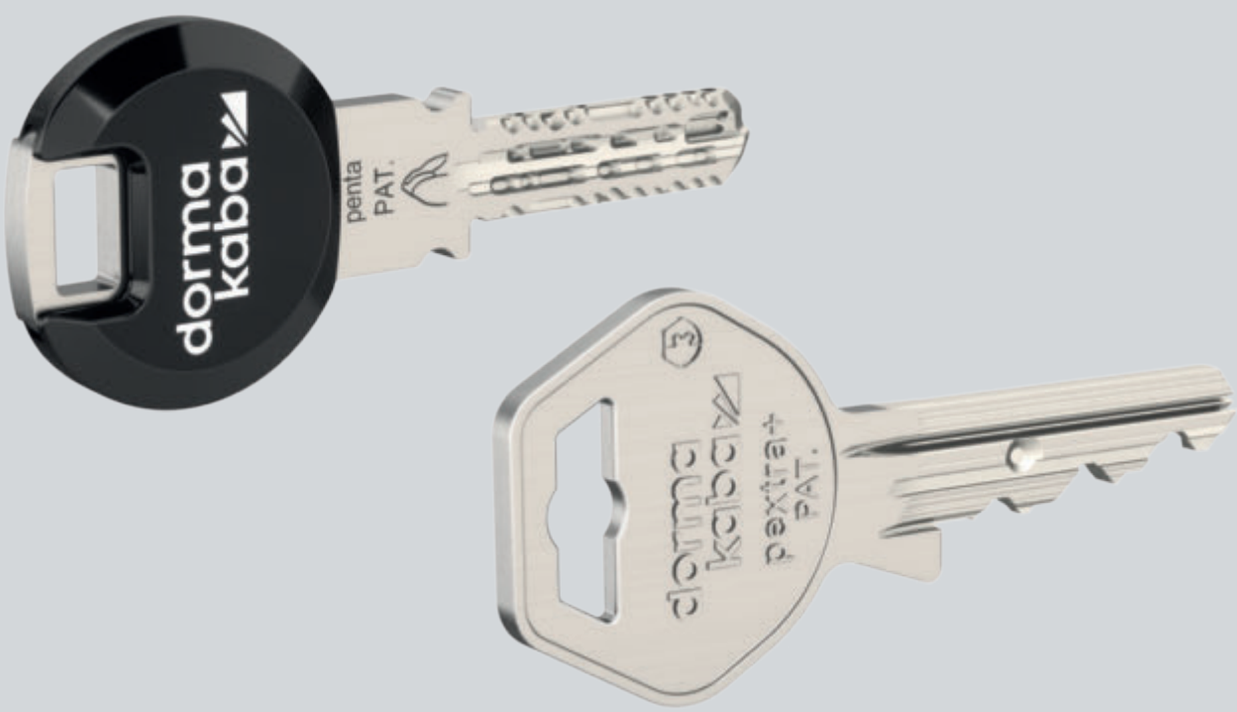
dormakaba

Global Catalogue Mechanical Key Systems

Reversible Key EU-Systems
Serrated Key EU-Systems



Complete Catalogue MKS 2020

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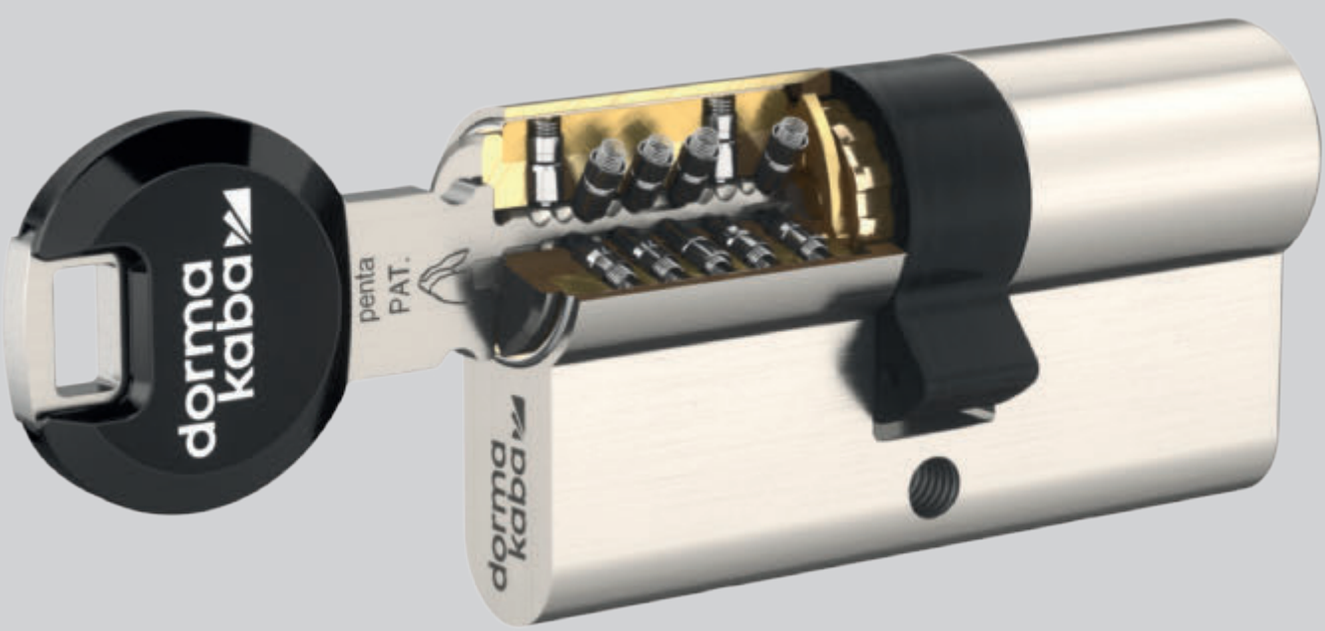
Mechanical Reversible Key EU-Systems

Reversible Key EU-Systems



Reversible Key Systems EU at a Glance

All dormakaba reversible key systems EU are manufactured in Austria at the factory in Eggenburg. Each and every completely assembled cylinder and every key passes through this factory. The product range consists of factory made systems and dealer systems. Whereas the factory systems are manufactured exclusively in our factories, dealer systems may also be assembled by our authorised dealers.

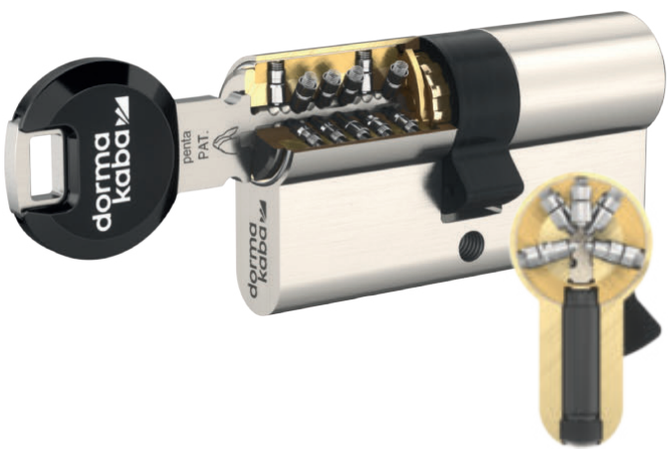
Overview Factory Systems

Cylinders and keys are only available completely assembled and permutated from the factory. This applies not only for new orders but also for extensions of existing master key systems and for spare parts. For legacy systems only extensions and repeat oders to existing master key systems and serial cylinders are accepted.

System Family penta

System code number:	Patent valid until
penta cross (K90)	2036
penta (K84)	2033
penta (K57)	2021 (legacy system)

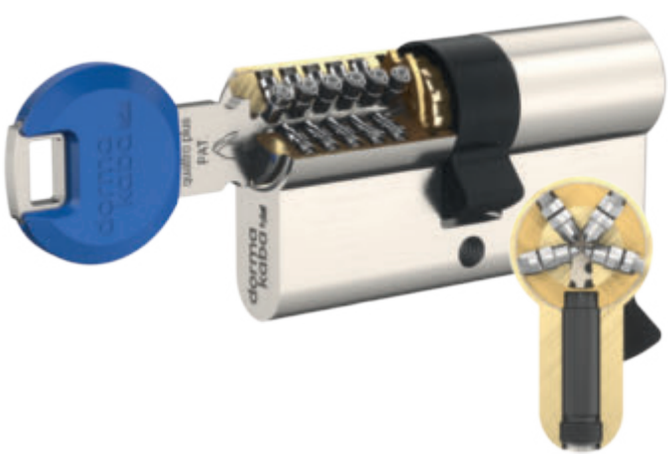
- 5 radially arranged tumbler pin rows
- Up to 22 active tumbler pin pairs (cross 20)
- A total of 85 possible tumbler pin positions (cross 78)
- Suitable for large and complex master key systems



System Family quattro

System code number:	Patent valid until
quattro plus (K85)	2033
quattro plus (K58)	2021 (legacy system)
quattro S (K52)	Legacy system
quattro 1.1 (K51)	Legacy system
quattro 1.0 (K50S)	Legacy system

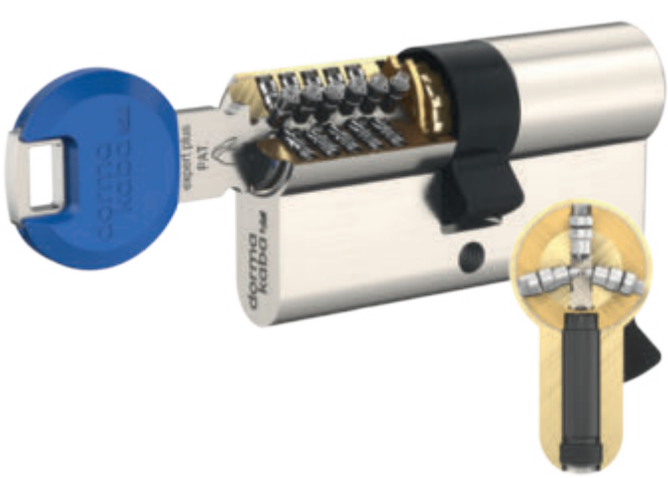
- 4 radially arranged tumbler pin rows
- Up to 22 active tumbler pin pairs
- A total of 44 possible tumbler pin positions
- Suited for large master key systems



System Family gemini

System code number:	Patent valid until
gemini plus (K87)	2033
gemini plus (K81)	2021 (legacy system)
gemini T (K54)	Legacy system
gemini S (K53)	Legacy system
gemini (K50)	Legacy system

- 3 radially arranged tumbler pin rows
- Up to 16 active tumbler pin pairs
- A total of 32 possible tumbler pin positions
- Suited for small to medium sized master key systems



Overview Dealer Systems

Authorised partners purchase cylinder components and key blanks with specific dealer codes from the factory. After thorough training and certification our partners are in a position to assemble cylinders themselves and permutate key blanks. The permutation data are provided by dormakaba.

System Family expert

System code number:	Patent valid until
expert cross (K89)	2036
expert plus (K83)	2033
expert (K56)	2021

- 4 radially arranged tumbler pin rows
- Up to active 22 tumbler pins (cross 20)
- A total of 44 possible tumbler pin positions (cross 40)
- Suited for serial keyings and medium to medium-large master key systems

System Family matrix

System code number:	Patent valid until
matrix plus (K86)	2033
matrix (K59)	2021

- 3 radially arranged tumbler pin rows
- Up to 16 tumbler pins
- A total of 32 possible tumbler pin positions
- Suited for serial keyings and small master key systems

General Features
Reversible Key Systems

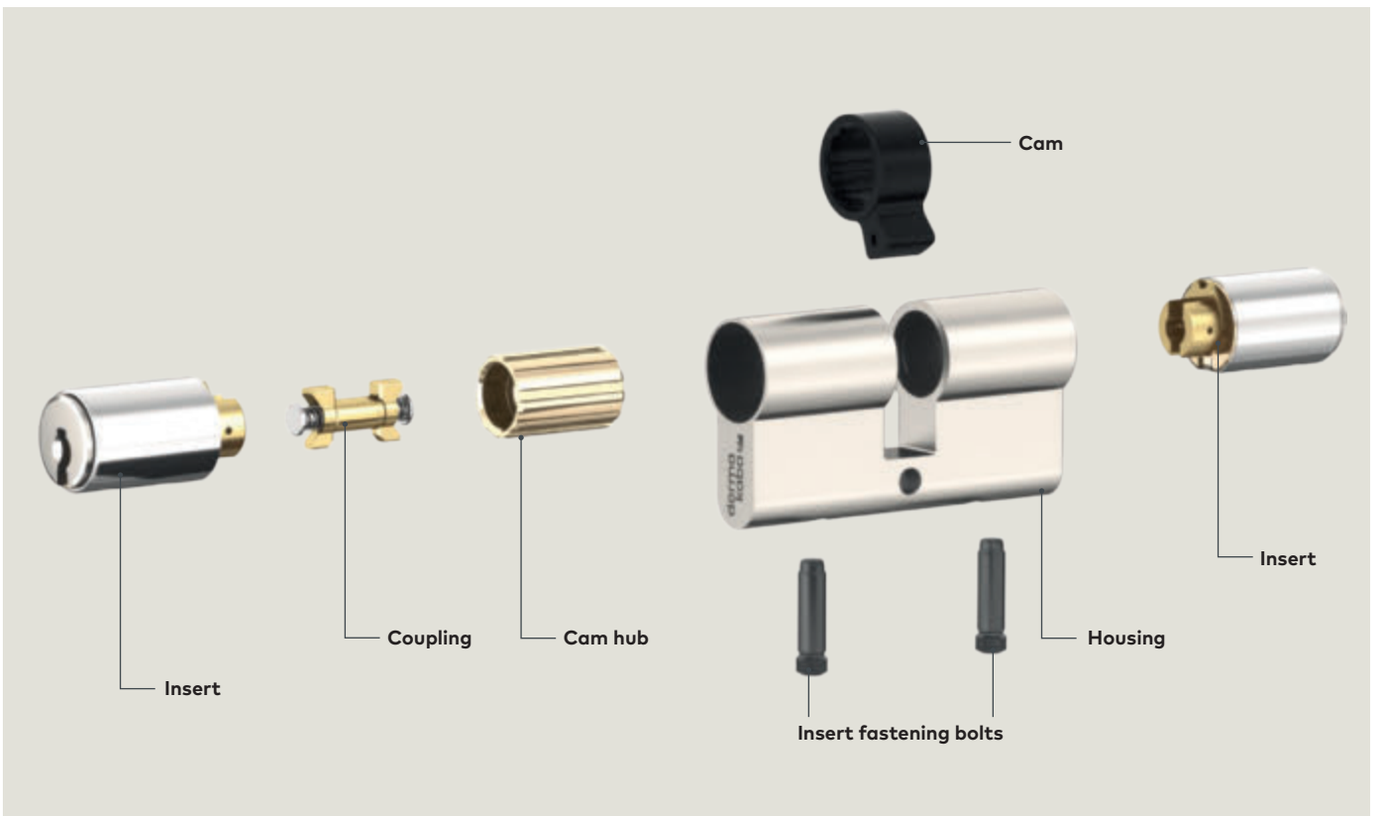
Design
- Reversible key in three bow and three clip styles in 12 colours for user friendly operation
- All housings are made of solid brass in one piece in a robust construction
- Numerous surface finishes (see cylinder surface finishes)
- All reversible keys are made from nickel silver
- Modular insert system (see modular concept)

Complete Portfolio
- Complete cylinder portfolio available in Euro-, Swiss Round, Scandinavian Oval and Union Oval profiles as well as in other custom made profiles
- Full range of mortise door lock cylinders, camlocks, furniture locks, switch cylinders, padlocks, door handles, etc. available
- Upward compatible to electronic and mechatronic master key systems

Security
- Duplicate keys are only available against the registered security card from the dormakaba authorised dealer
- Key blanks are not available for retail sale
- Safe against bumping keys and impressioning by specially formed tumbler pins
- Special shape of tumbler pins protects against picking
- Patent protection
  Patent number EP2890856B1 valid until 2036
  Patent number EP2890856B1 valid until 2033
  Patent number WO 01/177466 valid until 2021

Standards
- EN 1303 Locking security: Class 6 in standard version
- EN 1303 Attack resistance: Class B in standard version, Class C and D with additional security components in the cylinder
- DIN 18252 all protection classes for mechanical locking cylinders available
- VdS Class B and BZ for highest safety requirements
- FZG for freewheel cylinders in gear operated mortise door locks
- Country specific standards such as SKG*** in the Netherlands or KiteMark in the UK

Modular Concept



Investment security and upward compatibility - in short, long term use and usability of products once purchased have always been an important issue for - and a substantial differentiating characteristic of dormakaba.

The dormakaba reversible key system families penta, quattro, gemini, expert and matrix are manufactured in a module system design that makes it quick and easy to modify cylinder lengths and types. The integral part of the modularity concept is, that every technical system is completely integrated in the insert. This means the smallest components such as springs and tumbler pins are always contained in an enclosed sleeve.

Existing cylinders can be modified quickly and easily regarding length and/or function in combination with different cylinder bodies (complete housings), couplings and cam hubs. The locking system itself cannot be modified by the dealer. A general 2x12 conversion of the cam is possible.

The module insert concept allows the inserts to be used trouble-free in other cylinder types (single cylinders, thumbturn cylinders, rim cylinders, furniture cylinders, padlocks and cam locks). dormakaba modular expands the application area of authorised dealers, especially in the service area. A quick conversion of an existing cylinder and an adjustment to changed customer needs and requirements increases versatility and flexibility.

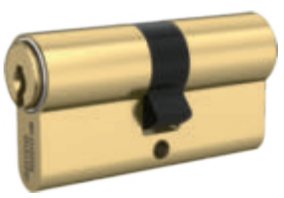
Specially trained and authorised modular dealers have an agreement with dormakaba to carry out cylinder conversion. dormakaba provides a dealer set to support these dealers (basic equipment of required cylinder parts for length changes and/or other conversions) as well as installation tools.

For further information, request the dormakaba modular system catalogue.

Cylinder Surface Finishes

Standard Surface Finishes

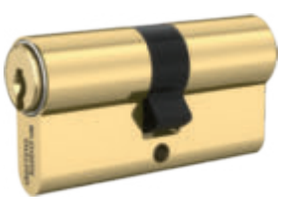
NI
Nickel plated



MS
Brass natural

Special Surface Finishes

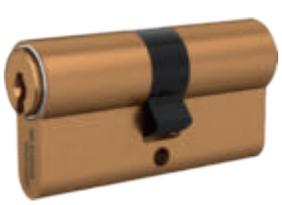
NIC
Chemically nickel plated



MP
Brass polished

CR
Chrome plated

CRP
Chrome plated polished



BH
Bronzed light

BM
Bronzed medium

BD
Bronzed dark

Cylinder Care and Maintenance

Use
dormakaba locking cylinders are extremely robust and durable. Nevertheless, it is necessary to take care of a dormakaba cylinder so that it will function without problems for as long as possible.

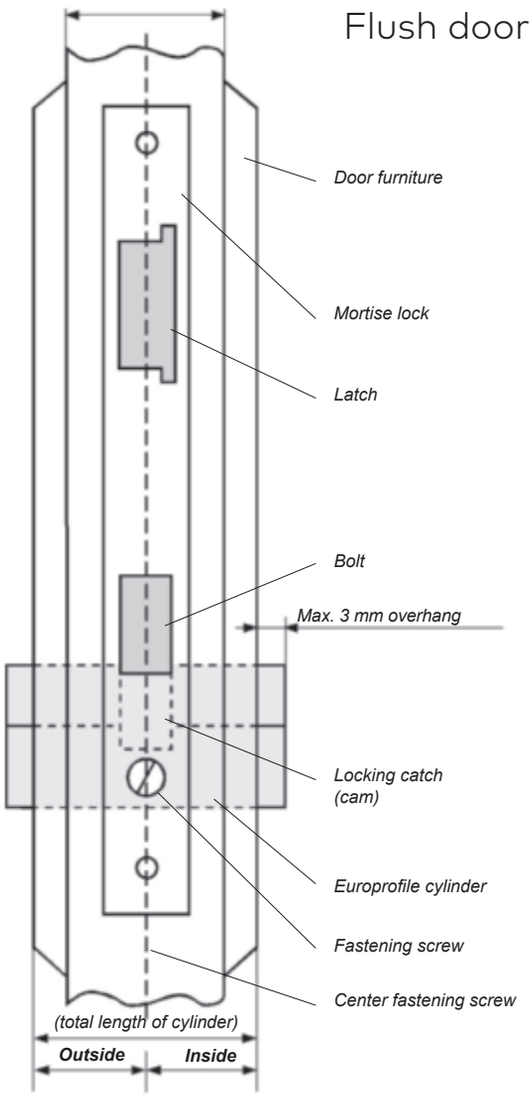
Please be sure that:
- the key is not bent or damaged
- the door is never opened by pulling on the key bow
- no leverage force is applied to the key
- no foreign objects are ever inserted in the cylinder

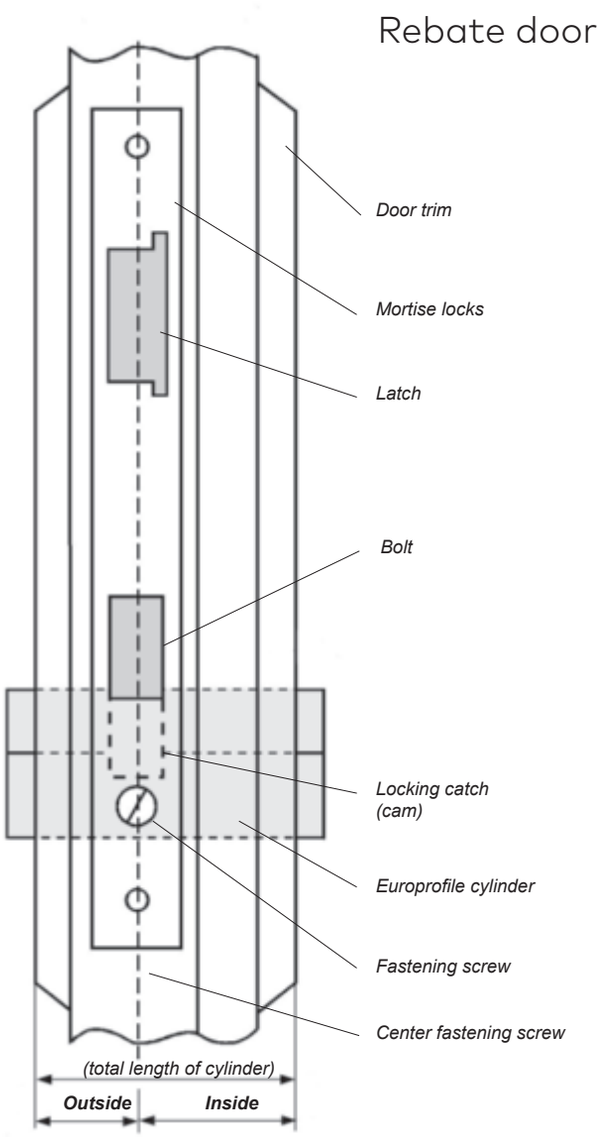
dormakaba Cleaner for preventative maintenance and care
The cans are available in sizes 13/60/200 ml. The two smaller cleaners are pump sprays and are free from propellant gas. All sizes offer extremely economical dosing.

You can find more information about using the cleaner here:

Cans in 200ml 60ml 13ml

Determining the Cylinder Length





When determining the required cylinder length, the thickness of the door furniture and/or rosette being used must always be added to the door leaf thickness.

The required cylinder length is determined after inserting the mortise lock:
1. Outside = distance from cylinder fastening screw to the outside (including door furniture)

2. Inside = distance from cylinder fastening screw to the inside (including door furniture)

3. Select the next larger dimension (in 5 mm steps) from the cylinder lengths list.

Order Instructions

Please note the following information regarding the order codes for our products. The codes are mostly self-explanatory. All order information about a product is contained in a generic code configured in the manner.

Cylinder options are shown as a feature. Every feature consists of a long and short text. The long text describes the options in prose. The short text is an acronym of the long text.

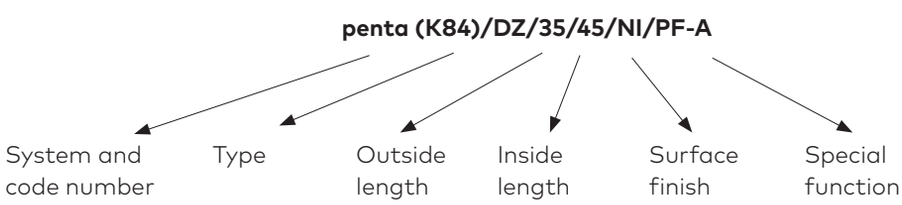
As follows the features are always described with the long text including the short text in parentheses, e.g. „nickel plated (NI)" or „double key override (BSZ)". The short text allows the order code to shown compact. All features are separated by a slash „/". The order of the short texts is dictated by sequence of the options in the cylinder types.

As a standard each order code begins with the features: technical system/cylinder/type/... options

Excepteions:

- A „type" is certain design of a cylinder. Cylinders withot types do not have this feature
- When ordering without a technical system (system neutral), the order code begins with K/SYST/Cylinder/ Type/...

Order code example for a lock cylinder with two additional functions:
Double cylinder in the system penta (K84), outside length 35 mm (side A),
inside length 45 mm (side B), cylinder surface finish nickel plated, priority function on side A.



The first length specified is always the outside of the cylinder!

Short Texts – Cylinder Types and Special Functions

Cylinder types

DZ	Double cylinder, Euro profile Ø 17 mm
DZCH	Double cylinder, Swiss round profile Ø 22 mm
UDZ	Union double cylinder
UHZ	Union single half cylinder
ODZ	Oval double cylinder
OHZ	Oval single cylinder
DKZ	Thumbturn cylinder
HZ	Single cylinder
WCZ	WC cylinder
BDZ	Blind double cylinder
BHZ	Blind single cylinder
BDKZ	Blind double thumbturn cylinder
DKHZ	Thumbturn single cylinder
VHS	Padlock
AZ	Outside rim cylinder
IZ	Inside rim cylinder
BMZ	Camlock cylinder
ZSL	Key
FG	Window handle
GTS	Glass door cylinder
MZ	Furniture cylinders
MAS	Furniture lock
MES	Espagnolette lock
DRZ	Push cylinder
ZVZ	Central lock cylinder
OL	Olives
ROS	Rosettes
RZ	Round cylinder
AFZ	Elevator control cylinder
SZM	Switch cylinder with switch element
SZO	Switch cylinder without switch element

Special functions (see chapter special functions for detailed description)

BAZ	Construction time function
BL	Blind on one cylinder side
BSZ	Double key override
BS	Drilling protection
DF	Duplo function
FZG	Freewheel cam for gear operated or panic locks
GF	Emergency key function
KT	Contact pin
LAM	Steel reinforcement plate
PF	Priority function
RB	Relative cam movement
SAT	Secure access temporary
SIS	Dust and insect protection
SSW	Dust and splash protection
TIC	Thermally insulated cylinder
ZR	Cogwheel cam
ZS	Pulling protection

Combination Options – Special Functions

The following table provides an overview of the special functions available, their possible combinations with each other and the availability of the cylinder types.

