ28.AZ.NI.VAR

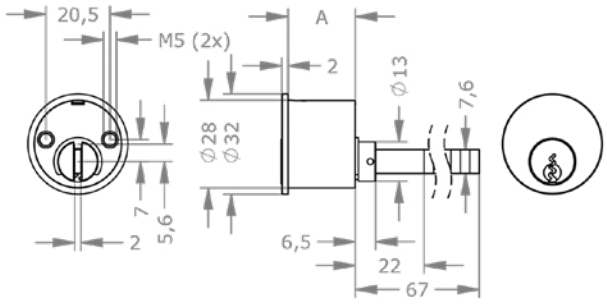
FPS Product catalogue | Subject to misprints and technical changes.

FPS rim cylinder | AZ28.AZG

View from the outside



View from the inside

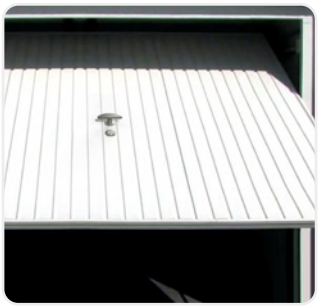


Product description
The FPS AZ28.AZG rim cylinder is suited to use on the outside of the door. It is equipped with a vertical tail bar to accomadate surface mounted locks. It fits a hole pattern larger than 28 mm and is rear mounted with throughhole screws. Application examples are surface mounted locks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

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 22 | FPS6: 27
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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

Application examples



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

Full-leaf doors
This special outer cylinder is also used to provide additional security for doors.

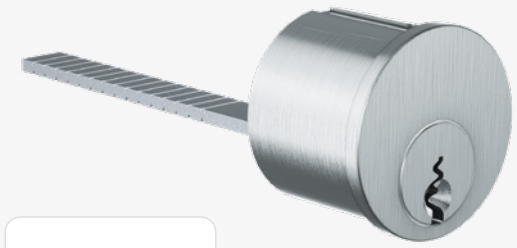
Ordering

	M.[System].AI.AZ28.AZG.[Surface].[Option]
	FPS rim cylinder AZG 5-pin, nickel finish with twisted tail bar: M.FPS5.AI.AZ28.AZG.NI.SPV

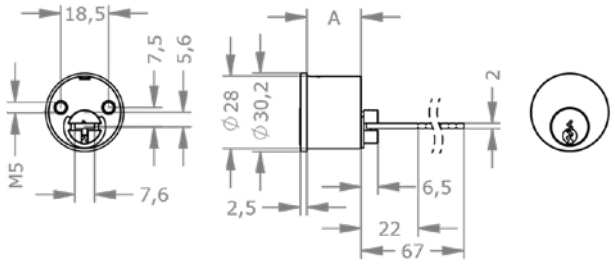
FPS Product catalogue | Subject to misprints and technical changes.

FPS rim cylinder | AZ28.AZI

View from the outside



View from the inside



Application examples

Security squared
This rim cylinder fits ABUS® surface mounted locks.

Product description
The FPS 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 surface mounted locks and surface mounted locks.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 security features	SKG2-A – SKG ** certified outside
Optional technical installation feature	APA – Fixing plate ABUS® | GWB6 – 1 thread M6 | R0A – Escutcheon ABUS® | R0SKG – 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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 21 | FPS6: 26
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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)

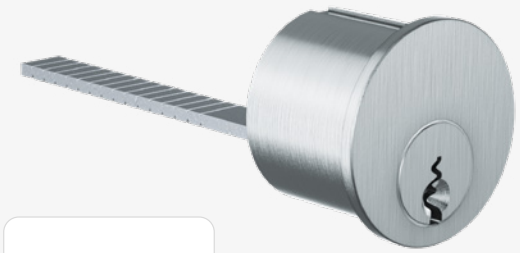
Ordering

	M.[System].AI.AZ28.AZI.[Surface].[Option]
	FPS rim cylinder 5-pin for ABUS rim locks, nickel finish with M6 holes: M.FPS5.AI.AZ28.AZI.NI.GWB6

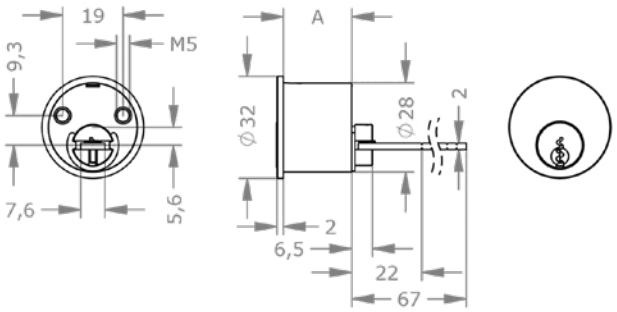
FPS Product catalogue | Subject to misprints and technical changes.

FPS rim cylinder | AZ28.AZL

View from the outside



View from the inside



Product description
The FPS 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. Application examples are LIPS® rim locks and surface mounted locks.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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
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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 22 | FPS6: 27
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For use in supplementary locks from other manufacturers up to door leaf thickness 56 mm
Included components	Cylinder lock with 2 M5x40 fixing screws

Application examples

Security squared
Whatever supplementary lock is used, this rim cylinder represents the secure protection of every door.

Ordering

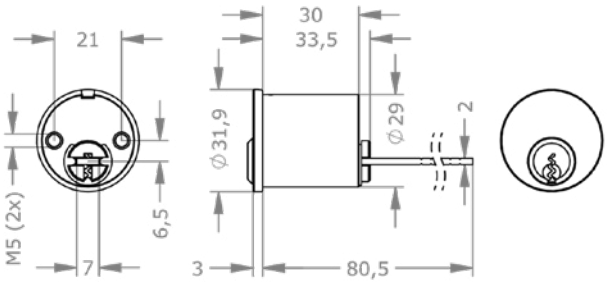
	M.[System].AI.AZ28.AZL.[Surface].[Option]
	FPS rim cylinder 5-pin, diameter 28 mm, type AZL, nickel finish, with VARIO re-coding function option: M.FPS5.AI.AZ28.AZL.NI.VAR

FPS Product catalogue | Subject to misprints and technical changes.

FPS rim cylinder | AZ29.I050

View from the outside

View from the inside



Product description
The FPS AZ29.I050 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 technical installation feature	R0I – 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	VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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

Application examples

Security squared
This rim cylinder is suitable for IKON® surface mounted locks.

Ordering

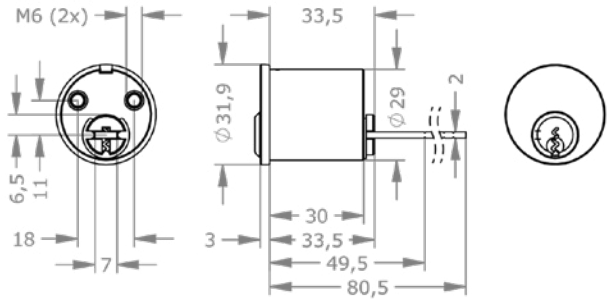
	M.[System].AI.AZ29.I050.[Finish].[Option]
	FPS rim cylinder 5-pin for IKON® rim locks type 50, nickel finish with VARIO re-coding function option: M.FPS5.AI.AZ29.I050.NI.VAR

FPS Product catalogue | Subject to misprints and technical changes.

FPS rim cylinder | AZ29.I063

View from the outside

View from the inside



Product description
The FPS rim cylinder AZ29.I063 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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 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	VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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

Application examples

Security squared
This rim cylinder is suitable for IKON® surface mounted locks.

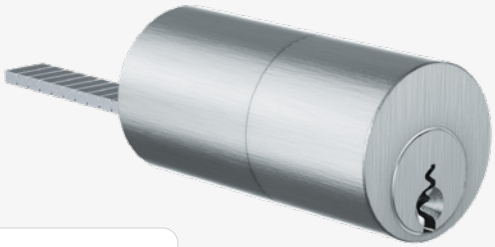
Ordering

	M.[System].AI.AZ29.I063.[Finish].[Option]
	FPS rim cylinder 5-pin for IKON® rim locks type 63, nickel finish with VARIO re-coding function option: M.FPS5.AI.AZ29.I063.NI.VAR

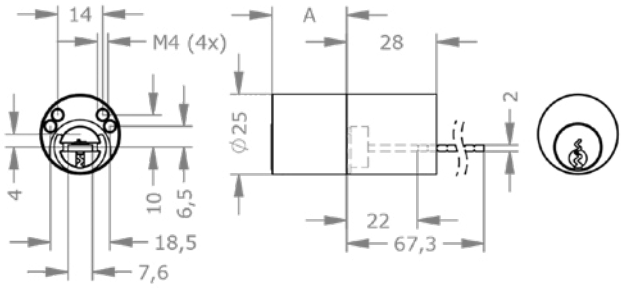
FPS Product catalogue | Subject to misprints and technical changes.

