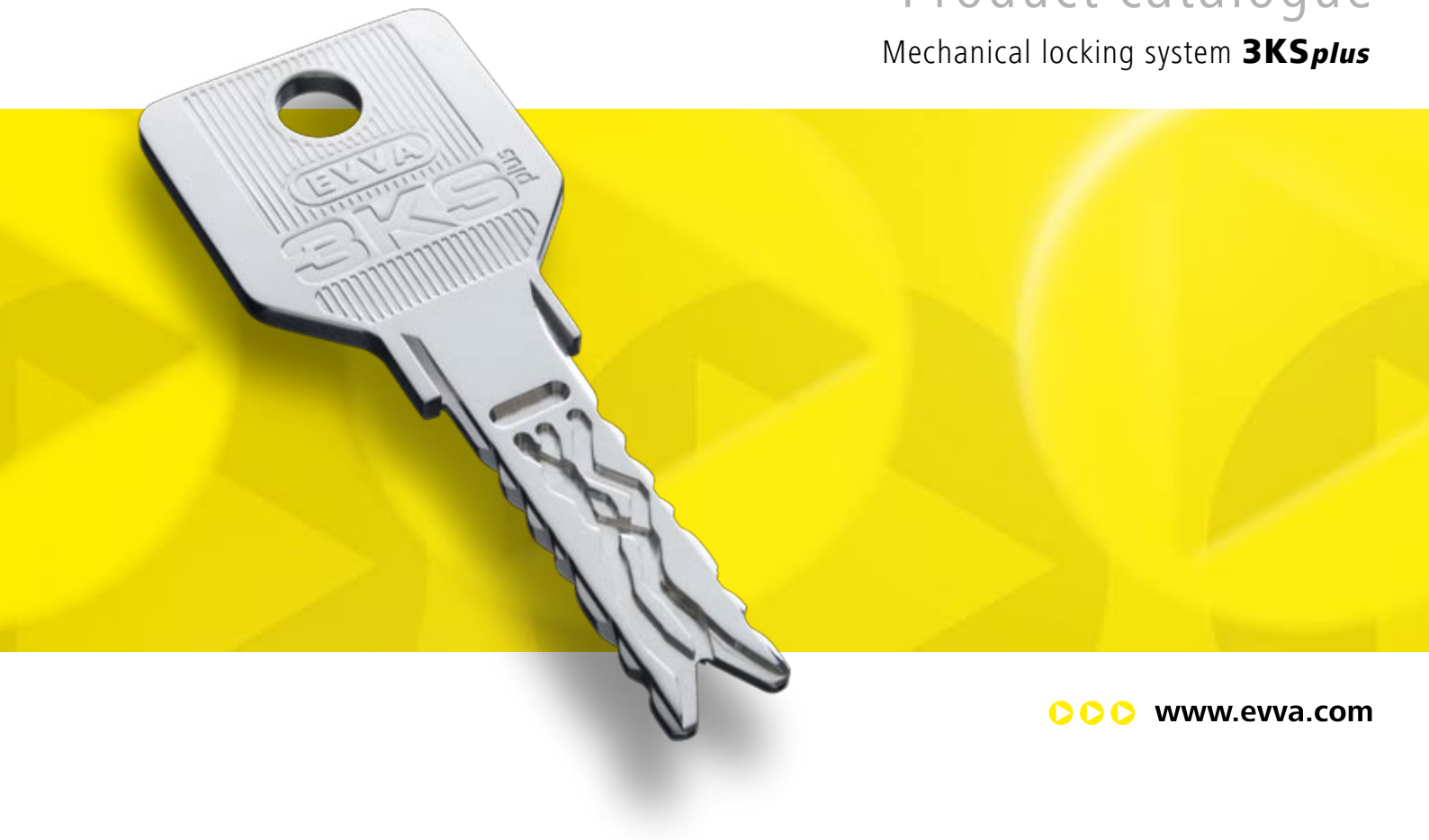
EVVA
access to security

Product catalogue

Mechanical locking system **3KS*plus***



www.evva.com

System characteristics

The 3KS (3 curve system) is a reversible key system that distinguishes itself by virtue of its unique springless function principle. Unlike classic locking systems, locking elements in the 3KS cylinder move along the curves of the key under positive control, not pushed by spring force. This ensures the best wear resistance and picking protection. Thanks to the enormous number of possible variations, complex master key systems can be calculated and unusual lock authorisation requests can be fulfilled.
3KS cylinders in Euro profile are manufactured modularly, thus an on-site length adaptation can be made anytime.

Key copying protection

- Organisational protection through a legitimating procedure for key orders.
- Legal protection through patents and industrial property rights
- Technical protection through sophisticated curve pattern

Cylinder Security

- Picking protection
- Drilling protection through hard metal elements in the body and plug
- Pulling protection
- Bump-key protection

Length deviations of 0.5 mm per cylinder side possible.

Reg.Nr. ON-N2006288 B 5351 GEPRUFT $W_2$6 VdS SKG 90 min KM 547775

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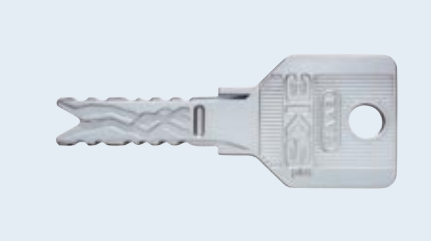
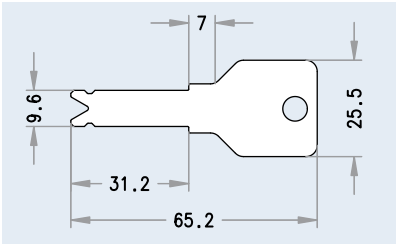
Standard Key



Technical data

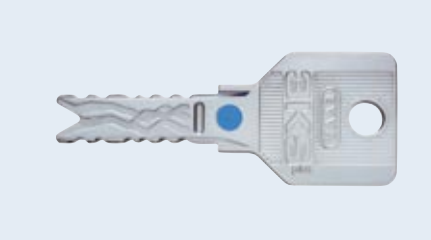
- Key made of an extremely durable nickel silver alloy



Ordering information

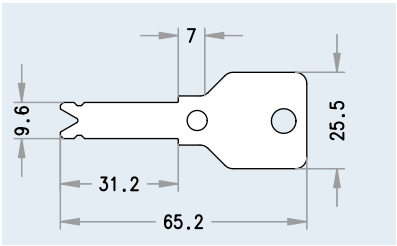
- SL [system and key number]

Key With Colour Dot



Technical data

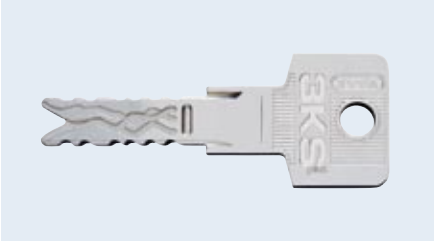
- Key made of an extremely durable nickel silver alloy
- Recessed colour dot on key neck



Ordering information

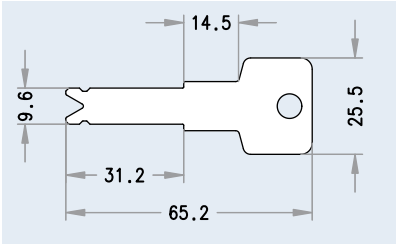
- SL [system and key number]
- Colour dot [colour]: red, blue, green, yellow, brown, black, ice green, violet, dark red, aubergine, pink

Key With Elongated Neck



Technical data

- Specially shaped key made of a durable nickel silver alloy for use with armoured security escutcheons



Ordering information

- SLLH [system and key number]

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

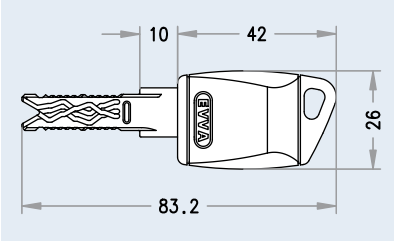
Key With Plastic Cap

Ordering information

- SLKA [system and key number]
- Unless otherwise specified, key has anthracite colour or key upper section in red, blue, green, yellow

Technical data

- Key made of an extremely durable nickel silver alloy
- Key cap made of plastic, colour: anthracite
- Key upper section made of plastic, colour: red, blue, yellow, green.



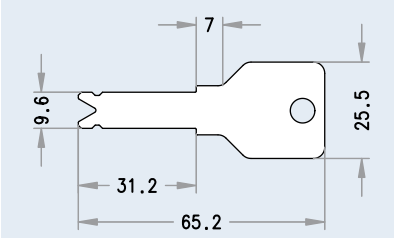
Key With Additional Numbering

Ordering information

- SL [system and key number] designation/ number as required by customer; up to 18 characters if technically possible (no special characters)

Technical data

- Customised inscription (in addition to system number and key number), e.g. "Mom"
- Consecutive numbering of keys (keys with identical authorisations receive consecutive number)
- Key made of an extremely durable nickel silver alloy



Errors and misprints excepted. Subject to technical change without notice.

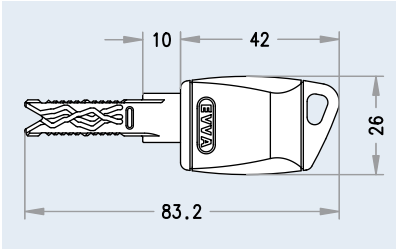
Proximity Combi-key

Ordering information

- SL [system and key number] CCM1KES (MIFARE 1k, anthracite)
- SL [system and key number] CCM4KES (MIFARE 4k, anthracite)
- SL [system and key number] CCD4KES (Desfire 4k, anthracite)
- SL [system and key number] CCL1KES (Legic 1k, anthracite)
- Red or yellow cap colour available

Technical data

- Key with integrated electronic identification medium (contactless)
- Key bow made of durable polycarbonate, colour: anthracite



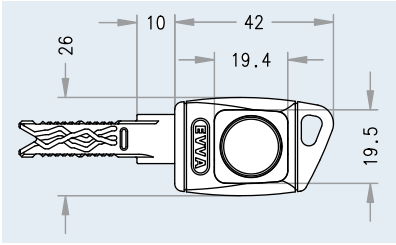
iButton Combi-key

Ordering information

- SL [system and key number] CEIRWES (iButton R/W 512B)

Technical data

- Key with integrated electronic identification medium (touch-sensitive)
- Key bow made of durable polycarbonate, colour: anthracite



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

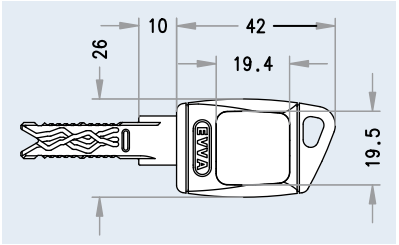
Combi-key Upgrade Models

Ordering information

- SL [system and key number] CE000TS

Technical data

- Key is designed to integrate electronic upgrade media (contactless and touch-sensitive)
- Key bow made of durable polycarbonate, without electronics, colour: anthracite
- Key can be retrofitted with an electronic medium by the customer



MIFARE 1 K/Legic 1 K Combi-key Upgrade Medium

Ordering information

- CMM1KE0
- CML1KE0

Technical data

- Key cover with integrated electronic identification medium for use in Combi-key upgrade models
- MIFARE 1 K identification medium
- Legic 1 K identification medium

iButton R/W 512 B Combi-key Upgrade Medium

Ordering information

- CMIRWE0

Technical data

- Key cover with integrated electronic identification medium for use in Combi-key upgrade models
- iButton R/W 512 B identification medium

DZ Double Cylinder

Ordering information

- DZ cylinder length A/B, [finish], [security and usage options]

Applications and usage

- For mortise locks in accordance with DIN or ÖNORM
- For mortise locks in accordance with European technical standards
- For mortise locks with profile cylinder hole

Functional characteristics

- Lockable on both sides with key
- Cam rotation: 360 degrees
- Cam removal position: 30 degrees (from the short side)

Security features

- Hard metal drilling protection in plug and body
- Pulling protection due to chrome-nickel connecting rod
- Vertical key insertion and optimal scanning of locking elements

Technical data

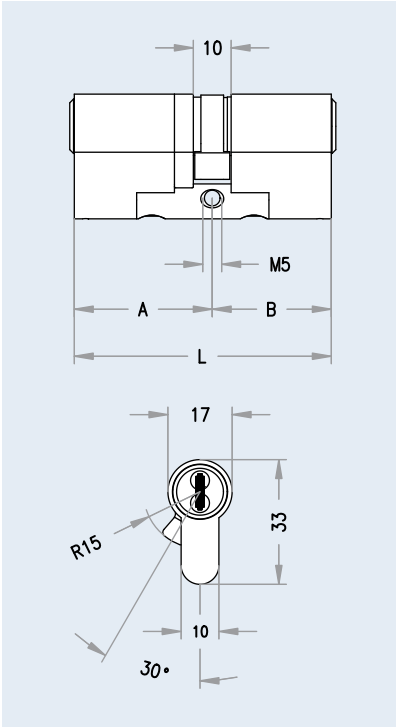
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 30 degrees
- Cam width: 9.3 mm
- Modular cylinder design

Scope of supply

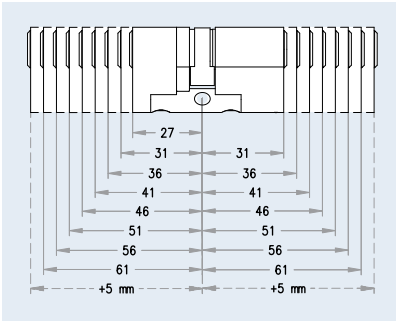
- Locking cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Cylinder length 27/31 not possible!

Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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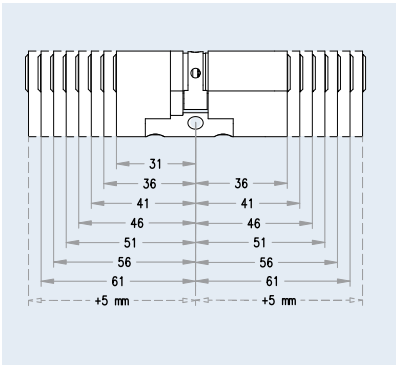
DZ Double Cylinder | Options

BSZ - double cylinder with external key override, danger function for double cylinder

Permits operation of the cylinder even when an authorised key is inserted in the opposite side.

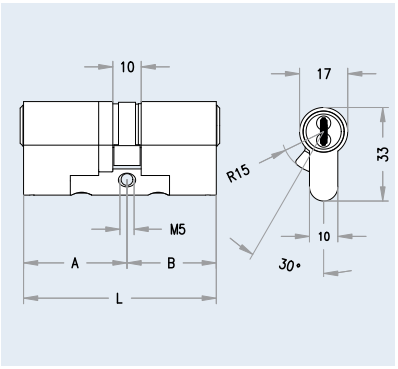


Ordering information

- DZ cylinder length A/B, [finish] BSZ

KZS – special drilling and pulling protection

Plug pulling with special tools is prevented by special hard metal pins. Increased drilling protection is also provided. KZS protects against visible opening methods and exceeds the protective goals of norms.

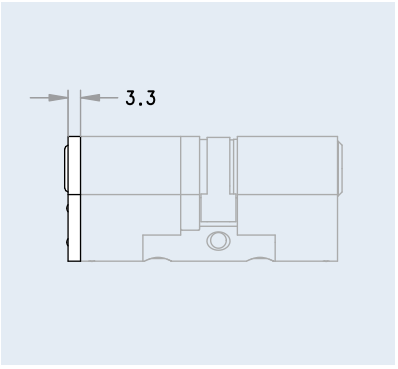


Ordering information

- DZ cylinder length A/B, [finish] KZS-.– KSZ-ES (one sided, with symmetric cylinders)
  - KZS-BS (both sides)
  - KZS-KS (short side)
  - KZS-LS (long side)

SSW – protection mechanism against dust and weathering influences (dust cover)

Spring-loaded shutter plates integrated into the cylinder that automatically open or close when the key is inserted or removed.

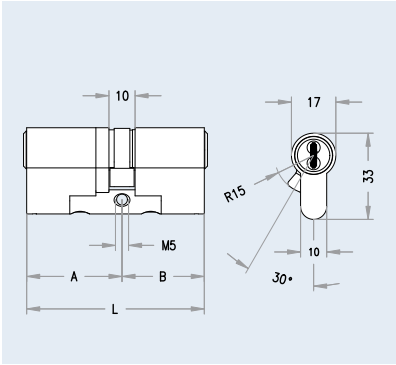


Ordering information

- DZ cylinder length A/B, [finish]
  - SSW-BS (both sides)
  - SSW-ES (one sided, with symmetric cylinders)
  - SSW-KS (short side)
  - SSW-LS (long side)

DZ Double Cylinder | Options

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

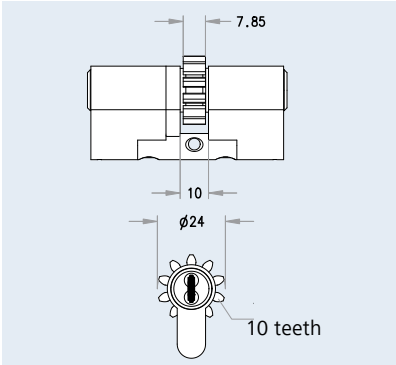


Ordering information
- DZ cylinder length A/B, [finish]
  SEW

VdS–cylinder
VdS-certified cylinder for installation in high-security areas.
Increased resistance to visible and non-visible opening techniques.
VdS-cylinders are manufactured according to the currently valid VdS-guidelines.

Ordering information
- DZ cylinder length A/B, [finish]
  VdS

ZR10 cog-wheel cam
(10 teeth)
The cylinder is designed for multi-point locks or special mortise locks that are operated via a gear ring or a toothed rack.

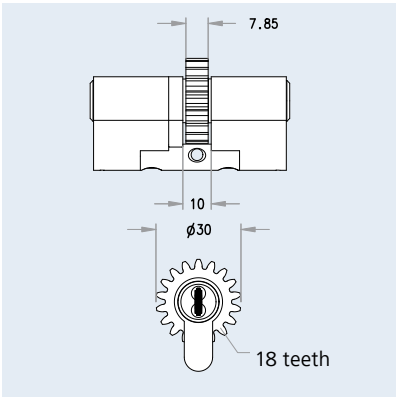


Ordering information
- DZ cylinder length A/B, [finish] ZR10

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

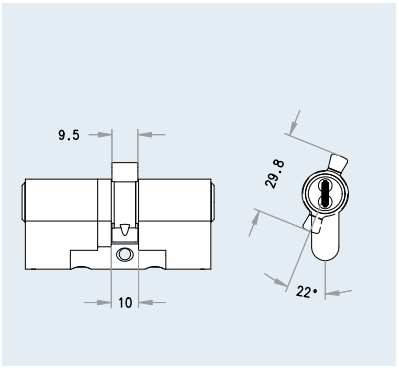
DZ Double Cylinder | Options

ZR18 cog-wheel cam
(18 teeth)
The cylinder is designed for multi-point locks or special mortise locks that are operated via a gear ring or a toothed rack.

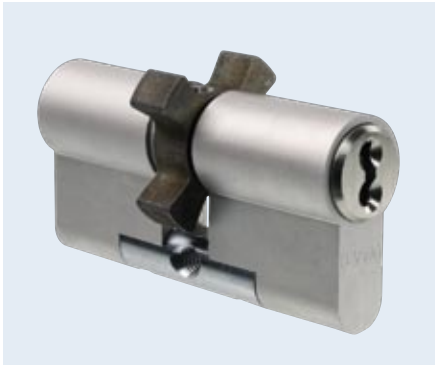


Ordering information
- DZ cylinder length A/B, [finish] ZR18

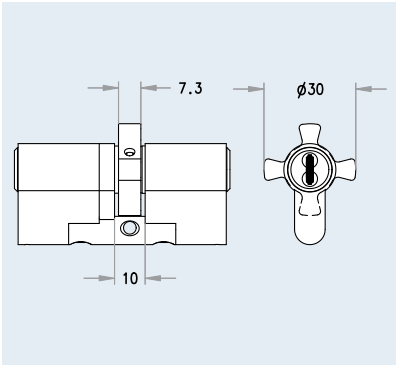
BIF double cam
The cylinder is designed for manufacturer-specified locks in Biffar doors.



Ordering information
- DZ cylinder length A/B, [finish] BIF
- Cam position: 22 degrees, from short cylinder side
- Please observe the door manufacturer's instructions!



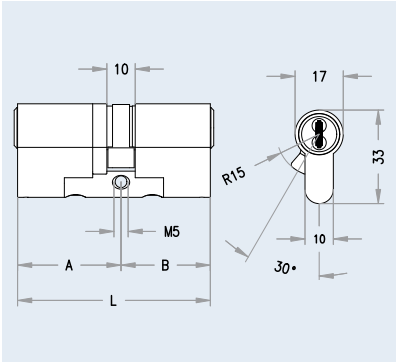
STEN star cam
The cylinder is designed for ABUS bar locks types PR1500 & PR1600.



Ordering information
- DZ cylinder length A/B, [finish] STEN

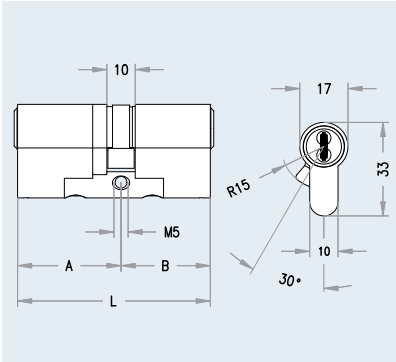
DZ Double Cylinder | Options

VAR - Vario, construction keying
If an authorised key is lost or stolen, the cylinder can be mechanically recoded with the Vario B key in such a manner that the lost/stolen key cannot operate the cylinder anymore.



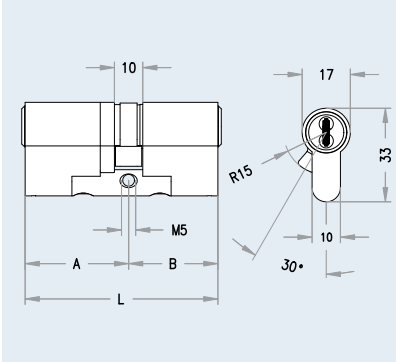
Ordering information
- DZ cylinder length A/B, [finish] Vario

GEFE – emergency key feature
A special emergency key can operate the cylinder even when an authorised key is inserted on the opposite side.



Ordering information
- DZ cylinder length A/B, [finish] GEFE

Double cylinder with shortened body
Cylinder with shortened body, also for use in special metal-frame doors with integrated security rose.