		Optional special functions „x“ combination possible																		
													Options for dust and weather					Options for increased burglary protection		
		Construction time function – change keying 1 x	Construction time function – change keying 2 x	Double key override	Duplo function	Freewheel cam for gear operated or panic locks	Emergency key function	Priority function	Cogwheel cam	Relative cam movement	Contact pin	Dust and splash protection	Dust and insect protection	Chemically nickel plated	Thermally insulated cylinder	Insert with SAT2 Function	Insert with SAT1 Function	Steel reinforcement plate	VdS certified: drilling protection	VdS certified: Pulling and drilling protection 3)
Cylinder types	**Order Code**	**BAZ**	**BAZ3**	**BSZ**	**DF**	**FZG**	**GF**	**PF**	**ZR**	**RB**	**KT**	**SSW**	**SIS**	**NIC**	**TIC**	**SAT2**	**SAT1**	**LAM**	**VDSB**	**VDSBZ**
Double cylinder	**DZ**	x	x	x	x	x	x	x		x	x	x		x		x	x	x	x	x
Single cylinder	**HZ**	x	x		x	x				x	x	x		x		x	x		x	x
Thumbturn	**DKZ**	x	x			x		x			x	x		x		x	x	x		
Thermally insulated cylinder – double cylinder	**DZ/TIC**	x	x	x										x	x					
Thermally insulated cylinder – thumbturn cylinder	**DKZ/TIC**	x	x	x										x	x					

Special functions	**Order Code**	**Optional special functions „x“ combination possible**																		
Construction time function – change keying 1 x	**BAZ**			x		x	x	x		x				x	x			x	x	x
Construction time function – change keying 2 x	**BAZ3**			x		x	x	x		x				x	x			x	x	x
Double key override	**BSZ**	x	x							x	x	x		x	x	x	x	x	x	x
Duplo function	**DF**						x	x		x	x	x		x				x		
Freewheel cam for gear operated or panic locks	**FZG**	x	x								x	x		x			x	x		
Emergency key function	**GF**	x	x		x					x	x	x		x			x	x	x	x
Priority function	**PF**	x	x		x					x	x	x		x			x	x	x	x
Cogwheel cam	**ZR**	x	x	x	x		x	x	x		x	x	x	x	x			x	x	x
Relative cam movement	**RB**	x	x	x	x		x	x			x	x		x				x	x	x
Contact pin	**KT**			x	x	x	x	x	x	x		x		x						
Dust and splash protection	**SSW**			x	x	x	x	x		x	x			x		x	x	x	x	
Dust and insect protection	**SIS**			x	x	x		x	x	x				x	x	x	x	x		
Chemically nickel plated	**NIC**	x	x	x	x	x	x	x		x	x	x			x	x	x	x	x	x
Thermally insulated cylinder	**TIC**	x	x	x										x						
Secure Access Temporary Function 2	**SAT2**			x								x		x			x			
Secure Access Temporary Function 1	**SAT1**			x			x	x				x				x				
Steel reinforcement plate	**LAM**	x	x	x	x	x	x	x		x		x		x		x	x			
VdS certified: drilling protection	**VDSB**	x	x	x			x	x		x		x		x						
VdS certified: Pulling and drilling protection	**VDSBZ**	x	x	x			x	x		x				x						

Important Product Information

General Notes
Please note the following information about mechanical and mechatronic lock cylinders. dormakaba Austria GmbH will not be held liable for any damage resulting from failure to adhere to this information.

1. Product information and use according to the intended purpose
A lock cylinder is in the sense of this definition a component, that in general can be installed exchangeably in door locks, door furniture, apparatusses or doors prepared here for or in other related product types. Other lock cylinder styles (e.g. switch locks) shall be handled accordingly. The proper operation of cylinders is performed with their respective keys.

1.1 Lock cylinders can then be installed without reserve in locks, door furniture, apparatusses, etc. if they have been expressly arranged for the respective lock cylinder In other cases the manufacturer, dealer, installer or user of such locks, door furniture, apparatusses etc must themselves be sure for himself that the selected lock cylinder is suitable for application. Mandatory legal regulations must also be adhered to. (e.g. emergency exits, elevators).

1.2 Lock cylinders, that may be subject to force, may not protrude more than 3 mm above the door furniture. The degree of burglary resistant measures is according to the demands required.

1.3 The installation of lock cylinders must be executed in such a manner, that when the key has been properly removed from the cylinder that no external force can be transferred to the cam or in the turning direction of the locking bar.

1.4 For humid or refrigerated rooms, outside use, use in marine environments or for use environs with aggressive, corrosion agents, the lock cylinders must be specified in the appropriate special configuration. The same applies for lock cylinders that are heavily exposed to dust. In such cases weather caps or protective rosettes shall be used. Electronic or mechatronic products may only be used in such environments in consent with the manufacturer.

1.5 Usually a double cylinder with two locking sides can not be operated if a key has been inserted into the other side of the lock cylinder. If this should be possible, select a lock cylinder with the respective function (BSZ ... Double Key Override).

1.6 For correct use of the key, apply force to key only when it has been completely inserted into the keyway and has reached the stop.

1.7 Lock cylinders and keys form a functional unit. We can only hold our liability for our original products only.

1.8. Replacement keys for lock cylinders must be checked for correct function in the respective lock cylinder immediately upon receipt. Mechatronical access media must be programmed for its intended functions.

2. Misuse
Misuse - incorrect product use of lock cylinders/access systems or keys/media occurs if:

2.1 tools such as nails, pliers, or others are used on the key bow to increase torque.

2.2 the key is used as a lever handle to open a door. The key is not suited for use in place of door furniture (knob, lever handle, rigid handle etc.)

2.3 the lock cylinder is operated with falsified, bent, damaged or badly worn keys.

2.4 it has been attempted to unlock the cylinder with picking tools, other objects or unauthorized duplicate keys.

2.5 if foreign objects are found in the keyway or on the key itself or if the maintenance guidelines have not been followed.

3. Product performance
Product performance is stated in our catalogues, brochures and product descriptions. The life cycle (security and function) of a lock cylinder is about 10-15 years, depending on the application frequency of use. The cylinder are tested to 100,000 locking cycles minimum. This corresponds to approximately 15-18 locking cycles per day during 15 years. It is possible that a lock cylinder can become defective after a short period of time if it is not operated and maintained properly. The life cycle of mechatronical/digital locks and access systems are specified in the respective technical documentation. Lock cylinders and keys/access media must be replaced, especially if the key cannot be freely inserted and retracted, in spite of correct maintenance.

4. Preventive maintenance
Lock cylinders should be treated according to the requirments, but at least twice a year using our recommended cleaning agent (dormakaba Cleaner). Additionally, a function control should be carried out. Principally lock cylinders may never be treated with resinated substances (e.g. oil).

5. Information and instructions
The following documents contain information and instruction obligations and services available for licensees, locksmiths, architects, planners, advisory institutions, contractors or consumers:
- Catalogues, brochures
- Master key plans
- Instructions for installation and operation and maintenance
- Training documentation for a selection of lock cylinders (after training completion)

5.1 for architects, planners and advisory institutions, all required production information must be requested from us and adhered to.

5.2 for locksmith partners, licensees and contractors all product information shall be followed and required operation and maintenance instructions shall be requested from us and passed on to subcontractors and/or users.

5.3 dormakaba reserves the right to change or supplement the above mentioned information at any time.

Subject to changes without prior notice.
Copyright by dormakaba Austria GmbH.

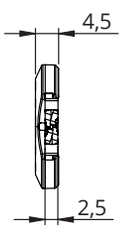
Keys with Systems and Clips

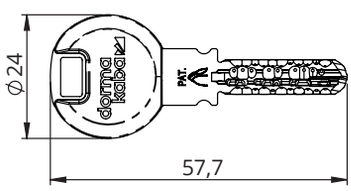
Smartkey (SK) – with SK Clip

Application
The Smartkey type SK is the standard key form for all dormakaba reversible key systems EU.

Smartkeys can be equipped with an RFID transponder clip for combination with mechatronic and electronic access control systems. Details see EAD product catalogue.

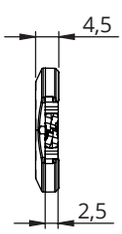
Specification
- All dormakaba reversible keys are made of high-quality nickel silver.
- Key blanks are manufactured exclusively at the dormakaba production sites in Austria and Switzerland.

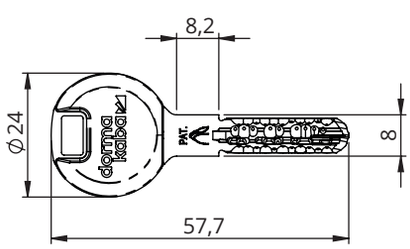




Included with the cylinder
- SK key with SK coloured clip for finished machined keys
- SK key without SK coloured clip for key blanks

Order example
expert plus (K83)/ZSL/SK/... key options
Key options as follows:





Neck milled to 8 mm width, AK653

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
expert (S) (K56)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
eco (K82)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.0 (K50S)
quattro 1.1 (K51)
gemini plus (K81)
gemini S (K53)
gemini T (K54)

Keys with Systems and Clips

Smartkey (SK) – with SK Clip

System type
Replacement key (NB)
Key blank (SR)
Dealer key (DEA)
Dealer replacement key (DEANB)

Bow form
Smartkey with hardened key tip (SK-AK921)

Surface finish key
Nickel silver (NS)
Nickel-plated chemically (NIC)
NIC is not available for cross systems.

Style clip
12 SK clips available. Details see following pages.

Key width
8 mm (AK653)

Key neck milled to 8 mm width for easier insertion in security rosettes and gear-operated door locks.
May not be used with:
- gemini plus (K87)
- quattro plus (K85)
- penta (K84)
- penta cross (K90)
- expert cross (K89)
- eco plus (K88)

Access function
Key with duplo function (DF)
Key with SAT function (SAT)
Access functions are only available for limited technical systems. See chapter 'Special functions'.

Construction time function
BAZ double life change key (BAZ-U)
BAZ3 triple life change key A (BAZ3-UA)
BAZ3 triple life change key B (BAZ3-UB)
Construction time function is only available for limited technical systems. See chapter 'Special functions'.

Key hierarchy
Single key (ES)
Main group key (HGS)

Keys with Systems and Clips

Smartkey (SK) – with SK Clip

Clip colour base

Clip code 51 purple (51-DP)	
Clip code 52 black (52-BK)	
Clip code 53 yellow (53-YE)	
Clip code 54 green (54-DG)	
Clip code 55 red (55-DR)	
Clip code 56 blue (56-BL)	
Clip code 57 white fluorescend (57-WF)	

Keys with Systems and Clips

Smartkey (SK) – with SK Clip

Clip colour base	
Clip code 70 light red (70-LR)	
Clip code 71 light green (71-LG)	
Clip code 72 light blue (72-LB)	
Clip code 73 light purple (73-LP)	
Clip code 74 orange (74-OR)	

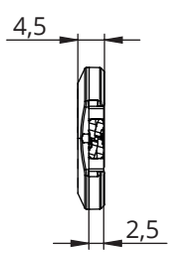
Keys with Systems and Clips

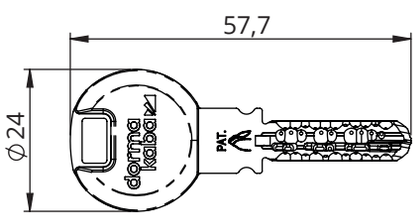
Smartkey (SK) – with CC Curved Clip

Application
The Smartkey type SK is the standard key form for all dormakaba reversible key systems EU.

Curved clips (CC) are exclusively available for penta cross (K90) and penta (K84) only and are standard for these systems. The clips are manufactured in high-precision injection mould processes with two plastic components.

Smartkeys can be equipped with an RFID transponder clip for combination with mechatronic and electronic access control systems. Details see EAD product catalogue.





Specification
- All dormakaba reversible keys are made of high-quality nickel silver.
- Key blanks are manufactured exclusively at the dormakaba production sites in Austria and Switzerland.

Included with the cylinder
- SK key with coloured CC clip for finished machined keys
- SK key without CC coloured clip for key blanks

Order example
penta (K84)/ZSL/SK/... key options
Key options as follows:

Technical system
penta cross (K90)
penta (K84)

System type
Replacement key (NB)

Surface finish key
Nickel silver (NS)
Nickel-plated chemically (NIC)
NIC is not available for cross systems.

Access function
Key with duplo function (DF)
Not available for cross systems

Construction time function
BAZ double life change key (BAZ-U)
BAZ3 triple life change key A (BAZ3-UA)
BAZ3 triple life change key B (BAZ3-UB)
Not available for cross systems

Keys with Systems and Clips

Smartkey (SK) – with CC Curved Clip

Key hierarchy
Single key (ES)
Main group key (HGS)

Keys with Systems and Clips

Smartkey (SK) – with CC Curved Clip

Clip colour base	
Clip code 51 purple (51-DP)	
Clip code 52 black (52-BK)	
Clip code 53 yellow (53-YE)	
Clip code 54 green (54-DG)	
Clip code 55 red (55-DR)	
Clip code 56 blue (56-BL)	
Clip code 70 light red (70-LR)	

Keys with Systems and Clips

Smartkey (SK) – with CC Curved Clip

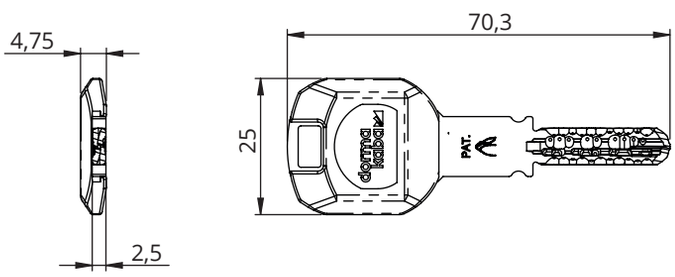
Clip colour base	
Clip code 71 light green (71-LG)	
Clip code 72 light blue (72-LB)	
Clip code 73 light purple (73-LP)	
Clip code 74 orange (74-OR)	
Clip code 80 white (80-WH)	

Keys with Systems and Clips

Largekey Clip (LK) – with LK Clip

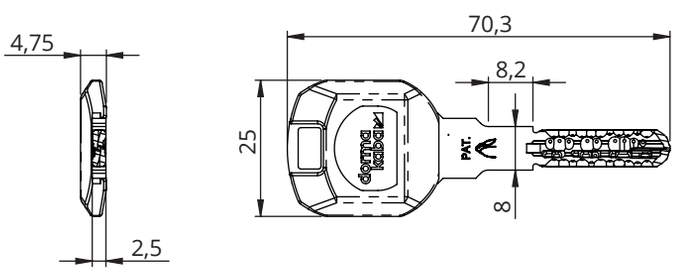
Application
The large bow clip eases the operation of multiple-point locks and has a longer neck for security door furniture. LK clips offer the opportunity to individualise keys with stickers in the recess in the middle of the clip. Available on request.

Specification
- All dormakaba reversible keys are made of high-quality nickel silver.
- Key blanks are manufactured exclusively at the dormakaba production sites in Austria and Switzerland.



Included with the cylinder
- LK key with LK coloured clip for finished machined keys
- LK key without LK coloured clip for key blanks

Order example
expert plus (K83)/ZSL/LK/... key options
Key options as follows:



Neck milled to 8 mm width, AK653

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
expert (S) (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
gemini plus (K81)
gemini S (K53)
gemini T (K54)

System type
Replacement key (NB)
Key blank (SR)
Dealer key (DEA)
Dealer replacement key (DEANB)

Keys with Systems and Clips

Largekey Clip (LK) – with LK Clip

Surface finish key
Nickel silver (NS)
Nickel-plated chemically (NIC)

Style clip
Clip Smartkey (SK)
Reelax (AK802)

Key width
8 mm (AK653)

Key neck milled to 8 mm width for easier insertion in security rosettes and gear-operated door locks.
May not be used with:
- gemini plus (K87)
- quattro plus (K85)
- penta (K84)
- penta cross (K90)
- expert cross (K89)
- eco plus (K88)

9.5 mm (AK802)
Key neck milled to 9.5 mm width for easier insertion in security rosettes and gear-operated locks.
- Only available in systems expert plus (K83) and expert (K56)

Cannot be used with:
- Service function

Access function
Key with duplo function (DF)
Key with SAT function (SAT)
Access functions are only available for limited technical systems. See chapter 'Special functions'.

Construction time function
BAZ double life change key (BAZ-U)
BAZ3 triple life change key A (BAZ3-UA)
BAZ3 triple life change key B (BAZ3-UB)
Construction time function is only available for limited technical systems. See chapter 'Special functions'.

Key hierarchy
Single key (ES)
Main group key (HGS)

Keys with Systems and Clips

Largekey Clip (LK) – with LK Clip

Clip colour base

Clip code 01 dark red (01-DR)	
Clip code 02 light red (02-LR)	
Clip code 03 dark green (03-DG)	
Clip code 04 light green (04-LG)	
Clip code 05 dark blue (05-DB)	
Clip code 06 light blue (06-LB)	
Clip code 07 light yellow (07-YE)	

Keys with Systems and Clips

Largekey Clip (LK) – with LK Clip

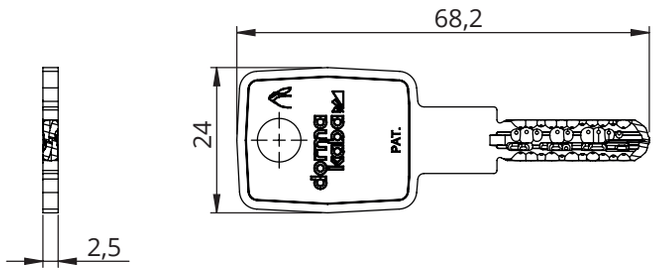
Clip colour base	
Clip code 08 dark purple (08-DP)	
Clip code 09 light purple (09-LP)	
Clip code 10 black (10-BK)	
Clip code 11 white fluorescent (11-WF)	
Clip code 14 orange (14-OR)	

Keys with Systems and Clips

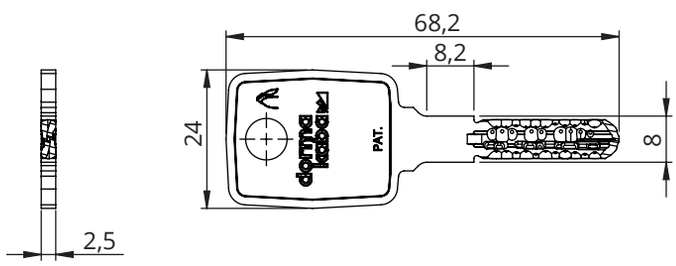
Long Bow Key (LR)

Application
An especially robust key for use in mechanical serial and master key systems. The large bow eases the operation of multiple-point locks and has a longer neck for security door furniture.

Specification
- All dormakaba reversible keys are made of high-quality nickel silver.
- Key blanks are manufactured exclusively at the dormakaba production sites in Austria and Switzerland.



Order example
expert plus (K83)/ZSL/LR/... key options
Key options as follows:



Neck milled to 8 mm width, AK653

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
expert (S) (K56)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

System type
Replacement key (NB)
Key blank (SR)
Dealer key (DEA)
Dealer replacement key (DEANB)

Keys with Systems and Clips

Long Bow Key (LR)

Surface finish key
Nickel silver (NS)
Nickel-plated chemically (NIC)

Key width
8 mm (AK653)

Key neck milled to 8 mm width for easier insertion in security rosettes and gear-operated door locks.
May not be used with:
- gemini plus (K87)
- quattro plus (K85)
- penta (K84)
- penta cross (K90)
- expert cross (K89)
- eco plus (K88)

Access function
Key with duplo function (DF)
Key with SAT function (SAT)
Access functions are only available for limited technical systems. See chapter 'Special functions'.

Construction time function
BAZ double life change key (BAZ-U)
BAZ3 triple life change key A (BAZ3-UA)
BAZ3 triple life change key B (BAZ3-UB)
Construction time function is only available for limited technical systems. See chapter 'Special functions'.

Key hierarchy
Single key (ES)
Main group key (HGS)

Keys with Systems and Clips

Round Key Bow (RR)

Application
The original Kaba reversible key design is only offered in selected legacy systems.

Specification
- All dormakaba reversible keys are made of high-quality nickel silver.
- Key blanks are manufactured exclusively at the dormakaba production sites in Austria and Switzerland.

Order example
gemini (K50)/ZSL/RR/... key options
Key options as follows:

Technical system
- **Legacy systems**
quattro plus (K58)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini T (K54)
gemini S (K53)
gemini (K50)

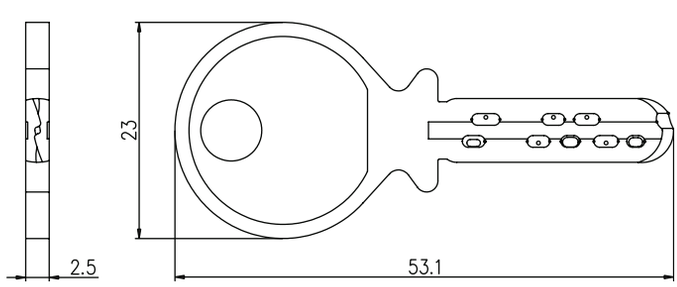
System type
Replacement key (NB)
Key blank (SR)
Dealer key (DEA)
Dealer replacement key (DEANB)

Surface finish key
Nickel silver (NS)
Nickel-plated chemically (NIC)

Style clip
Knobkey (KS)

Access function
Key with duplo function (DF)
Key with SAT function (SAT)
Access functions are only available for limited technical systems. See chapter 'Special functions'.

Construction time function
BAZ double life change key (BAZ-U)
BAZ3 triple life change key A (BAZ3-UA)
BAZ3 triple life change key B (BAZ3-UB)
Construction time function is only available for limited technical systems. See chapter 'Special functions'.



Keys with Systems and Clips

Round Key Bow (RR)

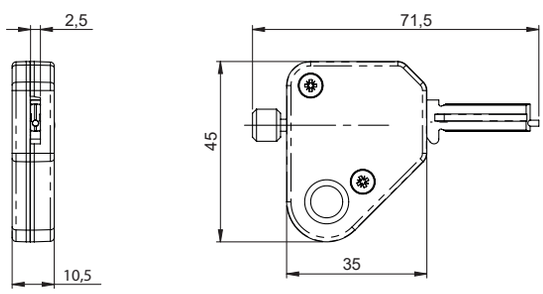
Key hierarchy
Main group key (HGS)
Single key (ES)

Keys with Systems and Clips

Emergency Override Key (GF)

Application
Anywhere personal privacy is required and at the same time the highest degree of safety for emergency situations must be guaranteed.

If a key is inserted on the inside and turned, a normal key cannot open the door from the outside. The emergency key allows doors to be opened even if a key has been inserted on the inside. In comparison to the priority function (see chapter 'Special functions'), the emergency key is specially managed and registered and is equipped with a special clip.
N.B. The emergency key function is available for both master key systems as well as for serial keyings.



Specification
- The key itself must be ordered separately.
- All dormakaba reversible keys are made of high-quality nickel silver.
- Key blanks are manufactured exclusively at the dormakaba production sites in Austria and Switzerland.

Order example
expert plus (K83)/ZSL/GF/... key options
Key options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
eco (K82)
expert (S) (K56)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

Keys with Systems and Clips

Emergency Override Key (GF)

System type
Replacement key (NB)
Key blank (SR)

Bow form
Emergency key GF (AK840)
Emergency key GF (AK807)
Emergency key GF (AK576)
Emergency key GF (AK527)
Emergency key GF (AK353)

Surface finish key
Nickel silver (NS)
Nickel-plated chemically (NIC)

Key hierarchy
Single key (ES)
Main group key (HGS)

Special Functions

K.SAT | Secure Access Temporary

Application
For doors requiring temporary access – for example, in private homes, apartments, small businesses and doctors' practices -for dog-sitters, babysitters, gardeners and craftsmen.

Function
The system consists of a proprietor key and a service key. When the proprietor key has been retracted to the 8 o'clock position (e.g. by the home owner), the door can be opened with the service key.

If the proprietor key has been retracted to the 6 o'clock positoin, the door cannot be opened from the outside with the service key.

If the service function is active and has been locked from the inside with the service key, the proprietor can still unlock the door from the outside, even if the service key is still inserted in the lock cylinder on the inside. The proprietor always has access.

Notes
- The SAT change function between standard and service mode is available for the following cylinder types (SAT2):
Double cylinder (DZ)
Thumbturn cylinder (DKZ)
Single cylinder (HZ)

- The SAT locking function for the service key (without the change function) is available for further selected cylinder types (as SAT1 option indicated in the respective cylinder types)

It is available for the following technical systems:
- expert plus (K83) and expert (K56) – suitable for private homes, apartments, practices and small businesses
- quattro plus (K85) – suitable for master key systems

Equipped with double key override coupling, standard (BSZ)

Key identification:
- Proprietor key marked 01; please indicate clip colour when ordering
- Service key marked SAT-01; please indicate clip colour when ordering

6 o'clock position (blue) – 8 o'clock position (red) for service key

Special Functions

K.SAT | Secure Access Temporary

Order example

- expert plus (K83)/DZ/30/30/NI/SAT2A-SAT1B ... with activable service function on the cylinder outside
- expert plus (K83)/DZ/30/30/NI/SAT1A-SAT1B ... service key authorised on sides A and B, no change function
- quattro plus (K85)/DKZ/35/30/RK/NI/SAT2 ... with activable service function on the cylinder outside
- quattro plus (K85)/BMZ/1031/NI/SAT1 ... service key authorised on sides A and B, no change function

Possible combinations with other special functions see chapter System Description "Combination Options - Special Functions"

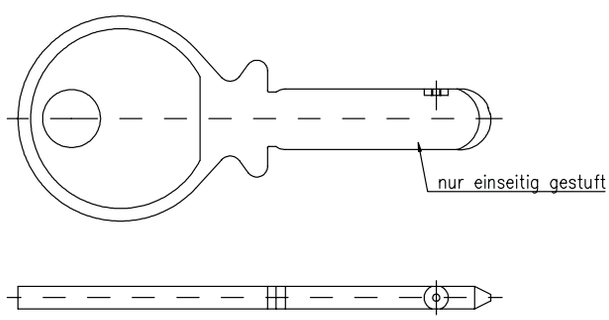
Special Functions

K.BAZ | Construction Time Function

Application
For building projects in which during the construction phase, controlled access for craftsmen to certain areas or rooms of the building must be provided. During this time, the end user can also access these cylinders with his key.
For a quick change of authorisation in the case of key loss – without replacing the lock cylinder.