FPS rim cylinder | AZ25.FP

View from the outside



View from the inside



Product description
The FPS 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.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 23 | FPS6: 28
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	For use on the outside, fastened from the rear using screws
Included components	Cylinder lock without screws, with tail bar and sleeve

Application examples

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

Ordering

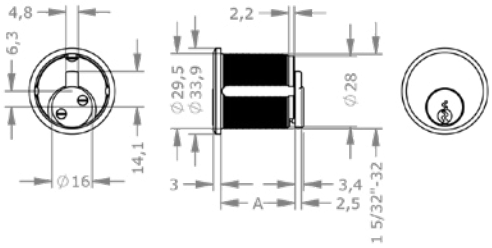
	M.[System].AI.AZ25.FP.[Finish].[Option]
	FPS 5-pin rim cylinder, diameter 25 mm, nickel finish, with VARIO re-coding function option: M.FPS5.AI.AZ25.FP.NI.VAR

FPS Product catalogue | Subject to misprints and technical changes.

FPS mortise screw-in cylinder | AZ30RM

View from the outside

View from the inside



Product description
The FPS 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 15/32" and is fastened by screwing it into the lock. Examples of applications are mortise locks.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	22[1] | 25[1] | 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	VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Technical installation situation	Suitable for locks with screw-in fastening of the cylinder
Included components	Cylinder lock with Adams Rite® cam

Application examples

Firmly locked
This mortise screw-in cylinder is ideal for use in specially designed bolt locks.

Ordering

	M.[System].AI.AZ30RM.[Outside cylinder length A in mm].[Finish].[Option]
	FPS mortise screw-in cylinder 5-pin, length 25 mm, nickel finish, designed for LIPS® cam: M.FPS5.AI.AZ30RM.25.NI.GLIP

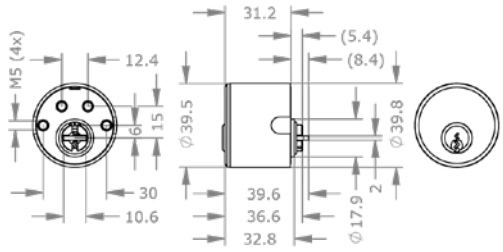
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS outside cylinder | AZ37.SEC

View from the outside

View from the inside



Application examples

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

Standards and guidelines

SS 3522

Product description
The FPS outside cylinder AZ37.SEC is suitable for use on the outside of doors. 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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	VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for drilling protection
Standards and guidelines	SS 3522 Klasse 3
Technical installation situation	Suitable for Scandinavian locks with high security requirements in combination with the IZ37.SEC | for 4-fold screw fastening on the rear side
Included components	Cylinder lock with tail bar

Ordering

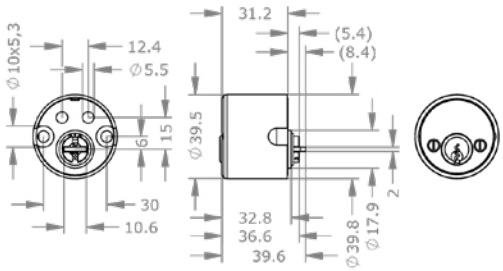
	M.[System].AI.AZ37.SEC.[Finish].[Option]
	FPS outside cylinder 5-pin, 37 mm diameter, nickel finish, with TAF: M.FPS5.AI.AZ37.SEC.NI.TAF-A

FPS Product catalogue | Subject to misprints and technical changes

FPS inside cylinder | IZ37.SEC

View from the outside

View from the inside



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 FPS 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

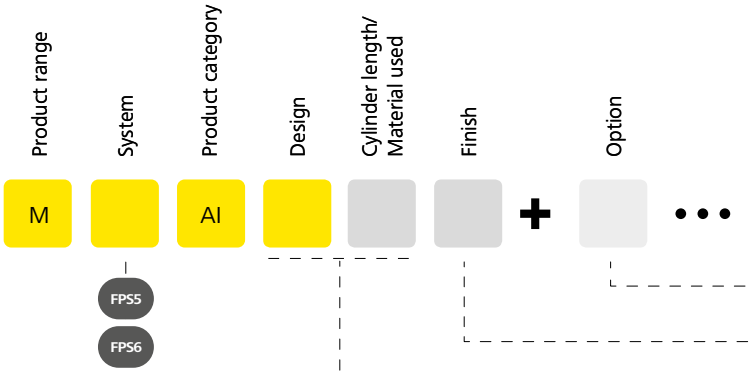
System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Finish	NI – Nickel | MS – Brass | NP – Polished Nickel | NPV – Nickel fully polished | MP – Polished brass | MPV – Brass fully polished | ML – Brass lacquered | CR – Chrome | CP – Polished Chrome | CPV – Chrome fully polished | PS – Patinated black | PB – Patinated brown
Optional usage feature	VAR – VARIO
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements | Features in the cylinder protect against covert opening methods | hardened steel elements for 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

Ordering

	M.[System].AI.IZ37.SEC.[Finish].[Option]
	FPS Inside cylinder 5-pin, diameter 37 mm, nickel finish, with VARIO re-coding function option: M.FPS5.AI.IZ37.SEC.NI.VAR

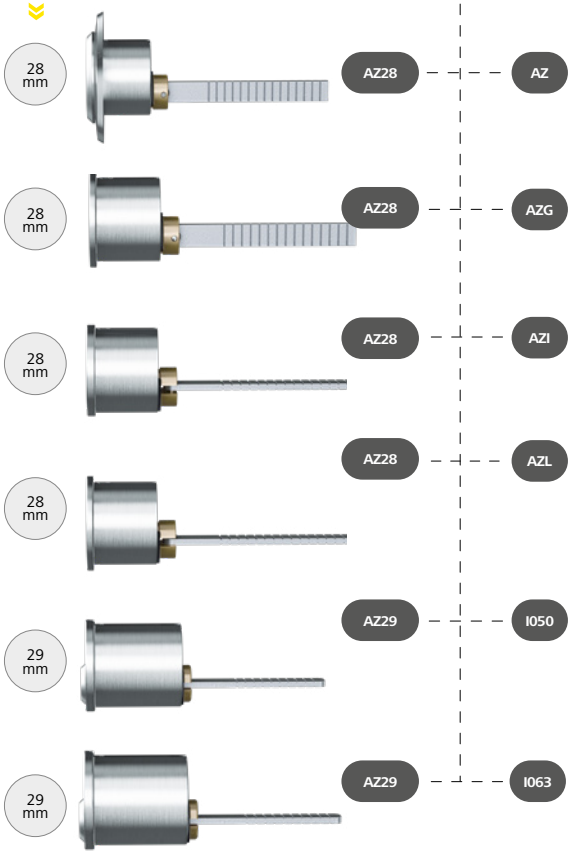
FPS Product catalogue | Subject to misprints and technical changes.

FPS Outside/Inside cylinder | Versions



Hole pattern

Cylinder for surface mounted locks



Ensure that the tail bar is correctly aligned
Tail bar width 5 mm, height 3 mm

Horizontal

Vertical

FPS Product catalogue | Subject to misprints and technical changes

Door leaf thickness options

› For door leaf thicknesses that exceed the standard range.

- TS56 » For a door panel thickness of 47–56 mm
- TS66 » For a door panel thickness of 57–66 mm
- TS76 » For a door panel thickness of 67–76 mm
- TS86 » For a door panel thickness of 77–86 mm

Hole pattern

Cylinder for door locks

25 mm — AZ25 — FP

for lattice door

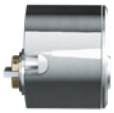
30 mm — AZ30RM — 22 25 29 39 47 57 67

for mortise screw-in cylinder lock

40 mm — AZ37 — SEC

for Scand. locks

40 mm — IZ37 — SEC



for Scand. locks

- NI » Nickel (standard)
- MS » Brass
- NP » Polished nickel
- NPV » Nickel fully polished
- MP » Polished brass lacquered
- MPV » Brass fully polished
- ML » Brass lacquered
- CR » Chrome
- CP » Polished chrome
- CPV » Chrome fully polished
- PS » Patinated black
- PB » Patinated brown

FPS Product catalogue | Subject to misprints and technical changes.