Ordering information
- DZ cylinder length A/B, [finish] ZVS-(ES/LS/KS)
- ZVS-ES (one sided, with symmetric cylinders)
- ZVS-LS (long side)
- ZVS-KS (short side)

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

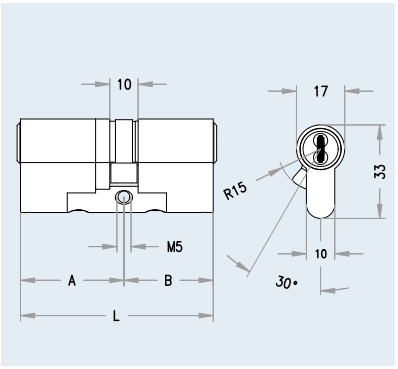
DZ Double Cylinder | Options

Ordering information

- DZ cylinder length A/B, [finish] PA

PA partner cylinder

The cylinder can only be operated when an authorised key is inserted on the opposite side.

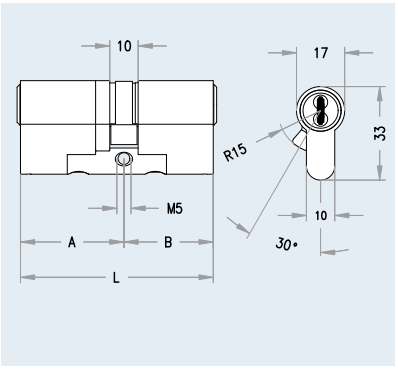


Ordering information

- DZ cylinder length A/B, [finish] USH;
- Specification of locking authorisations per cylinder side (A/B)

USH differing locking hierarchy

The cylinder has different A/B hierarchic authorisation levels, e.g. the outside can only be operated by a super-ordinate key while the inside can be operated with any authorised key.

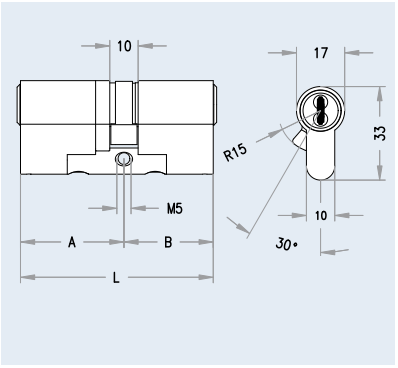


Ordering information

- DZ cylinder length A/B, [finish], FL2

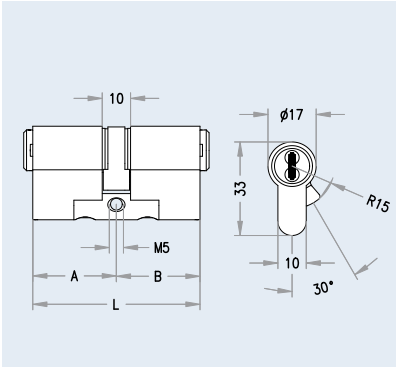
FL2 - double cylinder with free-wheel function

Cylinder with 360 degree free-wheeling cam when key is not inserted. Coupling engaged when the key tip is inserted.



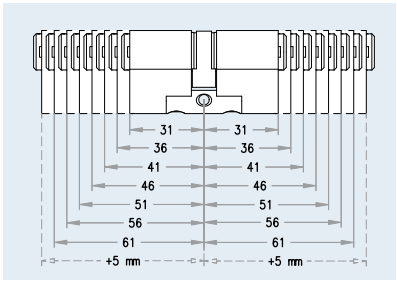
DZ Double Cylinder | Options

Double cylinder with free-wheel function and positive decoupling
Cylinder with 360 degree free-wheeling and positive-action decoupling of the cam. Coupling engaged when the key tip is inserted.
Special cam design.
Suitable for geared-lock anti-panic multiple locking.



Ordering information

- DZ cylinder length A/B, [finish]
  FZG

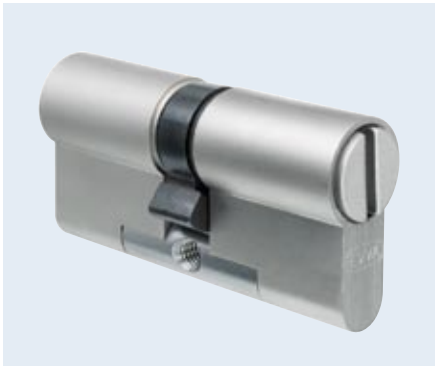


Options overview
ARS possible only in compact design
Vario possible only in compact design
S = Standard
● simple combination possible

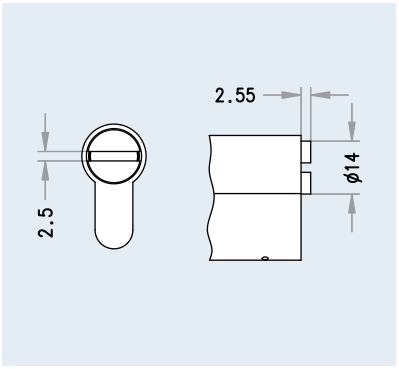
		BSZ	KZS	SSW	SEW	ARS	VDS	NS	ZR10	ZR18	BIF	STEN	VAR	GEFE	HOTE	ZVS	PA	USH	FREI	FZG	DUP
external key override	BSZ	-	●	●	●	-	●	S	●	●	●	●	●	-	-	●	-	●	-	-	-
plug pulling protection	KZS	●	-	-	●	-	S	S	●	●	●	●	●	●	-	●	●	●	●	●	-
dust cover	SSW	●	-	-	●	-	●	S	●	●	●	●	●	●	-	-	●	●	●	●	-
sea water resistant	SEW	●	-	●	-	-	●	S	●	●	●	●	●	●	-	●	●	●	●	●	-
protection against breaking off	ARS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cylinder certified acc to VdS	VDS	●	S	-	●	-	-	S	●	●	●	●	-	-	-	-	-	●	-	-	-
wear resistance	NS	S	S	S	S	-	S	-	S	S	S	S	S	S	-	S	S	S	S	S	-
cog wheel cam (10 teeth)	ZR10	●	●	●	●	-	●	S	-	-	-	-	●	●	-	●	●	●	-	-	-
cog wheel cam (18 teeth)	ZR18	●	●	●	●	-	●	S	-	-	-	-	●	●	-	●	●	●	-	-	-
Biffar double cam	BIF	●	●	●	●	-	●	S	-	-	-	-	●	●	-	●	●	●	-	-	-
star cam	STEN	●	●	●	●	-	●	S	-	-	-	-	●	●	-	●	●	●	-	-	-
construction keying	VAR	●	●	●	●	-	-	S	●	●	●	●	-	-	-	●	●	-	●	●	-
emergency function	GEFE	-	●	●	●	-	-	S	●	●	●	●	-	-	-	●	-	●	-	-	-
hotel function	HOTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
shortened body	ZVS	●	●	-	●	-	-	S	●	●	●	●	●	●	-	-	●	●	●	●	-
partner function	PA	-	-	●	●	-	-	S	●	●	●	●	●	-	-	●	-	●	-	-	-
differing locking hierarchy	USH	●	●	●	●	-	-	S	●	●	●	●	-	-	-	●	●	-	●	●	-
free wheel cam	FREI	-	-	●	●	-	-	S	-	-	-	-	●	-	-	●	-	●	-	-	-
free wheel cam for geared lock	FZG	-	-	●	●	-	-	S	-	-	-	-	●	-	-	●	-	●	-	-	-
four-eyes principle	DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

DZ Double Cylinder | Options



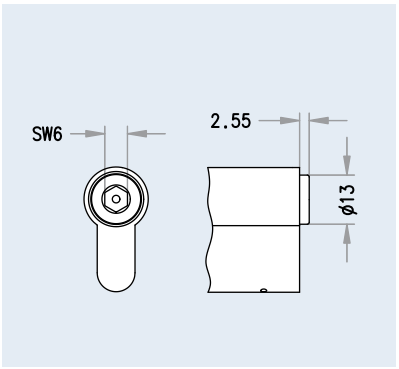
Double cylinder, slot on one side
Can be operated with an authorised key on one side and with a flat object on the Flex side.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side).



Ordering information

- DZ cylinder length A/B, [finish] Flex S-(ES/LS/KS)
- Flex S-ES (one sided, with symmetric cylinders)
- Flex S-LS (long cylinder side)
- Flex S-KS (short cylinder side)

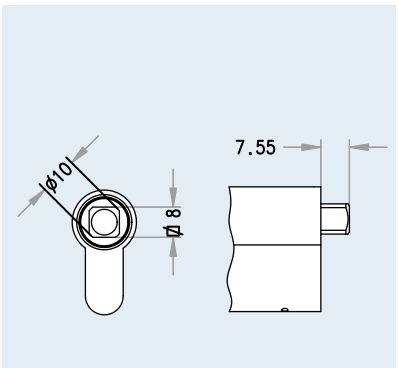
Double cylinder, Allen socket on one side
Can be operated with an authorised key on one side and with a SW6 Allen key on the Flex side.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side)



Ordering information

- DZ cylinder length A/B, [finish] (ES/LS/KS) [security, application and convenience options]
- Flex I6-ES
- Flex I6-LS
- Flex I6-KS

Double cylinder, square socket on one side
Can be operated with an authorised key on one side and with an 8 mm square socket key on the Flex side.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side).

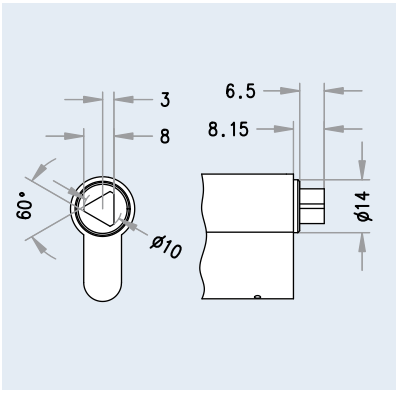


Ordering information

- DZ cylinder length A/B, [finish] (ES/LS/KS) [security, application and convenience options]
- Flex 4K-ES
- Flex 4K-LS
- Flex 4K-KS

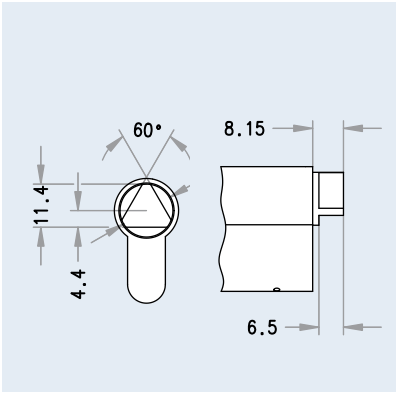
DZ Double Cylinder | Options

Double cylinder, 8 mm three-square socket on one side
Can be operated with an authorised key on one side and with an 8 mm three-square key on the Flex side.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side)



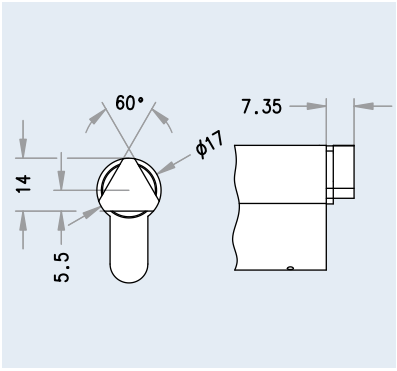
Ordering information
- DZ cylinder length A/B, [finsih] (ES/LS/KS) [security, application and convenience options]
- Flex D8-ES
- Flex D8-LS
- Flex D8-KS

Double cylinder, 11 mm three-square socket on one side
Can be operated with an authorised key on one side and with an 11 mm three-square key on the Flex side.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side)



Ordering information
- DZ cylinder length A/B, [finsh] (ES/LS/KS) [security, application and convenience options]
- Flex D11-ES
- Flex D11-LS
- Flex D11-KS

Double cylinder, 14 mm three-square socket on one side
Can be operated with an authorised key on one side and with an 14 mm three-square key on the Flex side.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side).



Ordering information
- DZ cylinder length A/B, [finsh] (ES/LS/KS) [security, application and convenience options]
- Flex D14-ES
- Flex D14-LS
- Flex D14-KS

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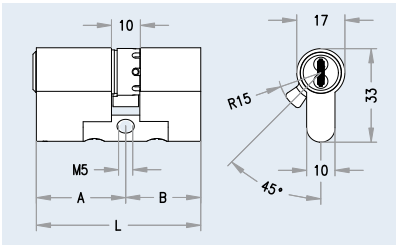
DZ Double Cylinder | Options

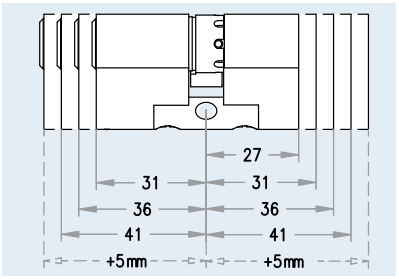
Ordering information

- DZ cylinder length A/B, [finish], Flex BL-(ES/LS/KS)
- Flex BL-ES (one sided, with symmetric cylinders)
- Flex BL-LS (long cylinder side)
- Flex BL-KS (short cylinder side)

Double cylinder, blind on one side

Can be operated with an authorised key on one side.
Other cylinder side is blind, cannot be operated.
Cam rotation is 360 degrees and cam removal position is 30 degrees (from the short side).



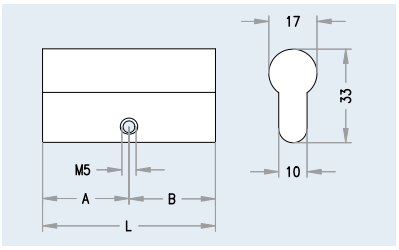


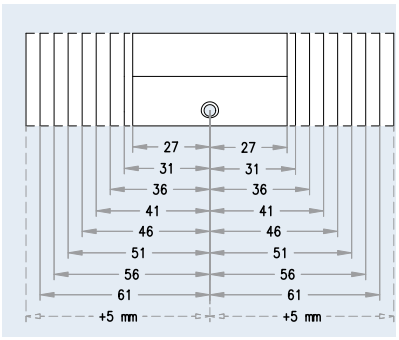
Ordering information

- DZ cylinder length A/B, [finish], BLIND

Double cylinder, blind on both sides

Double cylinder is blind on both sides, mortise lock cannot be used.
For doors that must not be locked but where the cylinder hole must be sealed.





KZ Thumbturn Cylinder

Ordering information

- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/[thumbturn design]
- When thumbturn design is not specified: AKN standard thumbturn

Applications and usage

- For mortise locks in accordance with DIN or ÖNORM
- For mortise locks in accordance with European technical standards
- For house doors, connecting doors, flat entry doors, security doors, metal frame doors, ...
- For break-in resistant doors of resistance class Wz6

Functional characteristics

- Can be locked from the outside with a key
- Thumbturn on the inside to lock and unlock the door
- Cam rotation: 360 degrees

Security features

- Hard metal drilling protection in the outside plug and body
- Pulling protection through chrome-nickel connecting rod
- Vertical key insertion for optimal scanning of locking elements

Technical data

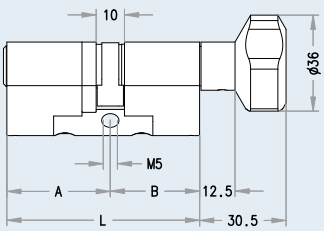
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 30 degrees
- Cam width: 9.3 mm
- Modular cylinder design
- Finishes: satin nickel plated, satin brushed, polished lacquer

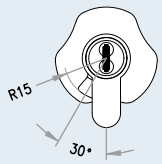
Scope of supply

- Locking cylinder with thumbturn and fixing screw

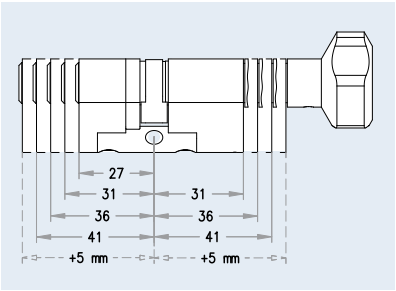
Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- If required, inside thumbturn can be removed with a tool and replaced with another EVVA thumbturn
- Cylinder fixed through a M5 fastening hole





Cylinder lengths



Finishes

Finishes	Abbreviations	Cylinder	AKN, KKN, FKN	RKN, MKN	OKN, OKNA	GKN
Polished brass	PB	●	●	●	●	●
Satin nickel	NI	●	●	●	●	●
Polished nickel	PN	O	O	O	O	O
Satin chrome	CR	O	O	O	O	O
Polished chrome	PC	O	O	O	O	O
Black	BL	O	O	O	O	O
Brown	BW	O	O	O	O	O
Satin brass	BR	O	O	O	O	O
PVD	PVD	O	O	O		O
RAL colour	RAL					O

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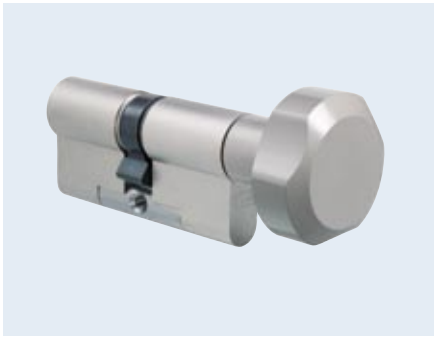
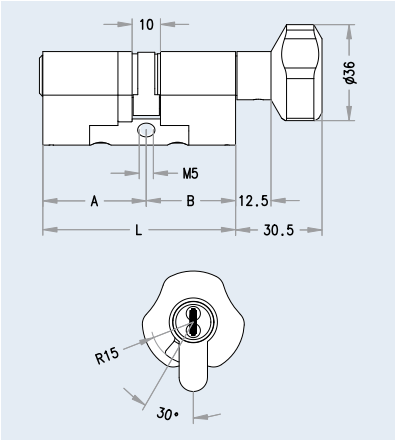
AKN Standard Thumbturn



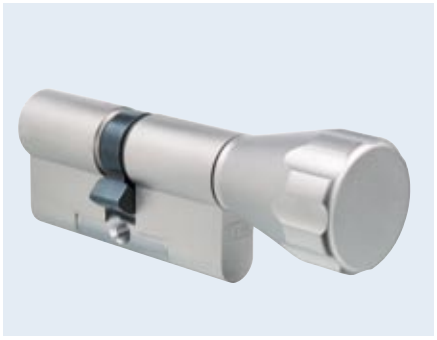
Ordering information

- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/AKN

- **Functional characteristics**
  - Removable thumbturn with three grip recesses
- **Technical data**
  - Base material: brass
  - Finishes: satin nickel plated, satin brushed, polished lacquer



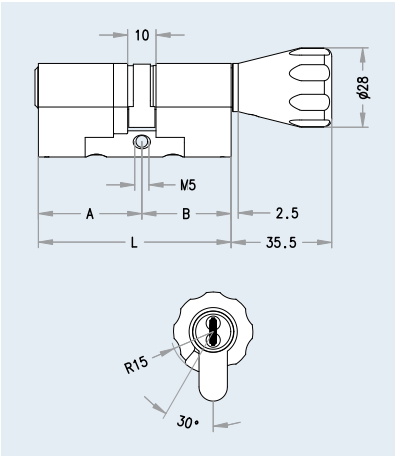
KKN Conical Thumbturn



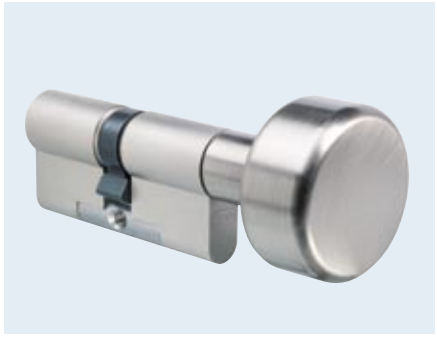
Ordering information

- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/KKN

- **Functional characteristics**
  - Removable, cone-shaped thumbturn with grip recesses
- **Technical data**
  - Base material: brass
  - Finishes: satin nickel plated, satin brushed, polished lacquer



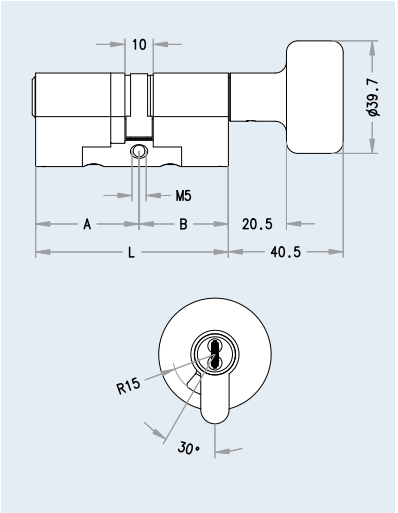
RKN Round Thumbturn



Ordering information

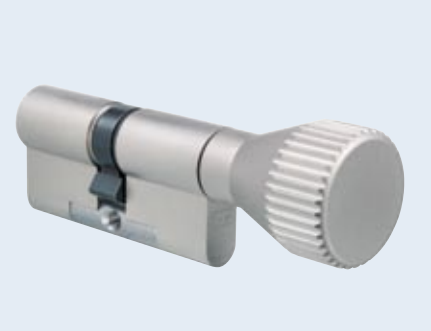
- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/RKN

- **Functional characteristics**
  - Removable, round thumbturn set off to the rear
- **Technical data**
  - Base material: brass
  - Finishes: satin nickel plated, satin brushed, polished lacquer



Subject to technical modifications as well as layout and typographical errors.