Function
For the BAZ cylinder, there are up to three generations of keys and the appropriate changing keys. By changing the code of the cylinder with the changing key, the authorisation of the current key generation is revoked. Now only the keys of the subsequent generation are authorised.

BAZ: two key generations, one changing key
BAZ3: three key generations, two changing keys



Notes
The changing key is only used to change the code of the cylinder and may not be used either as a construction key nor as an end user key.

Keys of the following generations are also authorised in the preceding generations.

User instructions are provided for BAZ/BAZ3 cylinders.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../BAZ/... in the order code
Short text .../BAZ3/... in the order code

Special Functions

K.DF | Duplo Function

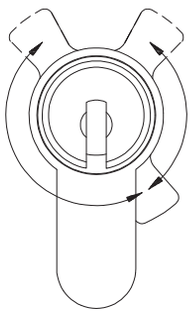
Application
Temporary access for certain building areas and rooms, such as personnel doors or single offices.

Function
The personnel key operates only the latch of the mortise door lock and opens the door only if it has been unlocked beforehand (e.g. at opening time). Only the proprietor key operates the bolt to lock and unlock the door.

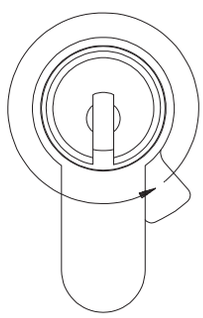
Notes
- Only available for factory systems (in product lines penta, quattro and gemini – and with the exception of penta cross (K90))
- Not available for thumbturn cylinders
- Mortise door locks must be equipped with the key latch retraction function
- Not suitable for automatic bolting locks (panic locks)
- This function can only be used on one side. When ordering, cylinder side has to be defined (see order example)

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order example
quattro plus (K85)/DZ/30/30/NI/.../DF_A/...
penta (K84)/DZ/30/40/CR/.../DF_B/...



The normal key (personnel) can only retract the latch.



The duplo key turns 360° and operates the bolt.

Special Functions

K.BSZ | Double Key Override (key override from both sides)

Application
The BSZ function can be used in many applications, such as in apartment buildings, private homes, nursing homes, hospitals and commercial buildings.

Function
The double key override function enables a door to be opened regardless of whether or not a key is inserted and turned from the other side with an authorised key. The key on the opposite side is turned by the override key. The function is given on both sides of the cylinder.

Notes
The key on the opposite side is turned along with the override key. Please take care that the inserted key is not on a large key ring, as this may lead to complications.

The BSZ function is a convenience feature and not security equipment!

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../BSZ/... in the order code

Special Functions

K.PF | Priority Function (key override from one side)

Application
For schools, hospitals, industries and correctional institutions, ... always when unwanted lockout should be prevented (e.g. by holding the thumbturn knob on the inside of the door).

Function
Every authorised key on the PF (priority function) side has priority over an inserted key or thumbturn knob on the opposite side. These do not turn along with the authorised key when locking or unlocking.

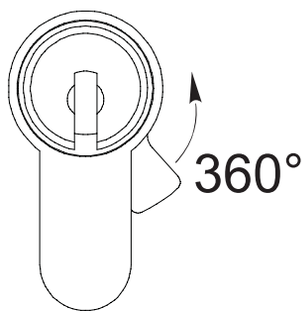
Notes
The priority function can only be used on one side of the cylinder. The PF function side is marked by an X on the cylinder housing for unambiguous identification when installing the cylinder.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../PF_A/... in the order code
Short text .../PF_B/... in the order code

Special Functions

K.FZG | Freewheel Cylinder for Gear-Operated and Panic Locks



Application
For gear-operated and panic door locks.

Function
The FZG lock cylinder configuration assures that the cam of the cylinder can always be turned freely, even after key retraction and also if pressure is applied to the cam when operating an emergency push bar.

Notes
For emergency exit locks, it is important to consider the special requirements placed on the lock cylinder. These requirements can be taken from the certificate of conformity of the respective lock types and must be strictly adhered to.

Double cylinders with FZG function are automatically equipped with the BSZ function; see chapter 'Special functions – BSZ (double key override)'.

Double cylinders (DZ) are available with an overall length of 70 mm (e.g. 35/35 mm).
Thumbturn cylinders (DKZ) are available with an overall length of 65 mm (e.g. 35/30 mm).
For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../FZG/... in the order code

Special Functions

K.GF | Emergency Key Function

Application
Anywhere personal privacy is required and at the same time the highest degree of safety for emergency situations must be guaranteed (e.g. in nursing homes).

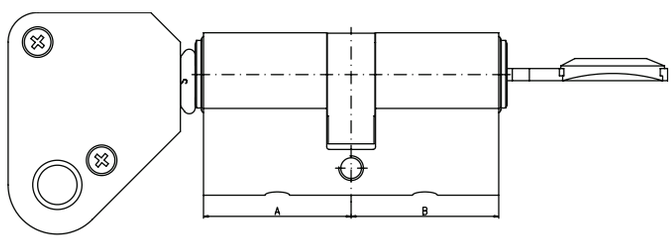
Function
The emergency key coupling enables the door to be unlocked even if a key is inserted and turned on the opposite side – however not with a standard key, but with a specially managed and registered emergency key.

Notes
The emergency key must always be ordered separately (see chapter 'Keys with Systems and Clips').

The emergency key function always works on both sides of the cylinder.

The key on the opposite side is turned along with the emergency key.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"



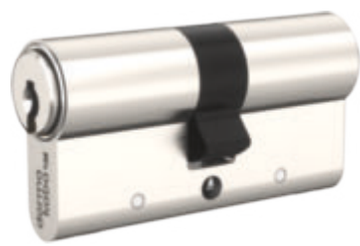
Order code system
Short text .../GF/... in the order code

Special Functions

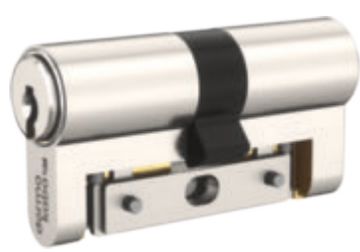
K.LAM | Steel Reinforcement Plate

Application
For doors with high security requirements

Function
Hardened steel plates reinforce the housing yoke.
Cylinders with steel reinforcement fulfil the requirements of Attack Resistance Grade D of EN1303:2015-08.
(Classification key: 1/6/0/B/0/C/6**/D)**



Notes
Cylinders with steel reinforcement must be secured with high-tension fastening screws
M5 × 80 (8.8) in the door lock (included with the cylinder).



This option is not available for single cylinders. In this case, please use the option pulling protection pin (ZS).

The cylinder housing is available in all standard surface finishes; the steel reinforcement plates are nickel-plated.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../LAM/... in the order code

Special Functions

K.VdS | VdS Certification

Application
Doors with increased security requirements against drilling and pulling are certified by the German test institute VdS Schadenverhütung GmbH (VdS = Vertrauen durch Sicherheit/Inspected-Approved-Safe; http://vds.de/en/).

Function
Increased drilling protection is achieved with up to seven hard-metal pins in the insert, two hardened metal pins with hardened insert fastening screws and an additional insert fastening screw in the housing.

VdS Grade B: the test requirements are met with the insertion of the hardened metal pins

VdS Grade BZ: the basis is the cylinder with steel-reinforced housing. By using additional steel elements in the housing and the insert, the highest test requirements against drilling and pulling are achieved (tested with hard-metal drills and a pulling force of 15 kN).

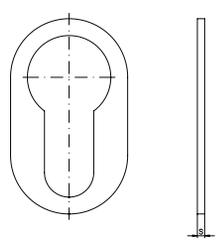
Notes
This option is not available for single cylinders. In this case, please use the option pulling protection pin (ZS).

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../VdSB/... in the order code
Short text .../VdSBZ/... in the order code

Special Functions

K.ZS | Pulling Protection Pin



Application
For doors with high security requirements

Function
The cylinder equipped with pulling pins can absorb pulling forces up to 15 kN. The prerequisite is the use of security door hardware with distance plates to fill the empty space between the pulling pin and the door hardware. Distance plates must be ordered separately.

Notes
For this function, the cylinder side must be specified. Please specify the respective cylinder sides for the ZS function when ordering.

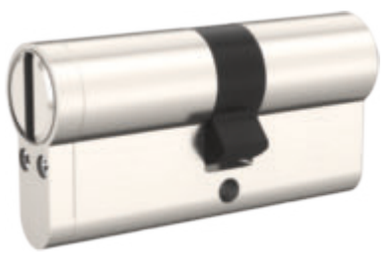
This function is intended for single cylinders (HZ); as with double and thumbturn cylinders for increased pulling protection, the function LAM is usually preferred.

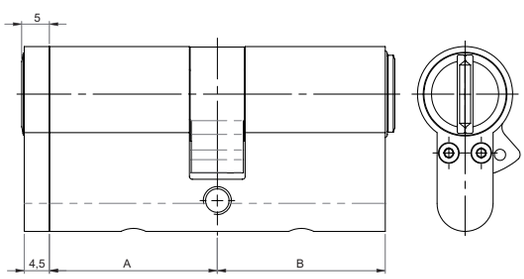
For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../ZS-A/... in the order code

Special Functions

K.SSW | Dust and Splash Protection





Application
For all mortise door locks in Euro profile requiring protection against adverse weather and dust.

Function
Cylinders with dust and weather protection are equipped with two turnable and springloaded plates on the front side of the cylinder. The plates are made of weather-resistant plastic and prevent dust or rainwater from penetrating the cylinder.

Hinweise
This function is side dependent. Please specify the appropriate side of the cylinder when ordering the SSW function. It can be equipped on both sides.

If door hardware with a cylinder cover and pulling protection is used, depending on the type of door hardware, a key with a longer neck (LR or LK) is required.

For possible combinations with other special functions, see chapter 'System description, Special functions'.

Order code system
Short text .../SSW-A/... in the order code
Short text .../SSW-B/... in the order code
Short text .../SSW-AB/... in the order code

Special Functions

K.SIS | Dust and Insect Protection

Application
For selected lock cylinders requiring increased protection against filth penetration and insects. Not restricted to Euro profile cylinders, as the SIS unit is assembled on the insert. Release for other cylinder types on request.

Function
The key canal is covered by two plates and opened by inserting the key. This offers effective protection against the penetration of filth and insects. The SIS unit can be easily retrofitted. Only the cylinder insert must be replaced.

Notes
This function is side dependent. Please specify the appropriate cylinder side on which SIS is required when ordering. This function can be equipped on both cylinder sides.

Available with EN1303-B/C/D, DIN18252-82 BZ/BS
Not available with: VdS-Cylinder, SKG***

The SIS unit is always manufactured with the surface finish chemically nickel-plated (NIC) independent of the cylinder.

SIS is available with all key bow types (SK, LK and LR) except for round bow (RR).

For possible combinations with other special functions, see chapter 'System description, Special functions'.

Order code system
Short text .../SIS-A/... in the order code
Short text .../SIS-B/... in the order code
Short text .../SIS-AB/... in the order code

Special Functions

2004 K.2004 | Insert Weather Protection Cap

Application
For lock cylinders subject to weather. This protects the cylinder insert from the effects of weather and dust.

Installed in the factory with two screws on the face of the insert. The 2004 cap can be used with all cylinder profiles, camlocks, padlocks, key switch cylinders, etc.

Notes
This function is side dependent. Please state the appropriate side for the 2004 cap when ordering. It is possible to order the cap on both cylinder sides.

Material: black plastic – the cap can be opened and closed by pressing it with the thumb.

For possible combinations with other special functions, see chapter 'System description, Special functions'.

Order code system
Short text .../2004-A/... in the order code
Short text .../2004-B/... in the order code
Short text .../2004-AB/... in the order code

Cap open

Cap closed

Special Functions

K.KT | Contact Pin

Application
For applications requiring recognition, whether a key is inserted or not (e.g. elevators)

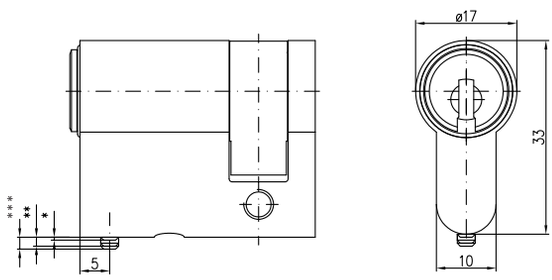
Function
When a key is inserted in the keyway, a contact pin protrudes downward and makes an electrical contact, which signalises the inserted key. The contact signal is transmitted when the cylinder is unlocked or locked.

Notes
The switch is not included with the cylinder.

The function can be ordered for either side A or B. It is not available for both sides.

For possible combinations with other special functions, see chapter 'System description, Special functions'.

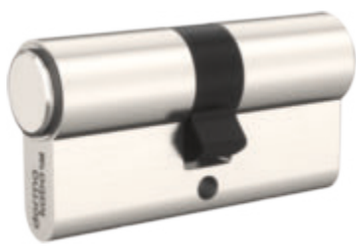
Order code system
Short text .../KT-A/... in the order code
Short text .../KT-B/... in the order code



* Ausschaltpunkt 0..0,5mm
** Einschaltpunkt 0,5 .. 1,5mm
*** Einschaltüberlauf min. 2mm

Special Functions

K.BL | Blind on One Side of the Cylinder



Application
For all mortise door lock double cylinders and thumbturn cylinders requiring no key on one side of the door.

Function
Instead of an insert, a blind plug is installed in the selected side of the cylinder.

Notes
The function is available for either side A or B. It is not available for both sides.

This function is not be confused with the blind cylinder in the chapter 'Mortise door lock cylinders' (see types K.BDZ, K.BHZ and K.BDKZ).

Order code system
Short text .../BL-A/... in the order code
Short text .../BL-B/... in the order code

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DZ | Double Cylinder, Euro Profile

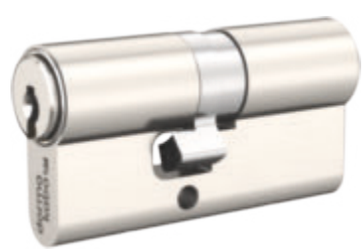
Application
For all mortise door locks in Euro profile. The cam operates the bolt and latch in door locks with key latch operation.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Cam type 1414-3
- Reversible key made from nickel silver

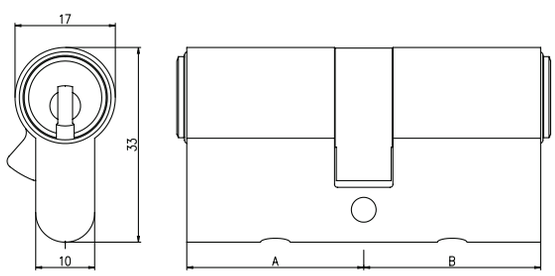
Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

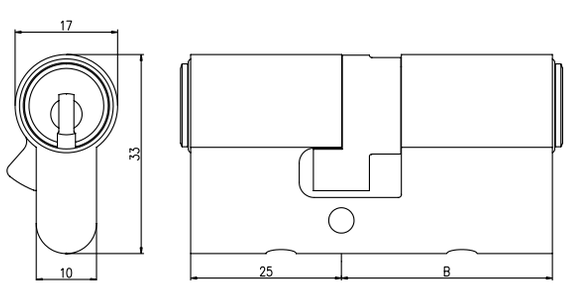
Order example
- penta (K84)/DZ/30/30/NI/... cylinder options
- expert plus (K83)/DZ/25/45/CRM/... cylinder options

Cylinder options as follows:



Short cylinder





Short cylinder A = 25 mm

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DZ | Double Cylinder, Euro Profile

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 17 mm EU
- **Standard lengths per side:**
30 to 100 mm in 5 mm steps
- **Special lengths per side:**
From 105 mm in 5 mm steps
- **Short cylinder:**
One cylinder side 25 mm, minimum total length of 60 mm

The first length in the order code is always referring to the outside of the cylinder.

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Brass, polished unlacquered (MP-UNL)
Brass, full polished (MP-FULL)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Coupling function
Double key override (BSZ)
Priority function side A (PF-A)
Priority function side B (PF-B)
Freewheel cylinder for gear operated or panic locks (FZG)
Emergency key function (GF)

Key movement
Relative movement 6-9 right (RB_6-9_R)
Relative movement 6-12 right (RB_6-12_R)
Relative movement 11-1 right (RB_11-1_R)
Relative movement 6-9 left (RB_6-9_L)
Relative movement 6-12 left (RB_6-12_L)
Relative movement 6-3 left (RB_6-3_L)

Cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Universal cam 98-4-001 (UNIV)
Cam for cylinder with relative movement (CAM_RB)

Illustrations in the following:

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Certificate/Standard side A
Without certificate (no_NORM)
EN1303-0 (EN1303-0)
EN1303-B (EN1303B)
EN1303-C (EN1303C)
EN1303-D (EN1303D)
DIN18252-B (DIN18252-B)
DIN18252-C (DIN18252-C)
DIN18252-D (DIN18252-D)
VdS-B (VdSB)
VdS-BZ (VdSBZ)
SKG** (SKG**)
SKG*** (SKG***)
a2p* (a2p*)
a2p*** (a2p***)

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DZ | Double Cylinder, Euro Profile

Drilling and pulling protection side A
Steel reinforcement plate (LAM)
Pulling protection pin (ZS-A)
Drilling protection BS1 (BS1-A)
Drilling protection BS2 (BS2-A)
Anti-drill and pulling protection BZ LAM (BZ-LAM)
Anti-drill and pulling protection BS2-ZS (BS2-ZS)
Anti-drill and pulling protection BS2-LAM (BS2-LAM)

Drilling and pulling protection side B
Drilling protection BS1 (BS1-B)
Drilling protection BS2 (BS2-B)

Access function
Duplo function side A (DF-A)
Duplo function side B (DF-B)
Duplo function side A and B (DF-AB)
Service functions SAT1 A + SAT1 B (SAT1-A_SAT1-B)
Service functions SAT2 A + SAT1 B (SAT2-A_SAT1-B)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Dust and splash protection side A (SSW-A)
Dust and splash protection side B (SSW-B)
Dust and splash protection side A and B (SSW-AB)
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)
Dust and insect protection cap SIS side A (SIS-A)
Dust and insect protection cap SIS side B (SIS-B)
Dust and insect protection cap SIS side A and B (SIS-AB)

Blind one side
One-sided blind side A (BL-A)
One-sided blind side B (BL-B)

Function hous. side A
Special length 32/48 mm, 32/43 mm (AK728)
Special length 32.5/32.5 mm (AK345)

Tumbler pins
Pins rust-free (ZH_RF)

Contact pin
Contact pin side A (KT-A)
Contact pin side B (KT-B)

Function insert side B
Hotel occupied signal pin side B (AK576-B)

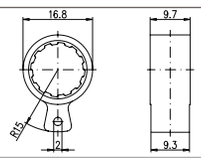
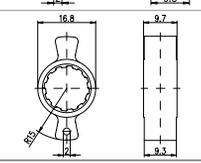
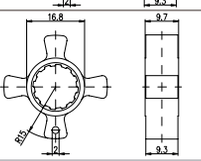
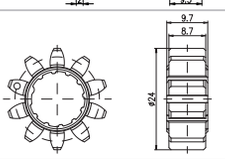
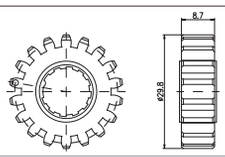
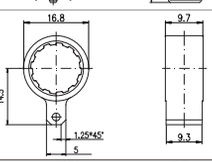
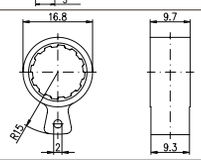
Function insert side A
Hotel occupied signal pin side A (AK576-A)

Backmilled side A
Backmilled 1 mm side A (RG1-A)
Backmilled 2 mm side A (RG2-A)
Backmilled 3 mm side A (RG3-A)
Backmilled 3.6 mm side A (RG3.6-A)
Backmilled 4 mm side A (RG4-A)
Backmilled 5 mm side A (RG5-A)
Backmilled 6 mm side A (RG6-A)
Backmilled 7 mm side A (RG7-A)
Backmilled 8 mm side A (RG8-A)
Backmilled 9 mm side A (RG9-A)
Backmilled 10 mm side A (RG10-A)
Backmilled 11 mm side A (RG11-A)
Backmilled 12 mm side A (RG12-A)

Backmilled side B
Backmilled 1 mm side B (RG1-B)
Backmilled 2 mm side B (RG2-B)
Backmilled 3 mm side B (RG3-B)
Backmilled 3.6 mm side B (RG3.6-B)
Backmilled 4 mm side B (RG4-B)
Backmilled 5 mm side B (RG5-B)
Backmilled 6 mm side B (RG6-B)
Backmilled 7 mm side B (RG7-B)
Backmilled 8 mm side B (RG8-B)
Backmilled 9 mm side B (RG9-B)
Backmilled 10 mm side B (RG10-B)
Backmilled 11 mm side B (RG11-B)
Backmilled 12 mm side B (RG12-B)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Cams - Reversible Key Systems

Order code short text	Description	Dimensional Drawing
1414-3	Standard cam	
BIFF_2nose	Biffar, 2 nosed cam	
4nose	4 nosed cam	
ZR10	Cogwheell cam z=10 with 10 teeth	
ZR18	Cogwheell cam z=18 with 18 teeth	
UNIV	Universal cam 98-4-001 (UNIV)	
CAM_RB	Cam for cylinder with relative movement	

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

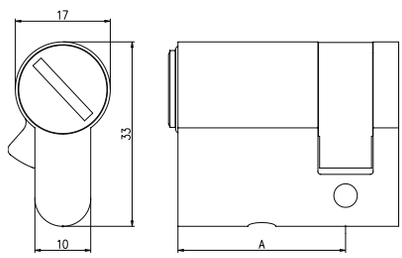
K.HZ | Single Cylinder, Euro Profile

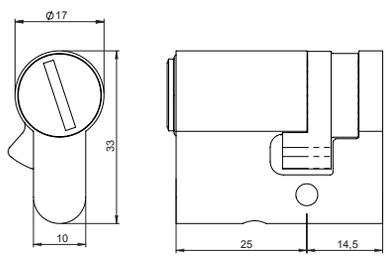
Application
For all mortise door locks in Euro profile for key operation on one side of the door. The cam
operates the latch and/or bolt of the door lock with a key latch operation function. The cam can be set in steps of 30° from 0° or 15°.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Cam type 1414-3
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- penta K84)/HZ/30/NI/... cylinder options
- expert plus (K83)/HZ/45/CRM/... cylinder options

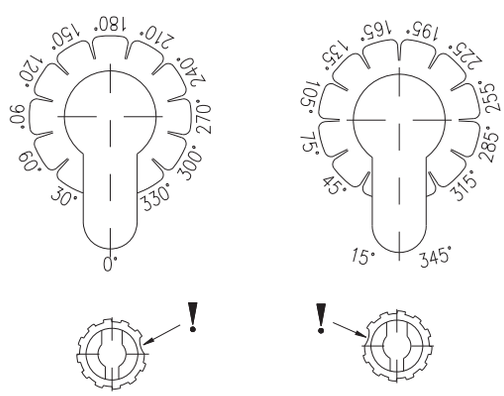




Short cylinder dim. A = 25 mm

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)



Cam positions for single cylinder

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.HZ | Single Cylinder, Euro Profile

gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 17 mm EU
- **Standard lengths:**
25 to 100 mm in 5 mm steps
- **Special lengths:**
From 105 mm in 5 mm steps

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Brass, polished unlacquered (MP-UNL)
Brass, full polished (AK830)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Coupling function
Freewheel cylinder for gear operated or panic locks (FZG)

Key movement
Selection of the start and end positions of the restricted movement (by specifying the positions using the 1–12 clock hand positions), including the direction of the turn (right/left)

Example: relative movement 6–9 right (RB_6-9_R)

Cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Universal cam 98-4-001 (UNIV)
Cam for cylinder with relative movement (CAM_RB)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Key removal
1 × 360° (1x360)
2 × 180° (2x180)
2 × 35° (2x35)

Certificate/Standard side A
Without certificate (no_NORM)
EN1303-0 (EN1303-0)
EN1303-B (EN1303B)
EN1303-C (EN1303C)
DIN18252-B (DIN18252-B)
DIN18252-C (DIN18252-C)
DIN18252-D (DIN18252-D)
VdS-B (VdSB)
VdS-BZ (VdSBZ)
SKG** (SKG**)
SKG*** (SKG***)
a2p* (a2p*)

Drilling and pulling protection side A
Pulling protection pin (ZS-A)
Drilling protection BS1 (BS1-A)
Drilling protection BS2 (BS2-A)
Anti-drill and pulling protection BS2-ZS (BS2-ZS)

Access function
Duplo function (DF)
Service function SAT1 (SAT1)
Service function SAT2 (SAT2)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Dust and splash protection side A (SSW-A)
Insert dust protection cap 2004 side A (2004-A)
Dust and insect protection cap SIS side A (SIS-A)

Blind one side
One-sided blind side A (BL-A)

Function hous. side A
Insert fastening screw in front (AK481)
Threaded boreholes on cylinder back side 2 × M3 (AK1002)
Threaded boreholes on cylinder back side 2 × M4 (AK1004)

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.HZ | Single Cylinder, Euro Profile

Tumbler pins
Pins rust-free (ZH_RF)

Contact pin
Contact pin (KT)

Backmilled side A
Backmilled 1 mm side A (RG1-A)
Backmilled 2 mm side A (RG2-A)
Backmilled 3 mm side A (RG3-A)
Backmilled 3.6 mm side A (RG3.6-A)
Backmilled 4 mm side A (RG4-A)
Backmilled 5 mm side A (RG5-A)
Backmilled 6 mm side A (RG6-A)
Backmilled 7 mm side A (RG7-A)
Backmilled 10 mm side A (RG10-A)
Backmilled 12 mm side A (RG12-A)