FPS Outside/Inside Cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

0SN – Without cam

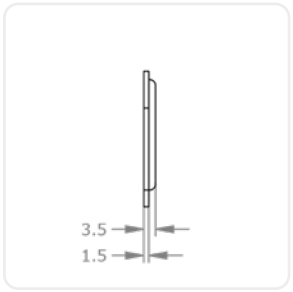
No cam or locking cam is mounted on the cylinder.

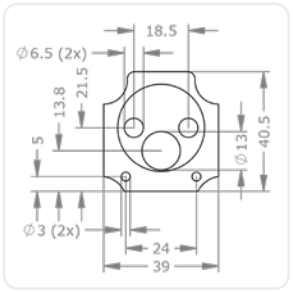
Product code	0SN
Ordering example for option	M.[System].HB.MB19.23.NI.0SN

APA – Fixing plate ABUS®

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

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

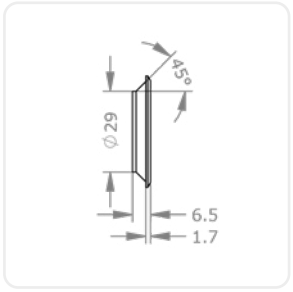


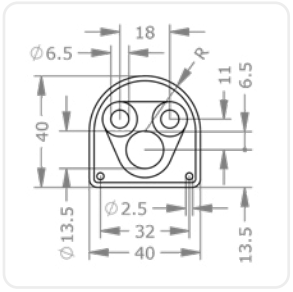


API63 – Fixing plate IKON® 4063

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





FPS Product catalogue | Subject to misprints and technical changes

FIN[…] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

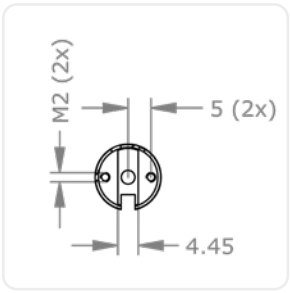
Variants	0088002458 – Finlube 100ml | 0088002431 – Finlube 300ml | 0088002423 – Finlube 500ml
Product code	M.TE[0088002458, 0088002431, 0088002423]
Ordering example for accessories	M.TE.0088002431

Sample illustration

GLIP – For LIPS® cam

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

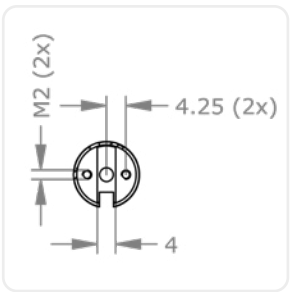
Product code	GLIP
Ordering example for option	M.[System].AI.AZ30RM.22.NI.GLIP



GM0N – For Monarch® cam

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

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



FPS Product catalogue | Subject to misprints and technical changes.

FPS Outside/Inside Cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

GWB6

GWB6 – 1 thread M6

Instead of the standard M5 threaded bore, the outside cylinder is designed with the M6 threaded bore.

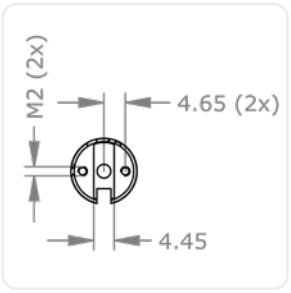
Product code	GWB6
Ordering example for option	M.[System].AI.AZ28.AZI.NI.GWB6

GYAL

GYAL – For Yale® cam

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

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



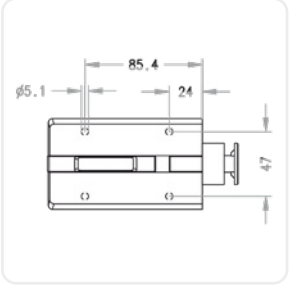
K900

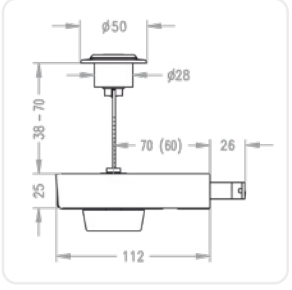
K900[…] – Security rim lock K900

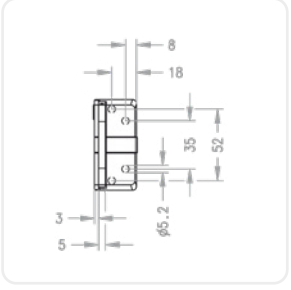
This supplementary security lock increases the security of every entrance door. Suitable for inward opening left and right solid leaf doors. It can be operated from the outside with a key.

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







FPS Product catalogue | Subject to misprints and technical changes

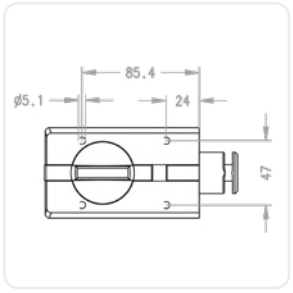
K9000

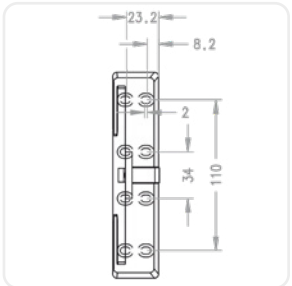
K9000[…] – Security rim lock K9000

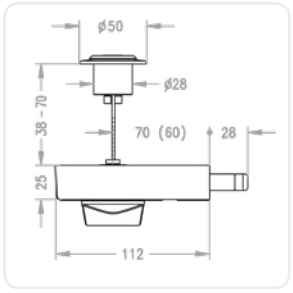
This supplementary security lock increases the security of every entrance door. Suitable for inward opening left and right solid leaf doors. It can be operated from the outside with a key.

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







FPS Product catalogue | Subject to misprints and technical changes.

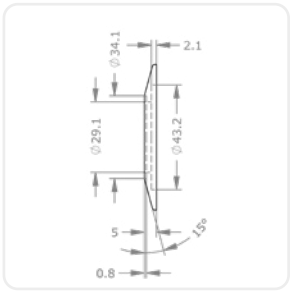
FPS Outside/Inside Cylinder | Options & Accessories

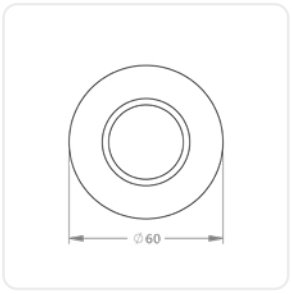
Illustrations and ordering examples are shown in deviating systems.

R060 – Escutcheon 60 mm

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

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

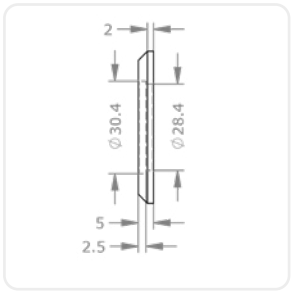


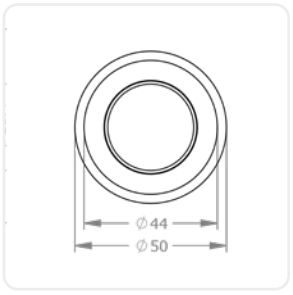


R0A – Escutcheon ABUS®

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

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





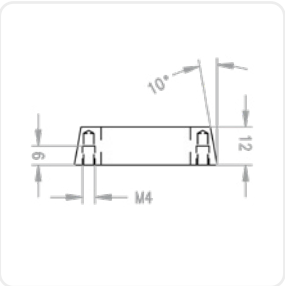
FPS Product catalogue | Subject to misprints and technical changes.

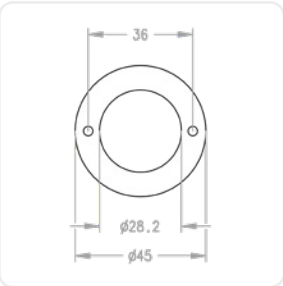
R0GT

R0GT – 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 mm.

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



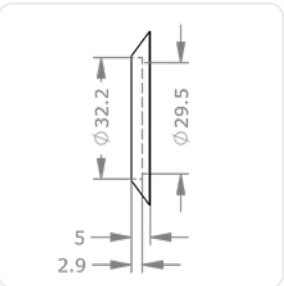


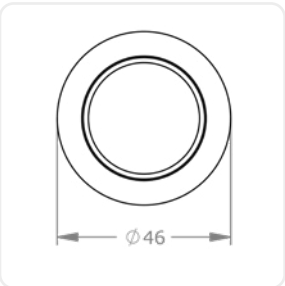
R0I

R0I – Escutcheon IKON®

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

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





FPS Product catalogue | Subject to misprints and technical changes.