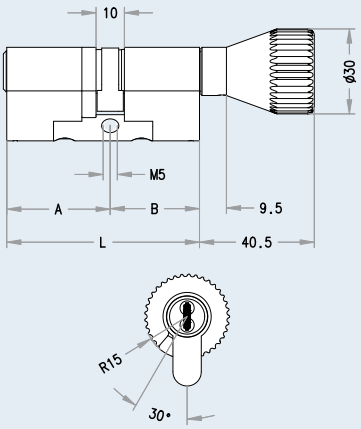
MKN Knurled Metal Thumbturn



Ordering information
- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/MKN

Functional characteristics
- Removable, knurled thumbturn with medium-sized serrations

Technical data
- Base material: brass
- Finishes: satin nickel plated, satin brushed, polished lacquer

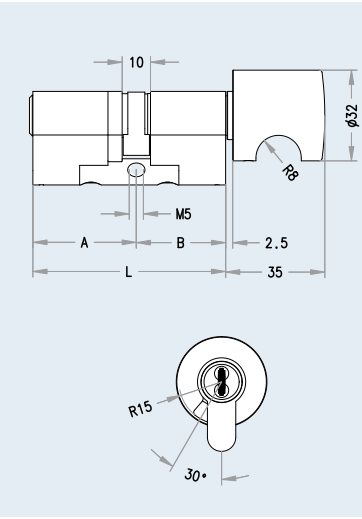


GKN Recessed Grip Thumbturn

Ordering information
- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/GKN

Functional characteristics
- Removable, round thumbturn set off to the rear

Technical data
- Base material: brass
- Finishes: satin nickel plated, satin brushed, polished lacquer
- Or lacquered in RAL colours: blue RAL5002; dark green RAL6012; yellow RAL1004; green RAL6001; grey RAL7038; red RAL3003; black RAL9005; white RAL 9010; other RAL colours on request

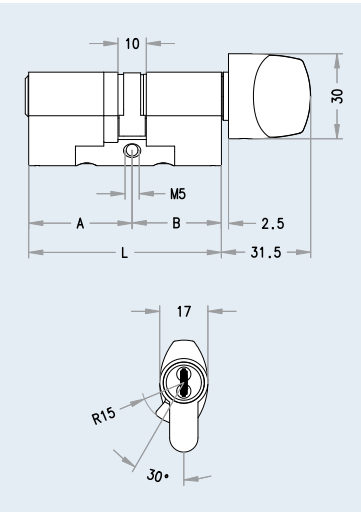


FKN Flat Thumbturn

Ordering information
- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/FKN

Functional characteristics
- Stylishly shaped, removable, flat thumbturn with 2 grip recesses
- Particularly suitable for the elderly and people with disabilities

Technical data
- Base material: brass
- Finishes: satin nickel plated, satin brushed, polished lacquer



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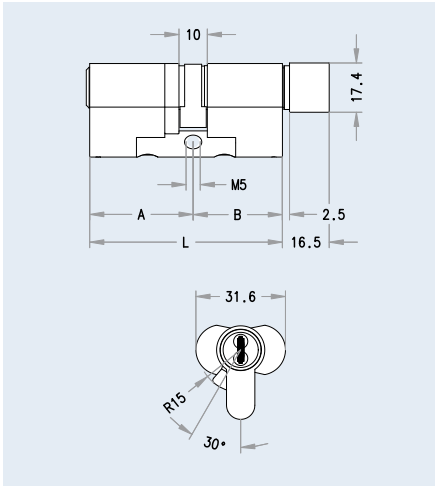
OKN Oval Thumbturn

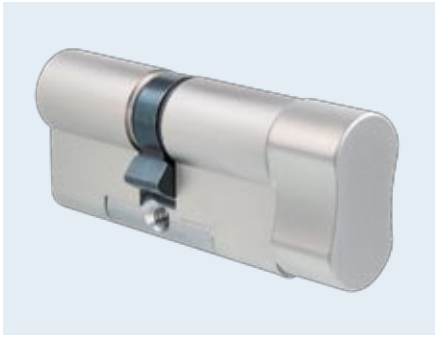
Ordering information
- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/OKN

Functional characteristics
- Removable, horizontal, light metal thumbturn with two grip recesses

Technical data
- Base material: aluminium
- Finishes: satin nickel plated, F2 anodized, F3 anodized, polished gold colour



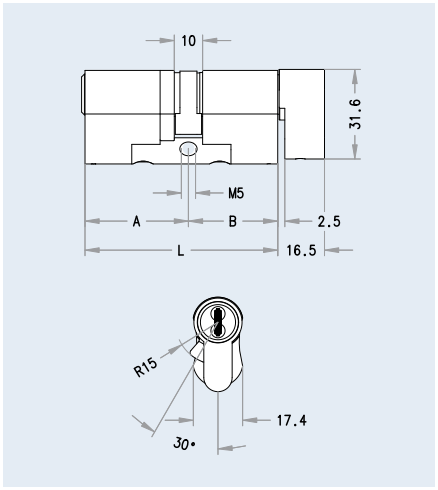
OKNA Asymmetric Oval Thumbturn



Ordering information
- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/OKNA

Functional characteristics
- Removable, vertical, light metal thumbturn with two grip recesses

Technical data
- Base material: aluminium
- Finishes: satin nickel plated, F2 anodized, F3 anodized, polished gold colour



Thumbturn Cylinders | Options

Ordering information
- KZ cylinder length A/B, CLASS (A=outer side; B=inner side (thumbturn side)
- [finish)/[thumbturn design]
- When thumbturn design is not specified: AKN standard thumbturn

Thumbturn cylinder with classroom function
The thumbturn side (inside area) can only be unlocked with the thumbturn. Locking from the inside (e.g. class rooms) is not possible. In addition the key side always has priority function. Thus the cylinder can also be operated from the outside e.g. when the thumbturn is held from the inside.

Installation & operation
- Easy cylinder installation in a prepared, empty cylinder hole
- Adjustable for left/right doors
- Cylinder fixed through a M5 fastening hole

Thumbturn Cylinders | Options

Thumbturn cylinder with SOS function
The key-operated cylinder side is equipped with a priority function. The cylinder can even be operated from the outside when manipulated (e.g. when the thumbturn is being held on the inside).

Further options
See DZ options

Ordering information

- cylinder length A/B, SOS (A=outer side; B=inner side (thumbturn side)
- [Finish]/[thumbturn design]
- When thumbturn design is not specified: AKN standardthumbturn

Options overview
ARS possible only in compact design,
VAR possible only in compact design,
S = Standard
● simple combination possible

		BSZ	KZS	SSW	SEW	ARS	VDS	NS	ZR10	ZR18	BIF	STEN	VAR	GEFE	SOS	HOTE	ZVS	PA	USH	FREI	FZG	DUP
external key override	BSZ	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
plug pulling protection	KZS	-	-	-	●	-	S	S	●	●	●	●	●	-	●	-	●	-	-	-	-	-
dust cover	SSW	-	-	-	●	-	●	S	●	●	●	●	●	-	●	-	-	-	-	-	-	-
sea water resistant	SEW	-	●	●	-	-	●	S	●	●	●	●	●	-	●	-	●	-	-	-	-	-
protection against breaking off	ARS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
cylinder certified acc to VdS	VDS	-	S	-	●	-	-	S	●	●	●	●	-	-	-	-	-	-	-	-	-	-
wear resistance	NS	-	S	S	S	-	S	-	S	S	S	S	S	-	S	-	S	-	-	-	-	-
cog wheel cam (10 teeth)	ZR10	-	●	●	●	-	●	S	-	-	-	-	●	-	●	-	●	-	-	-	-	-
cog wheel cam (18 teeth)	ZR18	-	●	●	●	-	●	S	-	-	-	-	●	-	●	-	●	-	-	-	-	-
Biffar double cam	BIF	-	●	●	●	-	●	S	-	-	-	-	●	-	●	-	●	-	-	-	-	-
star cam	STEN	-	●	●	●	-	●	S	-	-	-	-	●	-	●	-	●	-	-	-	-	-
construction keying	VAR	-	●	●	●	-	-	S	●	●	●	●	-	-	-	-	●	-	-	-	-	-
emergency function	GEFE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
priority function	SOS	-	●	●	●	-	-	S	●	●	●	●	-	-	-	-	●	-	-	-	-	-
hotel function	HOTE	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
shortened body	ZVS	-	●	-	●	-	-	S	●	●	●	●	●	-	●	-	-	-	-	-	-	-
partner function	PA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
differing locking hierarchy	USH	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
free wheel cam	FREI	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
free wheel cam for geared lock	FZG	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
four-eyes principle	DUP	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

HZ Half Cylinder

Ordering information

- HZ cylinder length A, [finish], [security and usage options]

Applications and usage

- For single-turn or multi-turn mortise locks and other locks with a profile cylinder hole
- Key switch
- Activating devices
- Garage doors and roller shutters fastened at the side

Functional characteristics

- Can be operated with a key on one side
- Cam rotation: 360 degrees
- Cam removal position: 45 degrees
- Cam can be set to 8 positions (45°, 90°,135°, 180°, 225°, 270°, 315°, 360°)

Security features

- Hard metal drilling protection in plug and body
- Pulling protection through chrome-nickel connecting rod

Technical data

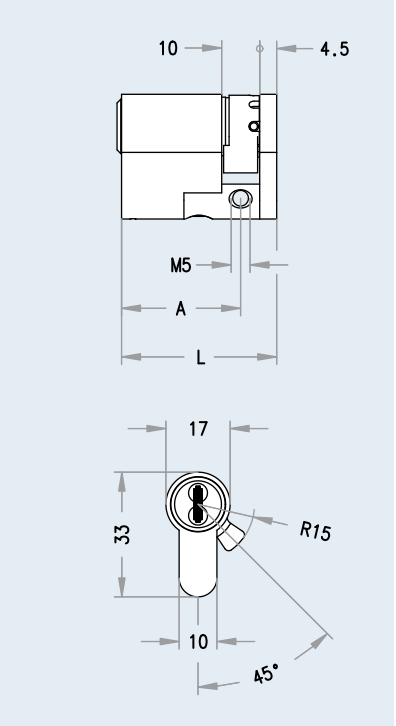
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 45 degrees (changeable)
- Cam width: 9.3 mm
- Modular cylinder design

Scope of supply

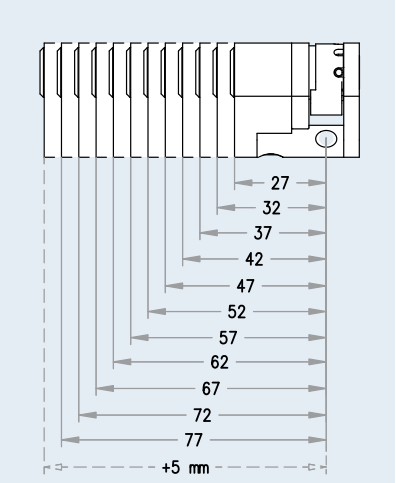
Half cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder should be flush with the escutcheon or rose
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

HZ/S Half Cylinder

Ordering information

- HZ/S cylinder length A, [finish], [security and usage options]

Applications and usage

- Key switch
- Activating devices
- Garage doors, roller shutters, lifts, escalators where fastening is from rear

Functional characteristics

- Can be operated with a key on one side
- Cam rotation: 360 degrees
- Cam removal position: 30 degrees
- Cam can be set to 8 positions (45°, 90°,135°, 180°, 225°, 270°, 315°, 360°)
- Fastened through two M4 threaded holes at the rear
- Fastened through one M5 threaded hole at the side

Security features

- Hard metal drilling protection in plug and body
- Pulling protection through chrome-nickel connecting rod

Technical data

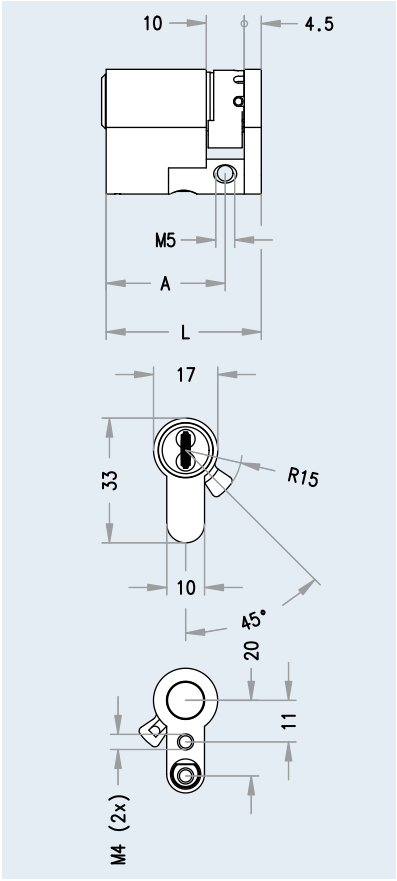
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 45 degrees (changeable)
- Cam width: 9.3 mm
- Modular cylinder design

Scope of supply

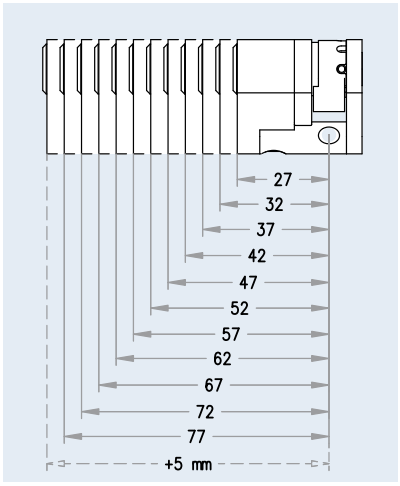
Half cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder should be flush with the escutcheon or rose
- Cylinder fixed through a M5 fastening hole (at the side)
- Cylinder fixed through two rear M4 fastening holes



Cylinder lengths



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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RDZ Round Double Cylinder

Ordering information

- RDZ cylinder length A/B [finish] [security and usage options]

Applications and usage

- For mortise locks designed for round profile cylinders (Swiss profile)
- For house doors, connecting doors, flat entry doors, security doors, metal frame doors, ...

Functional characteristics

- Lockable on both sides with key
- Cam rotation: 360 degrees
- Cam removal position: 22.5 degrees (from the short side)

Security features

- Hard metal drilling protection in plug
- Vertical key insertion for optimal scanning of locking elements

Technical data

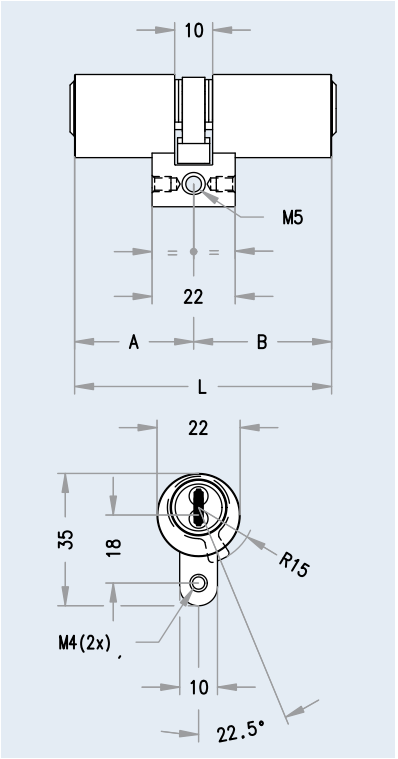
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 22.5 degrees
- Cam width: 9.3 mm
- Compact design

Scope of supply

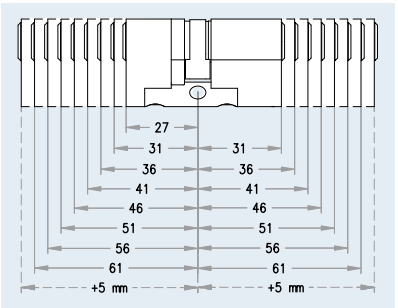
Locking cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

RKZ Round Thumbturn Cylinder

Ordering information
RKZ cylinder length A/B (A=outer side; B=inner side (thumbturn), [finish], [security and usage options] When thumbturn design is not specified: AKN standard thumbturn

Applications and usage

- For mortise locks designed for round profile cylinders (Swiss profile)
- For house doors, connecting doors, flat entry doors, security doors, metal frame doors, ...

Functional characteristics

- Can be locked from the outside with a key
- Thumbturn on the inside to lock and unlock the door
- Cam rotation: 360 degrees

Security features

- Hard metal drilling protection in the outside plug and body
- Vertical key insertion for optimal scanning of locking elements

Technical data

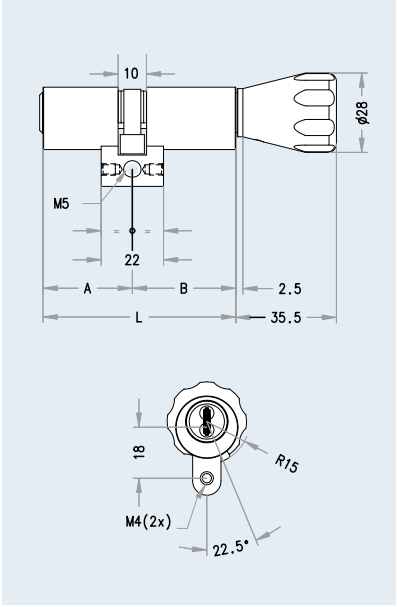
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 22.5 degrees
- Cam width: 9.3 mm
- Compact cylinder design

Scope of supply

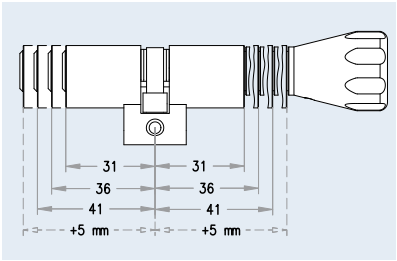
- Locking cylinder with thumbturn and fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- If required, inside thumbturn can be removed with a tool and replaced with another EVVA thumbturn
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Finishes

Finishes	Abbreviations	Cylinder	AKN, KKN, FKN	RKN, MKN	OKN, OKNA	GKN
Polished brass	PB	●	●	●	●	●
Satin nickel	NI	●	●	●	●	●
Polished nickel	PN	O	O	O	O	O
Satin chrome	CR	O	O	O	O	O
Polished chrome	PC	O	O	O	O	O
Black	BL	O	O	O	O	O
Brown	BW	O	O	O	O	O
Satin brass	BR	O	O	O	O	O
PVD	PVD	O	O	O		O
RAL colour	RAL					O

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RHZ Round Half Cylinder

Ordering information

- RHZ cylinder length A
  [finish] [security and usage options]

Applications and usage

- For single-turn or multi- turn mortise locks designed for round profile cylinders (Swiss profile)
- Key switches designed for round profile cylinders
- Activating devices
- Garage doors, roller shutters

Functional characteristics

- Can be operated with a key on one side
- Cam rotation: 360 degrees
- Cam removal position: 45 degrees
- Cam can be set to 8 positions (45°, 90°,135°, 180°, 225°, 270°, 315°, 360°)

Security features

- Hard metal drilling protection in plug

Technical data

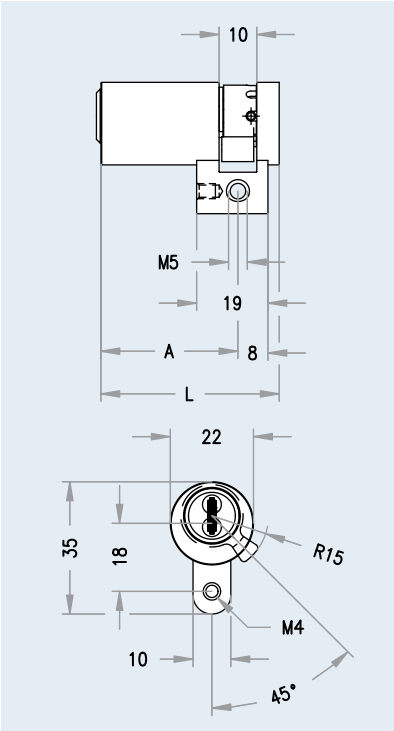
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 45 degrees (changeable)
- Cam width: 9.3 mm
- Compact cylinder design

Scope of supply

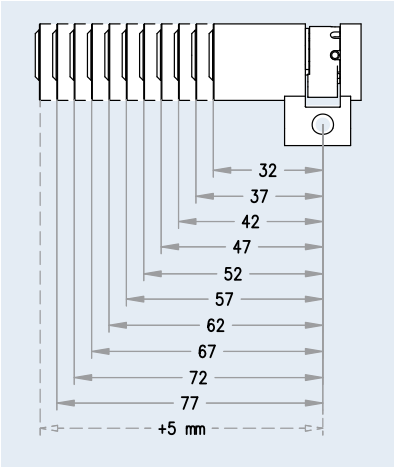
- Round half cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder should be flush with the escutcheon or rose
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

HPM Padlock

Ordering information

- HPM (standard: hardened steel shackle)

Applications and usage

- Elements and containers secured with a hasp
- Roller shutters
- Barrier systems
- Chain barriers
- Security fences

Functional characteristics

- Secures elementary fastening devices
- Padlock with round security shackle
- Operated on lower surface
- Locking rotation: 90 degrees
- Key can only be removed when locked

Security features

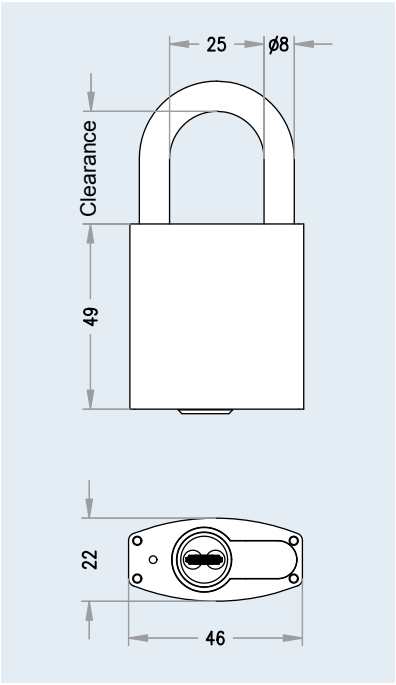
- Hard metal drilling protection in plug and body
- Positively driven locking of the security shackle

Technical data

- Padlock base material: brass, satin nickel plated
- Shackle made of hardened, chemically nickel plated steel or stainless steel
- Shackle diameter: 8 mm
- Standard shackle: clearance height: 30 mm
  clearance width: 25 mm

Installation & operation

- Can be used with any hasp with an opening > 8 mm



Product catalogue, Release 01/11/2010
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HPM BS Padlock

Ordering information

- HPM BS (standard: hardened steel shackle)

Applications and usage

- Elements and containers secured with a hasp
- Roller shutters
- Barrier systems
- Chain barriers
- Security fences

Functional characteristics

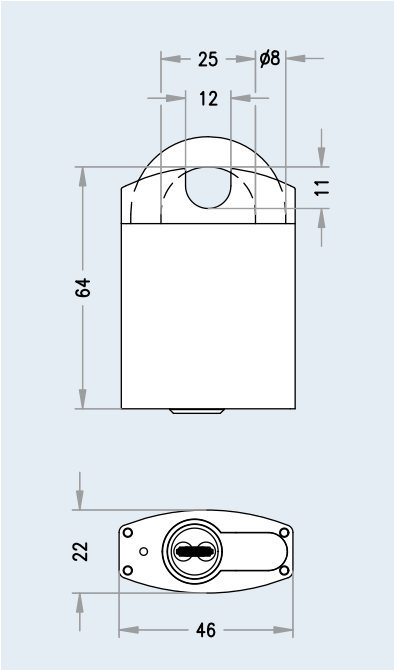
- Secures elementary fastening devices
- Padlock with round security shackle
- Operated on lower surface
- Locking rotation: 90 degrees
- Key can only be removed when locked

Security features

- Hard metal drilling protection in plug and body
- Positively driven locking of the security shackle
- Hardened steel shackle protection

Technical data

- Padlock base material: brass, satin nickel plated
- Shackle made of hardened, chemically nickel-plated steel
- Shackle diameter: 8 mm
- Standard shackle: clearance height: 15 mm
  clearance width: 12 mm