Cylinder fastening screw
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

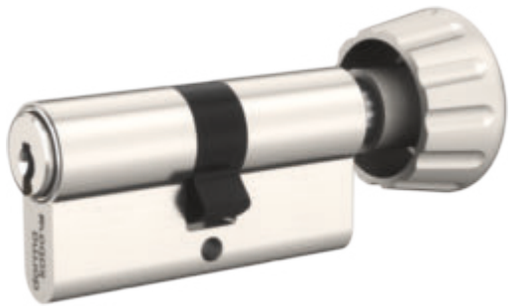
K.DKZ | Thumbturn Cylinder, Euro Profile

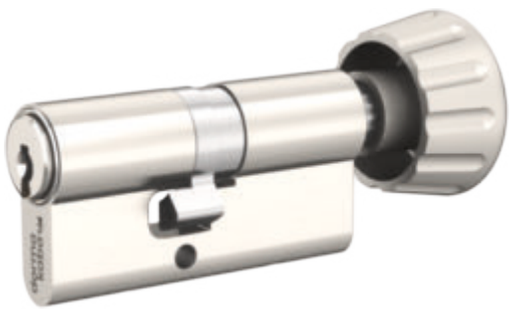
Application
For all mortise door locks in Euro profile. The thumbturn knob is installed on the inside

Specification
- Housing made from solid natural brass, surface nickel-plated
- Knob round, nickel-plated (RK) – variations, see the following pages
- Cam type 1414-3
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- penta (K84)/DKZ/30/30/NI/... cylinder options
- expert plus (K83)/DKZ/35/45/MP/... cylinder options

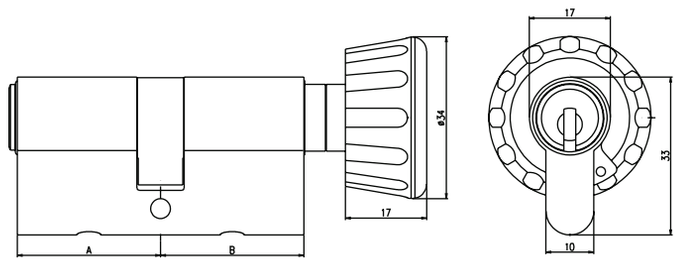


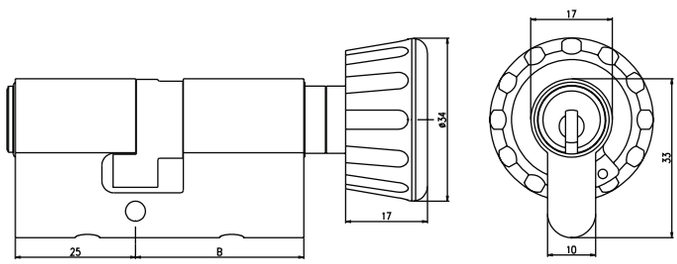


Short cylinder

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)





Short cylinder dim. A = 25 mm

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DKZ | Thumbturn Cylinder, Euro Profile

gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 17 mm EU
- **Standard lengths per side:**
30 to 100 mm in 5 mm steps
- **Special lengths per side:**
From 105 mm in 5 mm steps
- **Short cylinder:**
One cylinder side 25 mm, minimum total length of 60 mm

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Brass, polished unlacquered (MP-UNL)
Brass, full polished (MP-FULL)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Knob/thumbturn side B
Round knob (RKG)
Design thumbturn (DK)
Mega knob (MK)
Mega knob reduced (MK-AK237)
Oval knob D-line (OKD)
Oval knob (OK)
Freedom knob (FK)
Rectangular knob (EK)
Eccentric knob (DK-AK151)
Lever knob (DK-AK583)
Prison knob (DK-AK654)
Special knob design (DK-AK758)
Hewi knob (DK-HK32)

Illustrations in the following:

Coupling function
Priority function side A (PF-A)
Freewheel cylinder for gear operated or panic locks (FZG)
Hotel room function (AK527)

Key movement
Relative movement 6-12 right (RB_6-12_R)
Relative movement 9-3 left (RB_9-3_L)

Cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Universal cam 98-4-001 (UNIV)
Cam for cylinder with relative movement (CAM_RB)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Certificate/Standard side A
Without certificate (no_NORM)
EN1303-0 (EN1303-0)
EN1303-B (EN1303B)
EN1303-C (EN1303C)
EN1303-D (EN1303D)
DIN18252-B (DIN18252-B)
DIN18252-C (DIN18252-C)
DIN18252-D (DIN18252-D)
SKG** (SKG**)
SKG*** (SKG***)
a2p* (a2p*)
a2p*** (a2p***)

Drilling and pulling protection side A
Steel reinforcement plate (LAM)
Pulling protection pin (ZS-A)
Drilling protection BS1 (BS1-A)
Drilling protection BS2 (BS2-A)
Anti-drill and pulling protection BZ LAM (BZ-LAM)
Anti-drill and pulling protection BS2-ZS (BS2-ZS)
Anti-drill and pulling protection BS2-LAM (BS2-LAM)

Access function
With duplo function side A (DF-A)
Service function SAT1 (SAT1)
Service function SAT2 (SAT2)

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DKZ | Thumbturn Cylinder, Euro Profile

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Special function
Square key drive 8 mm side A (AK768)
Triangle key drive 8.1 mm (AK824)
Triangle key drive 14 mm (AK340)

Special function side B
Long knob rotor 54 mm (AK396)
Long knob rotor 70 mm (AK650)
Long knob rotor 80 mm (AK297)

Dust cover
Dust and splash protection side A (SSW-A)
Insert dust protection cap 2004 side A (2004-A)
Dust and insect protection cap SIS side A (SIS-A)

Function hous. side A
Special length 32/48 mm, 32/43 mm (AK728)
Special length 32.5/32.5 mm (AK345)

Function hous. side B
Restricted movement cylinder CW (RMC-CW)
Restricted movement cylinder CCW (RMC-CCW)

Tumbler pins
Pins rust-free (ZH_RF)

Contact pin
Contact pin side A (KT-A)

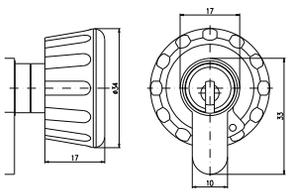
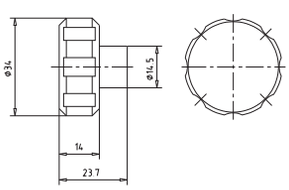
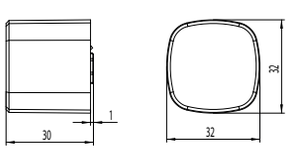
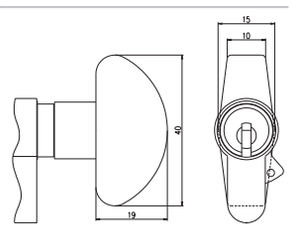
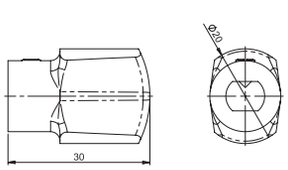
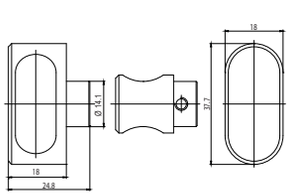
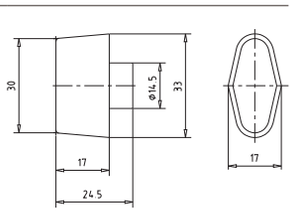
Backmilled side A
Backmilled 1 mm side A (RG1-A)
Backmilled 2 mm side A (RG2-A)
Backmilled 3 mm side A (RG3-A)
Backmilled 3.6 mm side A (RG3.6-A)
Backmilled 4 mm side A (RG4-A)
Backmilled 5 mm side A (RG5-A)
Backmilled 6 mm side A (RG6-A)
Backmilled 7 mm side A (RG7-A)
Backmilled 10 mm side A (RG10-A)
Backmilled 12 mm side A (RG12-A)

Backmilled side B
Backmilled 1 mm side B (RG1-B)
Backmilled 2 mm side B (RG2-B)
Backmilled 3 mm side B (RG3-B)
Backmilled 3.6 mm side B (RG3.6-B)
Backmilled 4 mm side B (RG4-B)
Backmilled 5 mm side B (RG5-B)
Backmilled 6 mm side B (RG6-B)
Backmilled 7 mm side B (RG7-B)
Backmilled 10 mm side B (RG10-B)
Backmilled 12 mm side B (RG12-B)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

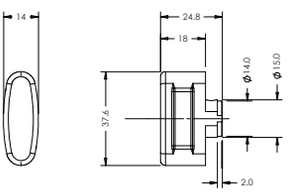
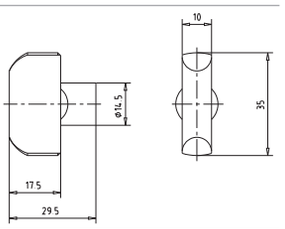
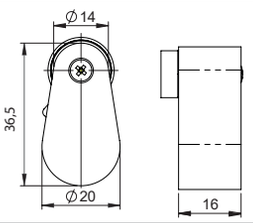
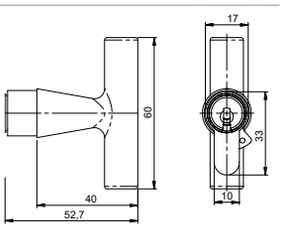
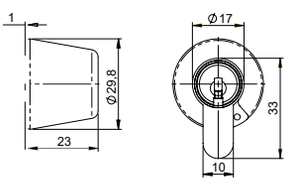
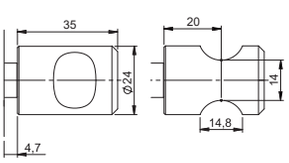
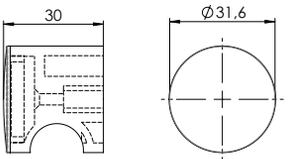
Cylinder Knobs

K.DKZ | Thumbturn Cylinders Reversible Key Systems

Order code short text	Type	Image	Dimensional drawing
RK	Round knob - Standard Surface finishes: Nickel plated (NI) Chrome plated dull (CRM) Chrome plated polished (CRP) Brass dull (MS) Brass polished (MP) Brown medium (BM)		
RKG	Round knob Surface finish: Nickel plated (NI)		
DK	Design knob Surface finish: Nickel plated (NI)		
MK	Mega knob Surface finishes: Nickel plated (NI) Brass polished (MP)		
MK-AK237	Mega knob reduced Surface finish: Nickel plated (NI)		
OKD	Oval knob D-Line Surface finish: Nickel plated (NI)		
OK	Oval knob Surface finishes: Nickel plated (NI) Chrome plated (CR) Chrome plated dul (CRM) Chrome plated polished (CRP) Brass dull (MS) Brass polished (MP) Brown dark (BD) Brown medium (BM)		

Cylinder Knobs

K.DKZ | Thumbturn Cylinders Reversible Key Systems

Order code short text	Type	Image	Dimensional drawing
FK	Freedom knob Surface finishes: Nickel plated (NI) Brown dark (BD) Brown medium (BM)		
EK	Rectangular knob Surface finish: Nickel plated (NI)		
DK-AK151	Excentric knob Surface finishes: Nickel plated (NI) Brass dull (MS) Brass polished (MP)		
DK-AK583	Lever knob Surface finish: Nickel plated (NI)		
DK-AK654	Prison door knob Surface finish: Nickel plated (NI)		
DK-AK758	Special design knob Surface finishes: Nickel plated (NI) Chrome plated (CR) Chrome plated polished (CRP)		
DK-HK32	HEWI knob Colours: red further colours on request		

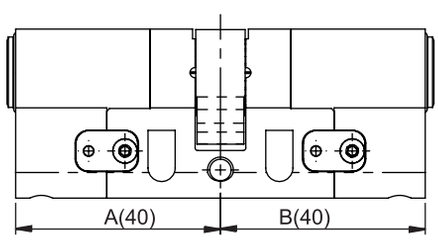
Mortise Door Lock Cylinders

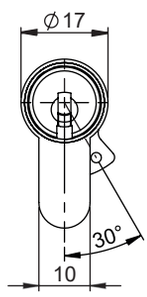
Lock Cylinders in Euro profile 17mm

K.DZ_TIC | Thermally Insulated Double Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile. The cam operates the bolt and latch in door locks with key latch operation.
Especially suitable for buildings in passive house standard and arcade doors, as condensation is hindered on the inside of the door.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Cam type 1414-3
- Reversible key made from nickel silver





Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One foam rubber seal
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- penta (K84)/DZ/TIC/40/40/NI/... cylinder options
- expert plus (K83)/DZ/TIC/35/50/MS/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DZ_TIC | Thermally Insulated Double Cylinder, Euro Profile

gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 17 mm EU
Cylinder lengths per side: 35 to 100 mm in 5 mm steps
Minimum overall length: 80 mm (minimum 35/45 or 40/40)

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)

Coupling function
Double key override (BSZ)

Cam
Standard cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Certificate/Standard side A
Without certificate (no_NORM)
EN1303-B (EN1303B)
TIC cylinders are certified according to:
- Fire resistance test EN 1634-1
- Driving rain resistance to Austrian standard ÖNORM EN 12208 Grade E1050

Construction time function
No construction key system
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Dust and insect protection cap SIS side A (SIS-A)
Dust and insect protection cap SIS side B (SIS-B)
Dust and insect protection cap SIS side A and B (SIS-AB)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

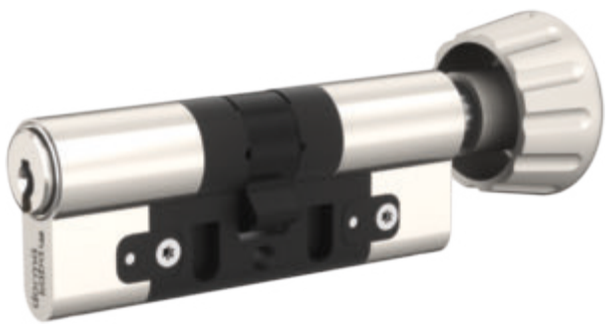
Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DKZ_TIC | Thermally Insulated Thumbturn Cylinder, Euro Profile

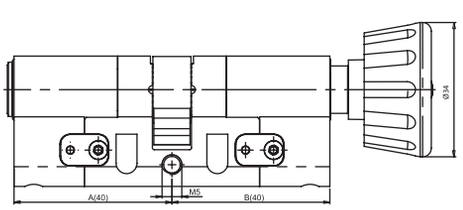
Application

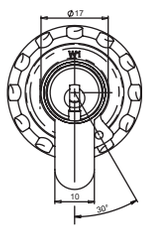
For all mortise door locks in Euro profile. The thumbturn knob is installed on the inside
Especially suitable for buildings in passive house standard and arcade doors, as condensation is hindered on the inside of the door.



Specification

- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver





Included with the cylinder

- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One foam rubber seal
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example

- penta (K84)/DKZ/TIC/40/40/NI/... cylinder options
- expert plus (K83)/DKZ/TIC/35/50/MS/... cylinder options

Cylinder options as follows:

Mortise Door Lock Cylinders

Lock Cylinders in Euro profile 17mm

K.DKZ_TIC | Thermally Insulated Thumbturn Cylinder, Euro Profile

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 17 mm EU
Cylinder lengths per side: 35 to 100 mm in 5 mm steps
Minimum overall length: 80 mm (minimum 35/45 or 40/40)

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)

Knob/thumbturn side B
Round knob - standard (RK)
Round knob (RKG)
Design thumbturn (DK)
Mega knob (MK)
Oval knob D-line (OKD)
Oval knob (OK)

For illustrations

Coupling function
Standard coupling

Cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Certificate/Standard side A
TIC cylinders are certified according to:
- Fire resistance test EN 1634-1
- Driving rain resistance to Austrian standard ÖNORM EN 12208 Grade E1050

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

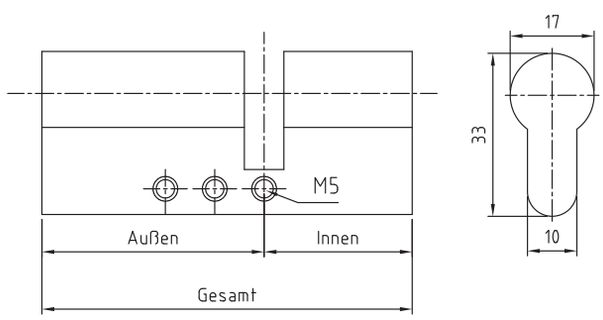
BDZ | Blind Double Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile requiring no key operation in the door

Specification
- Housing made from solid natural brass, surface nickel-plated
- Housing is supplied in solid natural brass with nickel-plating. No system designation is required. Standard blind cylinders are not drilled for inserts and are stocked in many lengths.

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm

Order example
- BDZ/30/30/NI
- BDZ/15/50/CR



Cylinder options as follows:

Length A 17 mm EU
Length per side: 15 to 200 mm in 5 mm steps

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

BHZ | Blind Single Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile requiring no key operation in the door

Specification
- Housing made from solid natural brass, surface nickel-plated
- Housing is supplied in solid natural brass with nickel-plating. No system designation is required. Standard blind cylinders are not drilled for inserts and are stocked in many lengths.

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm

Order example
- BHZ/25/NI
- BHZ/55/CR

Cylinder options as follows:

Length A 17 mm EU
Length per side: 25 to 120 mm in 5 mm steps

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

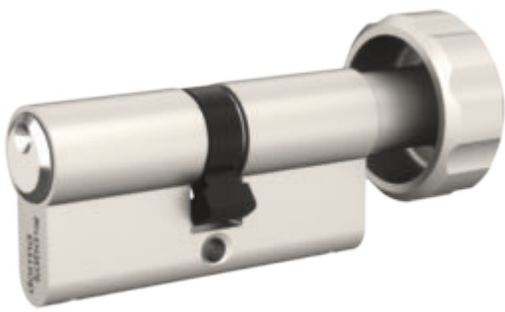
Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

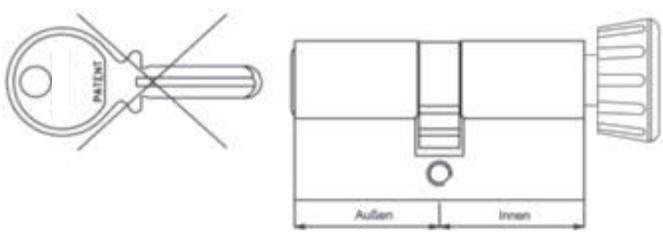
2090000274 K.BDKZ | Blind Thumbturn Cylinder, Euro Profile

Specification
- Housing made from solid natural brass, surface nickel-plated



Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions

Order example
- K/BDKZ/30/30/NI/... cylinder options
- K/BDKZ/25/45/MP/... cylinder



Cylinder options as follows:

Length A Ø 17 mm EU
- **Standard lengths per side:**
30 to 100 mm in 5 mm steps
- **Special lengths per side:**
From 105 mm in 5 mm steps
- **Short cylinder:**
One cylinder side 25 mm, minimum total length of 60 mm

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Knob/thumbturn side B
Round knob - standard (RK)
Round knob (RKG)
Design thumbturn (DK)
Mega knob (MK)
Mega knob reduced (MK-AK237)
Oval knob D-line (OKD)
Oval knob (OK)
Freedom knob (FK)
Rectangular knob (EK)
Eccentric knob (DK-AK151)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

2090000274 K.BDKZ | Blind Thumbturn Cylinder, Euro Profile

Lever knob (DK-AK583)
Prison knob (DK-AK654)
Special knob design (DK-AK758)
Hewi knob (DK-HK32)

For illustrations

Cam
Standard cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 10 (ZR10-AK616)
Cogwheel cam z = 10 (ZR10-AK647)
Cogwheel cam z = 14 (ZR14-AK617)
Cogwheel cam z = 18 (ZR18)
Universal cam 98-4-001 (UNIV)
Cam for cylinder with relative movement (CAM_RB)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Special function side B
Long rotor 40 mm (AK297)
Long knob rotor 54 mm (AK396)
Long knob rotor 70 mm (AK650)
Long knob rotor 80 mm (AK297)
Triangle key 14 mm (AK340)
Square key 6 mm (AK964)
Square insert chimney key (AK768)

Backmilled side A
Backmilled 1 mm side A (RG1-A)
Backmilled 2 mm side A (RG2-A)
Backmilled 3 mm side A (RG3-A)
Backmilled 3.6 mm side A (RG3.6-A)
Backmilled 4 mm side A (RG4-A)
Backmilled 5 mm side A (RG5-A)
Backmilled 6 mm side A (RG6-A)
Backmilled 7 mm side A (RG7-A)
Backmilled 10 mm side A (RG10-A)
Backmilled 12 mm side A (RG12-A)

Backmilled side B
Backmilled 1 mm side B (RG1-B)
Backmilled 2 mm side B (RG2-B)
Backmilled 3 mm side B (RG3-B)
Backmilled 3.6 mm side B (RG3.6-B)
Backmilled 4 mm side B (RG4-B)
Backmilled 5 mm side B (RG5-B)
Backmilled 6 mm side B (RG6-B)
Backmilled 7 mm side B (RG7-B)
Backmilled 10 mm side B (RG10-B)
Backmilled 12 mm side B (RG12-B)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

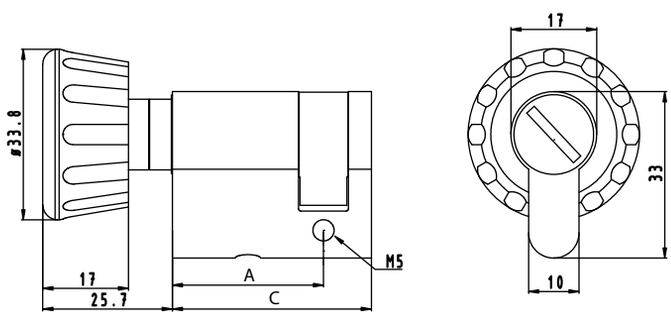
Mortise Door Lock Cylinders without System

K.DKHZ | Single Thumbturn Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile for operation on one side of the door without keys. The cam operates the latch and/or bolt of the door lock.

Specification
- Housing made from solid natural brass, surface nickel-plated

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions



Order example
- K/DKHZ/30/NI/... cylinder options
- K/DKHZ/45/MP/... cylinder options

Cylinder options as follows:

Length A Ø 17 mm EU
- **Standard lengths:**
25 to 100 mm in 5 mm steps
- **Special lengths:**
From 105 mm in 5 mm steps

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Knob/thumbturn side A
With round thumbturn 1519 (RDK) - Standard
With MEGA-thumbturn (MK)
Oval knob D-line (ODKD)
Eccentric knob (AK151)
With MEGA 39260 knob (AK583)
Knob for prison (AK654)
Special knob design (AK758)

For illustrations

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

K.DKHZ | Single Thumbturn Cylinder, Euro Profile

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)

For illustrations

Certificate/Standard side A
Without certificate (no_NORM)

Special function
Long rotor 40 mm (AK297)
Long knob rotor (AK396)
Triangle key drive 8.1 mm (AK824)
Triangle key drive 14 mm (AK340)
Square key drive 8 mm side A (AK768)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

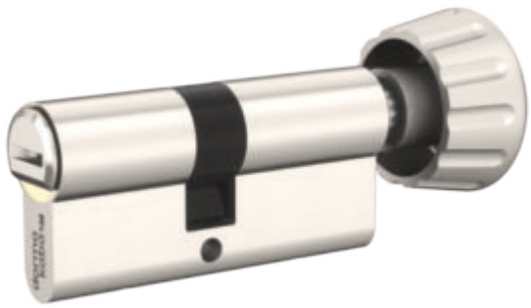
K.WCZ | WC – Cylinder, Euro Profile

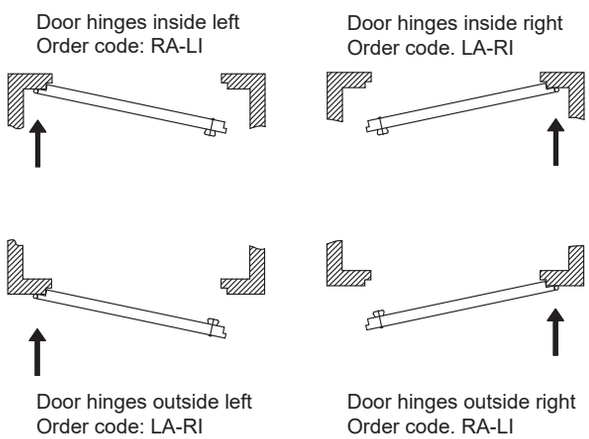
Application
For WC or lavatory doors. Visual indication from the outside whether or not the toilet or lavatory is occupied (red) or vacant (green).