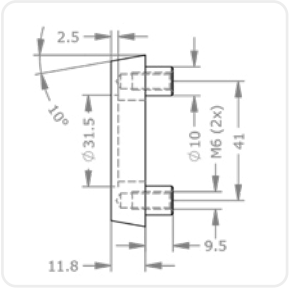
FPS Outside/Inside Cylinder | Options & Accessories

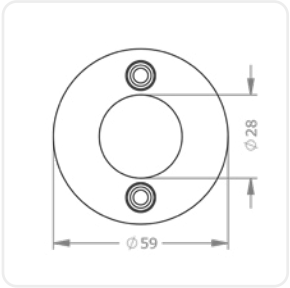
Illustrations and ordering examples are shown in deviating systems.

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	R0SKG
Ordering example for option	M.[System].AI.AZ28.AZI.NI.SKG-A.R0SKG
Ordering example for accessories	M.ZU.R0SKG





SPV – Twisted tail bar

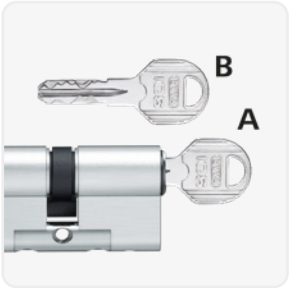
The tail bar is rotated 90°.

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

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

10%
40%
15%

Furniture cylinders

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

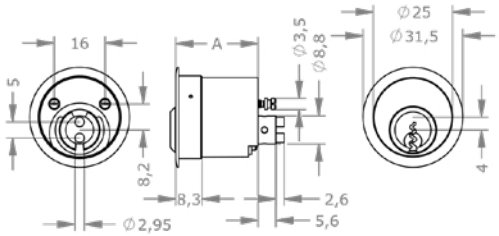
Suitable for furniture locks:
Furniture cylinders suited to common furniture lock types.

Can be delivered together:
Furniture cylinders together with EVVA furniture locks.

FPS furniture cylinder from EVVA | MR25

View from the outside

View from the inside



Product description
The FPS furniture cylinder MR25 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

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	26[1] | 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	ERK[…] – Furniture lock ERK | GKMR – Door knob 38 mm for furniture doors | UL – For furniture lock UNI4000 drawer | UT – For furniture lock UNI4000 door
Accessories	Spray FinLube | Door knob 38 mm for glass and furniture doors
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	For installation in furniture locks
Included components	Furniture cylinder with escutcheon, designed for MAR lock case

Application examples

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

Everything under control
The GKMR option turns the cylinder into a door knob.

Ordering

	M.[System].MZ.MR25.[Outside cylinder length A in mm].[Finish].[Option]
	FPS furniture cylinder 5-pin, diameter 25mm, length 31 mm, nickel finish for Universal 4000 drawer: M.FPS5.MZ.MR25.31.NI.UL

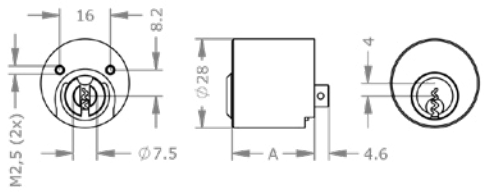
[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS furniture cylinder from EVVA | MR28

View from the outside

View from the inside



Product description
The FPS 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.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	26[1] | 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	ERK[…] – Furniture lock ERK
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	For installation in furniture locks
Included components	Furniture cylinder with escutcheon, designed for MAR lock case

Application examples

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

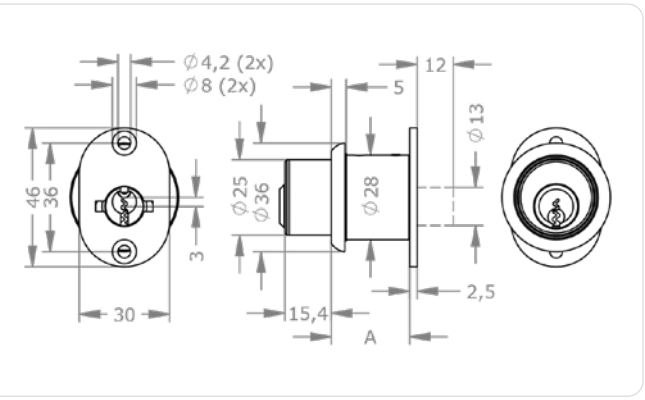
Ordering

	M.[System].MZ.MR28.[Outside cylinder length A in mm].[Finish].[Option]
	FPS furniture cylinder 5-pin, diameter 28 mm, length 31 mm, nickel finish with MAR furniture lock: M.FPS5.MZ.MR28.31.NI.MAR

[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS Push cylinder | DRZ28



Application examples

Push and secured
When pressed, sliding furniture doors and wall panels lock.

Product description

The FPS push cylinder DRZ28 is suitable for use in metal and wooden sliding doors. The door is locked by pressing the back 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	26[1] | 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	For installation in furniture sliding doors
Included components	Push cylinder without fastening material

Ordering

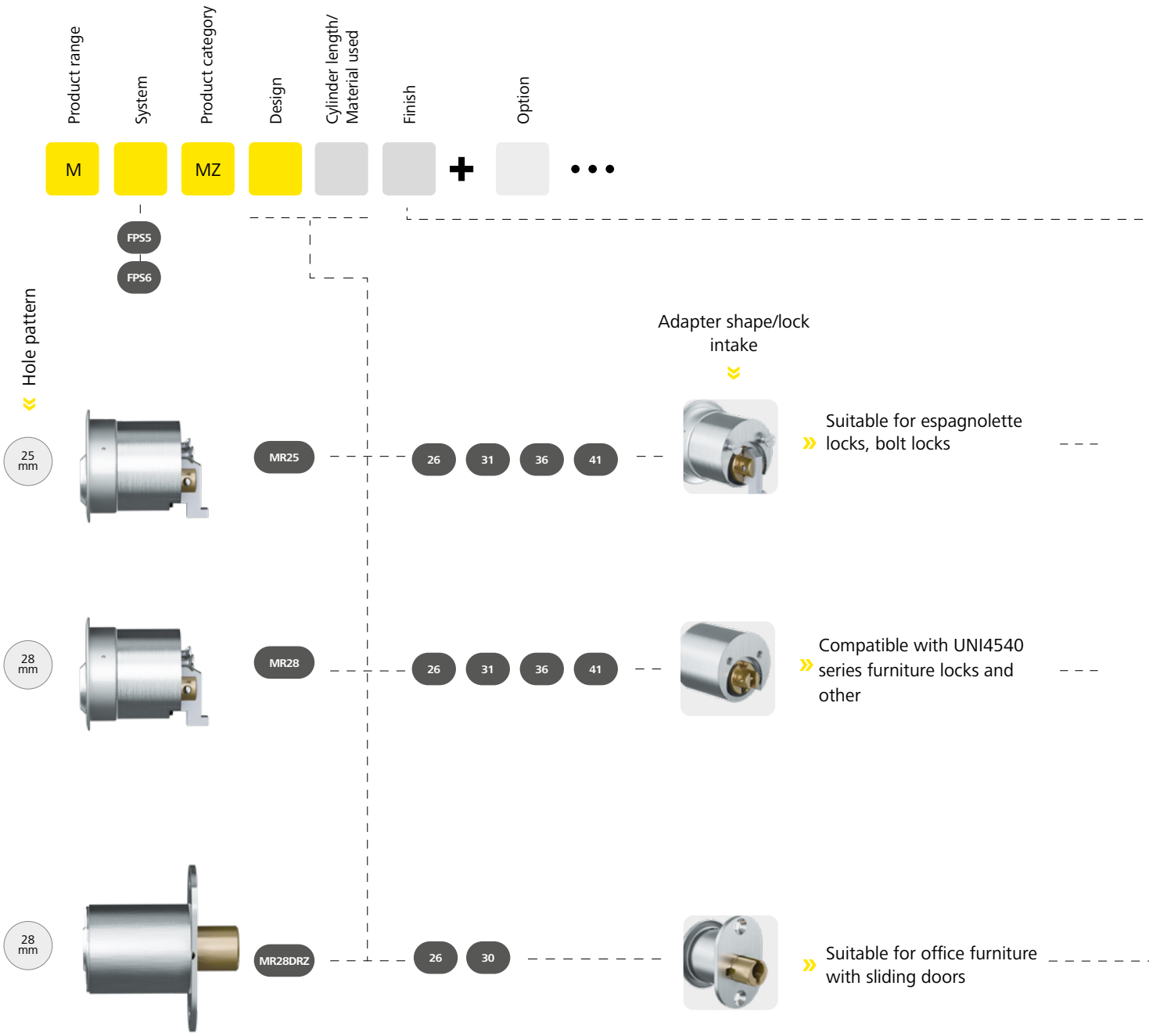
	M.[System].MZ.DRZ28.[Outside cylinder length A in mm].[Finish].[Option]
	FPS push cylinder 5-pin, diameter 28 mm, length 26 mm, nickel finish, plug end extended: M.FPS5.MZ.DRZ28.26.NI.KV05