Installation & operation

- Can be used with any hasp with an opening > 8 mm

HPM SSW Padlock With Dust Cover

Ordering information

- HPM SSW (standard: hardened steel shackle),
- shackle made of stainless steel on request

Applications and usage

- Elements and containers secured with a hasp
- Roller shutters
- Barrier systems
- Chain barriers
- Security fences

Functional characteristics

- Operated on lower surface
- Locking rotation: 90 degrees
- Key can only be removed when locked
- With dust cover

Security features

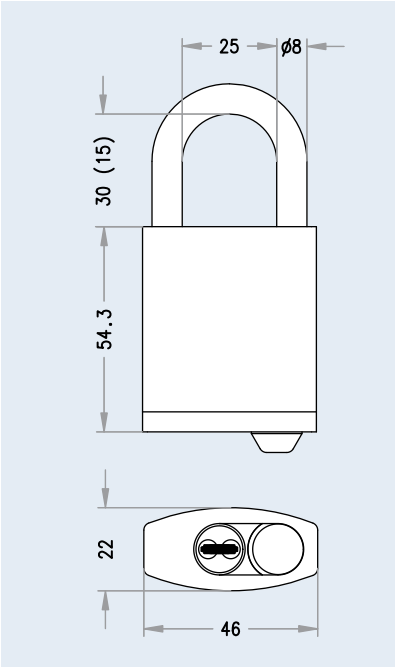
- Hard metal drilling protection in plug and body
- Positively driven locking of the security shackle

Technical data

- Padlock base material: brass, satin nickel plated
- Shackle made of hardened, chemically nickel plated steel or stainless steel
- Shackle diameter: 8 mm
- Standard shackle: clearance height: 30 mm
  clearance width: 25 mm
- Dust cover

Installation & operation

- Can be used with any hasp with an opening > 8 mm



Product catalogue, Release 01/11/2010
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HPM Padlock With Extra Long Shackle

Ordering information

- HPM shackle LH xx (shackle in LH design always made of stainless steel)
  LH = clearance

Applications and usage

- Roller shutters
- Chain barriers
- Security fences

Functional characteristics

- Secures elementary fastening devices
- Padlock with round security shackle
- Operated on lower surface
- Locking rotation: 90 degrees
- Key can only be removed when locked

Security features

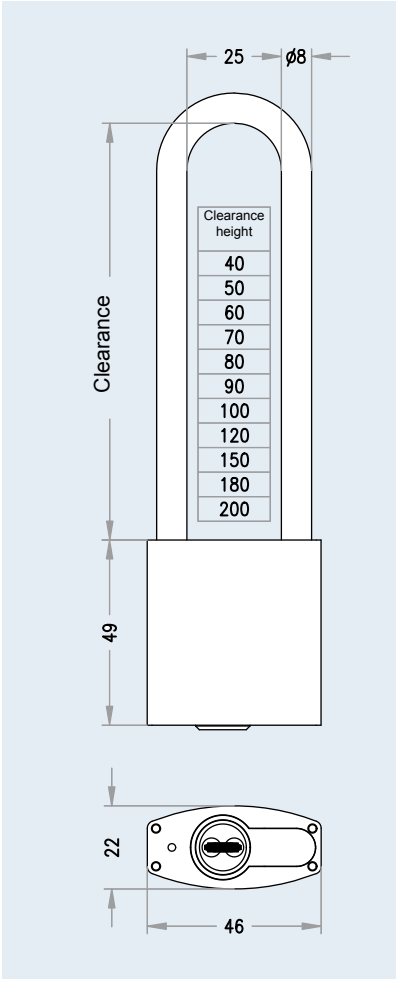
- Hard metal drilling protection in plug and body
- Positively driven locking of the security shackle

Technical data

- Padlock base material: brass, satin nickel plated
- Shackle made of hardened, chemically nickel plated steel or stainless steel
- Shackle diameter: 8 mm

Installation & operation

- Can be used with any hasp with an opening > 8 mm



Product catalogue, Release 01/11/2010
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MB19 Cam Lock

Ordering information
MB19 [finish], [cam], if the standard cam is used, no further information is necessary

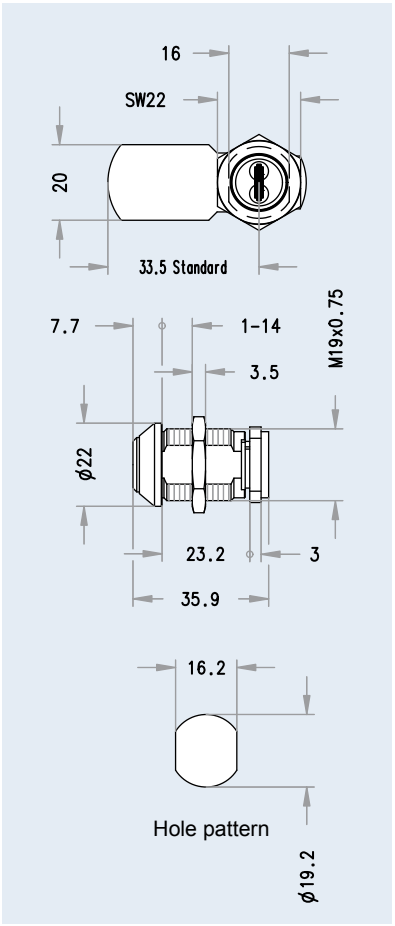
Applications and usage
- Wooden and sheet metal boxes
- Mailboxes with small cylinder hole
- Showcase locks

Functional characteristics
- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Flat side finishes prevent rotation
- Cylinder fixed at rear with a hex nut (WS22)
- Standard cam: 33.5 mm

Technical data
- Cylinder front face Ø 22 mm
- M19 threads for WS22 fastening nut
- Base material: brass
- Steel cam, blue galvanised

Scope of supply
- Locking cylinder with standard cam 5072, 33.5 mm
- M19 fastening nut

Installation & operation
- For material thicknesses up to 14 mm
- Cylinder hole Ø 19, flattened to 16 mm
- Cam secured by 2 rear screws



Product catalogue, Release 01/11/2010
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MB19SZ Switch Cylinder

Ordering information
MB19SZ [finish]

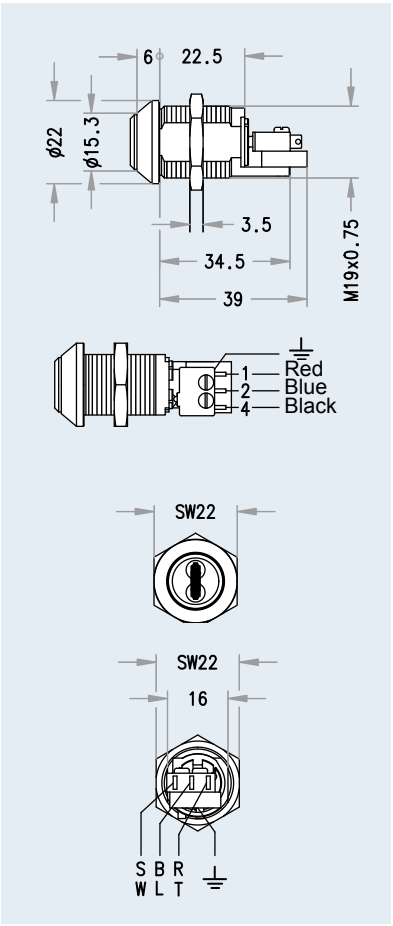
Applications and usage
- As switch cylinder with integrated switch element
- For direct activation of circuits

Functional characteristics
- Locking rotation: 90 degrees
- On/off switch function
- Key can only be removed in one position

Technical data
- Cylinder front face Ø 22 mm
- M19 threads for WS22 fastening nut
- Base material: brass
- F4 T7 switch element

Scope of supply
- Locking cylinder with switch elements and connecting cable
- M19 fastening nut

Installation & operation
- For material thicknesses up to 14 mm
- Cylinder hole Ø 19, flattened to 16 mm
- Electrical connection must be performed by a professional



MB23 Cam Lock

Ordering information

MB23 [finish], [cam], if the standard cam is used, no further information is necessary

Applications and usage

- Wooden and sheet metal boxes
- Mailboxes with medium cylinder hole
- Showcase locks
- Emergency key boxes
- Key cabinets
- Wardrobes/lockers
- Cabinets

Functional characteristics

- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Flat side finishes prevent rotation
- Cylinder fixed at rear with a hex nut (WS27)
- Standard cam: 33.5 mm
- S function (MB23S): key can be removed in either of 2 positions

Security features

- Hard metal elements to prevent drilling into plug
- Flat finishes on both cylinder sides prevent rotation

Technical data

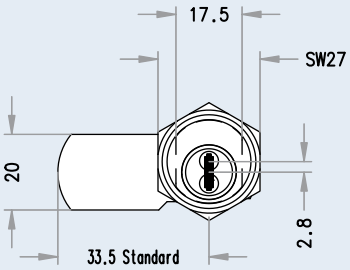
- Cylinder front face Ø 24.8 mm
- M22 threads for WS27 fastening nut
- Base material: brass
- Steel cam, blue galvanised

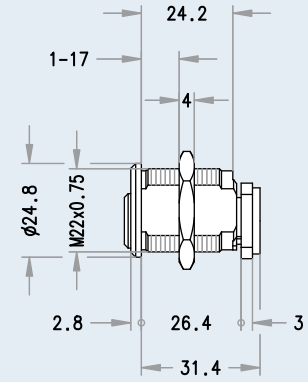
Scope of supply

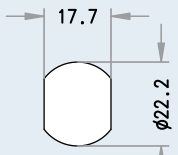
- Locking cylinder with standard cam 5072, 33.5 mm
- M22 fastening nut

Installation & operation

- For material thicknesses up to 17 mm
- Cylinder hole Ø 23, flattened to 17.7 mm
- Cam secured by 2 rear screws







Hole pattern

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MB23SZ Switch Cylinder

Ordering information
MB23SZ [finish]

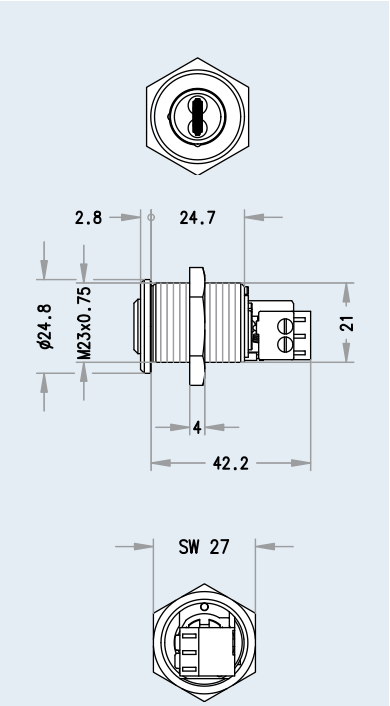
Applications and usage
- As switch cylinder with integrated switch element
- For direct activation of circuits

Scope of supply
- Locking cylinder with switch elements and connecting cable
- WS27 fastening nut

Functional characteristics
- Locking rotation: 90 degrees
- On/off switch function
- Key can only be removed in one position

Technical data
- Cylinder front face Ø 24.8 mm
- M23 threads for WS27 fastening nut
- Base material: brass
- F4 T7 switch element
- With earth connection

Installation & operation
- For material thicknesses up to 14 mm
- Cylinder hole Ø 23, flattened on one side to 17.7 mm
- Electrical connection must be performed by a professional



MB23GT Cam Lock For Glass Doors

Ordering information
MB23 [finish], [cam], [fastening plate], if the standard cam is used, no further information is necessary

Applications and usage
- Glass showcase locks
- Glass door cupboards

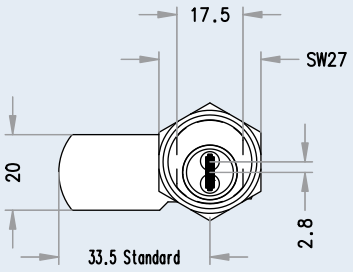
Functional characteristics
- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Flat side finishes prevent rotation
- Cylinder fixed at rear with a hex nut (WS27)
- Standard cam: 33.5 mm
- Bevelled fastening plate

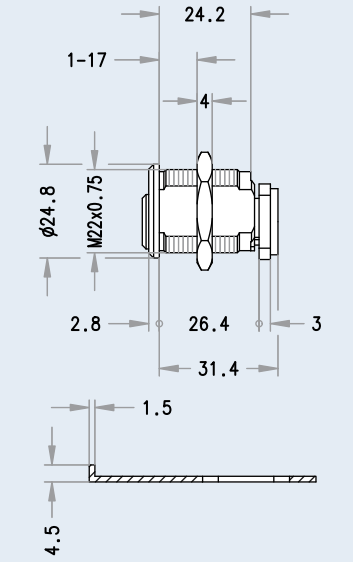
Security features
- Hard metal elements to prevent drilling into plug
- Flat finishes on both cylinder sides prevent rotation

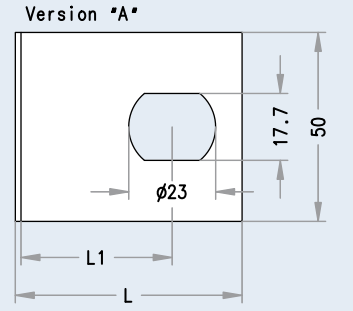
Technical data
- Cylinder front face Ø 24.8 mm
- M22 threads for WS27 fastening nut
- Base material: brass
- Steel cam, blue galvanised
- Brushed aluminium fastening plate

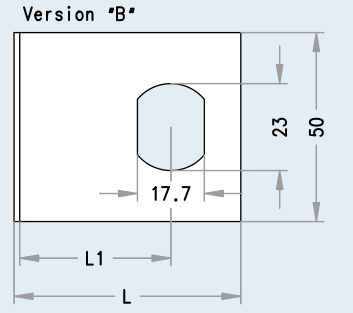
Scope of supply
- Locking cylinder with standard cam 5072, 33.5 mm
- M22 fastening nut
- Fastening plate
- Plastic disc

Installation & operation
- For material thicknesses up to 17 mm
- Cylinder hole Ø 23, flattened to 17.7 mm
- Cam secured by 2 rear screws
- Plastic disc to protect glass









Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MB23 MB Cam Lock

Ordering information

MB23MB [finish], [cam], if the standard cam is used, no further information is necessary

Applications and usage

- Wooden and sheet metal boxes
- Mailboxes with medium cylinder hole
- Showcase locks
- Emergency key boxes
- Key cabinets
- Wardrobes/lockers
- Cabinets
- Rose for metal thicknesses < 0.5 mm

Functional characteristics

- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Flat side finishes to prevent rotation
- Cylinder fixed at rear with a hex nut (WS27)
- Standard cam: 33.5 mm

Technical data

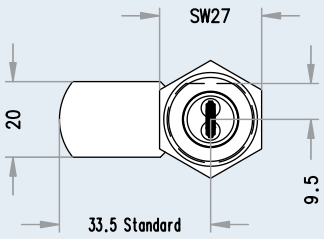
- Cylinder front face Ø 24.8 mm
- M22 threads for WS27 fastening nut
- Base material: brass
- Steel cam, blue galvanised

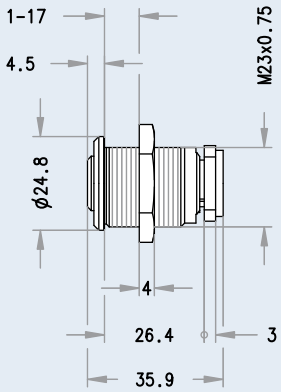
Scope of supply

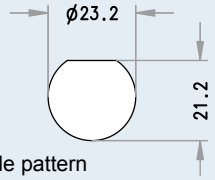
- Locking cylinder with standard cam 5072, 33.5 mm
- M22 fastening nut

Installation & operation

- For material thicknesses up to 17 mm
- Cylinder hole Ø 23, flattened on one side to 21 mm
- Cam secured by 2 rear screws







Hole pattern

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MB30 Cam Lock

Ordering information
MB30 [finish], [cam], if the standard cam is used, no further information is necessary

Applications and usage

- Wooden and sheet metal boxes
- Showcase locks
- Emergency key boxes with interlocking device
- Key safes
- Key cabinets
- Wardrobes/lockers
- Cabinets
- Fuse and junction boxes

Functional characteristics

- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Flat side finishes prevent rotation
- Cylinder fixed at rear with a hex nut (WS36), standard cam: 33.5 mm
- S function (MB30S): key can be removed in either of 2 positions

Technical data

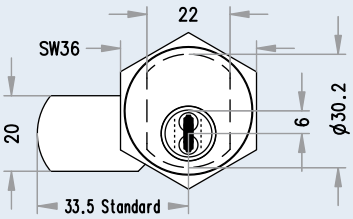
- Cylinder front face Ø 30 mm
- M30 threads for WS36 fastening nut
- Base material: brass
- Steel cam, blue galvanised

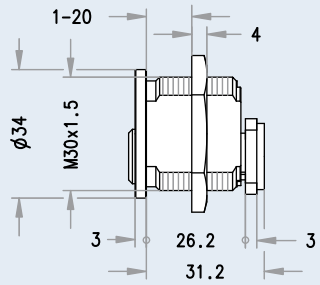
Scope of supply

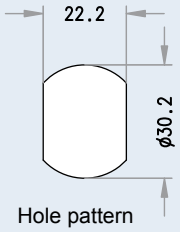
- Locking cylinder with standard cam 5072,
  33.5 mm
- M30 fastening nut

Installation & operation

- For material thicknesses between 1 and 20 mm
- Cylinder hole Ø 30, flattened to 22 mm
- Cam secured by 2 rear screws







Hole pattern

MB30SZ Switch Cylinder

Ordering information
MB30SZ [finish]

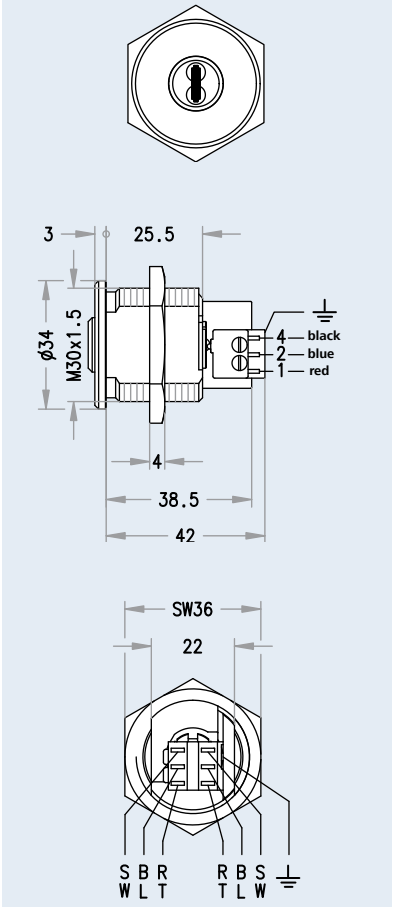
Applications and usage
- As switch cylinder with integrated switch element
- For direct activation of circuits

Scope of supply
- Locking cylinder with switch elements and connecting cable
- WS36 fastening nut

Functional characteristics
- Locking rotation: 90 degrees
- On/off switch function
- Key can only be removed in one position

Technical data
- Cylinder front face Ø 34 mm
- M30 threads for WS36 fastening nut
- Base material: brass
- F4 T7 switch element
- With earth connection

Installation & operation
- For material thicknesses up to 20 mm
- Cylinder hole Ø 30, flattened on one side to 22 mm
- Electrical connection must be performed by a professional



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MB30 MB Cam Lock

Ordering information

MB30MB [finish], [cam], if the standard cam is used, no further information is necessary

Applications and usage

- Wooden and sheet metal boxes
- Showcase locks
- Emergency key boxes with interlocking device
- Key safes
- Key cabinets
- Wardrobes/lockers
- Cabinets
- Fuse and junction boxes

Functional characteristics

- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Flat side finishes prevent rotation
- Cylinder fixed at rear with a hex nut (WS36)
- Standard cam: 33.5 mm

Scope of supply

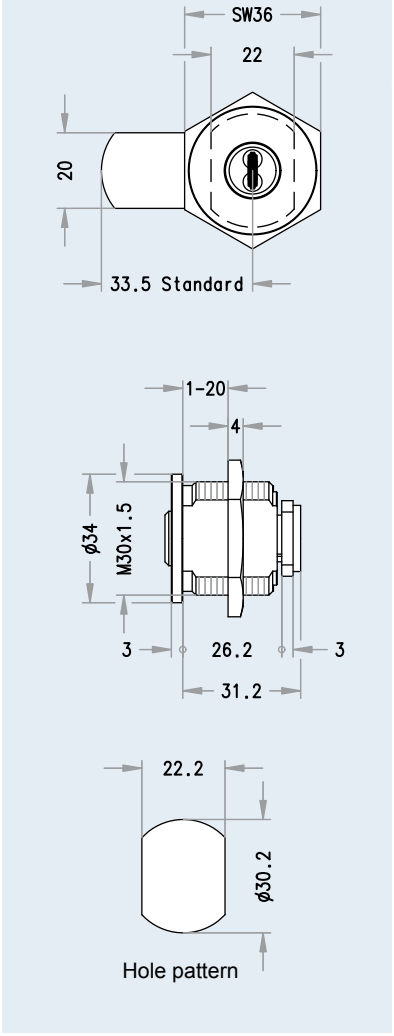
- Locking cylinder with standard cam 5072, 33.5 mm
- M30 fastening nut

Installation & operation

- For material thicknesses between 1 and 20 mm
- Cylinder hole Ø 30, flattened to 22 mm
- Cam secured by 2 rear screws

Technical data

- Cylinder front face Ø 30 mm
- M30 threads for WS36 fastening nut
- Base material: brass
- Steel cam, blue galvanised



MRH22 Bolt Lock

Ordering information
MRH22 [S] [cylinder length], [finish], [mounting plate: rectangular (E), round (R)]

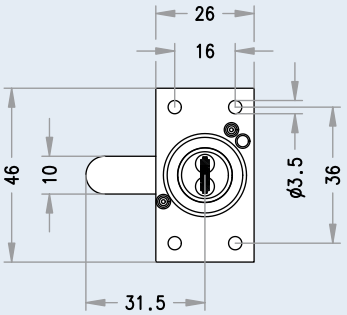
Applications and usage
- Wooden furniture doors and drawers

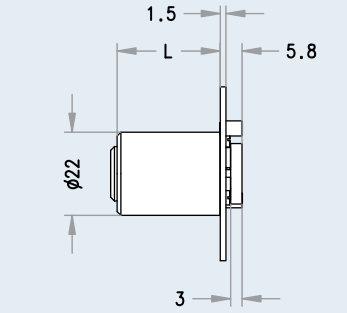
Functional characteristics
- Locking by cam
- Bolt rotation: 100 degrees
- Key can only be removed in closed position
- Cylinder fixed by rear mounting plate
- Standard cam: 31.5 mm