Specification
- Housing made from solid natural brass, surface nickel-plated

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions

Order example
- K/WCZ/30/30/NI/... cylinder options
- K/WCZ/25/45/MP/RDK/RA-LI





Cylinder options as follows:

Locking direction
RA-LI
LA-RI

Length A Ø 17 mm EU
Standard – each side available in 30 to 80 mm in 5 mm steps
- **Short cylinder:**
One cylinder side 25 mm, minimum total length of 60 mm

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)
Bronzed dark (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Knob/thumbturn side B
Round knob - standard (RK)
Mega knob (MK)
Oval knob D-line (OKD)
Lever knob (DK-AK583)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinders without System

K.WCZ | WC – Cylinder, Euro Profile

Without thumbturn (KK)
Without thumbturn (KKG) – serrated key systems design

For illustrations

Function insert side A
Special WC insert (AK380) with keyway in occupied display

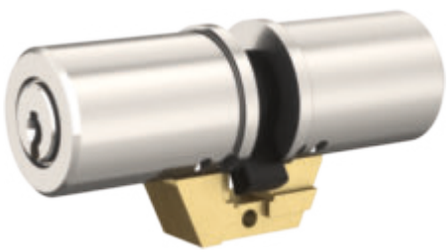
Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

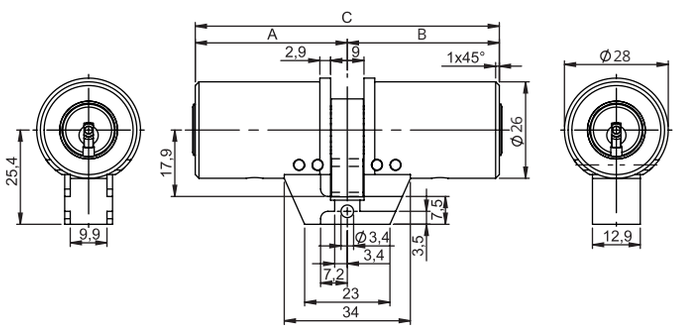
Mortise Door Lock Cylinder Applications

K.DZ_AK571 | Double Cylinder, FICHET MONOBLOC

Application
Double cylinder in round profile for Fichet special lock cases, also available with thumbturn knob



Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Plastic key clip in black for penta (K84), in dark blue for all other systems
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- penta (K84)/DZ/AK571/41/41/NI/... cylinder options
- expert plus (K83)/DZ/AK571/41/66/MS/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
gemini plus (K81)
gemini T (K54)

Length side A (mm)
41,0

Mortise Door Lock Cylinders

Mortise Door Lock Cylinder Applications

K.DZ_AK571 | Double Cylinder, FICHET MONOBLOC

Length side B (mm)
41,0
66,0

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Coupling function
Standard function coupling (SFK)
Double key override (BSZ)
Priority function side A (PF-A)
Priority function side B (PF-B)
Emergency key function (GF)

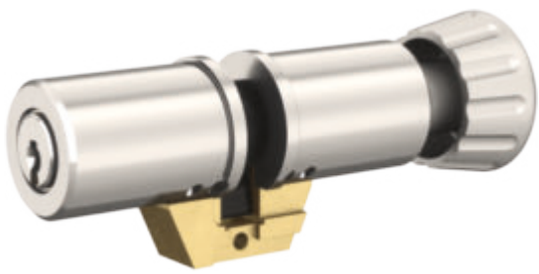
Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinder Applications

K.DKZ_AK571 | Thumbturn Cylinder, FICHET MONOBLOC



Application
Double cylinder in round profile for Fichet special lock cases, also available with thumbturn knob

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver
- Round knob (RDK)

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- expert plus (K83)/DKZ/AK571/41/41/NI/... cylinder options
- K/SYS/DKZ/AK571/MS/... cylinder options (without technical systems)

Cylinder options as follows:

Technical system
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
gemini T (K54)

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinder Applications

K.DKZ_AK571 | Thumbturn Cylinder, FICHET MONOBLOC

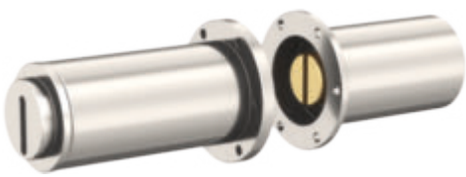
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Mortise Door Lock Cylinders

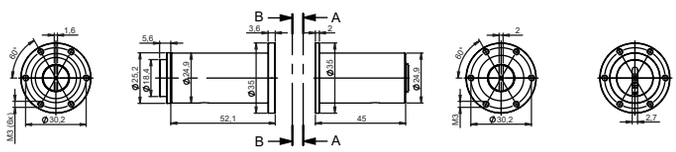
Mortise Door Lock Cylinder Applications

K.DZ_AK989 | Double Cylinder, VAK PICARD

Application
Double cylinder in found profile for special lock cases, also available as a thumbturn cylinder
The cam operates the bolt and/or latch in door locks with key latch operation.



Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Order example
penta cross (K90)/DZ/AK989/NI ... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
gemini plus (K81)

Surface DZ side A
Nickel-plated (NI)

Construction time function
No construction key system

Dust cover
Without dust cover

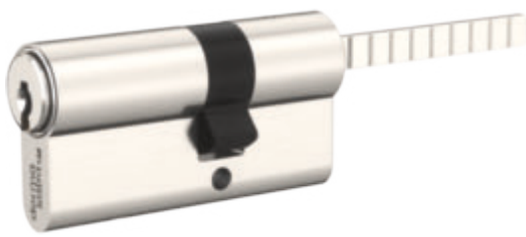
Tumbler pins
Pins hardened (ZH_H)
Pins rust-free (ZH_RF)

Copy protection
Without copy protection cross
With copy protection cross

Mortise Door Lock Cylinders

Mortise Door Lock Cylinder Applications

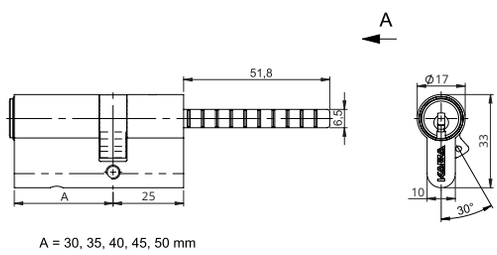
K.DZ_AK997 | Double Cylinder, DANALOCK



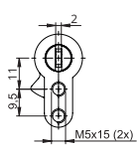
Application
For mortise door locks in Euro profile. The tailpiece operates the locking device.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver

Order example
- expert plus (K83)/DZ/AK997/30/25/NI ... cylinder options



A = 30, 35, 40, 45, 50 mm



Cylinder options as follows:

Technical system
- **Dealer systems**
matrix plus (K86, Twincode)
matrix (K59)

Length side A (mm)
30,0
35,0
40,0
45,0
50,0

Length side B (mm)
25,0

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)

Coupling function
Standard coupling

Drilling and pulling protection side A
Without drilling/pulling protection

Drilling and pulling protection side B
W/o anti-drill/pulling protection

Construction time function
No construction key system
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Without dust cover
Insert dust protection cap 2004 side A (2004-A)

Mortise Door Lock Cylinders

Mortise Door Lock Cylinder Applications

K.DZ_AK997 | Double Cylinder, DANALOCK

Tumbler pins
Pins hardened (ZH_H)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

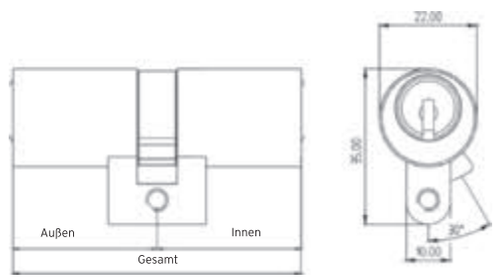
Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

K.DZ_CH | Double Cylinder, Swiss Round Profile

Application
For all mortise door locks in Swiss round profile. The cam operates the bolt and/or latch with the key.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- penta (K84)/DZCH/32,5/32,5/NI/... cylinder options
- expert plus (K83)/DZCH/27,5/47,5/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

K.DZ_CH | Double Cylinder, Swiss Round Profile

Length A Ø 22 mm
- **Standard length per side:**
32.5 to 102.5 mm in 5 mm steps
- **Special lengths per side:**
From 107.5 mm in 5 mm steps (max 152.5 mm)
- **Short cylinder:**
One cylinder side 27.5 mm, minimum overall length of 65 mm

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)
Bronzed dark (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Coupling function
Standard function coupling (SFK)
Double key override (BSZ)
Priority function side A (PF-A)
Priority function side B (PF-B)
Freewheel cylinder for gear operated or panic locks (FZG)
Emergency key function (GF)

Cam
Standard cam
Biffar, 2-nosed cam (BIFF_2nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Access function
Without function
Duplo function side A (DF-A)
Duplo function side B (DF-B)
Duplo function side A and B (DF-AB)
Service functions SAT1 A + SAT1 B (SAT1-A_SAT1-B)
Service functions SAT2 A + SAT1 B (SAT2-A_SAT1-B)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)

Blind one side
One-sided blind side A (BL-A)
One-sided blind side B (BL-B)

Function hous. side A
AK888 (full yoke)

Contact pin
Contact pin side A (KT-A)
Contact pin side B (KT-B)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

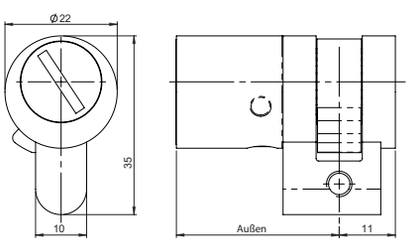
K.HZ_CH | Single Cylinder, Swiss Round Profile

Application

For all mortise door locks in Swiss round profile to be opened on one side only. The cam operates the bolt and latch in door locks with key latch operation. The cam can be set in 30° steps beginning from the 0° or 15° position.

Specification

- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder

- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example

- penta (K84)/DKZCH/32.5/32.5/NI/... cylinder options
- expert plus (K83)/DKZCH/27.5/37.5/MP/... cylinder options

Cylinder options as follows:

Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

K.HZ_CH | Single Cylinder, Swiss Round Profile

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 22 mm
- **Standard length per side:**
32.5 to 102.5 mm in 5 mm steps
- **Special lengths per side:**
From 107.5 mm in 5 mm steps (max 122.5 mm)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed dark (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Coupling function
Standard coupling
Freewheel cylinder for gear operated or panic locks (FZG)

Key movement
Relative movement 6-3 right
Relative movement 7-10 left
Relative movement 12-9 left

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Access function
Duplo function (DF)
Service function SAT1 (SAT1)
Service function SAT2 (SAT2)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Blind one side
One-sided blind side A (BL-A)

Function hous. side A
AK888 (full yoke)

Contact pin
Contact pin side A (KT-A)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

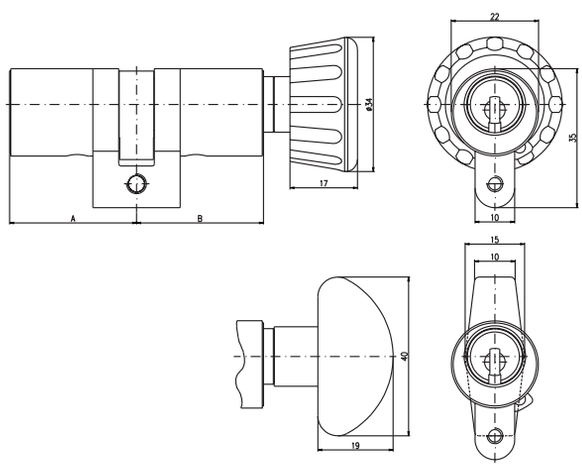
K.DKZ_CH | Thumbturn Cylinder, Swiss Round Profile

Application
For all mortise door locks in Swiss round profile. The thumbturn knob is installed on the inside, allowing the door to be safely un/locked from the inside without a key. The cam operates the latch and/or bolt of the mortise door lock.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver

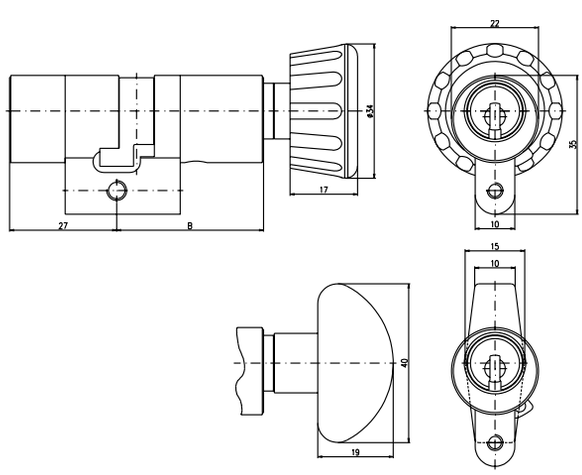
Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Plastic key clip in black for system penta (K84), in dark blue for all other systems
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- penta (K84)/DKZCH/32.5/32.5/NI/...Cylinder options
- expert plus (K83)/DKZCH/27.5/37.5/MP/...Cylinder options



Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)



Short cylinder

Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

K.DKZ_CH | Thumbturn Cylinder, Swiss Round Profile

gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length A Ø 22 mm
- **Standard length per side:**
32.5 to 102.5 mm in 5 mm steps
- **Special lengths per side:**
From 107.5 mm in 5 mm steps (max 142.5 mm)
- **Short cylinder:**
One cylinder side 27.5 mm, minimum overall length of 65 mm

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)
Bronzed dark (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Knob/thumbturn side B
Round knob - standard (RK)
Design thumbturn (DK)
Mega knob (MK)
Oval knob D-line (OKD)
Freedom knob (FK)
Rectangular knob (EK)

For illustrations

Coupling function
Standard coupling
Priority function side A (PF-A)
Freewheel cylinder for gear operated or panic locks (FZG)
Hotel room function (AK527)
AK924 (S. 360° g.UZ. with 180°)
AK924 (S. 360° UZ. with 180°)

Cam
Standard cam
Biffar, 2-nosed cam (BIFF_2nose)
Cogwheel cam z = 10 (ZR10)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Access function
Service function SAT1 (SAT1)
Service function SAT2 (SAT2)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Special function side B
Long rotor 40 mm (AK297)
Long knob rotor 70 mm (AK650)
Long knob rotor 80 mm (AK297)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Blind one side
One-sided blind side A (BL-A)

Function hous. side A
AK888 (full yoke)

Contact pin
Contact pin side A (KT-A)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Swiss Roundprofile Cylinders 22mm

K.DKHZCH | Single Thumbturn Cylinder, Swiss Round Profile

Application
For all thumbturn cylinders in Swiss round profile. The thumbturn knob operates the bolt and latch of the mortise door lock.

Specification
- Housing made from solid natural brass, surface nickel-plated

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions

Order example
- K/DKHZCH/32.5/NI/... cylinder options
- K/DKHZCH/47.5/MP/... cylinder options

Cylinder options as follows:

Length A Ø 22 mm
- **Standard length per side:**
32.5 to 102.5 mm in 5 mm steps

Surface cylinder
Nickel-plated (NI)

Knob/thumbturn side A
With round thumbturn 1519 (RDK) - Standard
Oval knob D-line (ODKD)

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

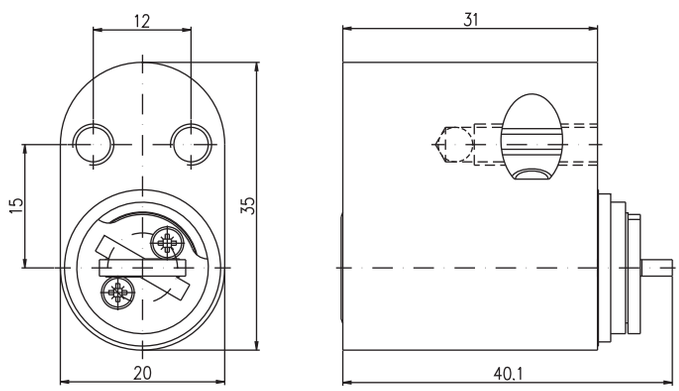
Scandinavian Cylinders

K.OHZ_2048 | Oval Single Cylinder, Scandinavia

Application
For Scandinavian mortise door locks

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
expert plus (K83)/OHZ/2048/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

System type
Without insert (no_INS)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ_2048 | Oval Single Cylinder, Scandinavia

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Brass, polished (MP)
Brass, lacquered (MSL)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

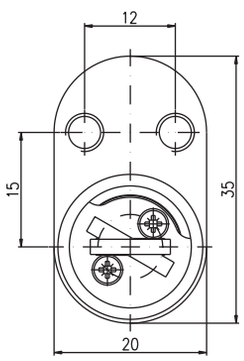
Scandinavian Cylinders

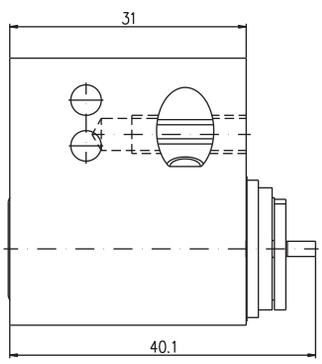
K.OHZ_2048D | Oval Single Cylinder, with Drilling Protection

Application
For Scandinavian mortise door locks

Specification
- Housing made of natural brass, chrome-plated
- With anti-drilling pins in the housing
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions





Order example
expert plus (K83)/OHZ/2048D/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

System type
Without insert (no_INS)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ_2048D | Oval Single Cylinder, with Drilling Protection

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

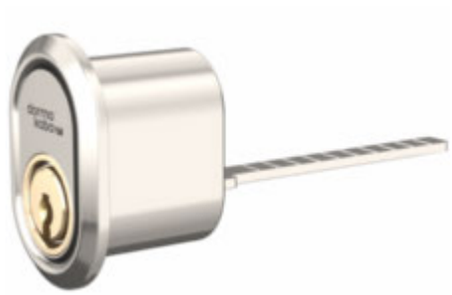
Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ 2048B/2048BD/2048G | Oval Single Cylinder, with Tailpiece

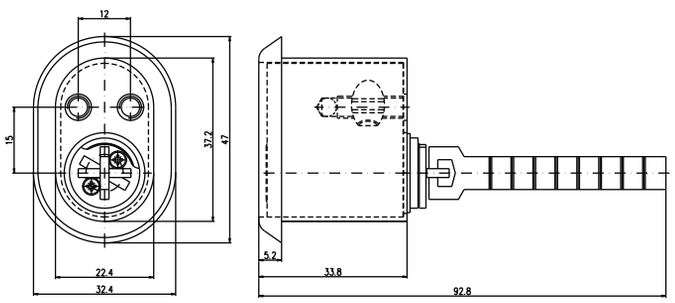
Application
For Scandinavian mortise door locks
The tailpiece operates the bolt from the outside.



Specification
- Housing made of natural brass, chrome-plated
- With rosette
- Tailpiece can be cut to length on-site.
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

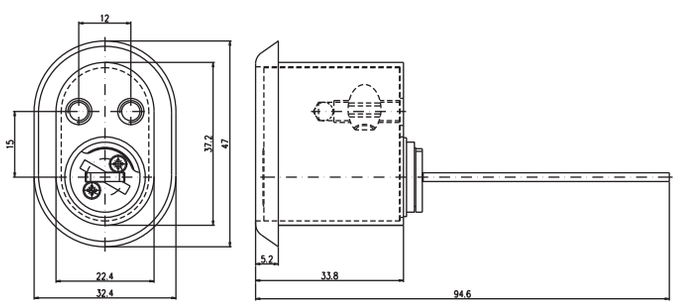
Order example
expert plus (K83)/OHZ/2048BD/CR/... cylinder options



Type 2048B

Cylinder options as follows:

Specification	Drilling and pulling protection side A	Type cylinder
Tailpiece vertical in key retraction position	Without drilling/ pulling protection	2048B
Tailpiece vertical in key retraction position	Drilling protection Scandinavia	2048BD
Tailpiece horizontal in key retraction position	Without drilling/ pulling protection	2048G



Type 2048G

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ 2048B/2048BD/2048G | Oval Single Cylinder, with Tailpiece

gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Scandinavian Cylinders

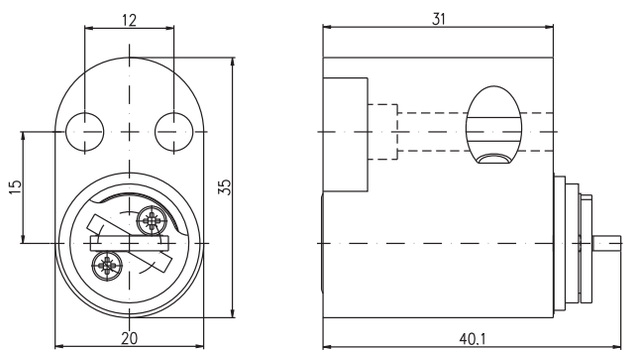
K.OHZ 2048F | Oval Inside Cylinder

Application
For Scandinavian mortise door locks

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/OHZ/2048F/CR/... cylinder options



Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

System type
Without insert (no_INS)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ 2048F | Oval Inside Cylinder

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

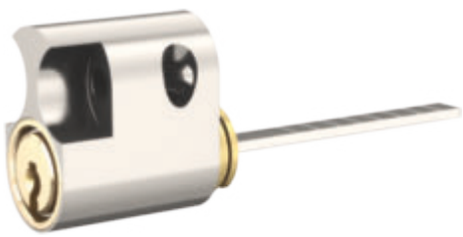
Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Scandinavian Cylinders

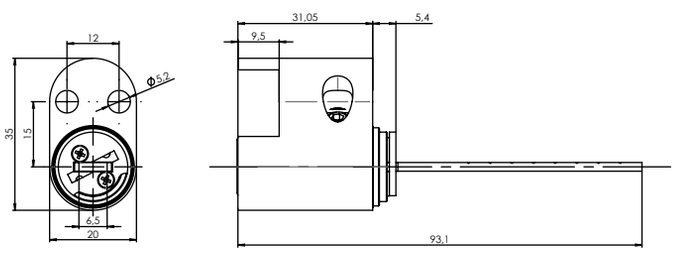
K.OHZ_2048FG | Oval Inside Cylinder, with Tailpiece



Application
For Scandinavian mortise door locks

Specification
- Housing made of natural brass, chrome-plated
- Tailpiece can be cut to length on-site.
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
expert plus (K83)/OHZ/2048FG/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

System type
Without insert (no_INS)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ_2048FG | Oval Inside Cylinder, with Tailpiece

Surface cylinder
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

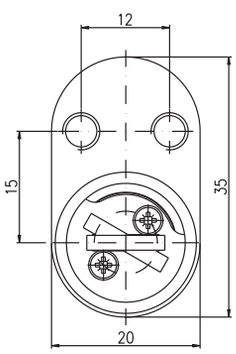
Scandinavian Cylinders

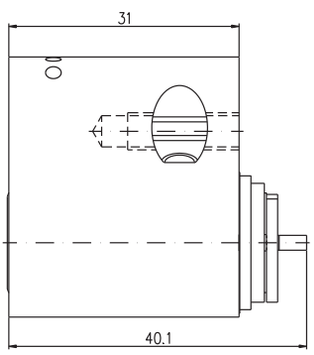
K.OHZ_3537S | Oval Single Cylinder, with Drilling Protection

Application
For Scandinavian mortise door locks

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions





Order example
expert plus (K83)/OHZ/3537S/CR/... cylinder options

Options as follows:

Technical system
gemini (K50)
gemini S (K53)
gemini plus (K87)
quattro 1.0 (K50S)
quattro 1.1 (K51)
quattro S (K52)
quattro plus (K85)
expert (K56)
penta (K57)
penta (K84)
penta cross (K90)
quattro plus (K58)
gemini T (K54)
gemini plus (K81)
expert plus (K83)
expert cross (K89)
matrix (K59)
matrix plus (K86, Twincode)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)
Brass, dull (MS)
Brass, lacquered (MSL)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ_3537S | Oval Single Cylinder, with Drilling Protection

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
No construction key system
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

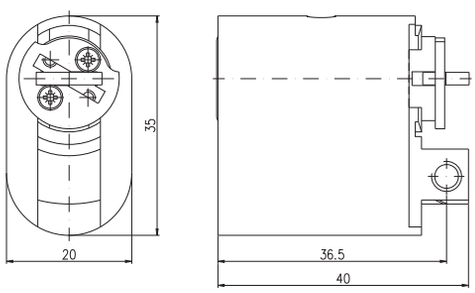
Scandinavian Cylinders

K.OHZ 3520 | Oval Single Cylinder

Application
For all mortise door locks in Scandinavian oval profile

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ 3520 | Oval Single Cylinder

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Blind one side
One-sided blind side A (BL-A)

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ_130K5 | Oval Single Cylinder, Australia

Application
Suitable for locks: EFCO 3000 and 6000 series
LOCKWOOD 570, 590 series and 5900 outside cylinder

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/OHZ/130K5/CR/... cylinder options
quattro plus (K85)/OHZ/130K5X20/CR/... cylinder options

Options as follows:

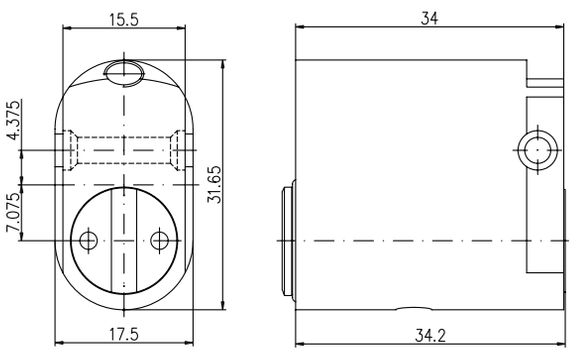
Specification	Type cylinder
Length 34 mm	130K5
Length 44 mm	130K5X10
Length 54 mm, door thickness 50–90 mm	130K5X20
Length 74 mm, door thickness 90–127 mm	130K5X40

Technical system
quattro S (K52)
quattro plus (K85)
expert (K56)
expert plus (K83)
expert cross (K89)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)
Chrome, satin (CRM)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
All surface finishes available for type 130K5
Surface finish CR for 130K5X10/20/40, other surface finishes on request

130K5



130K5x10

130K5x20

130K5x40

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.OHZ_130K5 | Oval Single Cylinder, Australia

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

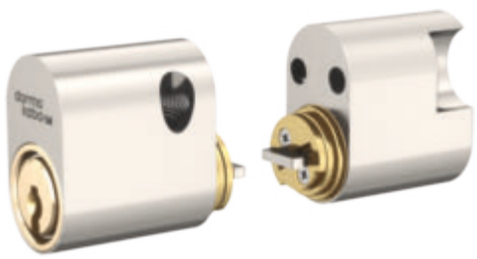
Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

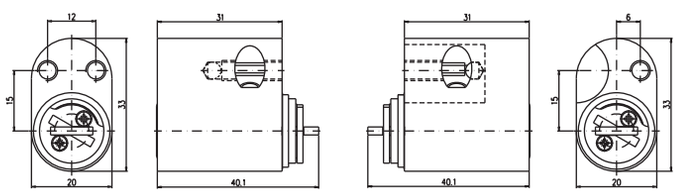
Scandinavian Cylinders

K.ODZ 2048CF | Oval Double Cylinder, Scandinavia

Application
For Scandinavian mortise door locks



Specification
- Housing made of natural brass, chrome-plated
- Insert and sleeve natural brass
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/ODZ/2048CF/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)
quattro S (K52)
gemini plus (K81)
gemini S (K53)

Surface DZ side A
Nickel-plated (NI)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Brass, lacquered (MSL)
Bronzed dark (BD)

Surface insert side A
Standard insert surface finish is natural brass; alternatively, the selected surface finish of the cylinder may also be selected.
Brass, untreated (INS-MSR)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.ODZ 2048CF | Oval Double Cylinder, Scandinavia

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)
2004 prepared side A
Insert Weather Protection Cap 2004, prep side A (2004-PRE-A)
Insert Weather Protection Cap 2004, prep side AB (2004-PRE-AB)

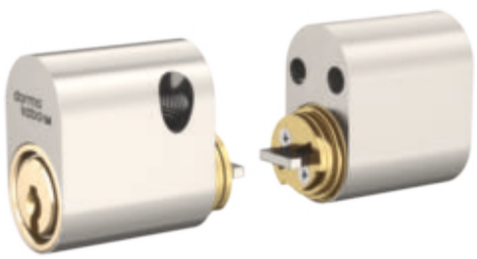
Tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