[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

FPS furniture cylinder | Versions



FPS Product catalogue | Subject to misprints and technical changes

Matching accessories

- NI » Nickel (standard)
- MS » Brass
- NP » Polished nickel
- NPV » Nickel fully polished
- MP » Polished brass lacquered
- MPV » Brass fully polished
- ML » Brass lacquered
- CR » Chrome
- CP » Polished chrome
- CPV » Chrome fully polished
- PS » Patinated black
- PB » Brown patina

Suitable options/accessories
› see next page

FPS Product catalogue | Subject to misprints and technical changes.

FPS furniture cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

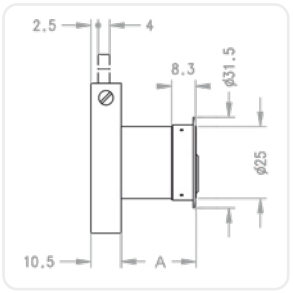
4000

4000[…] – Furniture lock Universal 4000

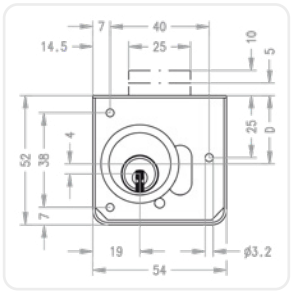
The furniture lock Universal 4000 is suitable for use in furniture doors, cabinet doors and drawers.

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 4000LI



Sample illustration 4000LA



Sample illustration 4000LA

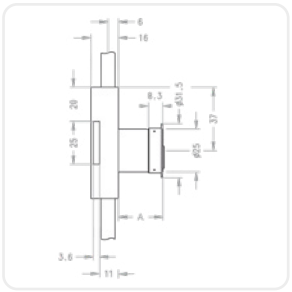
4540

4540[…] – Furniture lock Universal 4540

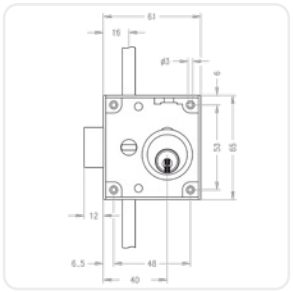
The furniture lock Universal 4540 is suitable for use in tall cabinet doors that require more than one lock.

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

Sample illustration 4540RE



Sample illustration 4540RE



Sample illustration 4540RE

FPS Product catalogue | Subject to misprints and technical changes.

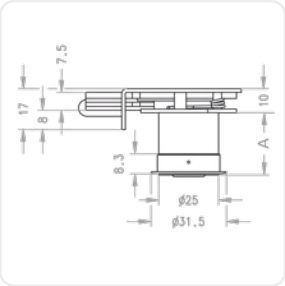
ERK

ERK[…] – Furniture lock ERK

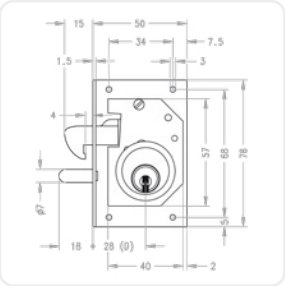
The snap-in roller box lock is suitable for milling into roller drawers, roller shutter doors and other furniture locks.

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

FINLUBE

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS furniture cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

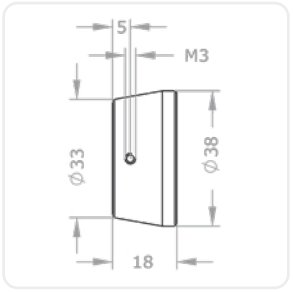
GKMR

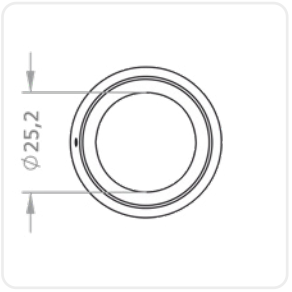
GKMR – Door knob 38 mm for furniture doors

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

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



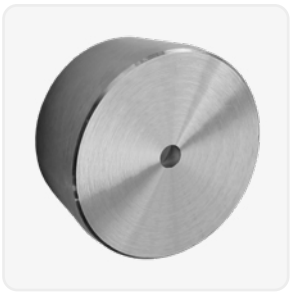


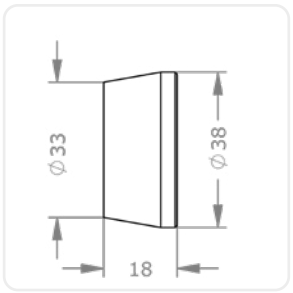
GKV

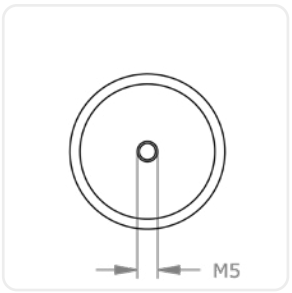
GKV – Door knob 38 mm for glass and furniture doors

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







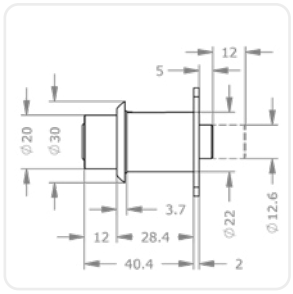
FPS Product catalogue | Subject to misprints and technical changes.

KV05

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.

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



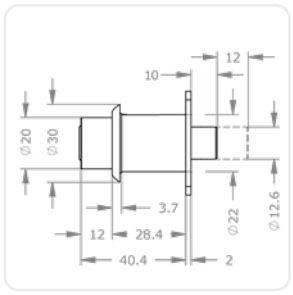
Sample illustration

KV10

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS furniture cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

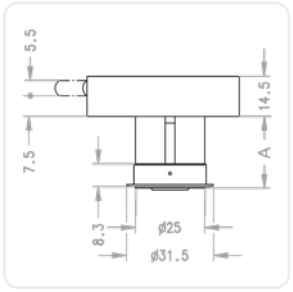
MAR

MAR[…] – Furniture Lock MAR

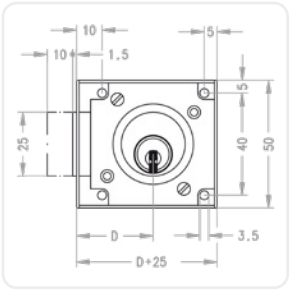
The stop bolt lock with 4-fold screw connection is ideal for the simple locking of drawers, locker doors and cabinets.