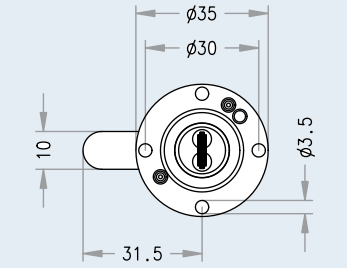
Technical data
- Cylinder front face Ø 22 mm without rose
- Base material: brass
- Brass cam and steel mounting plate, blue galvanised

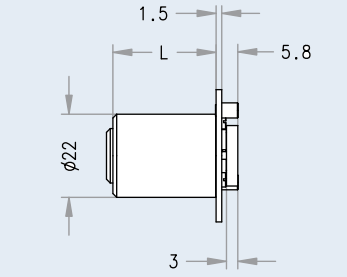
Scope of supply
- Bolt lock with 31.5 mm standard cam, mounting plate, without rose

Installation & operation
- For material thicknesses between 25 mm and 65 mm
- Fixed at rear by rectangular mounting plate (standard) or
- On request, with a round mounting plate
- Cylinder can be used right/left
- Design S: key can be removed in 2 positions





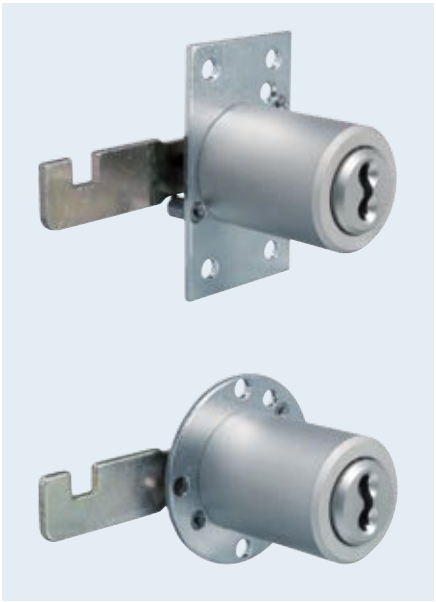




Size	L
0	27.3
1	32.3
2	37.3
3	42.3
4	47.3
5	57.3
6	67.3

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

SRZ22 Bolt Lock



Ordering information
SRZ22 [cylinder length], [finish], [mounting plate: rectangular (E), round (R)]

Applications and usage

- For sliding doors in wooden or metal furniture

Functional characteristics

- Locking by cam (pivot bolt)
- Bolt rotation: 90 degrees
- Locking rotation: 360 degrees
- Key can be removed in open and closed position
- Cylinder fixed by rear mounting plate
- Standard cam: 40 mm

Scope of supply

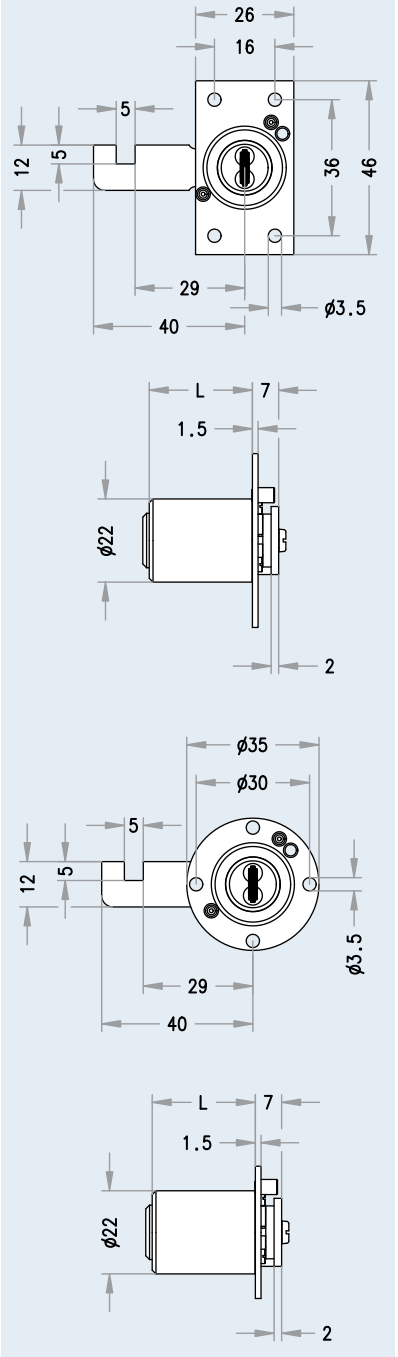
- Bolt lock with 40 mm standard cam, mounting plate, without rose

Installation & operation

- For material thicknesses between 25 mm and 65 mm
- Fixed at rear by rectangular mounting plate (standard) or
- On request, with a round mounting plate
- Cylinder can be used right/left

Technical data

- Cylinder front face Ø 22 mm without rose
- Base material: brass
- Steel cam and mounting plate, blue galvanised



ZB27 Cam Lock

Ordering information
ZB27 [finish], [cam], if the standard cam is used, no further information is necessary

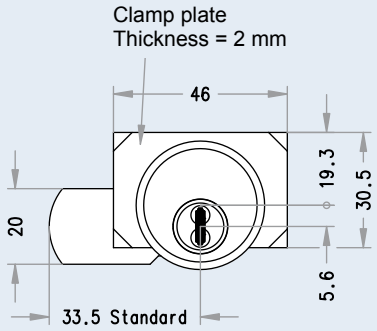
Applications and usage
- Wooden and sheet metal boxes
- Mailboxes with large cylinder hole
- Mailbox systems with large cylinder hole
- Electric junction boxes
- Fuse boxes

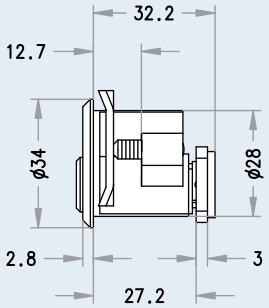
Functional characteristics
- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed condition
- Cylinder fixed by rear clamp plate
- Standard cam 5072, 33.5 mm

Technical data
- Cylinder front face Ø 34 mm without rose, 50 mm with rose
- Base material: brass
- Steel cam, blue galvanised

Scope of supply
- Locking cylinder with standard cam 5072, 33.5 mm, without rose

Installation & operation
- For material thicknesses between 1 and 8.5 mm (without rose)
- Cam secured by 2 rear screws





Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

ZB27K Cam Lock

Ordering information

ZB27K [finish], [cam], if the standard cam is used, no further information is necessary

Applications and usage

- Wooden and sheet metal boxes
- Electric junction boxes in outdoor areas
- Fuse boxes in outdoor areas

Functional characteristics

- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed condition
- Cylinder fixed by rear clamp plate
- Standard cam 5072, 33.5 mm
- With dust cover

Technical data

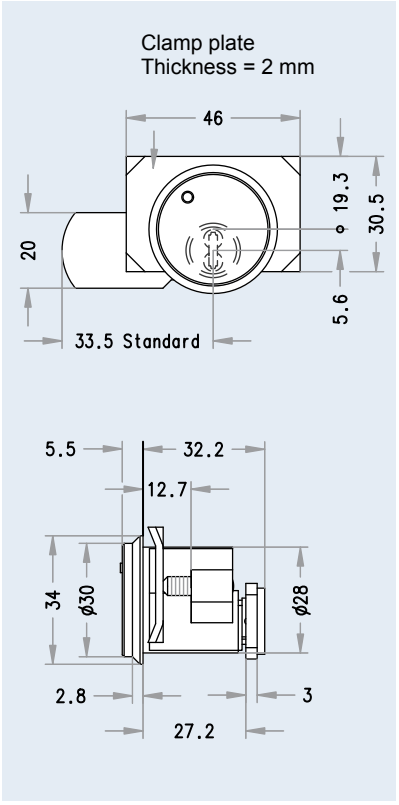
- Cylinder front face Ø 34 mm without rose, 50 mm with rose
- Base material: brass
- Steel cam, blue galvanised

Scope of supply

- Cam lock with 33.5 mm standard cam, dust cover, without rose

Installation & operation

- For material thicknesses between 1 and 8.5 mm (without rose)
- Cam secured by 2 rear screws



HMB Euro Profile Cam Lock

Ordering information
HMB, right/left specification necessary [finish], [cam], if the standard cam is used, no further information is necessary

Applications and usage
- Wooden cupboards
- Showcase locks

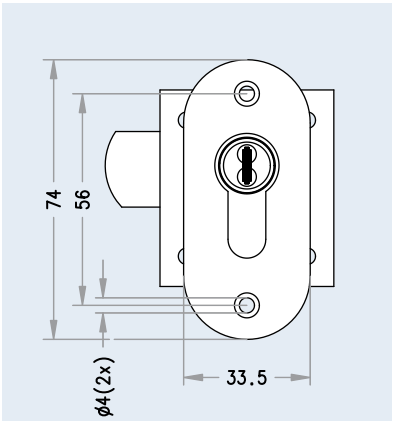
Functional characteristics
- Locking by cam
- Locking rotation: 90 degrees
- Key can only be removed in closed position
- Cylinder fixed by rear fastening plate with end-stop
- Standard cam 5072, 37.5 mm, heavy duty design

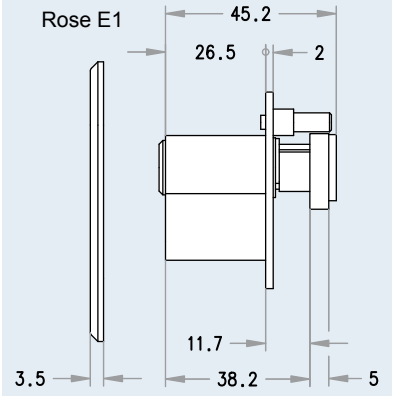
Security features
- Hard metal elements to prevent drilling into plug

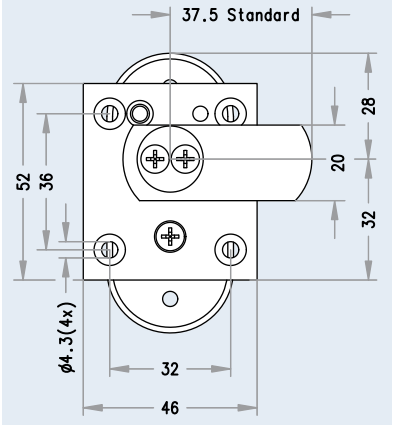
Technical data
- Base material: brass
- Heavy-duty cam
- Steel cam and fastening plate, blue galvanised

Scope of supply
- Standard cam 5072, 37.5 mm, heavy duty design
- With fastening plate

Installation & operation
- For material thicknesses up to 28 mm
- Euro profile cylinder hole
- Cam secured by 2 rear screws
- Cylinder fixed by 4 screws

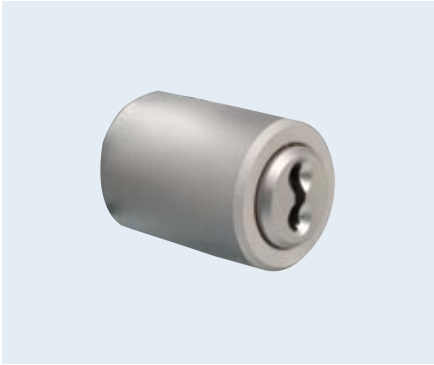






Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MR22 Furniture Cylinder



Ordering information

- MR22 [cylinder length], [finish]

Applications and usage

- As furniture lock
- For cylinder turns
- As switch cylinder
- With one or more key removal positions (MR 22 S = 2 removal positions)

Functional characteristics

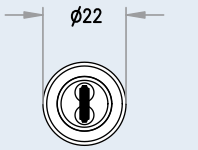
- Locking rotation: 360 degrees

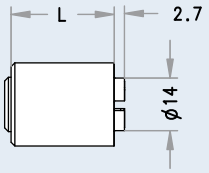
Scope of supply

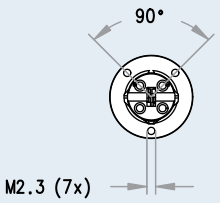
- Round furniture cylinder

Installation & operation

- Cylinder can be used right/left
- Cylinder front face Ø 22 mm without rose
- Base material: brass







Size	L
0	27,3
1	32,3
2	37,3
3	42,3
4	47,3
5	57,3
6	67,3

MR24 ASS Furniture Cylinder

Ordering information
MR24 ASS [finish]

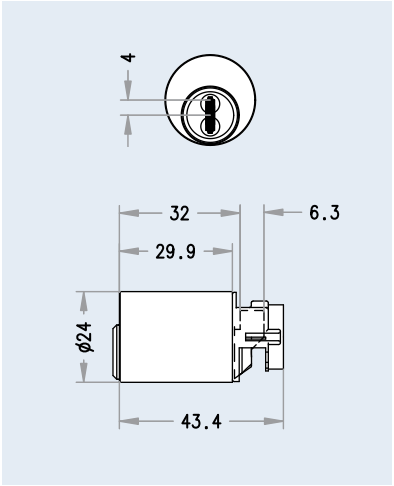
Applications and usage
- Screw-on cylinder designed for Junie ASS system locks

Functional characteristics
- Screw-on furniture cylinder for ASS system locks

Technical data
- Cylinder front face Ø 24 mm without rose
- Base material: brass
- With adapter for ASS system locks

Scope of supply
- MR24 round furniture cylinder without rose, with adapter and cam for ASS

Installation & operation
- Simple installation by rear fixing to ASS lock cases



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MRT25 / MRL25 Furniture Cylinder

Ordering information
MRT25/31, [finish], [lock case type]
MRT25/36, [finish], [lock case type]
MRL25/31, [finish]
MRL25/36, [finish]

Applications and usage

- With Universal 4000 screw-on bolt lock for single locking
- For cupboard doors
- For cabinet doors
- With Universal 4540 espagnolette lock for multiple locking
- For cupboard doors with wide height clearance
- For cabinet doors with wide height clearance

Functional characteristics

- Locking rotation: 360 degrees
- Rear fixing screws for attachment to Universal 4000 screw-on bolt lock (configured for door design)
- ZVS Universal 4000 screw-on central lock
- Universal 4540 espagnolette lock

Technical data

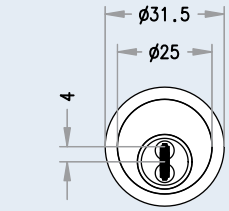
- Cylinder front face Ø 25 mm without rose
- Standard cylinder length: 31 mm
- Base material: brass

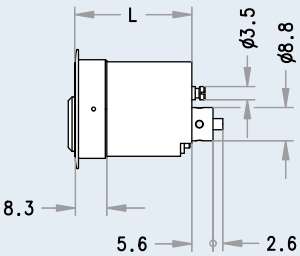
Scope of supply

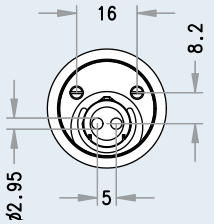
- MRT25 round furniture cylinder with rose, designed for Universal 4000 lock cases (door design), Universal 4540

Installation & operation

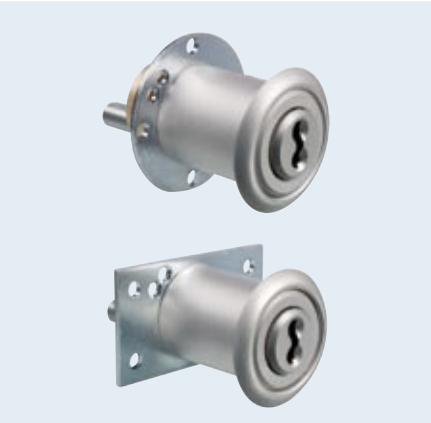
- Universal clamp fixation to lock cases
- Easily retrofitted to lock cases







ZVZ22 Central Lock Cylinder



Ordering information
ZVZ22 [cylinder length], [finish]

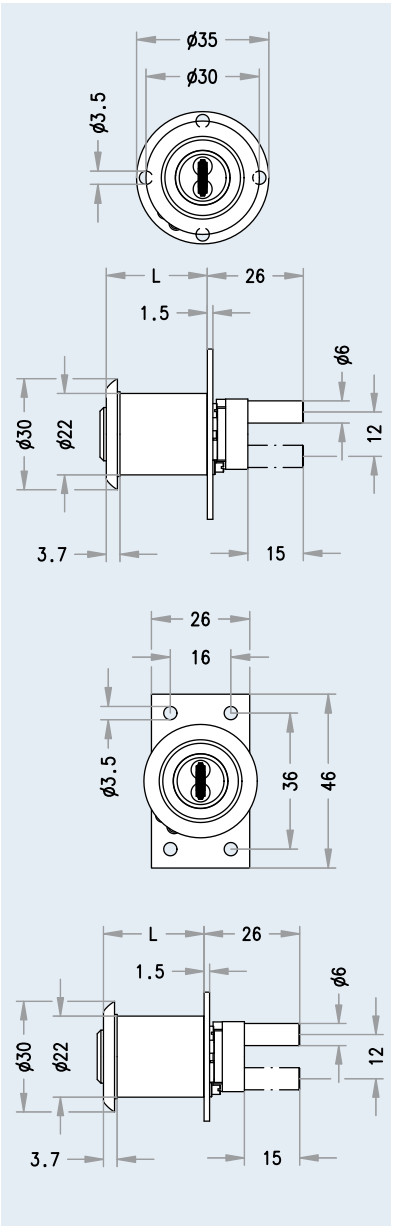
Applications and usage
- To lock drawers (12 mm stroke)

Functional characteristics
- Bolt rotation: 180 degrees
- Locking rotation: 360 degrees
- Key can be removed in open and closed position
- Cylinder fixed by rear mounting plate

Technical data
- Cylinder front face Ø 22 mm without rose
- Base material: brass

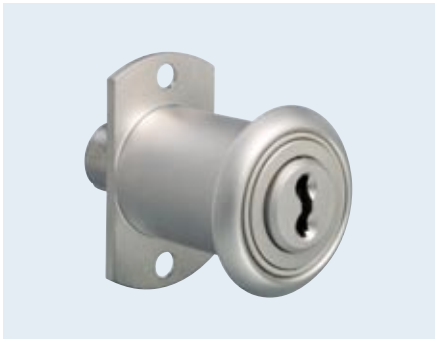
Scope of supply
- Central lock cylinder with rose

Installation & operation
- For material thicknesses between 25 mm and 65 mm
- Fixed at rear with rectangular mounting plate (standard) or
- On request, with a round mounting plate
- Cylinder can be used right/left



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

DRZ22 Push-in Cylinder



Ordering information
DRZ22, [finish]

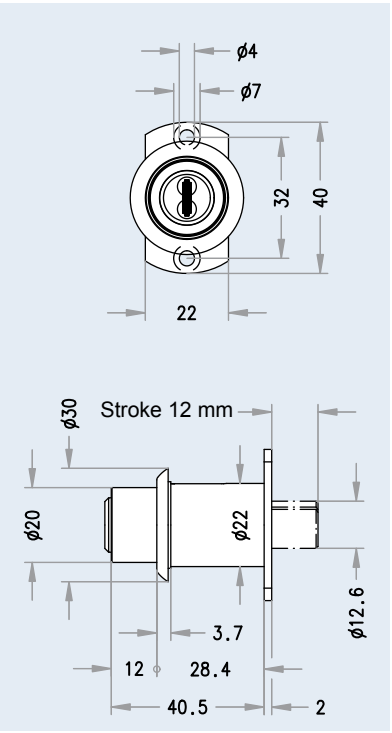
Applications and usage
- To lock sliding doors

Functional characteristics
- Bolt stroke: 12 mm
- Locked without key
- Unlocked with key
- Cylinder fixed with integrated mounting plate

Technical data
- Cylinder front face Ø 22 mm without rose
- Cylinder length: 28.5 mm
- Base material: brass

Scope of supply
- Push-in cylinder with rose

Installation & operation
- Fixed at rear, integrated mounting plate



DPM80 Coin-Operated Lock

Ordering information
coin-operated lock [left/right] for [coins € 1/ € 2/tokens]

Functional characteristics

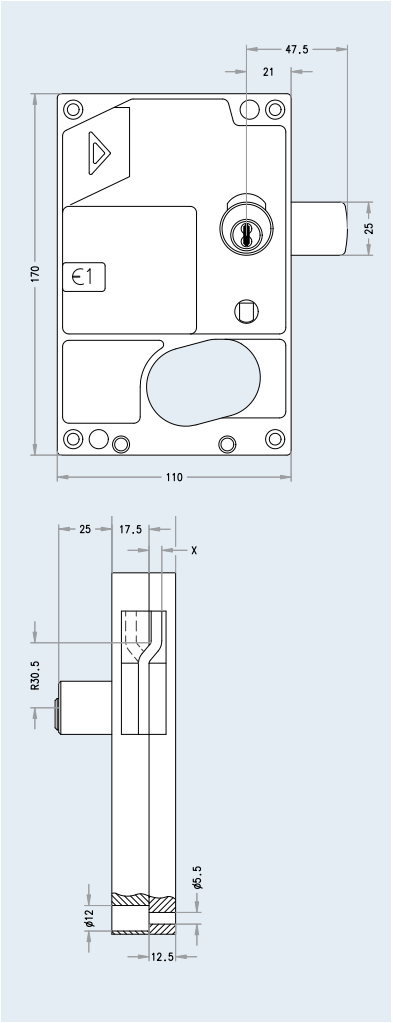
- Key can be removed after a coin is inserted and the container is locked
- Coin is returned automatically when the container is unlocked with the key
- Coin can be taken from the inside

Security features

- Side coin slot protects against attack in closed condition
- Coin deflection inside the lock for verification

Technical data

- Material: weatherproof plastic
- Bolt of galvanised iron
- Coin return recess integrated into lock



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

Universal 4000 Screw-on Furniture Lock

Ordering information
Universal 4000

Applications and usage

Screw-on furniture lock for:

- Furniture doors
- Cabinet doors
- Shutters

Functional characteristics

- Preset backset for doors: 25, 30 and 35 mm
- Preset backset for shutters: 20, 25 and 30 mm
- Can be used on both left and right on doors and shutters

Scope of supply

- Universal 4000 lock case, without fastening material, without locking plate

Installation & operation

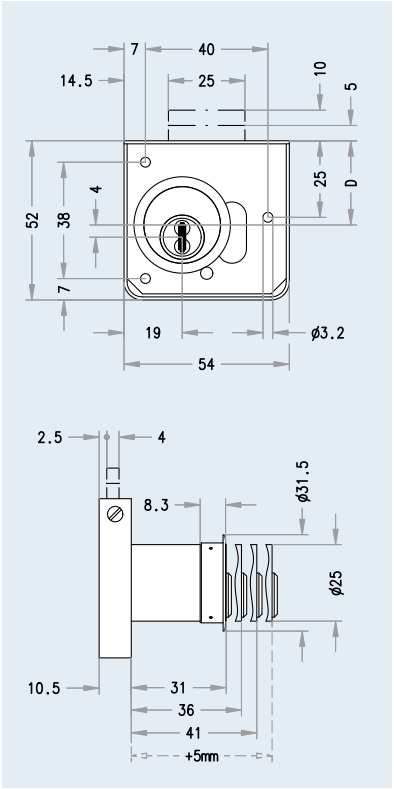
- Universal clamp fastening attached onto the lock case with side screws
- Easily retrofitted to lock cases, even if lock cases have already been installed