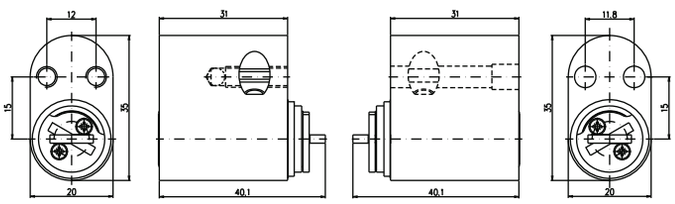
Scandinavian Cylinders

K.ODZ_3537C | Oval-Double Cylinder, Scandinavia

Application
For Scandinavian mortise door locks



Specification
- Housing made of natural brass, chrome-plated
- Insert and sleeve natural brass
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/ODZ/3537C/CR/... cylinder options

Options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)
quattro S (K52)
gemini plus (K81)
gemini S (K53)

Surface DZ side A
Brass, dull (MS)
Chrome-plated (CR)
Brass, polished (MP)

Surface insert side A
Standard insert surface finish is natural brass; alternatively, the selected surface finish of the cylinder may also be selected.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.ODZ_3537C | Oval-Double Cylinder, Scandinavia

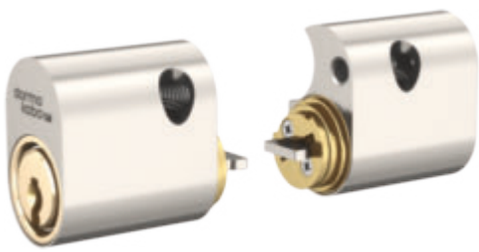
Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)
2004 prepared side A
Insert Weather Protection Cap 2004, prep side A (2004-PRE-A)
Insert Weather Protection Cap 2004, prep side AB (2004-PRE-AB)

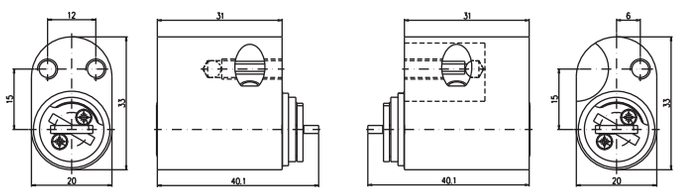
Tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.ODZ_304C | Oval-Double Cylinder, Scandinavia





Application
For Scandinavian mortise door locks

Specification
- Housing made of natural brass, chrome-plated
- Insert and sleeve natural brass
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/ODZ/304C/CR/... cylinder options

Options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)
quattro S (K52)
gemini plus (K81)
gemini S (K53)

Surface DZ side A
Chrome-plated (CR)

Surface insert side A
Standard insert surface finish is natural brass; alternatively, the selected surface finish of the cylinder may also be selected.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.ODZ_304C | Oval-Double Cylinder, Scandinavia

Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)
2004 prepared side A
Insert Weather Protection Cap 2004, prep side A (2004-PRE-A)
Insert Weather Protection Cap 2004, prep side AB (2004-PRE-AB)

Tumbler pins
Pins rust-free (ZH_RF)

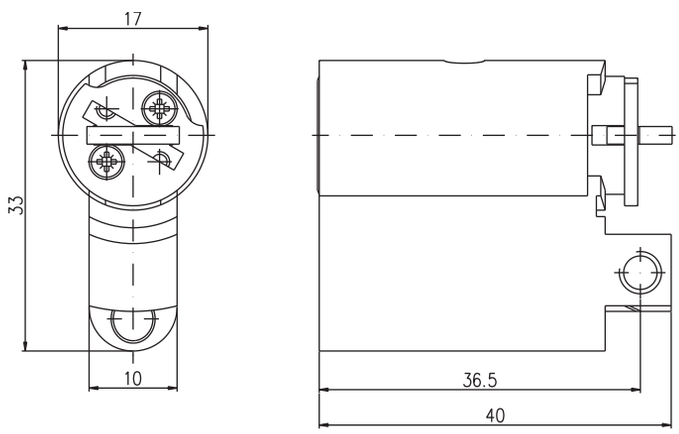
Mortise Door Lock Cylinders

Scandinavian Cylinders

K.HZ_SKAND/305 MU | Single Cylinder, Euro Profile

Application
For Scandinavian mortise door locks
The cam operates the bolt and latch with key operated latch retraction function.

Specification
- Housing made of solid brass, chrome-plated
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/HZ_SKAND/305MU/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Surface cylinder
Chrome-plated (CR)
Brass, lacquered (MSL)

Mortise Door Lock Cylinders

Scandinavian Cylinders

K.HZ_SKAND/305 MU | Single Cylinder, Euro Profile

Surface insert side A
Chrome-plated (INS-CR)
Brass, untreated (INS-MSR)

Drilling and pulling protection side A
Without drilling/pulling protection

Construction time function
No construction key system
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

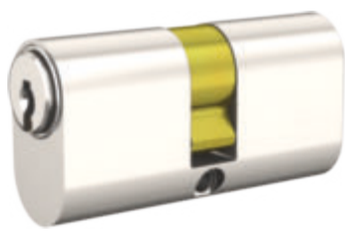
Tumbler pins
Pins hardened (ZH_H)
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

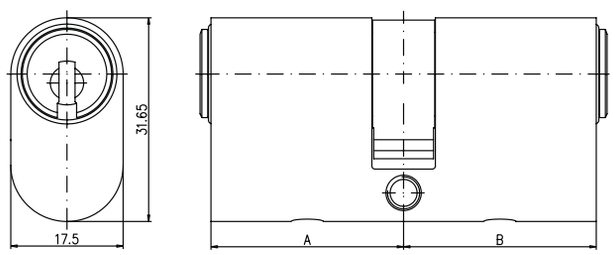
Union Profile

K.UDZ | Union Double Cylinder

Application
For all mortise door locks in Union (UK) oval profile. The cam operates the bolt and/or latch in door locks with the key.



Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver
- Cam UNIV – universal (98-4-001)



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
quattro plus (K85)/UDZ/30/30/NI/... cylinder options
expert plus (K83)/UDZ/45/50/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Mortise Door Lock Cylinders

Union Profile

K.UDZ | Union Double Cylinder

Length A Ø 17 mm EU
- **Standard length per side:**
30 bis 95 mm in 5-mm-steps

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Brass, polished (MP)
Brass, lacquered (MSL)
Bronzed dark (BD)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.
Brass, untreated (INS-MSR)

Coupling function
Standard function coupling (SFK)
Emergency key function (GF)

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Access function
Duplo function side A (DF-A)
Duplo function side B (DF-B)
Duplo function side A and B (DF-AB)
Service functions SAT1 A + SAT1 B (SAT1-A_SAT1-B)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)

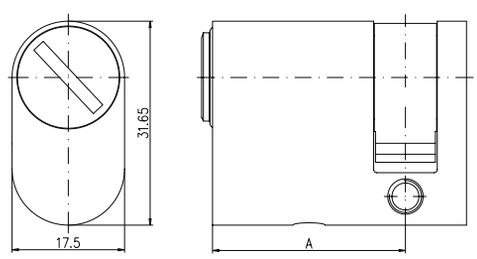
Tumbler pins
Pins rust-free (ZH_RF)
Available for selected systems only

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Union Profile

K.UHZ | Union Single Cylinder



Application
For all mortise door locks in Union (UK) oval profile for key operation on one side of the door. The cam operates the latch and/or bolt of the door lock with the key.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver
- Cam UNIV – universal (98-4-001)

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
quattro plus (K85)/UHZ/30/NI/... cylinder options
expert plus (K83)/UHZ/45/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Mortise Door Lock Cylinders

Union Profile

K.UHZ | Union Single Cylinder

Length A Ø 17 mm EU
30,0
35,0
40,0
45,0
50,0
55,0
60,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Brass, polished (MP)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.
Brass, untreated (INS-MSR)

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

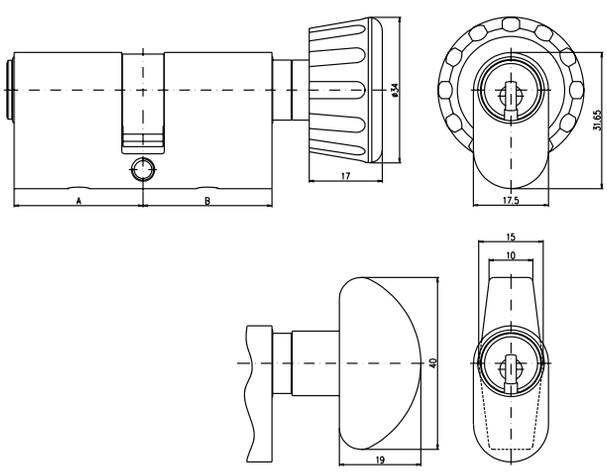
Union Profile

K.UDKZ | Union Thumbturn Cylinder

Application
For all mortise door locks in Union (UK) oval profile. The thumbturn knob is installed on the inside, allowing the door to be safely un/locked from the inside without a key.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver
- Cam UNIV – universal (98-4-001)

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
quattro plus (K85)/UDKZ/30/30/NI/... cylinder options
expert plus (K83)/UDKZ/45/60/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Mortise Door Lock Cylinders

Union Profile

K.UDKZ | Union Thumbturn Cylinder

Length A Ø 17 mm EU
- **Standard length per side:**
30 bis 95 mm in 5-mm-steps

Surface DZ side A
Nickel-plated (NI)
Chemical nickel-plated (NIC)
Chrome-plated (CR)
Brass, polished (MP)
Bronzed medium (BM)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.
Nickel-plated (INS-NI)
Nickel-plated chemically (INS-NIC)
Chrome-plated (INS-CR)
Brass, polished (INS-MP)
Bronzed medium (INS-BM)
Brass, untreated (INS-MSR)

Knob/thumbturn side B
Round knob - standard (RK)
Design thumbturn (DK)
Oval knob D-line (OKD)

For illustrations

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

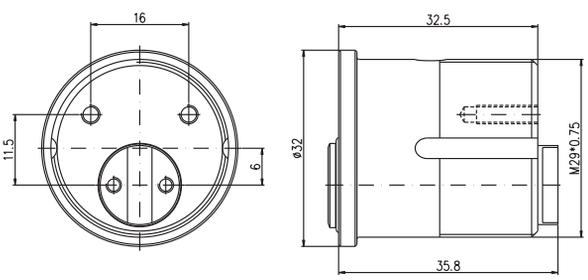
Tumbler pins
Pins rust-free (ZH_RF)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Round Cylinders

K.RZ 3534 | Round Cylinder, Type 3534



Application
Round cylinder for Scandinavian door locks, pre-drilled for fastening screws with outside thread for screwing into the lock case

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver
- Housing with outside thread M29 × 0.75

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/RZ/3534/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)

Surface cylinder
Chrome-plated (CR)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

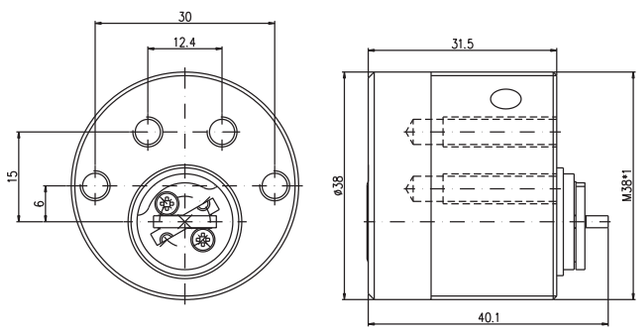
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Round Cylinders

K.RZ 3568 | Round Cylinder, Type 3568



Application
Round cylinder for Scandinavian door locks, pre-drilled for fastening screws with outside thread for screwing into the lock case

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver
- With cam, drawing 2048
- Housing with outside thread M38 × 1

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/RZ/3568/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Dealer systems**
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)

Surface cylinder
Chrome-plated (CR)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

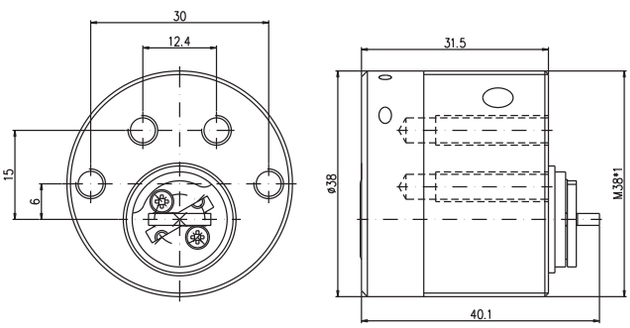
Mortise Door Lock Cylinders

Round Cylinders

K.RZ 3568S | Round Cylinder, Type 3568S with Drilling Protection

Application
Round cylinder for Scandinavian door locks, pre-drilled for fastening screws with outside thread for screwing into the lock case

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver
- With anti-drilling pins in the housing
- With cam, drawing 2048
- Housing with outside thread M38 × 1



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/RZ/3568S/CR/NI = system expert plus K83/round cylinder/3568S/chrome-plated/insert nickel-plated

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
gemini plus (K81)
No system (K00)

System type
Cylinder assembled w/o keying

Mortise Door Lock Cylinders

Round Cylinders

K.RZ 3568S | Round Cylinder, Type 3568S with Drilling Protection

Surface cylinder
Brass, dull (MS)
Chrome-plated (CR)
Brass, lacquered (MSL)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Blind one side
One-sided blind side A (BL-A)

Tumbler pins
Without tumbler pins
Pins rust-free (ZH_RF)

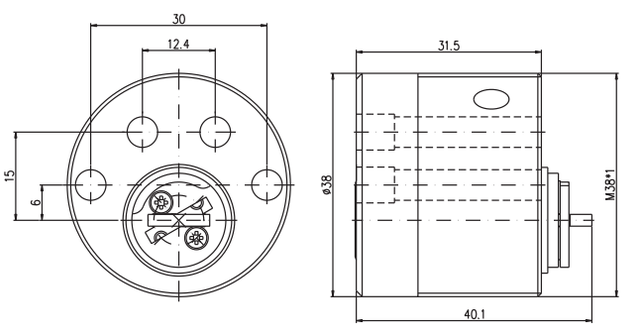
Mortise Door Lock Cylinders

Round Cylinders

K.RZ_3578 | Round Cylinder, Type 3578 Inside Cylinder

Application
Round cylinder for Scandinavian door locks, pre-drilled for fastening screws with outside thread for screwing into the lock case
Compatible with outside round cylinders 3568 and 3568S

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver
- With cam, drawing 2048
- Housing with outside thread M38 × 1



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/RZ/3578/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
gemini plus (K81)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)
Brass, lacquered (MSL)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Mortise Door Lock Cylinders

Round Cylinders

K.RZ_3578 | Round Cylinder, Type 3578 Inside Cylinder

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

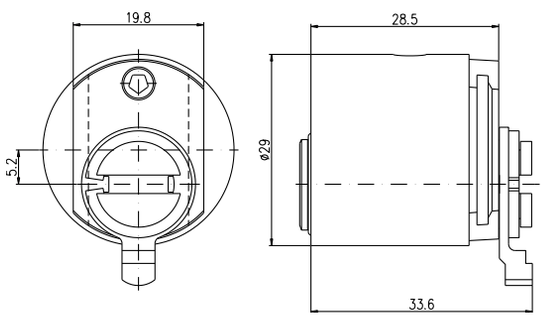
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Round Cylinders

K.RZ_4050 | Round Cylinder, Type 4050



Application
For Scandinavian mortise door locks
Can be used as an outside and inside cylinder
The cam operates the bolt and latch with key operated latch retraction function.

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/RZ/4050/CR/... cylinder options

Options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro S (K52)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Mortise Door Lock Cylinders

Round Cylinders

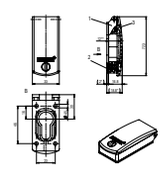
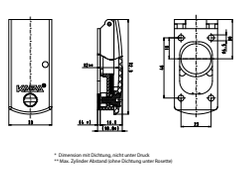
K.RZ_4050 | Round Cylinder, Type 4050

Tumbler pins
Pins rust-free (ZH_RF)

Mortise Door Lock Cylinders

Mortise Door Lock Accessories

2030 | Weather Protection Cap

Bestellcode	Beschreibung	Bild	Maßzeichnung
	Application: For camlock cylinders subject to weather. Protects the cylinder from the effects of weather and dust and helps to keep the cylinder in service longer. Easy installation with adhesive strip or with four screws. **Specification:** black plastic material The cap can be opened and closed with a screwdriver. Bored for optional installation with four screws (screws not included). **Included with delivery:** double-sided tape		
KLAPPROSETTE/2030/PZ 2011729322	Weather protection cap, black plastic, Euro profile 17 mm		
K/ROSETTE/FLAP/2030/RZ 2011729321	Weather protection cap, black plastic, round profile, 22 mm		

Camlocks

K.BMZ_1031/1061 | Camlock

Application
Camlock cylinder with hex nut fastening, suitable for installation in wood and metal

Specification
- Housing made from solid natural brass, surface nickel-plated
- Zinc-coated steel cam
- Nickel-plated brass hex fastening nut
- Reversible key made from nickel silver

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- One zinc-coated steel cam 40 mm flat (1061-6ZK)
- One hex nut 1031-5 for cylinder type 1031/1061, 1031A/1061A and 1031GB/1061GB
  One hex nut 1031-16A or optionally 1126-1 for cylinder type 1031G/1061G
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/BMZ/1031/NI/... cylinder options

Type 1031/1061

Type 1031A/1061A

Type 1031G/1061G

Type 1031GB/1061GB

Camlocks

K.BMZ_1031/1061 | Camlock

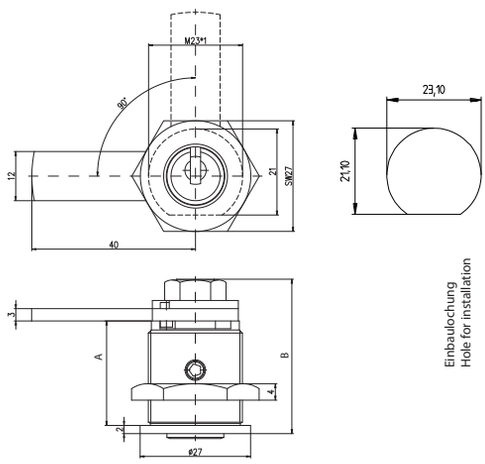
Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Type cylinder
Type 1031
- One key retraction position, only when locked
- Key rotation: 90°
- Distance to cam: 25.5 mm

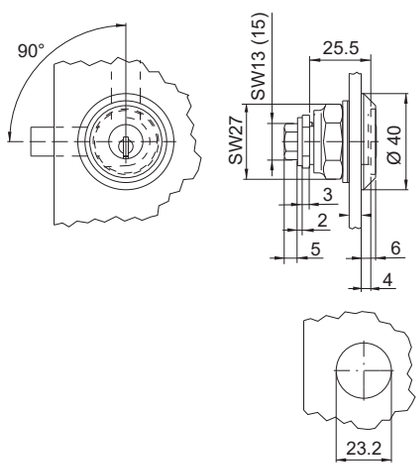
Type 1031A
- One key retraction position, only when locked
- Key rotation: 90°
- Distance to cam: 30 mm

Type 1061
- Two key retraction positions when locked and unlocked
- Key rotation: 360°
- Distance to cam: 25.5 mm

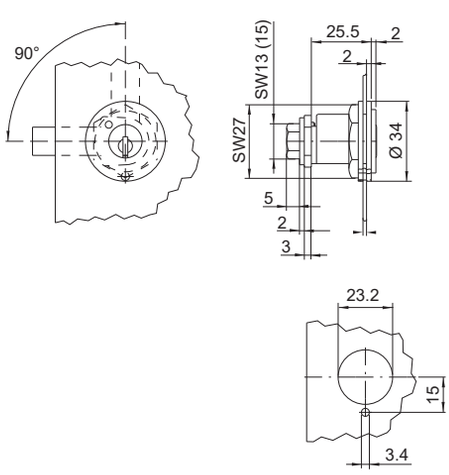
Type 1061A
- Two key retraction positions when locked and unlocked
- Key rotation: 360°
- Distance to cam: 30 mm



1031/1061 – 1031A/1061A



1031G/1061G



1031GB/1061GB

Camlocks

K.BMZ_1031/1061 | Camlock

Type 1031G
- For glass doors 5 to 7 mm thick
- The standard cam is suitable for right-and left-hinged doors and for drawers.
- One key retraction position, only when locked
- Key rotation: 90°

Type 1061G
- For glass doors 5 to 7 mm thick
- The standard cam is suitable for right-and left-hinged doors and for drawers
- Two key retraction positions when locked and unlocked
- Key rotation: 360°

Type 1031GB
- For sheet metal doors 0.5 to 2 mm thick
- The standard cam is suitable for right-and left-hinged doors and for drawers.
- One key retraction position, only when locked
- Key rotation: 90°

Type 1061GB
- For sheet metal doors 0.5 to 2 mm thick
- The standard cam is suitable for right-and left-hinged doors and for drawers.
- Two key retraction positions when locked and unlocked
- Key rotation: 360°

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Cams
Types and description see in the following

Nut
Nut 1126-1 (1126-1) ... for cylinder type 1031G
Nut 1031-16 (1031-16) ... for cylinder type 1031

Drilling and pulling protection side A
Anti-drill protec. insert

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Installed
Mounted in key deposit tube KD
Mounted in case

Tumbler pins
Pins rust-free (ZH_RF)

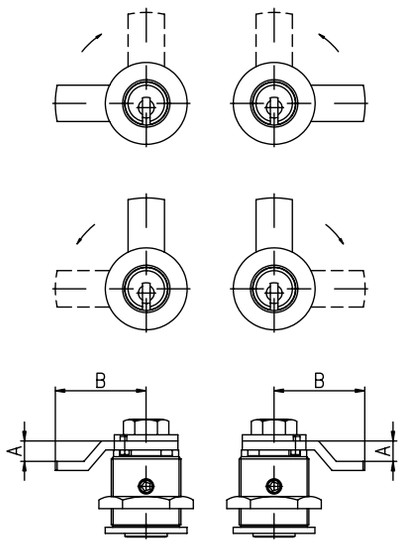
Cams for Camlock Cylinders K.BMZ_1031/1061

Table 1:

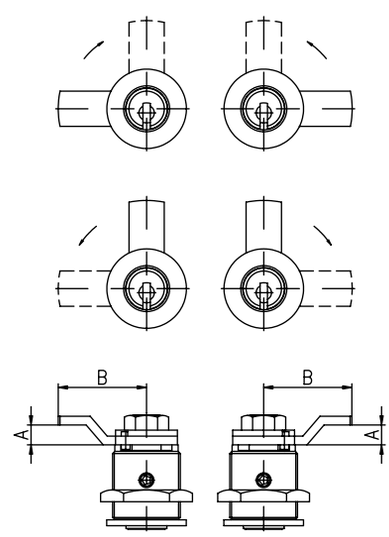
Cam Order code	Dim. in mm A	B	
1061-66	0	14	
1061-68	0	20	
1061-70	0	25	
1061-6M	0	30	
1061-6ZK	0	40	(Standard)
1061-6M1	0	50	
1061-6Q1	1	28	
1061-6Q	1	40	
1061-6Q2	1	50	
1061-6Z1	2	28	
1061-6Z	2	40	
1061-6Z2	2	50	
1061-6S1	3	28	
1061-6S	3	39,5	
1061-6S4	3	50	
1061-6T1	4	28	
1061-6T	4	39	
1061-6T2	4	50	
1061-6U1	5	28	
1061-6U	5	38,5	
1061-6U3	5	40	
1061-6U2	5	50	
1061-6E1	6	28	
1061-6E	6	38	
1061-6E3	6	40	
1061-6E2	6	50	
1061-6H2	7	28	
1061-6H	7	37	
1061-6H4	7	40	
1061-6H3	7	50	
1061-6V1	8	28	
1061-6V	8	37	
1061-6V3	8	40	
1061-6V2	8	50	
1061-6W1	10	28	(Renz)
1061-6W	10	35	
1061-6W3	10	40	
1061-6W2	10	50	
1061-6X1	12	28	
1061-6X	12	33	
1061-6X3	12	40	
1061-6X2	12	50	
1061-6Y2	14	28	
1061-6Y	14	31,5	
1061-6Y4	14	40	
1061-6Y3	14	50	
1061-6A2	16	30	
1061-6A1	16	40	
1061-6A	16	50	
1061-6B2	18	30	
1061-6B1	18	40	
1061-6B	18	50	
1061-6C2	20	30	
1061-6C1	20	40	
1061-6C	20	50	

Table 2:

Cam Order code	Dim. in mm A	B	
1061-66	0	14	
1061-68	0	20	
1061-70	0	25	
1061-6M	0	30	
1061-6ZK	0	40	
1061-6M1	0	50	
1061-96Q1	1	28	
1061-96Q	1	40	
1061-96Q2	1	50	
1061-96Z1	2	28	
1061-96Z	2	40	
1061-96Z2	2	50	
1061-96S2	3	28	
1061-96S	3	39,5	
1061-96S4	3	50	
1061-96T1	4	28	
1061-96T	4	39	
1061-96T2	4	50	
1061-96U1	5	28	
1061-96U	5	38,5	
1061-96U3	5	40	
1061-96U2	5	50	
1061-96E1	6	28	
1061-96E	6	38	
1061-96E3	6	40	
1061-96E2	6	50	
1061-96H2	7	28	
1061-96H	7	37	
1061-96H4	7	40	
1061-96H3	7	50	
1061-96V1	8	28	
1061-96V	8	37	
1061-96V3	8	40	
1061-96V2	8	50	
1061-96W1	10	28	(Renz)
1061-96W	10	35	
1061-96W3	10	40	
1061-96W2	10	50	
1061-96X1	12	28	
1061-96X	12	33	
1061-96X3	12	40	
1061-96X2	12	50	
1061-96Y2	14	28	
1061-96Y	14	31,5	
1061-96Y4	14	40	
1061-96Y3	14	50	
1061-96A2	16	30	
1061-96A1	16	40	
1061-96A	16	50	
1061-96B2	18	30	
1061-96B1	18	40	
1061-96B	18	50	
1061-96C2	20	30	
1061-96C1	20	40	
1061-96C	20	50	

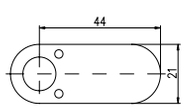


right, Table 1 left, Table 2

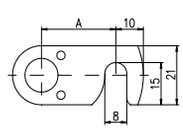


right, Table 1 left, Table 2

Cam No.	**Dim. A in mm**
1061-601A	18
1061-601B	22
1061-601C	27
1061-601D	32



1061-601



1061-601 A, B, C, D

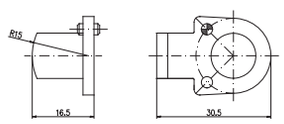
Cams 1061–601 und 1061–601A, B, C, and D can be used left and right.