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 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][LI,RE,LA]
Ordering example for option	M.[System].MZ.MR25.26.NI.MAR35LI
Ordering example for accessories	M.ZU.MAR35LA

Sample illustration MAR30LI



Sample illustration MAR[D]RE



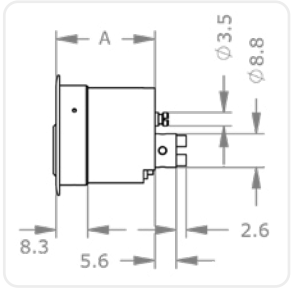
Sample illustration MAR[D]RE

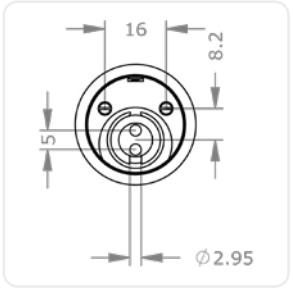
UL

UL – For furniture lock UNI4000 drawer

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

Product code	UL
Ordering example for option	M.[System].MZ.MR25.26.NI.UL



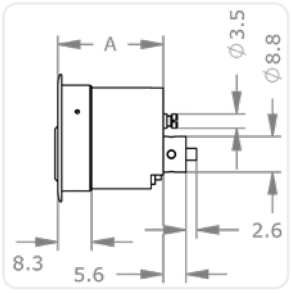


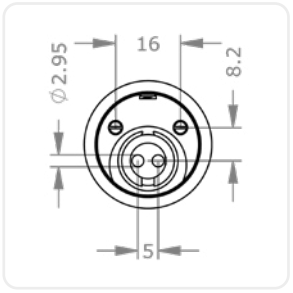
FPS Product catalogue | Subject to misprints and technical changes

UT – For furniture lock UNI4000 door

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

Product code	UT
Ordering example for option	M.[System].MZ.MR25.26.NI.UT





FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes

Switch and switching cylinder

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

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

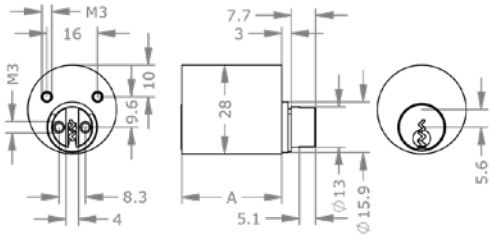
Everything under control
Integrated into master key systems and in central switch devices, they make a significant contribution to building security.

FPS Product catalogue. Subject to misprints and technical changes.

FPS Lift cylinder | MR28AFZ

View from the outside

View from the inside

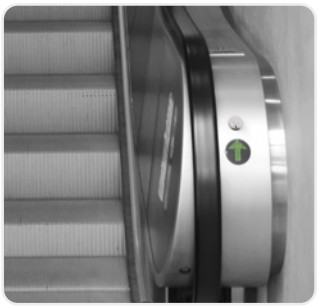


Product description
The FPS lift cylinder MR28AFZ is suitable for use in various lift control systems. It is equipped without a cam bar on the rear, fits a hole pattern larger than 28 mm and is rear mounted with two screws. Application examples are lift systems and escalators.

Technical information

System	FPS5 – Functional Profile System 5 pin | FPS6 – Functional Profile System 6 pin
Cylinder length on the outside A in mm	26[1] | 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
Accessories	Spray FinLube
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
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

Application examples



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

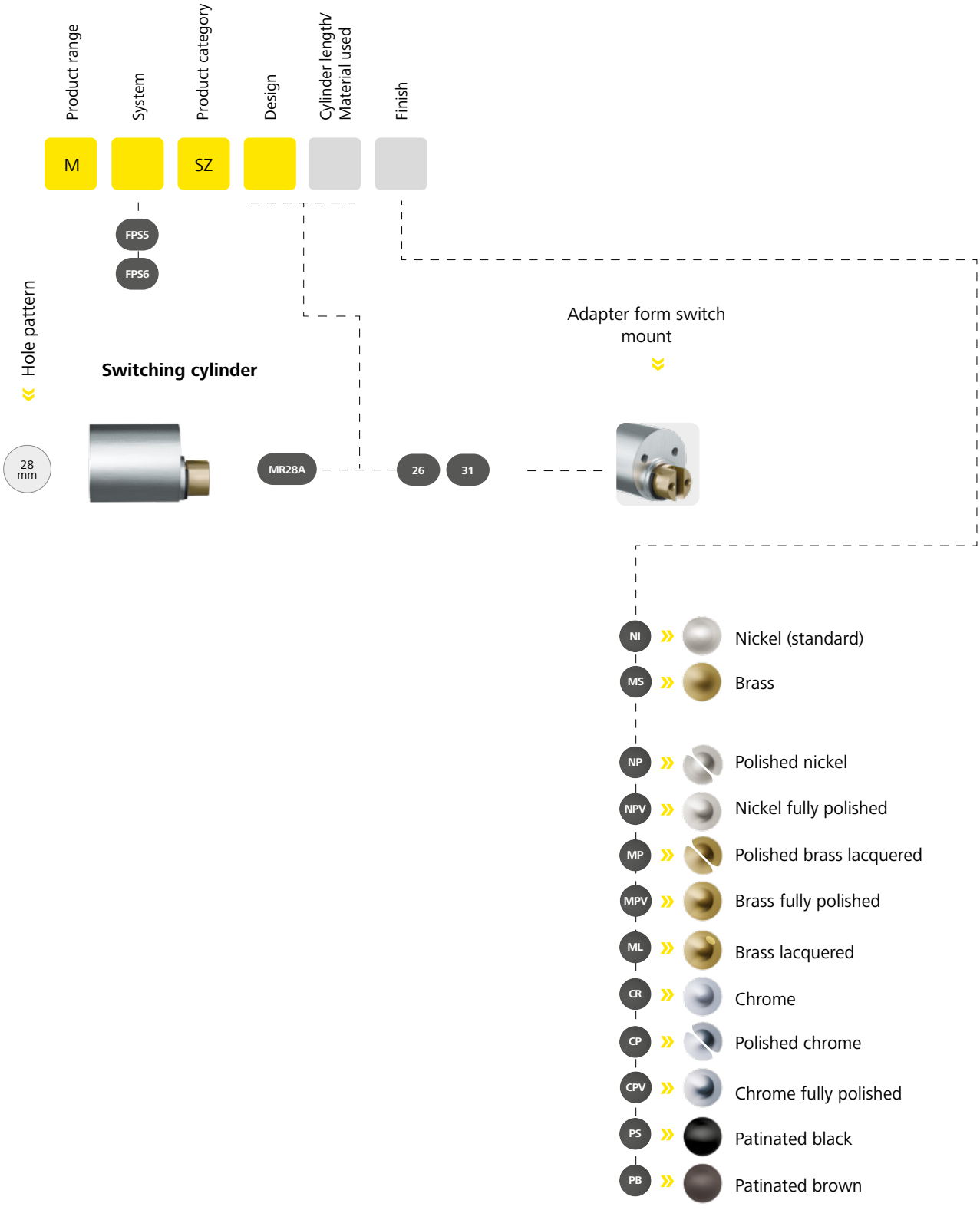
Ordering

	M.[System].SZ.MR28A.[Outside cylinder length A in mm].[Finish].[Option]
	FPS Lift cylinder 5-pin, diameter 28 mm, length 26 mm, nickel finish: M.FPS5.SZ.MR28A.26.NI

[1] FPS5 only

FPS Product catalogue | Subject to misprints and technical changes

FPS Switch & switching cylinder | Versions



FPS Product catalogue | Subject to misprints and technical changes.

FPS Product catalogue | Subject to misprints and technical changes.

Insert cylinder

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

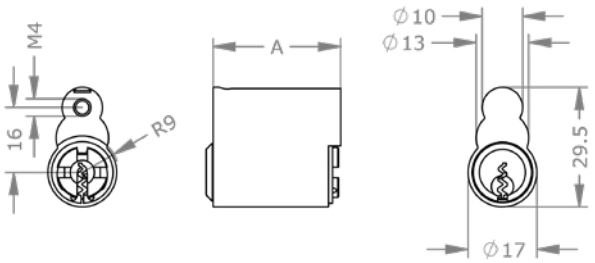
Garden gate integrated
Garden gates with a CISA® lock can be integrated into master key systems by using a HZ-S.EK insert cylinder.

FPS Product catalogue | Subject to misprints and technical changes.

FPS Padlock insert | PZE.SNOW

View from the outside

View from the inside



Product description
The FPS padlock insert HZ.SNOW is suitable for use in a wide variety of Scandinavian padlocks with "Snowman" 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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 31 | FPS6: 36
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	Cylinder insert provided in padlock bodies, designed with a "Snowman" cylinder recess
Included components	Insert cylinder without fixing material

Application examples

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

Barriers
Highly suitable for protection against the unauthorised opening and closing of barriers.