Security features

- Solid lock case design
- Double bolt stroke (5 mm and 10 mm)

Technical data

- Compact installation dimensions: 52 x 54 mm
- Fixed to door or shutter with 3 screws
- Adjustable backset
- Lock case and bolt made of nickel-plated iron



Universal 4540 Espagnolette Lock For Furniture

Ordering information
Universal 4540 with MRT/MRL 25

Applications and usage

Espagnolette lock for furniture such as
- Tall furniture doors and
- Tall cupboard doors

which require more than just locking due to their structure

Functional characteristics

- Backset: 40 mm
- Designed for full-length, 8 mm espagnolette
- Single rotation

Security features

- Solid lock case design
- Single rotation, 12 mm bolt stroke

Technical data

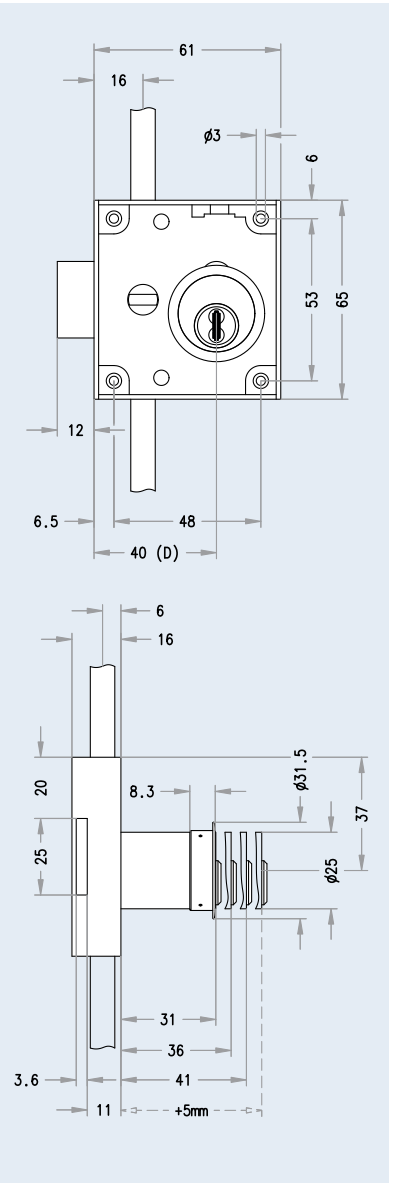
- Compact installation dimensions: 61 x 65 mm
- Fixed with four screws
- Lock case and bolt made of nickel-plated iron
- Designed for 8 mm rotary bars
- Flattened to 7 mm

Scope of supply

- Universal 4540 lock case
- Accessories:
- 2 hook bolts
- 1 angled strike plate
- 2 joints bolts
- Rod guide

Installation & operation

- Universal clamp fastening attached onto the lock case with side screws
- Easily retrofitted to lock cases, even if lock cases have already been installed



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

Universal 4525 Espagnolette Lock For Furniture

Ordering information
Universal 4525 (left/right specification necessary)

Applications and usage

Espagnolette lock for furniture such as

- Lightweight furniture doors and
- Lightweight cupboard doors which require more than just locking due to their structure and which have already been predrilled for a 25 mm backset. Otherwise we recommend the Universal 4540 espagnolette lock!

Functional characteristics

- Backset: 25 mm
- Designed for full-length, 7 mm espagnolette
- Single rotation locking function

Security features

- Lightweight lock case design
- Single rotation 9 mm bolt stroke

Technical data

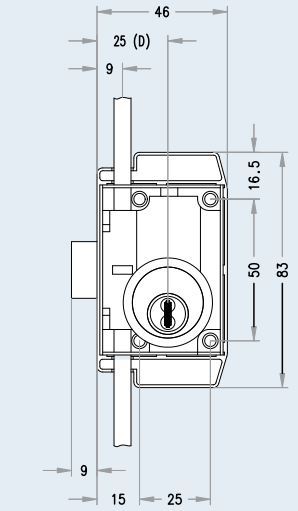
- Compact installation dimensions: 46 x 83 mm
- Fixed with four screws
- Lock case and bolt made of nickel-plated iron
- Designed for full-length, 7 mm rotary bar flattened to 6 mm

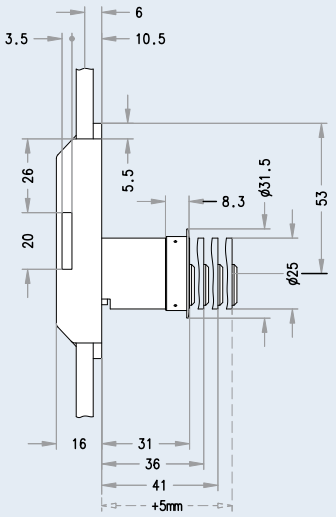
Scope of supply

- Universal 4525 lock case
- Accessories:
- 2 hook bolts
- 1 angled strike plate
- 2 joint bolts
- Rod guide

Installation & operation

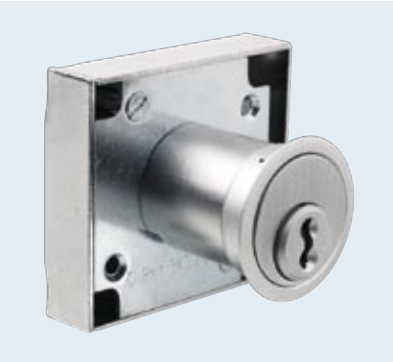
- Universal clamp fastening attached onto the lock case with a side screw





This is a discontinued product available only as long as stocks last!

MAR Cabinet Bolt Lock



Ordering information
MAR

Applications and usage

Cabinet bolt lock for simple locking of:

- Shutters
- Cabinet doors
- Cupboards

Functional characteristics

- Single rotation
- Designs: right/left and for shutters
- 10 mm bolt stroke

Security features

- Solid lock case design
- Single rotation, 10 mm bolt stroke

Technical data

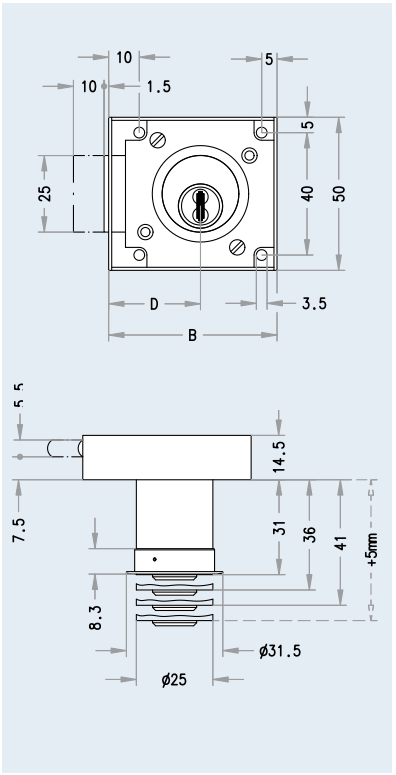
- Lock case of bronzed iron

Scope of supply

- Lock case without accessories, without fastening material

Installation & operation

- Easy installation with four screws



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

MER Cabinet Bolt Lock

Ordering information

- MER left/right and for shutter [backset]

Applications and usage

Cabinet bolt lock for simple locking of:

- Shutters
- Cabinet doors
- Cupboards

Functional characteristics

- For flush-mount in cabinet doors/ shutters
- Single rotation
- Designs: right/left and for shutters
- 11 mm bolt stroke

Security features

- Solid lock case design
- Single rotation, 11 mm bolt stroke

Technical data

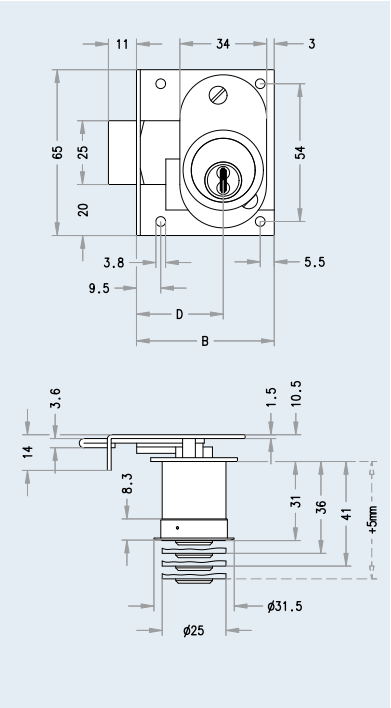
- Lock case of bronzed iron

Scope of supply

- Lock case without accessories, without fastening material

Installation & operation

- For installation into pre-milled lock recess



SES Sliding Door Lock For Cabinet

Ordering information

- SES

Applications and usage

- For simple locking of sliding doors

Scope of supply

- Lock case without strike plate, without accessories, without fixing material

Functional characteristics

- For flush-mount in sliding doors

Security features

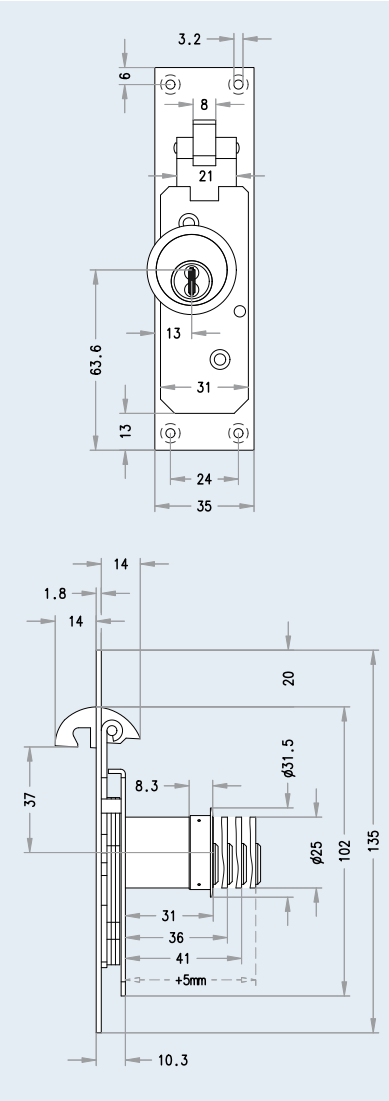
- Lightweight lock case design
- Sturdy hook latch

Technical data

- Lock case of galvanized iron

Installation & operation

- For installation into pre-milled lock recess
- For wood thicknesses up to 32 mm



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

645 Furniture Lock With MR 22

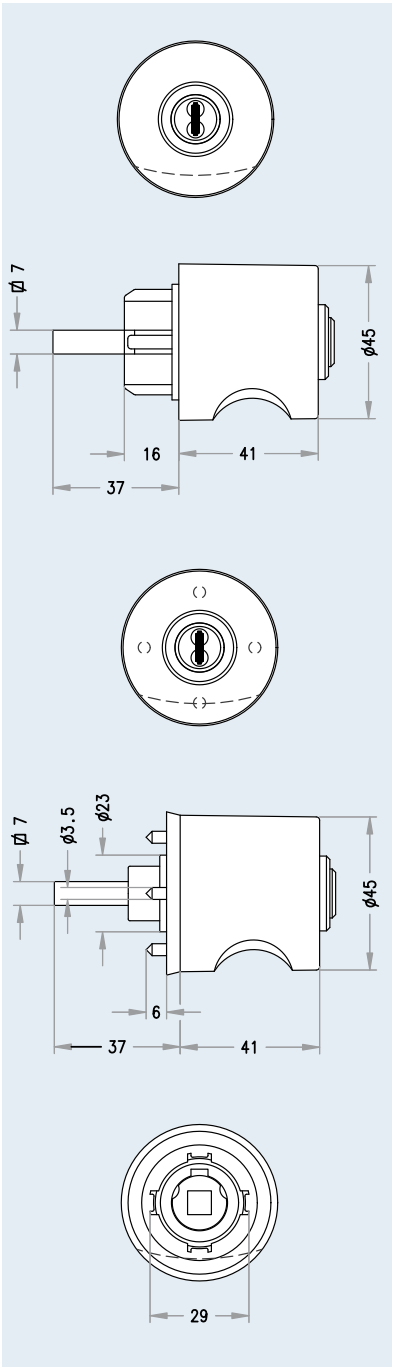
Ordering information
645 furniture lock with MR 22

Functional characteristics

- Lockable round furniture turn with grip recess
- Rear square plug to operate an espagnolette lock

Technical data

- Turn made of galvanized cast iron
- Outer diameter Ø 45 mm
- Designed for MR22 furniture round cylinder
- With 7 mm square plug



AZ Rim Cylinder

Ordering information
AZ [finish]

Applications and usage
- Designed for EVVA series K900 and K9000 security rim locks

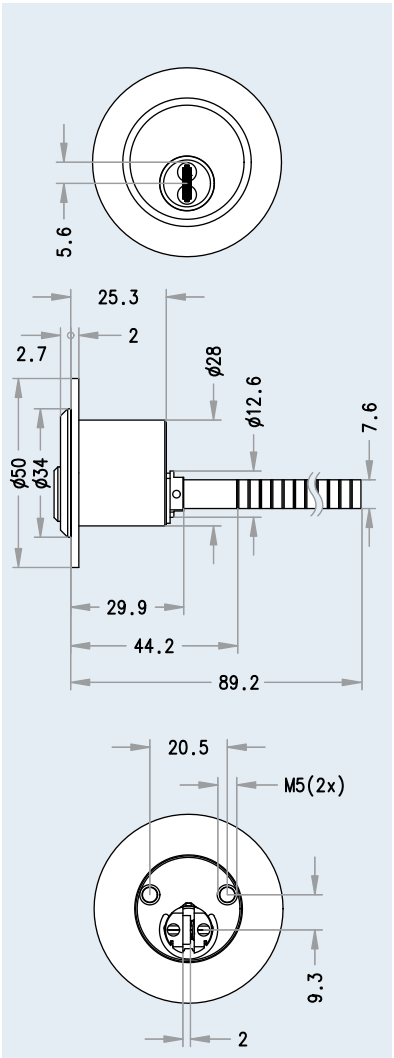
Functional characteristics
- Locking rotation: 360 degrees
- Tail bar can be shortened at 5 mm spaced nicks

Security features
- Hard metal drilling protection in plug and body
- Steel balls provide drilling protection for the cylinder fixing screws
- Vertical key insertion for optimal scanning of locking elements

Technical data
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Tail bar for door thicknesses up to 50 mm
- Cylinder Ø 34 mm
- Rose Ø 50 mm

Scope of supply
- Round cylinder with rose and
- Two M5 x 40 fixing screws

Installation & operation
- Easy cylinder installation in prepared round hole
- Cylinder fixed through two M5 fastening holes
- Cylinder screws with pointed tips to make installation easier



Product catalogue, Release 01/11/2010
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AZG Rim Cylinder

Ordering information
AZG [finish]

Applications and usage
For third-party products such as rim locks

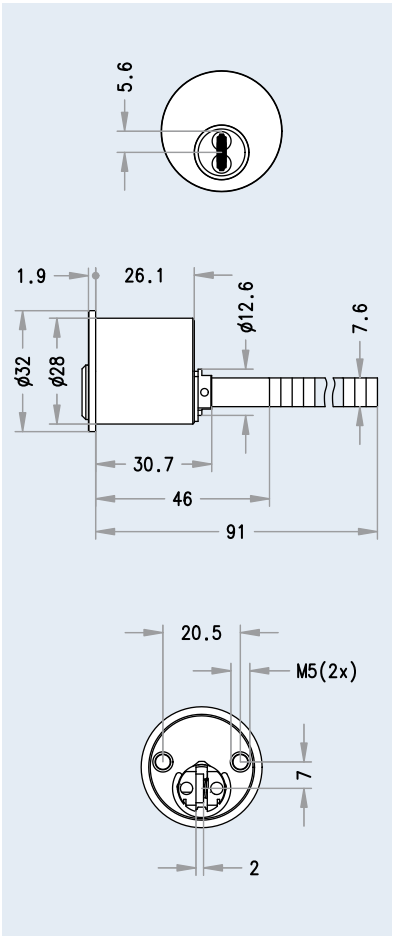
Scope of supply
- Round cylinder with two M5 x 40 fixing screws

Functional characteristics
- Locking rotation: 360 degrees
- Tail bar can be shortened at 5 mm spaced nicks

Security features
- Hard metal drilling protection in plug and body
- Steel balls provide drilling protection for the cylinder fixing screws
- Vertical key insertion for optimal scanning of locking elements

Technical data
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Tail bar for door thicknesses up to 50 mm
- Cylinder Ø 34 mm
- Rose Ø 50 mm

Installation & operation
- Easy cylinder installation in prepared round hole
- Cylinder fixed through two M5 fastening holes
- Cylinder screws with pointed tips to make installation easier



AZI Rim Cylinder

Ordering information
AZ [finish]

Applications and usage
- For rim locks of various manufacturers

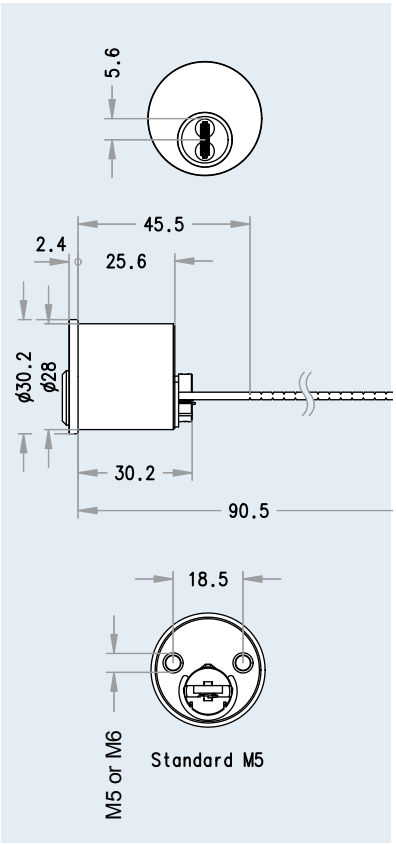
Scope of supply
- Round cylinder with rose and
- Two M5 x 40 fixing screws

Functional characteristics
- Locking rotation: 360 degrees
- Tail bar can be shortened at 5 mm spaced nicks

Security features
- Hard metal drilling protection in plug and body
- Steel balls provide drilling protection for the cylinder fixing screws
- Vertical key insertion for optimal scanning of locking elements

Technical data
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Tail bar for door thicknesses up to 50 mm
- Cylinder Ø 34 mm
- Rose Ø 50 mm

Installation & operation
- Easy cylinder installation in prepared round hole
- Cylinder fixed through two M5 or M6 fastening holes
- Cylinder screws with pointed tips to make installation easier



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

AZ4050 Rim Cylinder

Ordering information
AZ [finish]

Applications and usage
- Designed for rim locks .131, .132, .133, .136

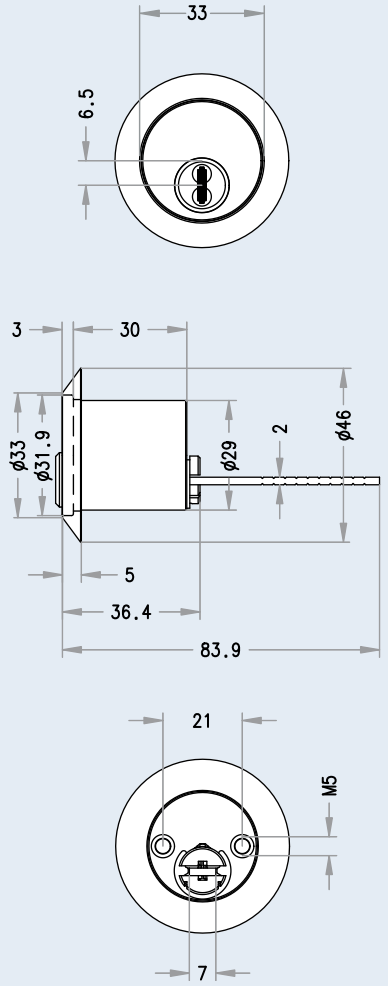
Scope of supply
- Round cylinder with rose and two M5 x 40 fixing screws

Functional characteristics
- Locking rotation: 360 degrees
- Tail bar can be shortened at 5 mm spaced nicks

Security features
- Hard metal drilling protection in plug and body
- Steel balls provide drilling protection for the cylinder fixing screws
- Vertical key insertion for optimal scanning of locking elements

Technical data
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Tail bar for door thicknesses up to 50 mm
- Cylinder Ø 34 mm
- Rose Ø 50 mm

Installation & operation
- Easy cylinder installation in prepared round hole
- Cylinder fixed through two M5 fastening holes
- Cylinder screws with pointed tips to make installation easier



AZ 4063 Rim Cylinder

Ordering information
AZ [finish]

Applications and usage
- Designed for rim locks .133, .136

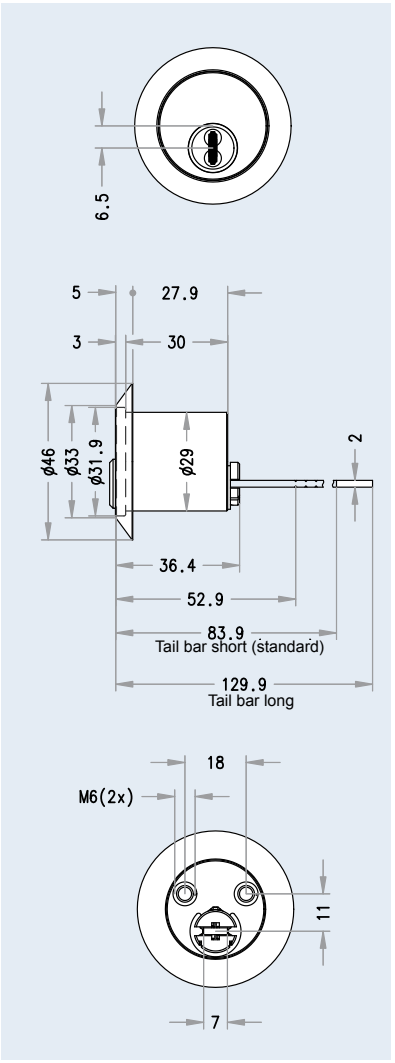
Scope of supply
- Round cylinder with rose and two M5 x 40 fixing screws