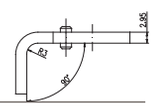
Cams for Camlock Cylinders K.BMZ_1031/1061

Description / Order code

Dim. Drawing

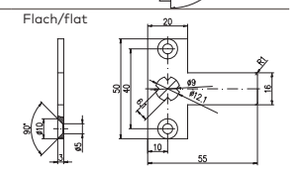
Z01061-00 (AK490)



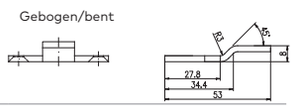


Z03138-00-F (AK619)
Z03138-00-B (AK619)

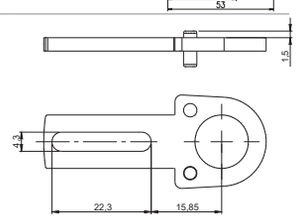
Flach/flat



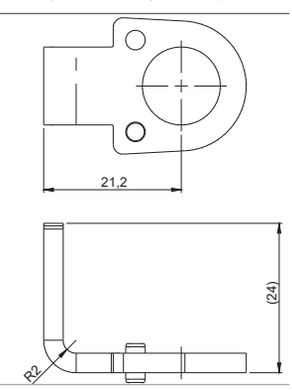
Gebogen/bent



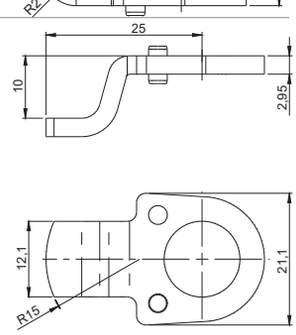
Z05080-01 (AK682)



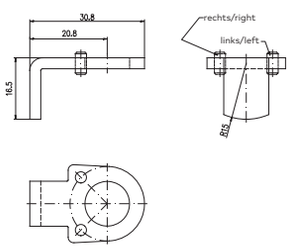
Z08113-0z (AK798)



Z09204-00 (AK835)

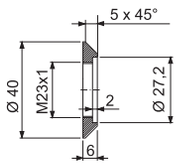
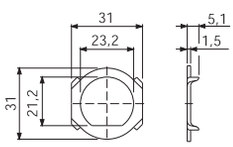
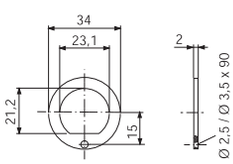
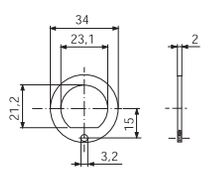
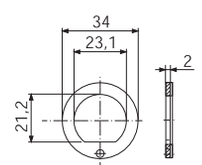
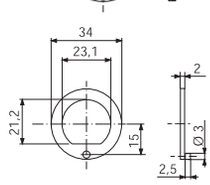
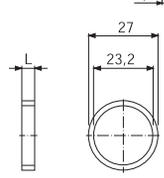


Cams for Camlock Cylinders K.BMZ_1031/1061

Description / Order code	Dim. Drawing
Z00-4-096-LI Z00-4-096-RE	

Camlocks

Accessories for Camlock Cylinder BMZ 1031/1061

Bestellcode	Beschreibung	Bild	Maßzeichnung
	Rosette drawing 1031-29		
K/ROSETTE/ ZK1031-29/NI 2011728975	Nickel-plated		
K/ROSETTE/ ZK1031-29/BD 2011605010	Dark brown		
K/SECURITY/ DISC/1031/20 2011728911	Lock washer, drawing no. 1031-20 Prevents cylinder assembly from turning For wood or plastic doors Material: zinc-coated steel		
K/SECURITYS/ DISC/1031/23 2011728910	Lock washer, drawing no. 1031-23 For welding to the surface Material: bare steel		
K/SECURITYS/DISC/ ZK1031-23A 2011728907	Lock washer, drawing no. 1031-23A Prevents turning on sheet metal surfaces Material: nickel-plated steel		
K/SECURITYS/ DISC/1031/23B 2011728909	Lock washer, drawing no. 1031-23B Prevents turning on glass surfaces Material: nickel-plated steel		
K/SECURITYS/ DISC/1031/24A 2011728908	Lock washer, drawing no. 1031-24A With guide for drilling Material: nickel-plated steel		
	Spacer sleeve for BMZ 1031/1061 Material: nickel-plated brass		
K/SPACER/ SLEEVE/1031/2,5MM 2011729445	Drawing no.: 1031-21 Length L: 2.5 mm		
K/SPACER/ SLEEVE/1031/5MM 2011729444	Drawing no.: 1031-17 Length L: 5 mm		
K/SPACER/ SLEEVE/1031/10MM 2011729449	Drawing no.:: 1031-18 Length L: 10 mm		

Camlocks

Accessories for Camlock Cylinder BMZ 1031/1061

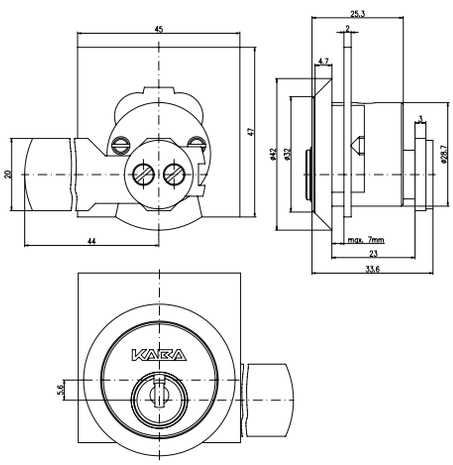
Bestellcode	Beschreibung	Bild	Maßzeichnung
K/SPACER/ SLEEVE/1031/12MM 2011729448	Drawing no.: 1031-25 Length L: 12 mm		
K/SPACER/ SLEEVE/1031/14MM 2011729447	Drawing no.: 1031-19 Length L: 14 mm		
K/SPACER/ SLEEVE/1031/15,5MM 2011729446	Drawing no.: 1031-26 Length L: 15.5 mm		

Camlocks

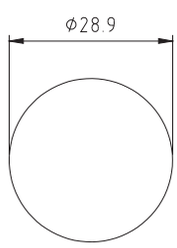
K.BMZ_1090 | Camlock Cylinder

Application
Camlock cylinder with hex fastening nut for control cabinets, lockers, mailboxes, key cabinets, etc.
Key rotation 90°, key can only be removed when locked.

Specification
- Housing supplied in solid natural brass with nickel plating
- Zinc-coated steel cam
- Nickel-plated brass hex fastening nut
- Reversible key made from nickel silver



Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Plastic key clip in black for penta (K84), in dark blue for all other systems
- One cam 57 mm (210.210.701)
- One fixing plate (ZG210703)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Mounting hole

Order code system
System code/Camlock cylinder/Type/Surface finish/Cam/Option

Order example
expert plus (K83)/BMZ/1090/NI/Z210.027.701/ ... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
gemini plus (K81)

Camlocks

K.BMZ_1090 | Camlock Cylinder

quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)

Cams
Types and description see in the following

Fixing plate
Without fixing plate
Fixing plate RENZ ZG028714 (PL_ZG028714)

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Weather protection
Protection cover (SKL)

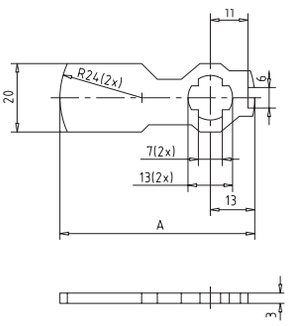
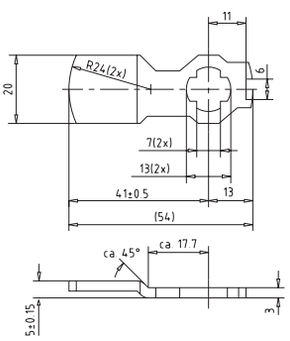
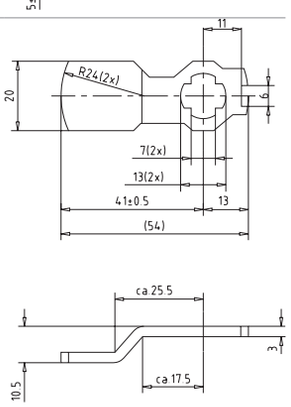
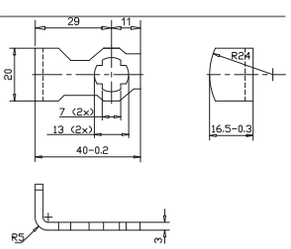
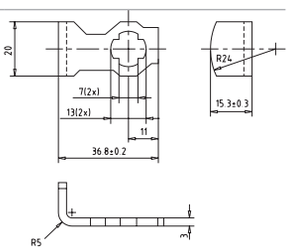
Installed
Mounted in HBFA (HBFA)

Tumbler pins
Pins hardened (ZH_H)
Pins rust-free (ZH_RF)

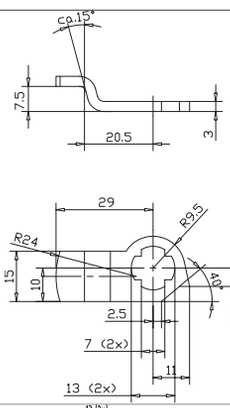
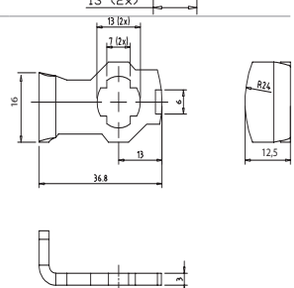
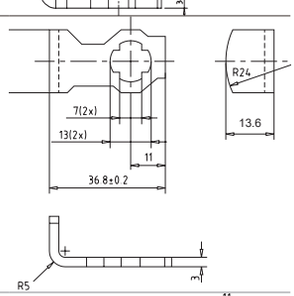
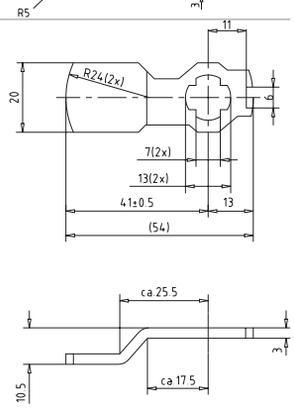
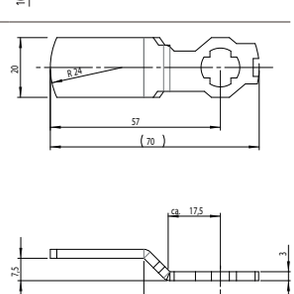
Type
Standard
JU for single mailbox EF

Rosette
Without rosette (O_RO)
Rosette, round BMZ (R_RO)

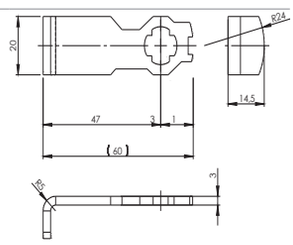
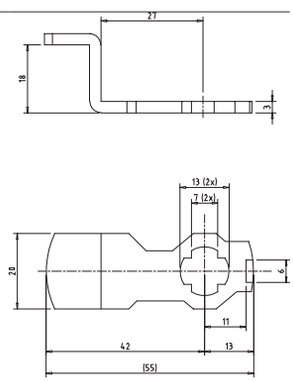
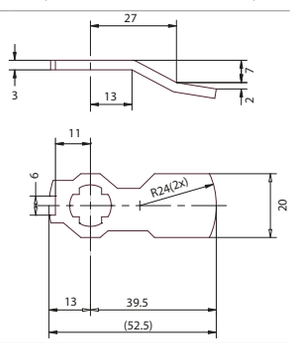
K.BMZ_1090 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.027.701 Z210.197.701 Z210.028.710 Z210.027.712 Z210.210.701 Z210.027.714 Z210.027.702	57 mm 39 mm 43 mm 47.5 mm 53 mm 57,5 mm 72 mm	
Z210.027.711 Z210.027.705	47,5 mm 54 mm	
Z210.213.703	43 mm	
Z210.028.712 JUNI I		
Z210.028.707 RENZ I		

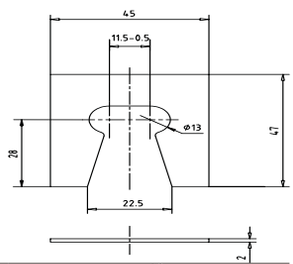
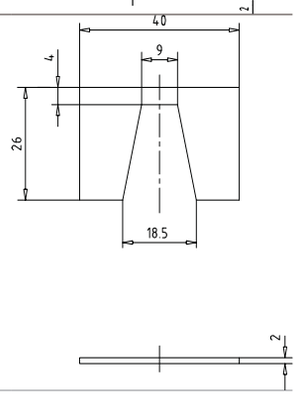
K.BMZ_1090 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.028.708 RENZ II	39 mm	
Z210.028.717/1	36,8 mm	
Z210.201.754	36,8 mm	
Z210.213.701	54 mm	
Z210.027.703	70 mm	

K.BMZ_1090 | Cams

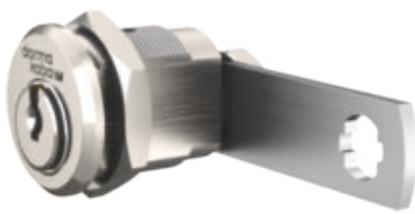
Description / Order code	Dim. A	Dim. Drawing
Z210.212.701	60 mm	
Z210.210.704	55 mm	
Z210.027.710	52,5 mm	

Installation Plates for BMZ_1090

Art.No.	Drawing number	Dim. Drawing
Z210.703-PL		
Z028.714-PL		

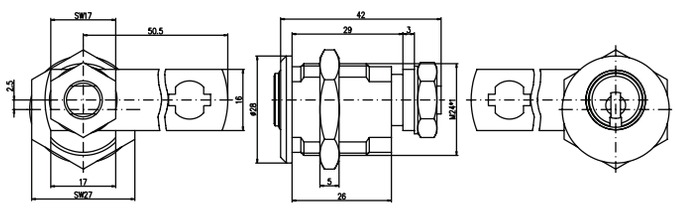
Camlocks

K.BMZ_1091 | Camlock Cylinder

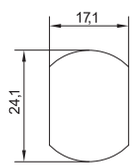


Application
Camlock cylinder with hex nut fastening, suitable for installation in wood and metal
Key rotation 90° to the right, key can only be removed when locked.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Zinc-coated steel cam
- Nickel-plated brass hex fastening nut
- Reversible key made from nickel silver
- Without rosette



Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- One standard cam 210.201.701
- One fastening nut M24 × 1, hex size 27 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



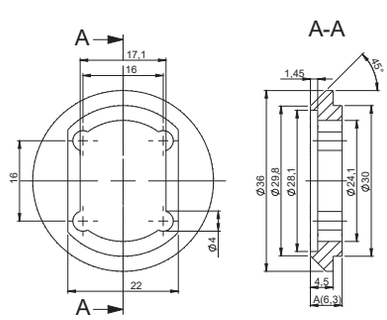
Mounting hole

Order example
penta (K84)/BMZ/1091/NI/... cylinder options
expert plus (K83)/BMZ/1091/CR/Z210.023.704/BAZ

Rosette AK465

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)



Rosette AK465 V2 A = 6.3 mm, V5 A = 9.3 mm

Camlocks

K.BMZ_1091 | Camlock Cylinder

gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Cams
Types and description see in the following

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

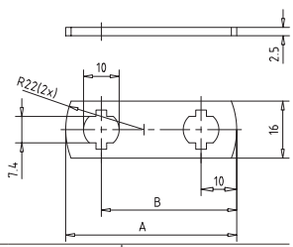
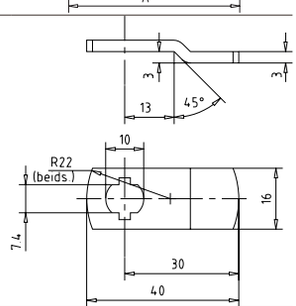
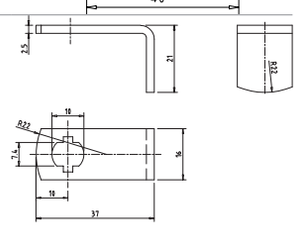
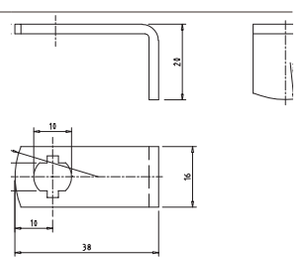
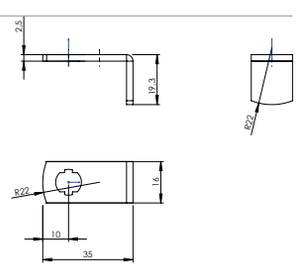
Installed
Mounted in key dep. tube KD1
Mounted in HBFA (HBFA)

Tumbler pins
Pins rust-free (ZH_RF)

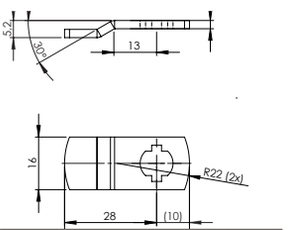
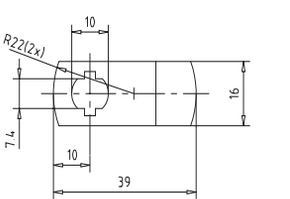
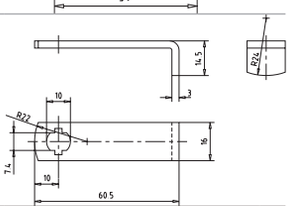
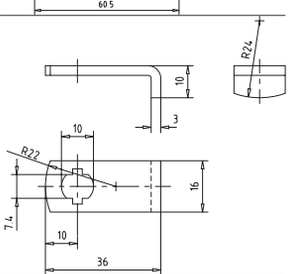
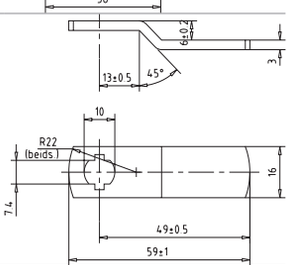
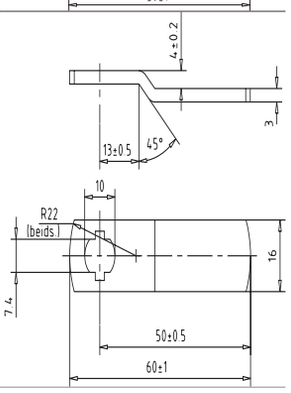
Type
JU for single mailbox EF
AK465 (1091)
AK754 (rotating direct. left)

Rosette
Rosette AK465 2 mm (ROS AK465-2)
Rosette AK465 5 mm (ROS AK465-5)

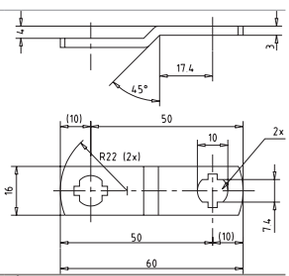
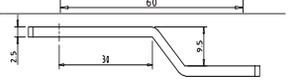
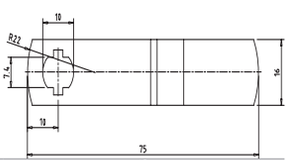
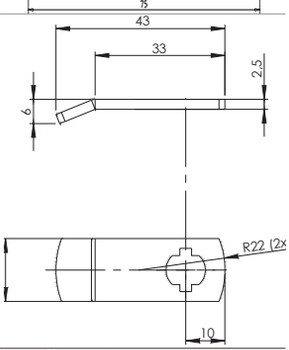
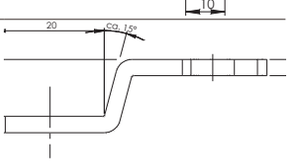
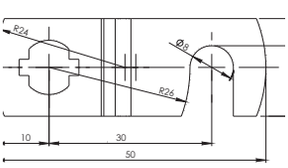
K.BMZ_1091 | Cams

Description	Dim. A	Dim. Drawing
Z210.201.701 Z210.023.702 Z210.023.704 Z210.201.726 Z210.201.730 Z210.023.708 Z210.200.705	60,5 mm 37,5 mm 40 mm 43 mm 45 mm 48 mm 50 mm	
Z210.023.701	40 mm	
Z210.201.743 JUNIE I	37 mm	
Z210.201.742 JUNIE II	38 mm	
Z210.201.747 RENZ I	35 mm	

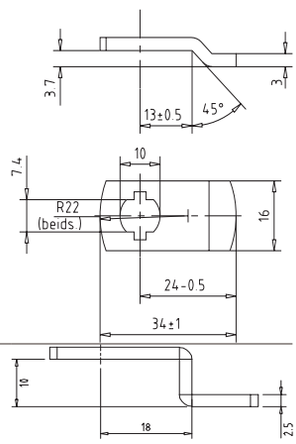
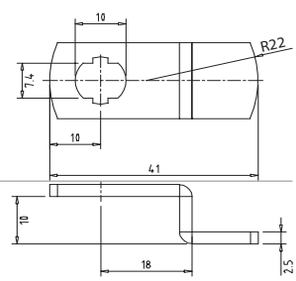
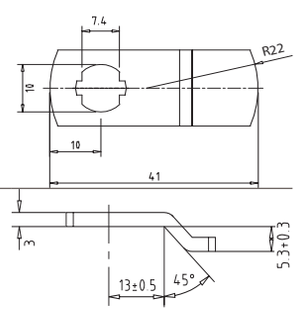
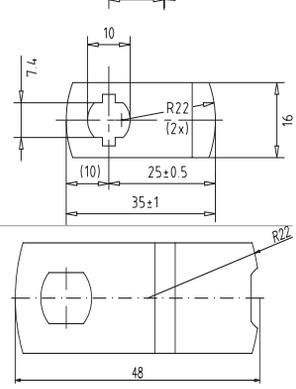
K.BMZ_1091 | Cams

Description	Dim. A	Dim. Drawing
Z210.201.748 RENZ II	38 mm	
Z210.201.702	39 mm	
Z210.201.703	60,5 mm	
Z210.201.713 Wertheim	36 mm	
Z210.201.714	59 mm	
Z210.201.715	60 mm	

K.BMZ_1091 | Cams

Description	Dim. A	Dim. Drawing
Z210.201.719	60 mm	
Z210.201.785	75 mm	
		
Z210.201.780 fire brigade	43 mm	
Z210.201.783	50 mm	
		

K.BMZ_1091 | Cams

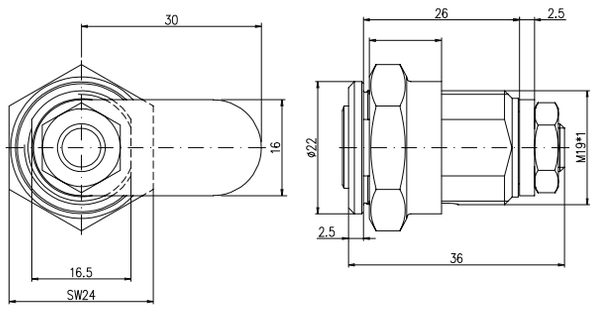
Description	Dim. A	Dim. Drawing
Z210.023.705	34 mm	
Z210.201.788 41	41 mm	
Z210.201.788/1	41 mm	
Z210.201.716	35 mm	
Z01013-02/01 48 mm horizontal	48 mm	

Camlocks

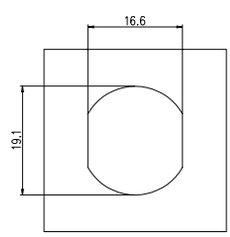
K.BMZ_83-3-032 | Camlock Cylinder

Application
Camlock cylinder with hex nut
Key rotation 90°

Specification
- Housing made from solid natural brass, surface nickel-plated
- Zinc-coated steel cam
- Nickel-plated brass hex fastening nut
- Closing direction right
- Reversible key made from nickel silver



Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- One cam 93-4-227
- One fastening nut M19 × 1, hex size 24 mm (92-4-058)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Mounting hole

Order example
penta (K84)/BMZ/83-3-032/NI/... cylinder options
expert plus (K83)/BMZ/83-3-032/CR/BAZ3

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)

Camlocks

K.BMZ_83-3-032 | Camlock Cylinder

gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Locking direction
Left (L)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)
Gold-plated (GO)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Cams
With cam 98-4-030
With cam AK766
With cam AK769
Ohne Riegel (O_CAM)

For details on cams

Nut
With nut 84-4-011

Drilling and pulling protection side A
Anti-drill protec. insert

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

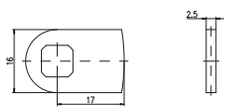
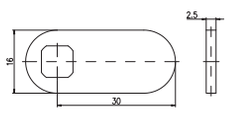
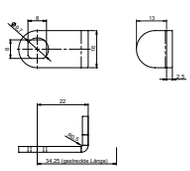
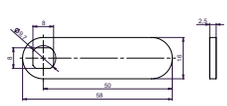
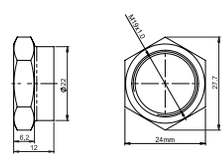
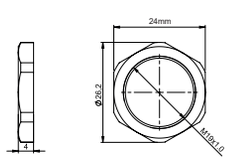
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Type
AK739 (MTRC)
AK568 (ext. port)
AK885 (length 40)
AK885 (length 50)
AK584 (insert flush fitting)
AK704 (special cam movem.)