Ordering

	M.[System].EZ.PZE.SNOW.[Surface].[Option]
	FPS 5-pin insert cylinder for installation in padlock bodies, designed for "Snowman", nickel finish, with re-coding function: M.FPS5.EZ.PZE.SNOW.NI.VAR

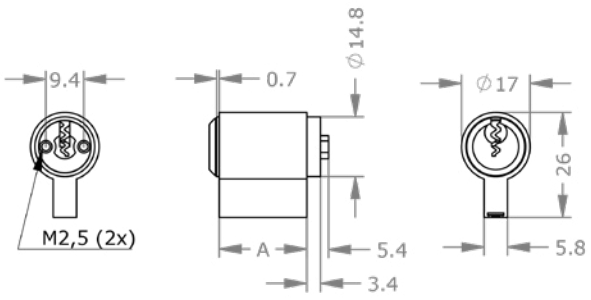
[1] FP5 only

FPS Product catalogue | Subject to misprints and technical changes

FPS Insert cylinder | PZE.EK

View from the outside

View from the inside



Product description
The FPS insert cylinder HZ.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	FPS5 – Functional Profile System 5 pin | FPS6 – Functional 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	VAR – VARIO
Accessories	Spray FinLube
Cylinder length on the outside A in mm	FPS5: 22 | FPS6: 27
Security features	Pin tumbler system cylinder with 5 or 6 active, spring-loaded locking elements
Technical installation situation	Insert cylinder for the inner side of the "Elektrika" garden door strike.
Included components	Insert cylinder without fixing material

Application examples

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

Ordering

	M.[System].EZ.PZE.EK.[Surface].[Option]
	FPS 5-pin insert cylinder for the inner side of the garden door strike "Elektrika", nickel finish, with re-coding function: M.FPS5.EZ.PZE.EK.NI.VAR

[1] FP5 only

FPS Product catalogue | Subject to misprints and technical changes.

FPS insert cylinder | Versions

Product range	System	Product category	Design	Material used	Finish		Option
M		EZ	PZE			+	

- System: FPS5, FPS6
- Material used:
  - SNOW » Suitable for Scandinavian padlocks

  - EK » Fits CISA® electric locks

- Finish:
  - NI » Nickel (standard)
  - MS » Brass
  - NP » Polished nickel
  - MP » Polished brass laquered
  - ML » Brass lacquered
  - CR » Chrome
  - CP » Polished chrome
  - PS » Patinated black
  - PB » Patinated brown

FPS Product catalogue | Subject to misprints and technical changes.

FPS Insert cylinder | Options & Accessories

Illustrations and ordering examples are shown in deviating systems.

FIN[…] – Spray FinLube

Multi-purpose spray to clean, lubricate and protect.

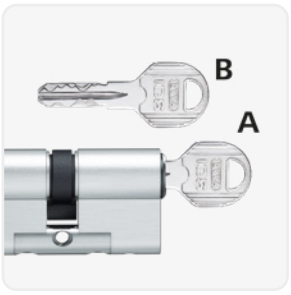
Variants	0088002458 – Finlube 100ml | 0088002431 – Finlube 300ml | 0088002423 – Finlube 500ml
Product code	M.TE[0088002458, 0088002431, 0088002423]
Ordering example for accessories	M.TE.0088002431

Sample illustration

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

FPS Product catalogue | Subject to misprints and technical changes.

FPS | Implementation

01

Page 140

Support

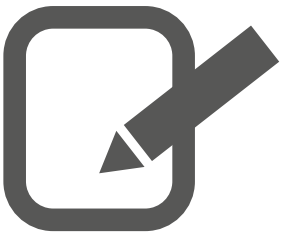
Customer requests, support tools, system selection, quick test

02

Page 142

Planning

Project planning, project planning tools, prices, standards



FPS Product catalogue | Subject to misprints and technical changes

03 Page 150

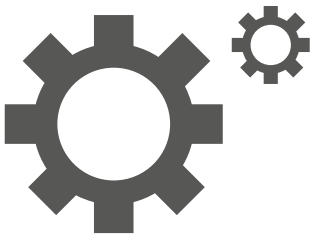
Setup

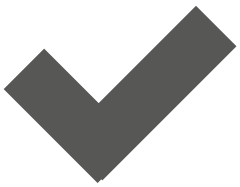
Ordering, delivery times, system setup

04 Page 152

Handover & Operation

Documentation, training, support & warranty, maintenance & updates





FPS Product catalogue | Subject to misprints and technical changes.

Support | Parameters, tips and tools

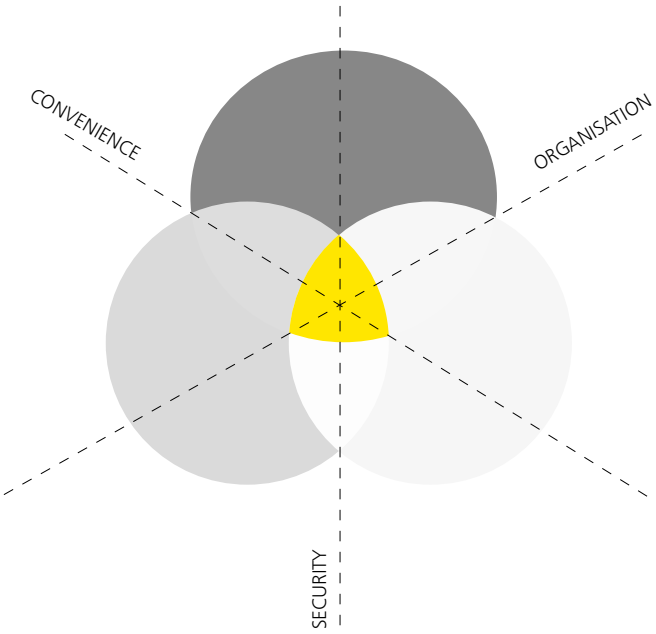
Comprehensive and responsible support is particularly important with regard to security.

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.

FPS Product catalogue | Subject to misprints and technical changes

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**

Wide range of promotional materials
» EVVA promotional material catalogue

Specialist training sessions
»EVVA training folder

Visit EVVA
»EVVA showroom

FPS Product catalogue | Subject to misprints and technical changes.

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.

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

2 Copy-proof keys
Unauthorised duplication of keys must be precluded.
20 points

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

4 Tough for burglars to crack
Cylinder locks must be equipped with as many protective features as possible to withstand burglary attacks.
10 points

5 I lock everywhere
A single key that can lock everything from the entrance gate to the filing cabinet. The wide range of EVVA products makes it possible.
10 points

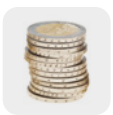
6 Organisation is paramount.
Apart from the numerous cylinder types, special versions and options make a customised installation possible.
5 points

7 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 carrying case.
5 points

8 Recognised security
Valid certifications and approvals provide legal certainty.
5 points

9 Full control
The EVVA security card gives the owner control over repeat orders and system changes.
5 points

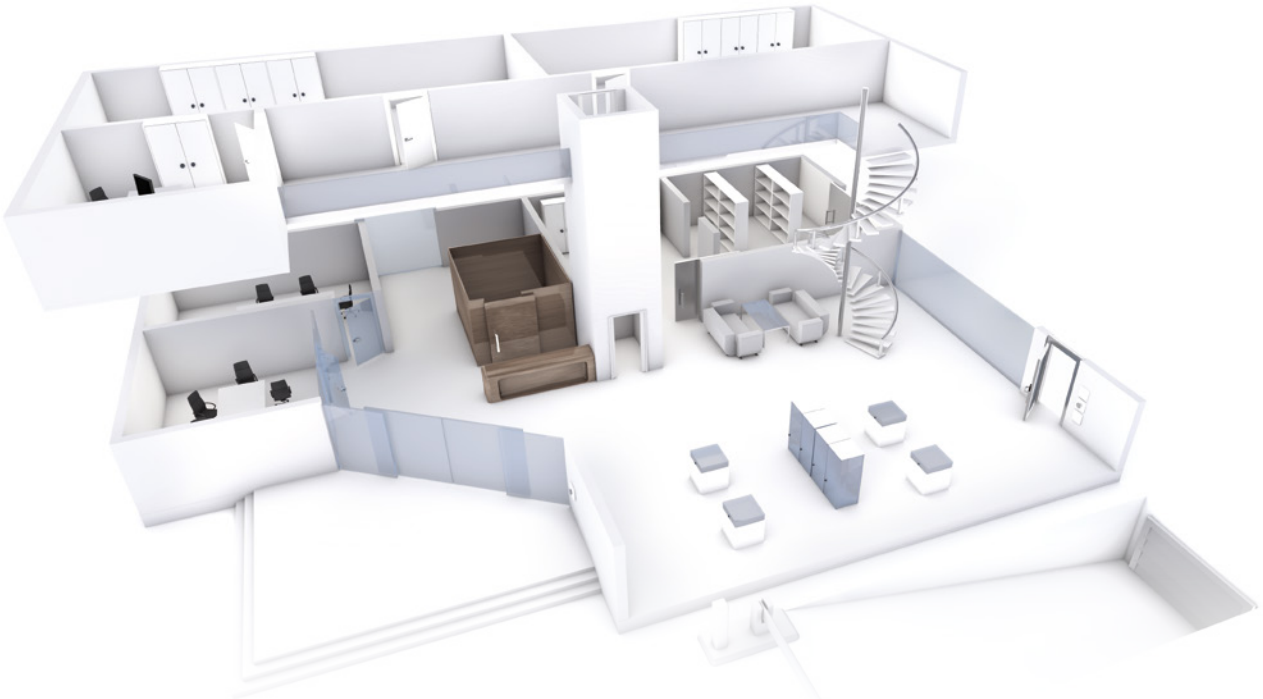
10 True greatness
Not only large master key systems must be feasible - it must also be possible to map special organisational authorisations, e.g. for building technicians.
10 points