Functional characteristics
- Locking rotation: 360 degrees
- Tail bar can be shortened at 5 mm spaced nicks

Security features
- Hard metal drilling protection in plug and body
- Steel balls provide drilling protection for the cylinder fixing screws
- Vertical key insertion for optimal scanning of locking elements

Technical data
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Tail bar for door thicknesses up to 50 mm
- Cylinder Ø 34 mm
- Rose Ø 50 mm

Installation & operation
- Easy cylinder installation in prepared round hole
- Cylinder fixed through two M5 fastening holes
- Cylinder screws with pointed tips to make installation easier



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

PDZ Portal Double Cylinder

Ordering information

PDZ cylinder length A/B, [finish], [security and usage options]

Applications and usage

- Portals with direct bolting
- Garden doors without mortise lock but with direct bolting

Functional characteristics

- Lockable on both sides with key
- Locking bolt Ø 15 mm
- Bolt protrusion: 21.5 mm
- 15 mm stroke

Technical data

- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Integrated locking bolt with
- 15 mm stroke

Scope of supply

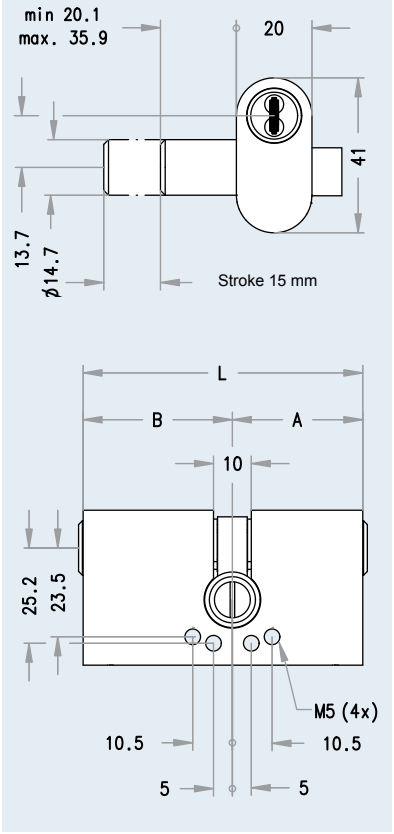
- Locking cylinder without fixing screw, with locking bolt

Installation & operation

- Cylinder installation in a prepared, empty cylinder hole; designed for portal cylinder
- 3 possible M5 fastening variations

Security features

- Hard metal drilling protection in plug and body
- Vertical key insertion for optimal scanning of locking elements



PHZ Portal Half Cylinder

Ordering information

PHZ cylinder length A, [finish], [security and usage options]

Applications and usage

- Portals with direct bolting
- Garden doors without mortise lock but direct bolting
- Show window shields

Functional characteristics

- Lockable with key on one side
- Locking bolt Ø 15 mm
- Bolt protrusion: 21.5 mm
- 15 mm stroke

Security features

- Hard metal drilling protection in plug and body
- Vertical key insertion for optimal scanning of locking elements

Scope of supply

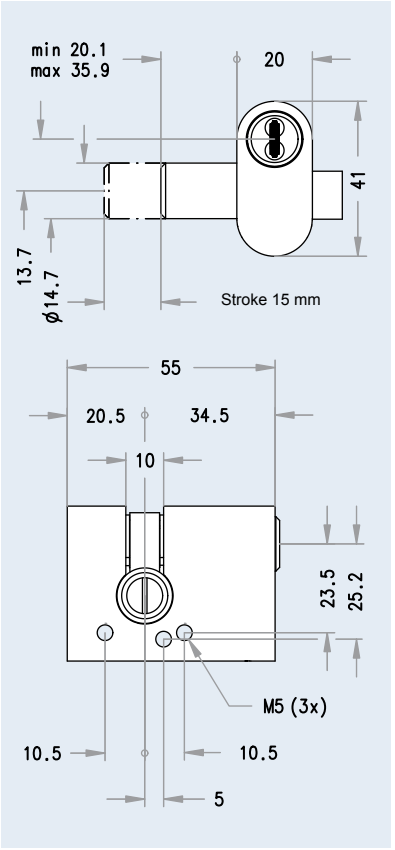
- Locking cylinder without fixing screw, with locking bolt

Technical data

- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Integrated locking bolt with
- 15 mm stroke

Installation & operation

- Cylinder installation in a prepared, empty cylinder hole for portal cylinder
- 3 possible M5 fastening variations



Product catalogue, Release 01/11/2010
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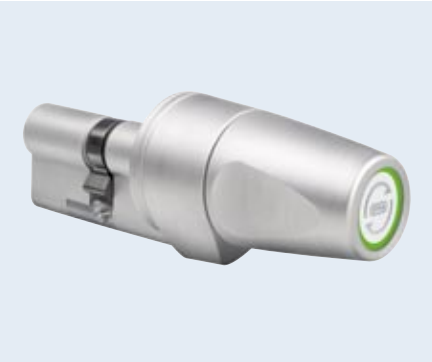
EMZY MZT35i Electronic Motorised Cylinder



Ordering information

- KZ cylinder length A/B, MZT35i (A=outer side; B=inner side (thumbturn side)) [security and usage options], [finish]

Accessories

- "MCU MI"- micro controller for flush-mounted installation, without power adapter
- "MCU NT"- power adapter for standard supply for the "MCU MI"-micro controller
- EVKA cylinder connection cable, 10 m
- ERK1 door contact, incl. 1.5 m connection cable (white or brown)
- ERK4 door contact for metal doors with installation tray, incl. 1.5 m connection cable
- EKAO open cable transition, length 30 cm; incl. two end pieces (white, brown or chrome)
- ERKO bolt contact, incl. 2 m connection cable with switch-over contact
- ABDMK 35 thumbturn cover

Applications and usage

- For mortise locks in accordance with DIN or ÖNORM
- For mortise locks in accordance with European technical standards
- Small backset for the motorised thumbturn on the thumbturn side, particularly suited for metal frame doors
- And for mortise locks with profile cylinder hole
- Minimal 35 mm backset for standard door installation in accordance with DIN 18101
- Motorised thumbturn with integrated button for simple operation
- Mechanical emergency release from the locking side
- Electronic control via external input units (such as code keypad, wall reader, ...)

Scope of supply

- Electronic motorised cylinder
- Three 1.5 mm spacer discs
- Fixing screw

Functional characteristics

- Electronically operated, cabled, motorised cylinder
- To lock/unlock locks
- Simple night-and-day mode switch
- Interactive learn mode for lock function (single and double turn locks)

Security features

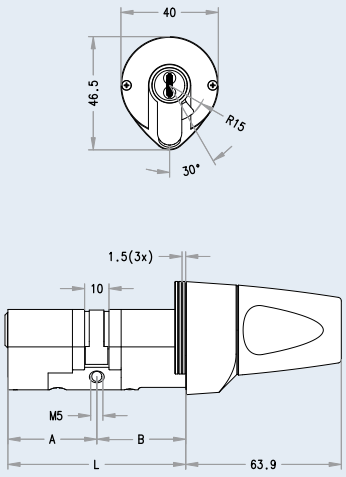
- Shape-matched spacer discs allow seamless transition from the thumbturn to the escutcheon

Technical data

- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 30 degrees
- Cam width: 9.3 mm
- Modular cylinder design
- Motorised thumbturn torque about 1 Nm

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- Cylinder fixed through a M5 fastening hole



ODZ Oval Double Cylinder

Ordering information

- ODZ cylinder length A/B, [finish], [security and usage options]

Applications and usage

- For mortise locks designed for British oval cylinders
- For house doors, connecting doors, flat entry doors, security doors, metal frame doors, ...

Functional characteristics

- Lockable on both sides with key
- Cam rotation: 360 degrees
- Cam removal position: 30 degrees (from the short side)

Security features

- Hard metal drilling protection in plug and body
- Vertical key insertion and optimal scanning of locking elements

Technical data

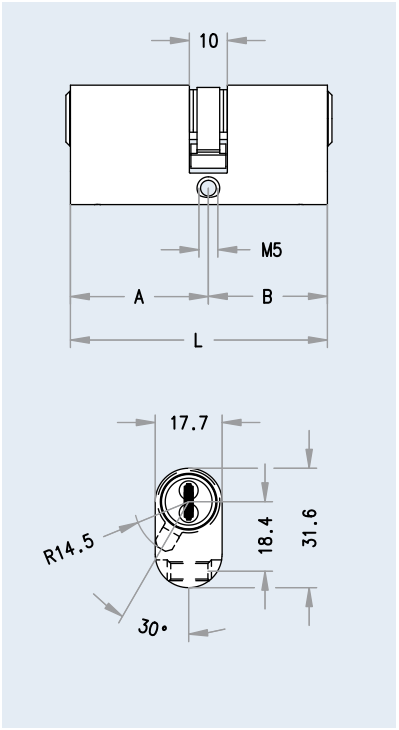
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 30 degrees
- Cam width: 9.3 mm
- Compact design

Scope of supply

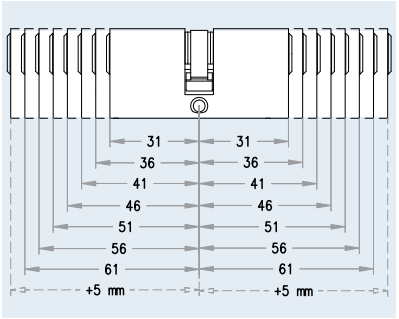
Locking cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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OKZ Oval Thumbturn Cylinder

Ordering information

- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/[thumbturn design]
- When thumbturn design is not specified: AKN standard thumbturn

Applications and usage

- For mortise locks designed for British oval cylinders
- For front doors, connecting doors, flat entry doors, security doors, metal frame doors, ...

Functional characteristics

- Can be locked from the outside with a key
- Thumbturn on the inside to lock and unlock the door
- Cam rotation: 360 degrees

Security features

- Hard metal drilling protection in the outside plug and body
- Vertical key insertion for optimal scanning of locking elements

Technical data

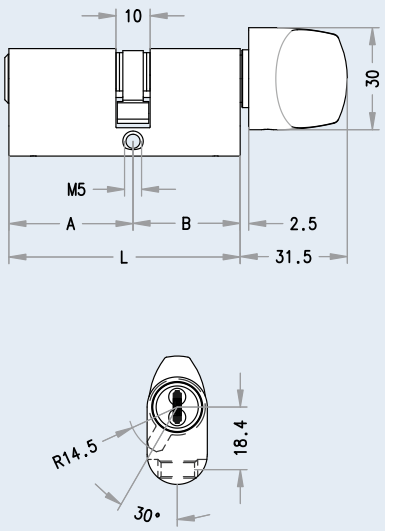
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 30 degrees
- Cam width: 9.3 mm
- Compact design
- Finishes: satin nickel plated, satin brushed, polished lacquer

Scope of supply

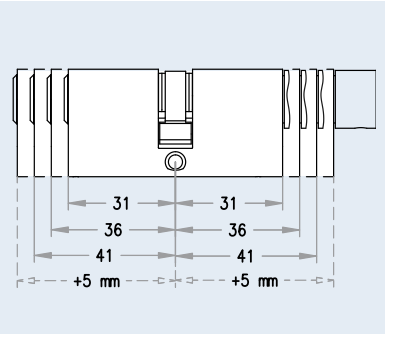
- Locking cylinder with thumbturn and fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- If required, inside thumbturn can be removed with a tool and replaced with another EVVA thumbturn
- Cylinder fixed through a M5 fastening hole



Cylinder lenghts



Finishes

Finishes	Abbreviations	Cylinder	AKN, KKN, FKN	RKN, MKN	OKN, OKNA	GKN
Polished brass	PB	●	●	●	●	●
Satin nickel	NI	●	●	●	●	●
Polished nickel	PN	O	O	O	O	O
Satin chrome	CR	O	O	O	O	O
Polished chrome	PC	O	O	O	O	O
Black	BL	O	O	O	O	O
Brown	BW	O	O	O	O	O
Satin brass	BR	O	O	O	O	O
PVD	PVD	O	O	O		O
RAL colour	RAL					O

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

OHZ Oval Half Cylinder

Ordering information

- UHZ cylinder length A, [finish], [security and usage options]

Applications and usage

- For single-turn or multi-turn mortise locks and other locks designed for British oval cylinders
- Garage doors and roller shutters fastened at the side

Functional characteristics

- Can be operated with a key on one side
- Cam rotation: 360 degrees
- Cam removal position: 45 degrees
- Cam can be set to 8 positions (45°, 90°,135°, 180°, 225°, 270°, 315°, 360°)

Security features

- Hard metal drilling protection in plug and body

Technical data

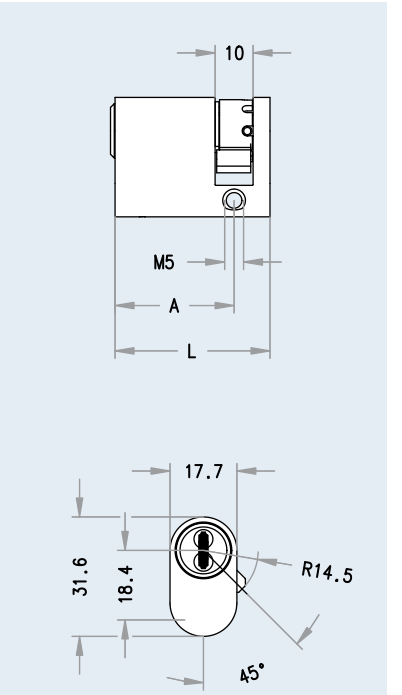
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 45 degrees (changeable)
- Cam width: 9.3 mm
- Compact design

Scope of supply

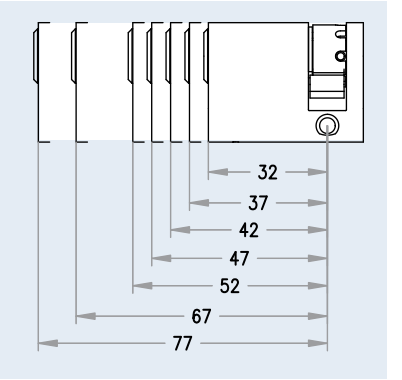
- Half cylinder with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder should be flush with the escutcheon or rose
- Cylinder fixed through a M5 fastening hole



Cylinder lengths



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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Rim Cylinder Type „M“ Mortise

Ordering Information

- Mortise size [L], [Finish]

Applications and usage

- For mortise locks for rim cylinders 29,2 x 32 G/1“
- Standard Adams-Rite cam
- Other cams on request

Functional characteristics

- Locking rotation: 360 degrees

Security features

- Hard metal drilling protection in the plug
- Vertical key insertion for optimal scanning of locking elements

Technical data

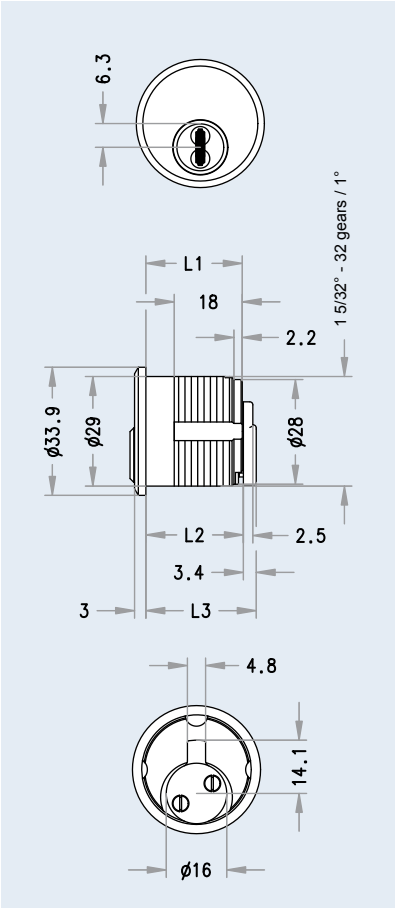
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Cylinder diameter: 33.9 mm
- Cam fixed through 2 diagonal screws
- Other screws on request

Scope of supply

- Round cylinder without rose, without fixing screw

Installation & operation

- Screw the cylinder in the foreseen mortise lock with inside thread
- Fixing with set screw from mortise lock



Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

SKA Scandinavian Outside Cylinder

Ordering information

- SKA [finish], [security and usage options]

Applications and usage

- For mortise locks designed for Scandinavian cylinders
- For use on house doors, connecting doors, flat entry doors, security doors, metal frame doors,...

Functional characteristics

- Can be locked on one side with the key
- Short horizontal tail bar
- Locking rotation: 360 degrees

Security features

- Hard metal drilling protection in plug and body
- Vertical key insertion for optimal scanning of locking elements

Technical data

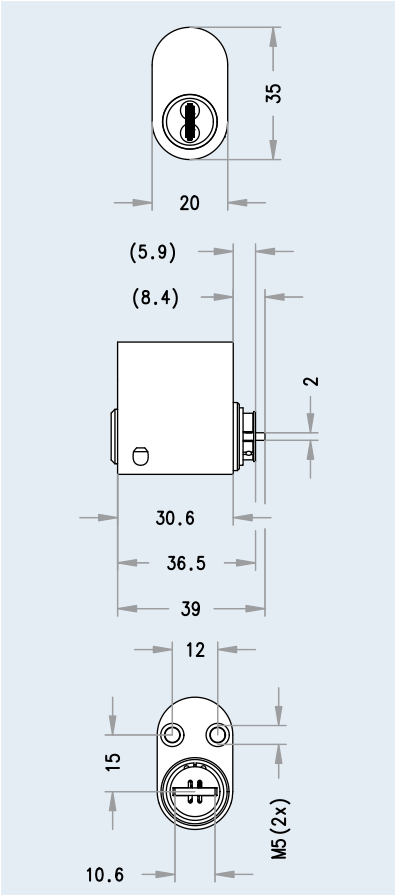
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Horizontal tail bar

Scope of supply

- Locking cylinder

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder fixed at rear



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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SKA/N Scandinavian Outside Cylinder (Norway Type)

Ordering information

- SKA/N [finish], [security and usage options]

Applications and usage

- For mortise locks designed for Scandinavian cylinders
- For use on house doors, connecting doors, flat entry doors, security doors, metal frame doors,...

Functional characteristics

- Can be locked on one side with the key
- Short horizontal tail bar
- Locking rotation: 360 degrees

Security features

- Hard metal drilling protection in plug and body
- Vertical key insertion for optimal scanning of locking elements

Technical data

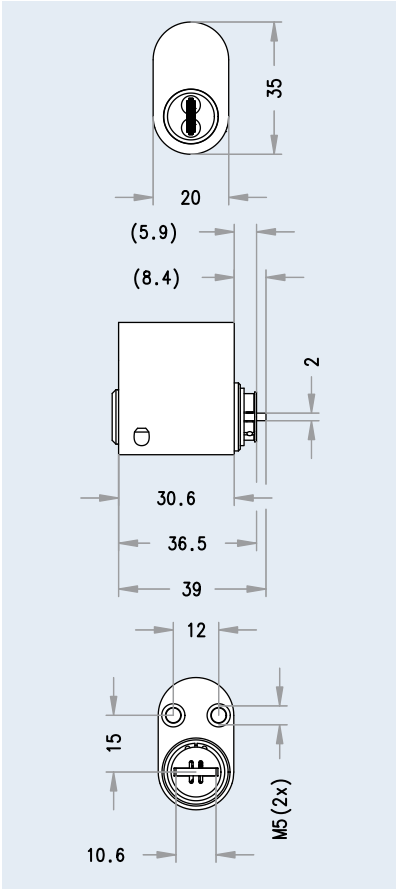
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Horizontal tail bar

Scope of supply

- Locking cylinder without screws

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Lateral cylinder fixation 3/16“



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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SKDZ Scandinavian Double Cylinder

Ordering information

- SKDZ [finish], [security and usage options]

Applications and usage

- For mortise locks designed for Scandinavian cylinders
- For use on the inside area of house doors, connecting doors, flat entry doors, security doors, metal frame doors,...

Functional characteristics

- Can be locked on one side with the key
- Short horizontal tail bar
- Locking rotation: 360 degrees
- To be used only in combination with a second SKDZ

Security features

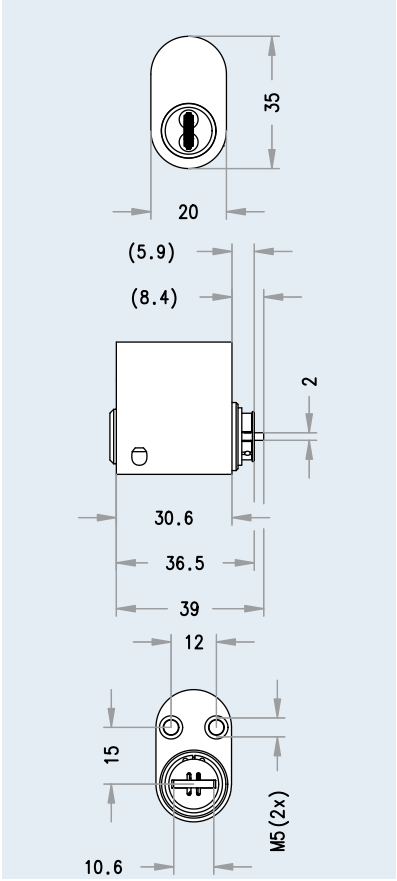
- Vertical key insertion for optimal scanning of locking elements

Technical data

- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Horizontal tail bar

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

Product catalogue, Release 01/11/2010
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SKI Scandinavian Inside Cylinder

Ordering information

- SKI [finish], [security and usage options]

Applications and usage

- For mortise locks designed for Scandinavian cylinders
- For use on the inside area of house doors, connecting doors, flat entry doors, security doors, metal frame doors,...

Functional characteristics

- Can be locked on one side with the key
- Short horizontal tail bar
- Locking rotation: 360 degrees
- Suitable as second part for Scandinavian double cylinder (SKA+SKI)

Security features

- Vertical key insertion for optimal scanning of locking elements

Technical data

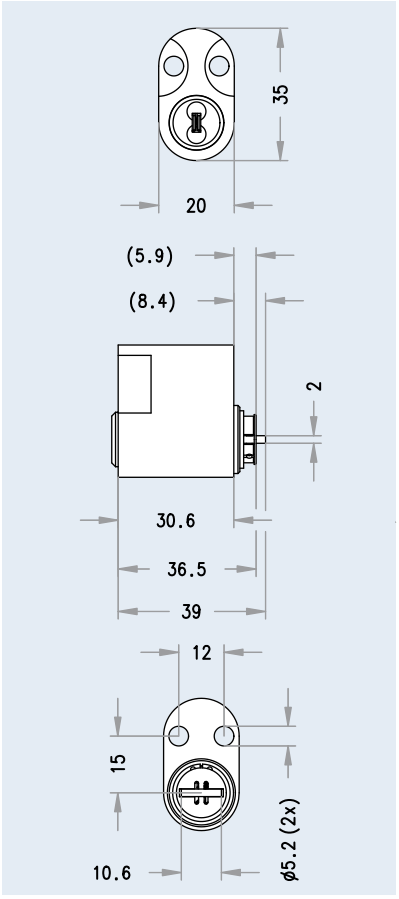
- Cylinder body base material: brass
- Cylinder plug base material: brass
- All scanning elements coated with Triflon
- Horizontal tail bar

Scope of supply

- Locking cylinder with 2 fixing screws

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Continuous bores for screw connection with outside cylinder



Finishes

Finishes	Abbreviations	Standard	Surcharge
Polished brass	PB	●	
Satin nickel	NI	●	
Polished nickel	PN		O
Satin chrome	CR		O
Polished chrome	PC		O
Black	BL		O
Brown	BW		O
Satin brass	BR		O
PVD	PVD		O

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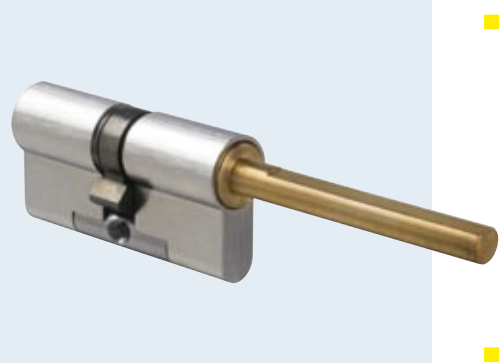
KZ Thumbturn Cylinder With Adabtable Thumbturn Axis



Ordering information

- KZ cylinder length A/B (A=outer side; B=inner side (thumbturn side)) [security and usage options]
- [finish]/[thumbturn design]

Applications and usage

- For mortise locks in accordance with DIN or ÖNORM
- For mortise locks in accordance with European technical standards
- For house doors, connecting doors, flat entry doors, security doors, metal frame doors, ...
- For break-in resistant doors of resistance class Wz6

Functional characteristics

- Can be locked on the outside with a key
- Thumbturn on the inside to lock and unlock the door
- Cam rotation: 360 degrees

Security features

- Hard metal drilling protection in the outside plug and body
- Pulling protection through chrome-nickel connecting rod
- Vertical key insertion for optimal scanning of locking elements

Technical data

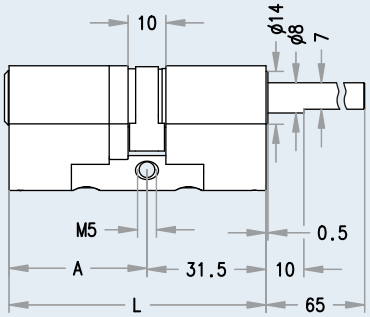
- Cylinder body base material: brass
- Cylinder plug base material: nickel silver
- All scanning elements coated with Triflon
- Cam home position: 30 degrees
- Cam width: 9.3 mm
- Modular cylinder design
- Finishes: satin nickel plated, satin brushed, polished lacquer

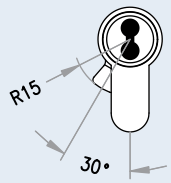
Scope of supply

- Locking cylinder without thumbturn, with fixing screw

Installation & operation

- Easy cylinder installation in a prepared, empty cylinder hole
- Cylinder projecting length may not exceed 3 mm for security-relevant doors
- Elongated thumbturn axis with flattering for thumbturn fixation with screws
- If required, inside thumbturn can be removed with a tool and replaced with another EVVA thumbturn
- Cylinder fixed through a M5 fastening hole





Product catalogue, Release 01/11/2010
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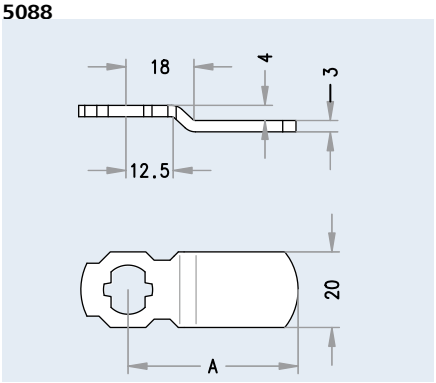
Cam types

Applications and usage

- For cam locks (plate installation cylinders) MB19, MB23, MB30, ZB27, ZB27K, MB20GT, MB23G, MB23GT, MB30MB, MB30

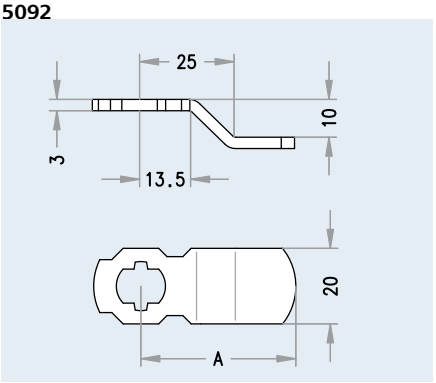
Attention: Cam types do not apply to MRH22 and SRZ22

5088



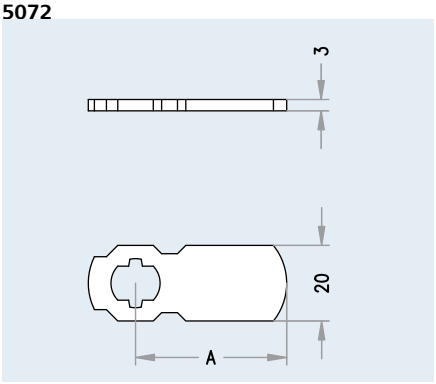
A	33,5	45	65

5092



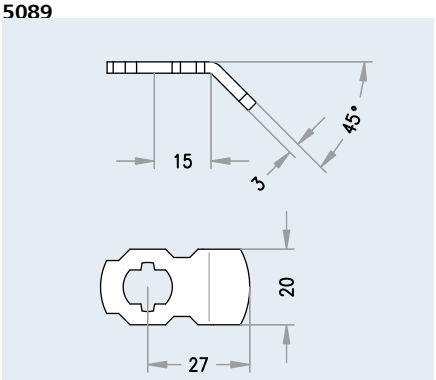
A	41	48,5	52,5

5072



A	19	28	34	37	40	45	50
	55	60	65	70	75	80	

5089



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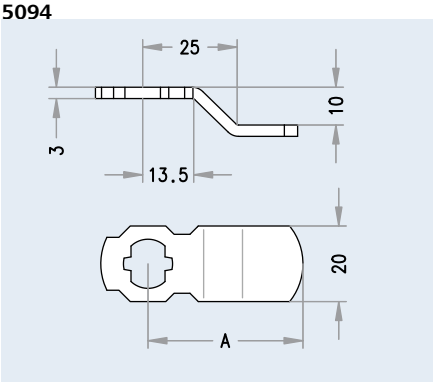
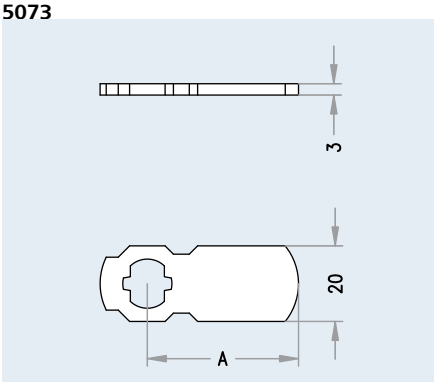


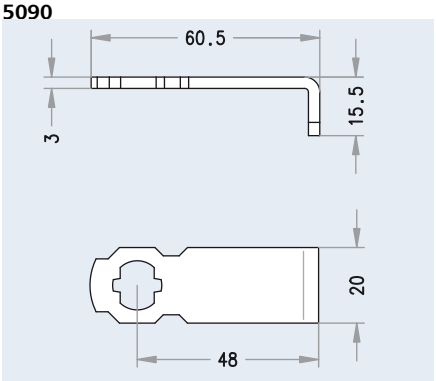
A	33,5	41	59

5073



A	27	34	36	40	45	50
	55	60	65	70	75	80

5090



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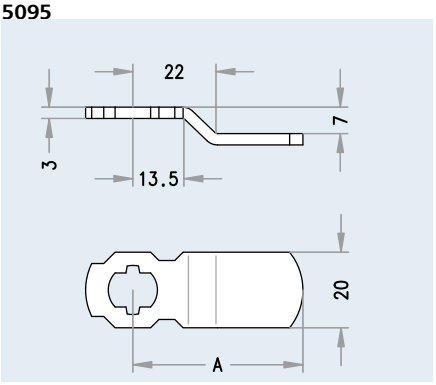
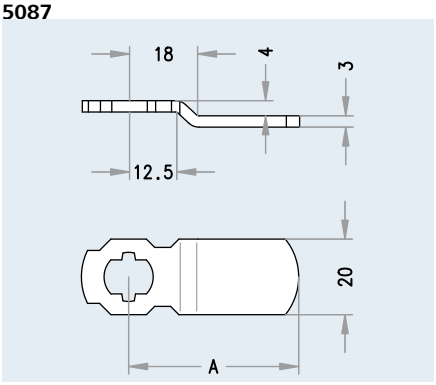


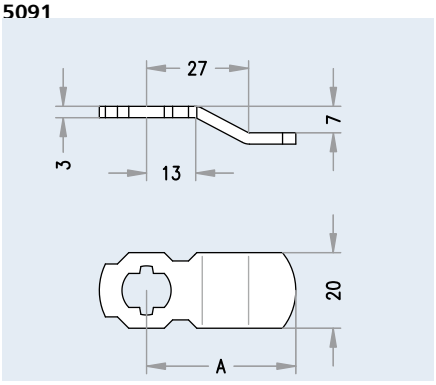
A	45	50

5087



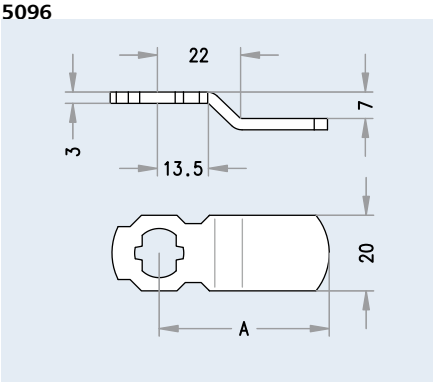
A	33,5	40	45	65

5091



A	39,5	59	65,5

5096



A	33,5	45

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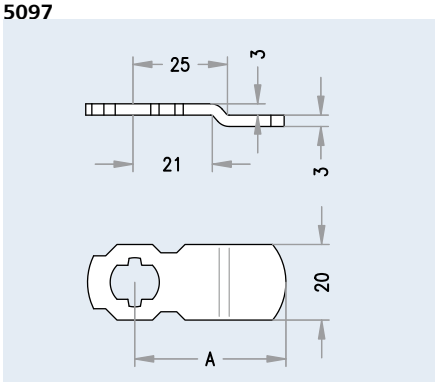
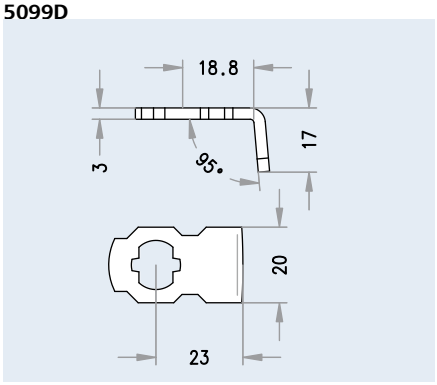
Cam types

5097

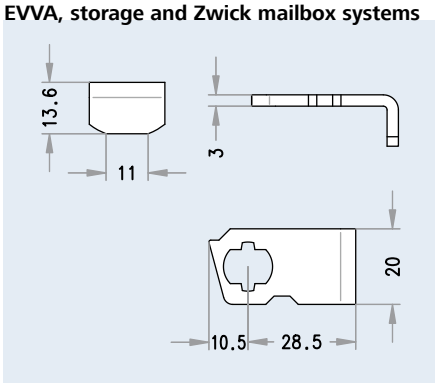


A	33,5	37	40	45	50	55	70

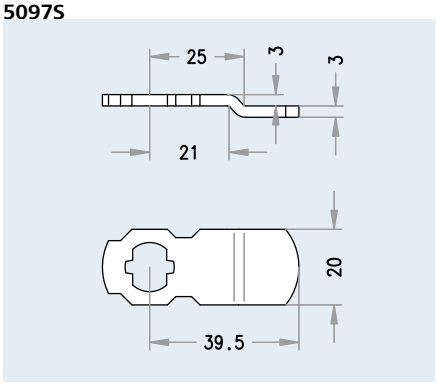
5099D



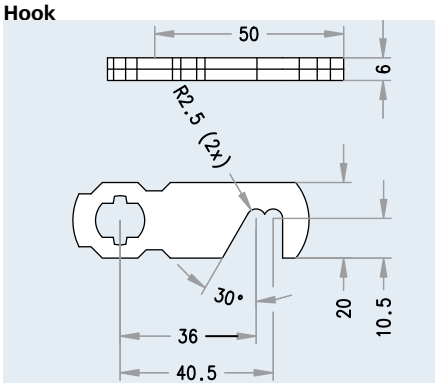
EVVA, storage and Zwick mailbox systems



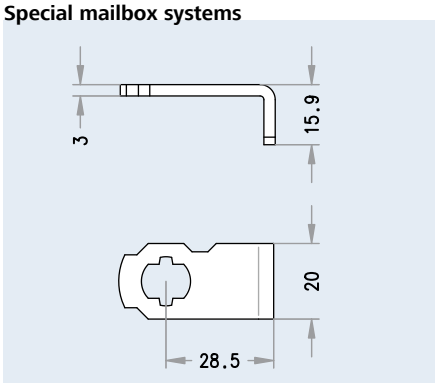
5097S



Hook



Special mailbox systems



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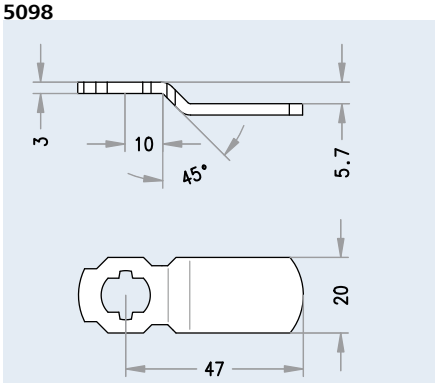
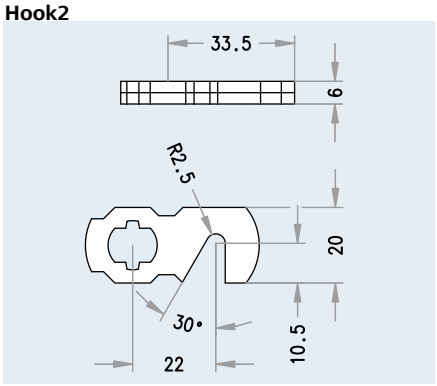
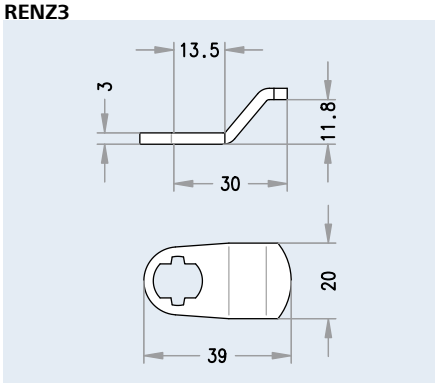


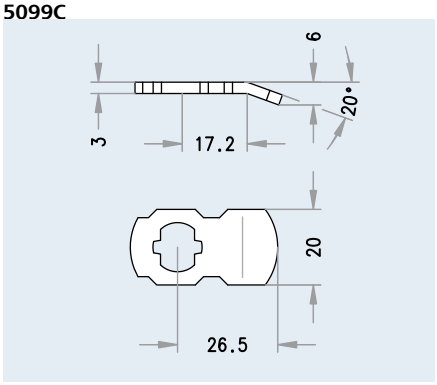
Hook2



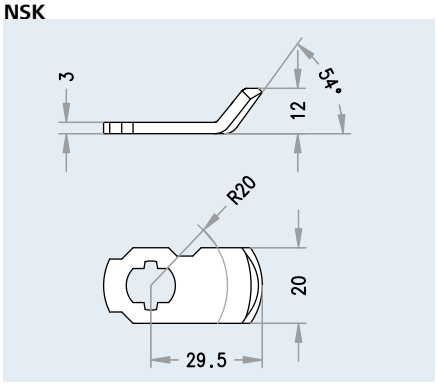
RENZ3



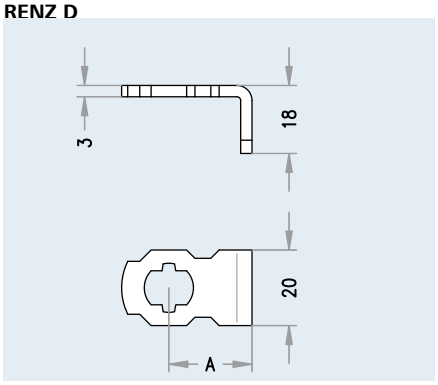
5099C



NSK



RENZ D



A	22	28

B1 Construction Key

Ordering information
- B1

Technical data
- The conical, square-shaped key tip ensures doors can be opened and closed easily.
- Cam for profile cylinder hole
- 7 to 10 mm square-shaped pin
- Cylinder measuring unit

Material used
- Composite

B2 Construction Key

Ordering information
- B2

Technical data
- The conical, square-shaped key tip ensures doors can be opened and closed easily.
- Square-shaped pin lock key, 6, 7 and 8 mm
- Cam for profile cylinder hole
- Square-shaped pin, 6 to 10 mm
- Hexagonal key, 3 mm

Material used
- Composite

B3 Construction Key With Cylinder Measuring Unit

Ordering information
- B3

Applications and usage
- The conical, square-shaped key tip ensures doors can be opened and closed easily.
- 6, 7 and 8 mm square-shaped pin lock key
- Cam for profile cylinder hole
- Square-shaped pin between 7 and 10 mm
- Hexagonal key, 3 mm
- Cylinder measuring unit

Material used
- Die-cast, nickel plated

B4 Multi-Tool Construction Key

Ordering information
- B4

Applications and usage
- External square socket key, AF width 7 + 8 mm
- External triangular socket key, 8 mm
- Pozidrive screw bit no. 2
- Countersunk screw bit size 3
- Radiator bleed key, AF width 5 mm
- Measurement scale up to 40 mm
- Round cylinder carrier, nominal ø 22 mm
- Bottle opener on carrier
- Square drive, AF width 7 / 8 / 9 / 10 mm
- Hexagonal square drive, AF width 3 mm

Material used
- Die-cast, satin nickel plated

Product catalogue, Release 01/11/2010
Errors and misprints excepted. Subject to technical change without notice.

Multi-Spray

- **Applications and usage**
  - Indispensable for house and garden, at the workplace, for vehicles, sport and leisure equipment, industry and agriculture, all kinds of machines, locks as well as all electrical devices.
- **Security features**
  - Free of silicone, hence it does not gum susceptible materials
- **Functional characteristics**
  - Eliminates squeaking and creaking
  - Helps to jump start damp motors
  - Loosens jammed components
  - Protects against corrosion
  - Cleans tough dirt and stains
- **Designs**
  - Multi-Spray 200 ml
  - Multi-Spray 400 ml

Resistorx Screws

- **Applications and usage**
  - Tamper-proof cylinder fixing screw
- **Security features**
  - Optimum protection against tampering with special Resistorx
  - Countersunk head with TX35
- **Designs**
  - Nirosta, stainless steel

Ordering information

- Resistorx

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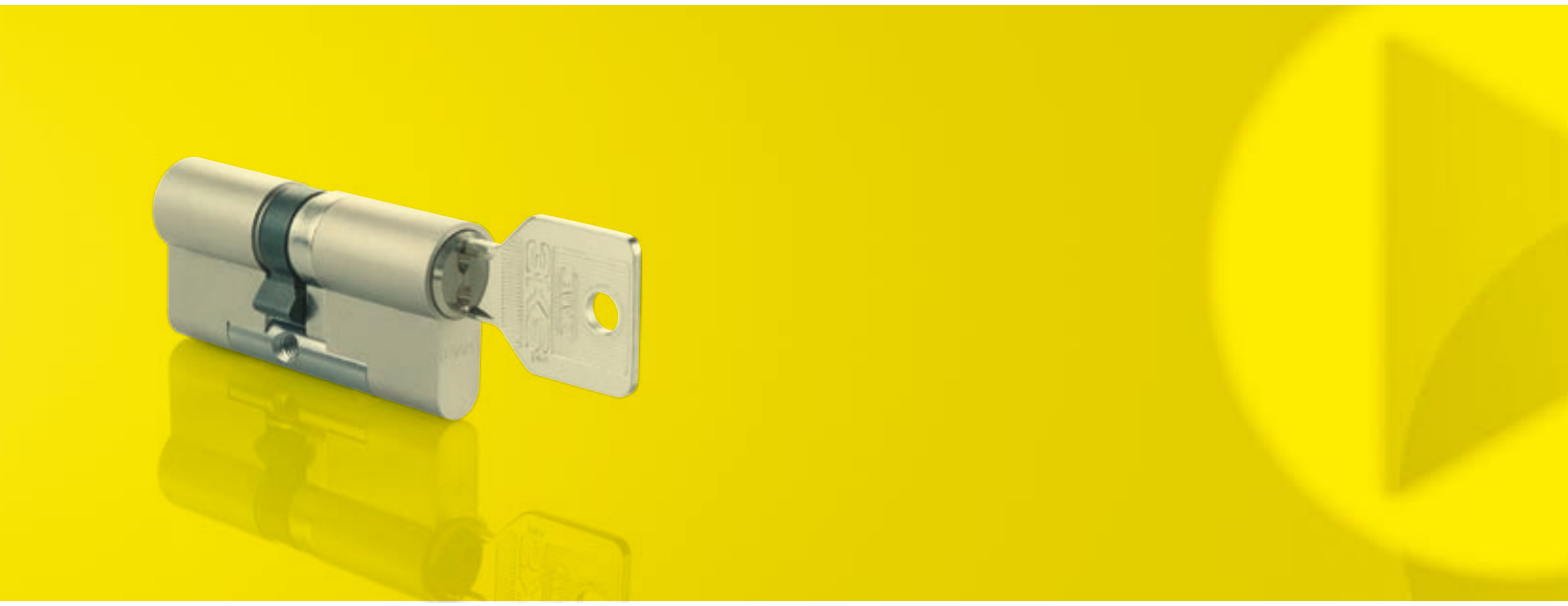

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