11 Investment secured
A 20-year after-sales service for the master key system safeguards the investment costs.
10 points

Security
Product range
Convenience
Cylinder service life
Complex system

FPS Product catalogue | Subject to misprints and technical changes



FPS system
» 0–20 points

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

EPS system
» 21–40 points

The high-end EPS pin tumbler system includes a vast 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	7/10	8/10	10/10
7/10	10/10	7/10	9/10	9/10
5/10	5/10	8/10	10/10	9/10
6/10	6/10	7/10	10/10	10/10
3/10	6/10	7/10	10/10	10/10

FPS Product catalogue | Subject to misprints and technical changes.

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.

15×

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

20×

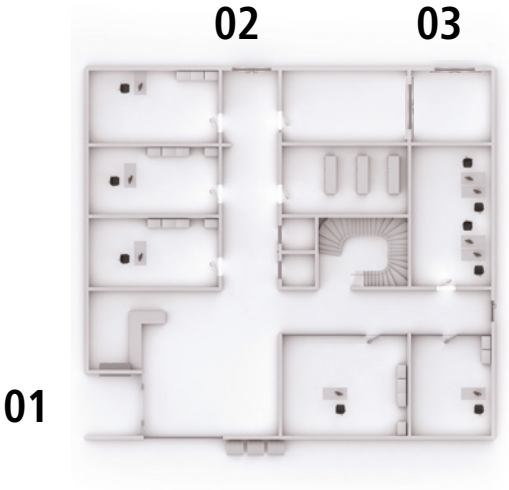
Users
Employees and others
Authorised

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.

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



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.

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

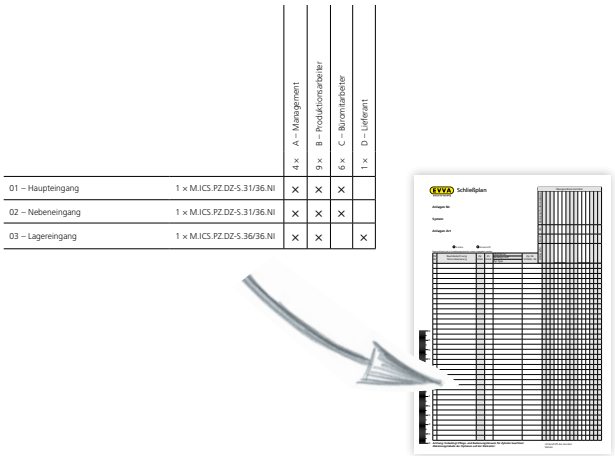
B - Production staff
Entrances and exits, production rooms, warehouse

C - Office staff
Entrances and exits, offices, archive

D - Supplier
Warehouse entrance

4. Creating lock charts

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



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.

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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 EI_2 90-C_5: in this case, a cylinder lock for a 90 minute fire resistance must be installed.
› Double cylinder DZ

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EN 1125 EN 179

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

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 burglar-resistant doorplates that do not have pull protection (class B or higher).

Product example:
- Double cylinder M.FPS.PZ.DZ with VdS option

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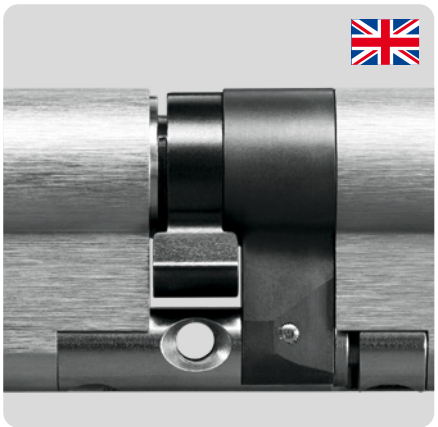
Institut SKG
SKG***

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

Product example:
- Thumbturn cylinder M.FPS.PZ.KZ 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.FPS.AI.AZ37.SEC
- Scandinavian oval profile cylinder M.FPS.PZ.SKA

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NBÚ certificate

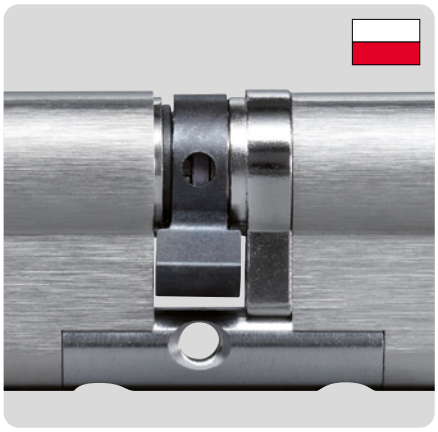
The Czech National Security Agenzy issues product certificates for certified products in accordance with ČSN EN 1627 based on tests carried out by an accredited testing centre. This officially certifies the burglary-resistant properties of the cylinder.

Product example:
› Double cylinder DZ

Trezor Test

The Czech institute Trezor Test is an accredited testing institute for burglary resistance. EVVA cylinders 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 cylinders 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

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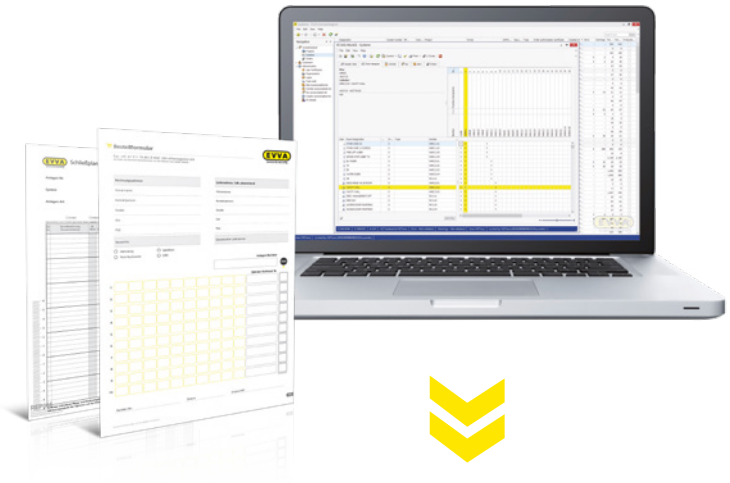
Installation | Let's get started

Your order:

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



Available within 10 days

EVVA's sensational delivery promise: Cylinders delivered to the desired delivery address within 10 days of order confirmation.*

* Switzerland, Czech Republic, Slovakia, Poland up to 20 units. More information in the reseller price list.
** FPS and EPS systems
*** EPS, ICS, 4KS, MCS, AirKey and Xesar systems

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Fast assembly

The cylinders and keys are sorted and delivered with a lock chart. This allows cylinders to be quickly allocated to the installation location and then installed.

Compact cylinder**.

with SY-MO***

adapt
the cylinder

If the door dimensions are not known until very late, then score points with the SY-MO*** modular. Subsequent adaptions are possible.

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.

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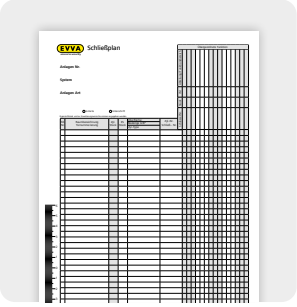
Handover & Operation | Components

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



Lock charts

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

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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:

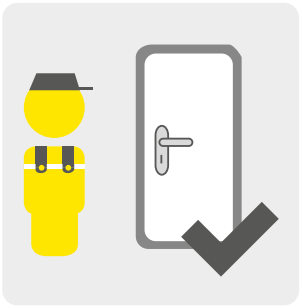
EVVA hotline
EVVA partners have a technical support hotline available for mechanical products.

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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Notes

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Legal notice

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