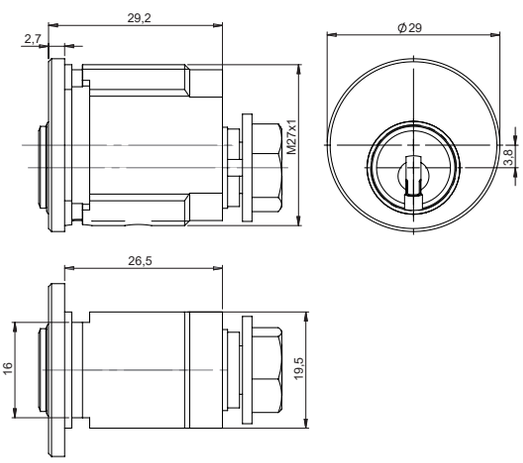
Camlocks

Cams and Accessories for K.BMZ.83-3-032 | Camlock Cylinder

Bestellcode	Beschreibung	Bild	Maßzeichnung
K/RIEGEL/83-3-032/AK150 2011729002	Cam for BMZ 83-3-032 AK150		
K/RIEGEL/93-4-227/AK622 2011729000	Cam for camlock 83-3-032		
K/RIEGEL/83-3-032/AK766 2011728998	Cam for camlock 83-3-032		
K/RIEGEL/83-3-032/AK769 2011728997	Cam for camlock 83-3-032		
HÜLSENMUTTER.83-3-032. MS.M19X1 2011405137	Sleeve hex nut/83-3-032/NI/M19X1 Nickel-plated Drawing 92-4-058		
HÜLSENMUTTER.83-3-032. MS.M19X1 2011405136	Sleeve hex nut/83-3-032/MS/M19X1 Brass Drawing no. 92-4-058		
MUTTER.83-3-032.NI.M19X1 2011405122	Hex nut/83-3-032/NI/M19X1 Nickel-plated Drawing no. 84-4-011		
MUTTER.83-3-032.MS. M19X1 2011404975	Hex nut/83-3-032/MS/M19X1 Brass dull Drawing no. 84-4-011		
MUTTER.83-3-032.CR. M19X1 2011609316	Hex nut/83-3-032/CR/M19X1 Chrome plated Drawing no. 84-4-011		

Camlocks

K.BMZ_4007 | Camlock Cylinder M27x1



Specification
- Housing made from solid natural brass, surface nickel-plated
- Housing with outside thread M27 × 1
- Width across flats 19.5 mm
- Without cam
- Closing direction right
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/BMZ/4007/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)
quattro S (K52)
gemini plus (K81)

Locking direction
Left (L)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Bronzed (BD)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Camlocks

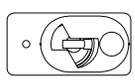
K.BMZ_4007 | Camlock Cylinder M27x1

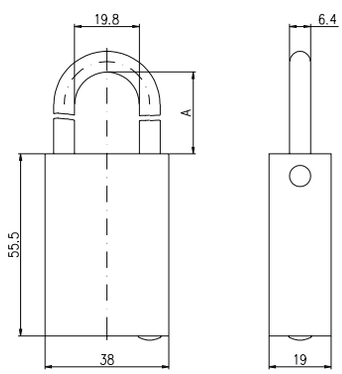
Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

Padlocks

K.VHS_90/92/93 | Padlock with Spring-Loaded Shackle





Application
Suitable for universal use indoors and outdoors. The shackle can be locked without a key by simply pushing it into the housing.

Specification
- Housing supplied in solid natural brass with nickel plating
- Shackle made of hardened steel, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/VHS/90/NI/... cylinder options
K/SYS/VHS/92/NI (without system and without insert)

Cylinder options as follows:

Clear shackle height	Shackle width	Type cylinder
25 mm	19.8 mm	90
50 mm	19.8 mm	92
76 mm	19.8 mm	93

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)

Padlocks

K.VHS_90/92/93 | Padlock with Spring-Loaded Shackle

gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Surface cylinder
Nickel-plated (NI)

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Nickel-plated chemically (INS-NIC)
Brass, untreated (INS-MSR)

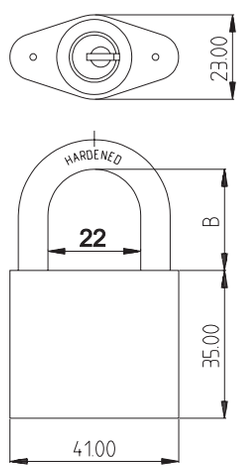
Shackle type
Shackle hardened steel (HS)
Shackle stainless (RF)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Tumbler pins
Pins rust-free (ZH_RF)

Padlocks

K.VHS_2001 | Padlock, 7 mm Shackle Diameter



Application
Suitable for universal use indoors and outdoors, key retraction only when the shackle is closed

Specification
- Housing supplied in solid natural brass with nickel plating
- The key can only be retracted when the shackle is in the locked position.
- Shackle made of hardened steel, chrome-plated or stainless steel
- Reversible key made from nickel silver
- Shackle diameter: 7mm
  For types N and P

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/VHS/2001/NI/... cylinder options

Cylinder options as follows:

Type cylinder	Clear shackle height	Shackle width	Shackle type
2001	24 mm	22 mm	Stainless steel, chrome-plated
2001B	40 mm	22 mm	Stainless steel, chrome-plated
2001C	24 mm	22 mm	Stainless steel (RF)
2001D	40 mm	22 mm	Stainless steel (RF)
2001F	70 mm	22 mm	Stainless steel (RF)
2001G	100 mm	22 mm	Stainless steel (RF)
2001N	24 mm	22 mm	Stainless steel (RF)
2001P	40 mm	22 mm	Stainless steel (RF)
2001S	24.5 mm	22 mm	Stainless steel (RF)

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)

Padlocks

K.VHS_2001 | Padlock, 7 mm Shackle Diameter

expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Nickel-plated chemically (INS-NIC)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Special exec. housing
7 mm drilling for chain (AK112)

Padlocks

K.VHS_2001H | Padlock with Woven Steel Cable

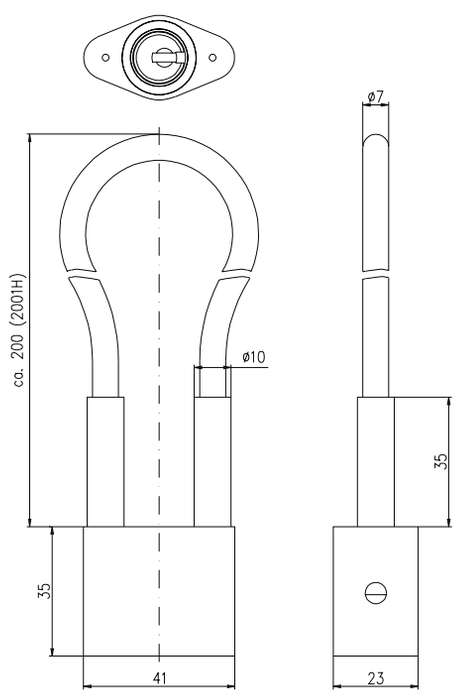
Application
Suitable for universal use indoors and outdoors. The key can only be retracted when the shackle is in the locked position. The steel cable can be ordered in six different lengths.

Specification
- Housing supplied in solid natural brass with nickel plating
- Steel wire cable instead of shackle with a clear PVC cover
- Cable length 450 mm
- Key extraction in the locked position only
- Reversible key made from nickel silver

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/VHS/2001H/NI/... cylinder options

Cylinder options as follows:



Padlocks

K.VHS_2001H | Padlock with Woven Steel Cable

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Nickel-plated chemically (INS-NIC)

Length of rope
Cable length 250 mm
Cable length 750 mm
Cable length 1 m
Cable length 2 m
Cable length 5 m
Cable length 10 m

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

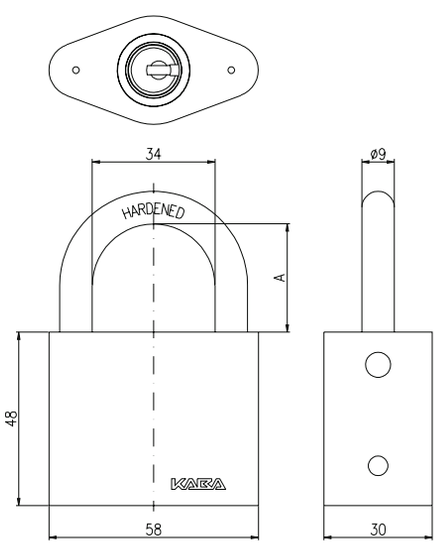
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Special exec. housing
7 mm drilling for chain (AK112)

Padlocks

K.VHS_2010 | Padlock, 9 mm Shackle Diameter



Application
Suitable for universal use indoors and outdoors, key retraction only when the shackle is closed

Specification
- Housing supplied in solid natural brass with nickel plating
- Shackle made of hardened steel, chrome-plated or stainless steel
- Reversible key made from nickel silver

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Shackle width
34 mm

Order example
expert plus (K83)/VHS/2010/NI/... cylinder options

Cylinder options as follows:

Type cylinder	Clear shackle height	Shackle type
2010	30 mm	Stainless steel, chrome-plated
2010B	50 mm	Stainless steel, chrome-plated
2010C	30 mm	Stainless steel (RF)
2010D	50 mm	Stainless steel (RF)
2010F	70 mm	Stainless steel (RF)
2010G	100 mm	Stainless steel (RF)

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)

Padlocks

K.VHS_2010 | Padlock, 9 mm Shackle Diameter

matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Nickel-plated chemically (INS-NIC)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Special exec. housing
4 mm drilling for chain (AK078)
7 mm drilling for chain (AK878)

Padlocks

K.VHS_2008 | Padlock, Heavy Duty

Application
Suitable for universal use indoors and outdoors. A key is required to open and lock the shackle.

Specification
- Housing made of cast stainless steel
- Shackle made of hardened steel, chrome-plated, diameter 12 mm
- Reversible key made from nickel silver

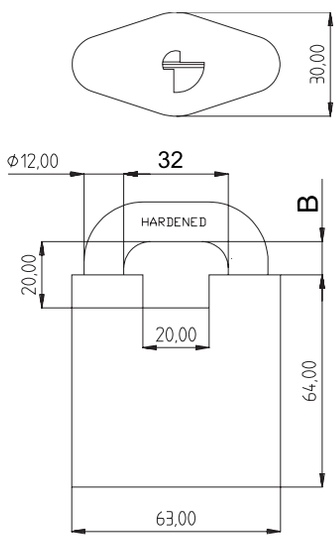
Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/VHS/2008/... cylinder options

Cylinder options as follows:

Clear shackle height	Type cylinder
20 mm	2008
30 mm	2008B

Type 2008



Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)

Padlocks

K.VHS_2008 | Padlock, Heavy Duty

gemini (K50)
expert (S) (K56)
No system (K00)

System type
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)

Surface insert side A
Brass, Dull nickel-plated brass (MS) – standard, unless ordered otherwise
Nickel-plated chemically (INS-NIC)

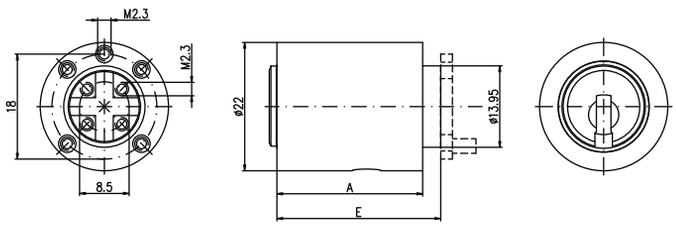
Shackle type
Shackle hardened steel (HS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Tumbler pins
Pins rust-free (ZH_RF)

Furniture Cylinders

K.MZ_1008c | Furniture Cylinder 1008C



Application
Universal cylinder for use in all types of furniture locks

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Key removal position 1 × 360°

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- 1 cam type M1
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
quattro plus (K58)/MZ/1008C/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

System type
Pre-assembled undrilled (VOUG)

Furniture Cylinders

K.MZ_1008c | Furniture Cylinder 1008C

Length of furniture cylinders (mm)
24,0
25,0
30,0
35,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0
85,0
95,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)
Bronzed (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Cam
Types and description see in the following

Key removal
2 × 180° (2x180)

Drilling and pulling protection side A
Anti-drill protec. insert

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

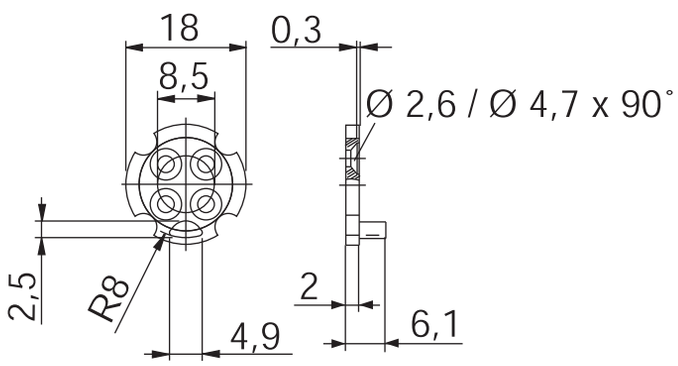
Cylinder fastening screw
With fixing screw M2.3 × 5.4

K.MZ_1008C | Cams

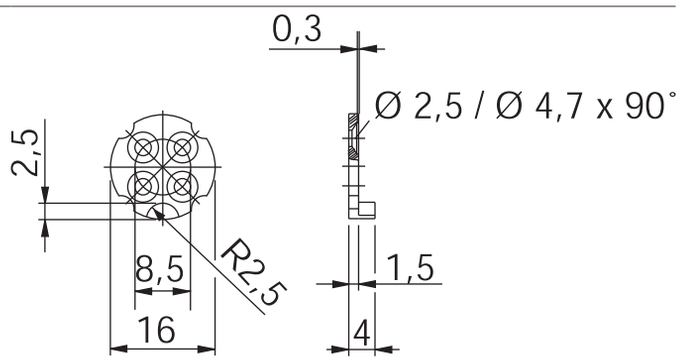
Description / Order code

Dim. drawing

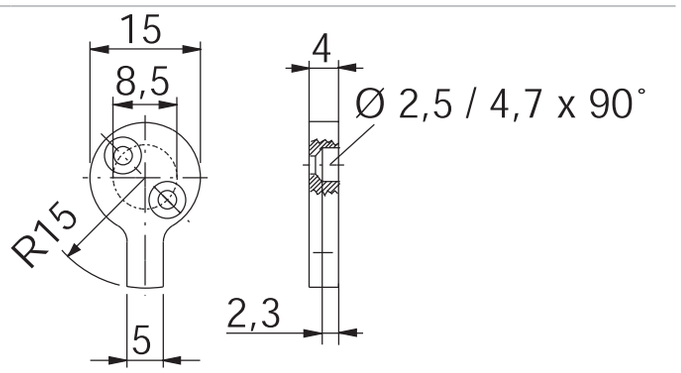
M1



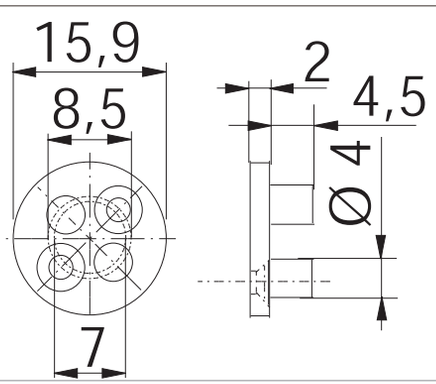
M2



M11



M11

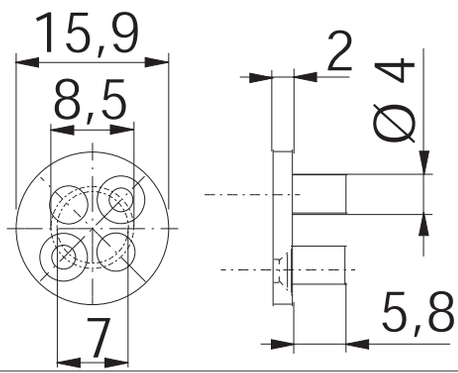


K.MZ_1008C | Cams

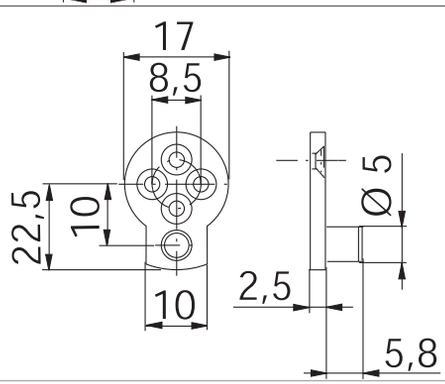
Description / Order code

Dim. drawing

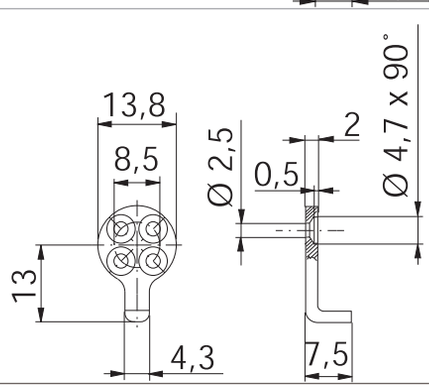
M11B



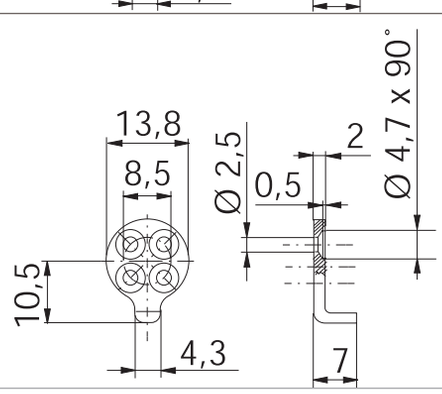
M43L



M44



M45

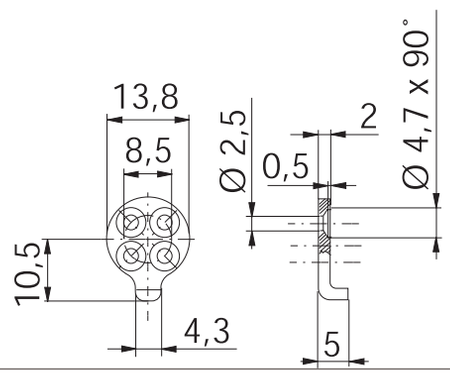


K.MZ_1008C | Cams

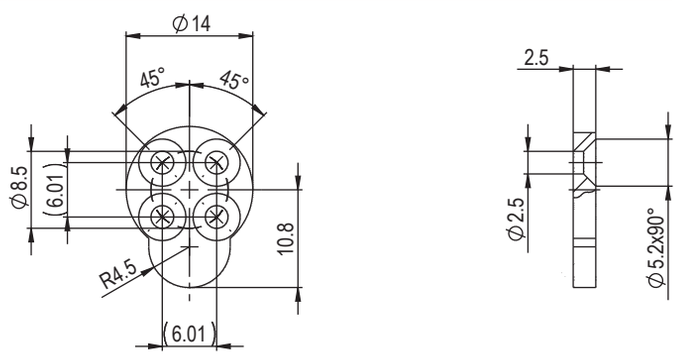
Description / Order code

Dim. drawing

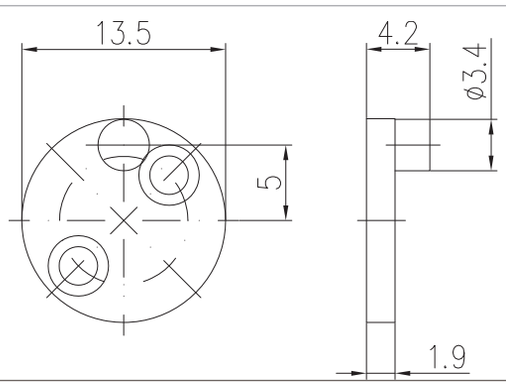
M46



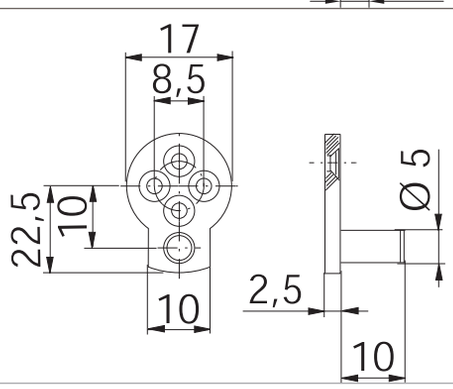
M48G



M71



M74

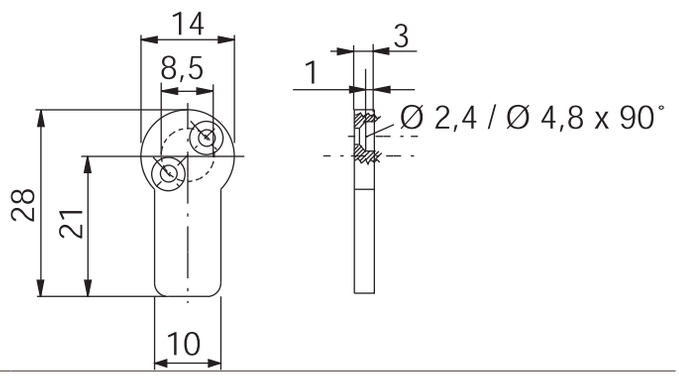


K.MZ_1008C | Cams

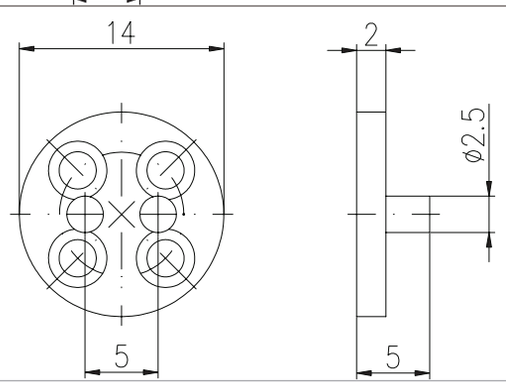
Description / Order code

Dim. drawing

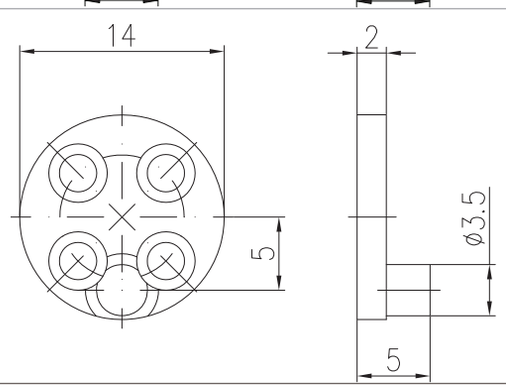
M75



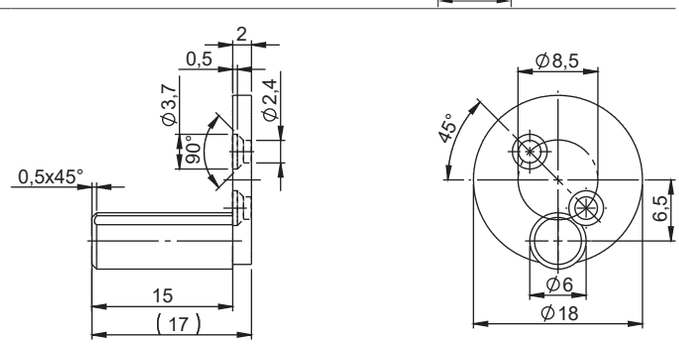
M93



M101



M-BENE



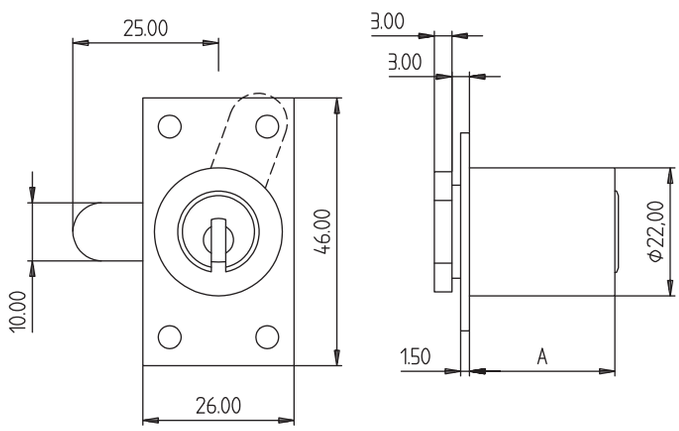
Furniture Cylinders

K.MZ_1032 | Furniture Cylinder

Application
Lock cylinders for furniture doors and drawers
The key cannot be removed from the cylinder when open.

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Key removal position 1 × 360°

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One cam type M5
- One fixing plate type BS13-A
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
quattro plus (K85)/MZ/1032/NI/25/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Furniture Cylinders

K.MZ_1032 | Furniture Cylinder

Locking direction
R = right, standard
Left (L)
S = drawer upward
SU = drawer downward

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0
85,0
95,0
Lengths 85 mm and 95 mm are only available with surface finish nickel plated (NI)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)
Bronzed (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

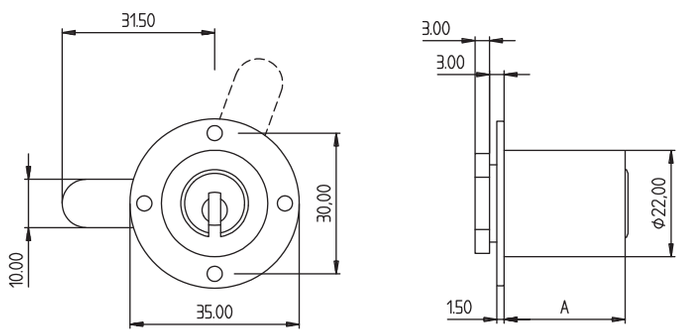
Tumbler pins
Pins rust-free (ZH_RF)

Furniture Cylinders

K.MZ_1033 | Furniture Cylinder

Application
Lock cylinders for furniture doors and drawers
The key cannot be removed from the cylinder when open.

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Key removal position 1 × 360°



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One cam type M6
- One fixing plate type BS5-A
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
quattro plus (K85)/MZ/1033/NI/25/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Furniture Cylinders

K.MZ_1033 | Furniture Cylinder

System type
Without insert (no_INS)

Locking direction
R = right, standard
Left (L)
S = drawer upward
SU = drawer downward

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0
85,0
95,0
Lengths 85 mm and 95 mm are only available with surface finish nickel plated (NI)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)
Bronzed (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

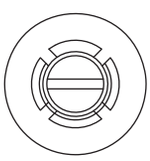
Tumbler pins
Pins rust-free (ZH_RF)

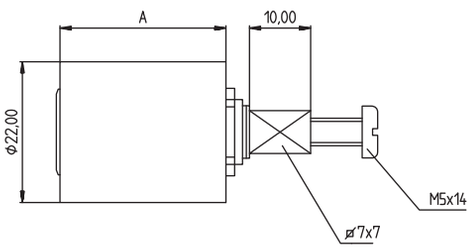
Furniture Cylinders

K.MZ_1057 | Furniture Cylinder for Espagnolette Locks

Application
For espagnolette locks with 7 mm square follower

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Key removal position 1 × 360°





Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- One machine screw M5 × 14
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions
- Note: When used with lock cases 3016 and 3017, fastening plate 3813 must be ordered separately.

Order example
quattro plus (K85)/MZ/1057/NI/25/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

Furniture Cylinders

K.MZ_1057 | Furniture Cylinder for Espagnolette Locks

System type
Cylinder assembled
Pre-assembled undrilled (VOUG)

Length of furniture cylinders (mm)
25,0
30,0
45,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Bronzed medium (BM)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Key removal
2 × 180° (2x180)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

Cyl. marking extra
Cylinder special marking AK919 (AK919)

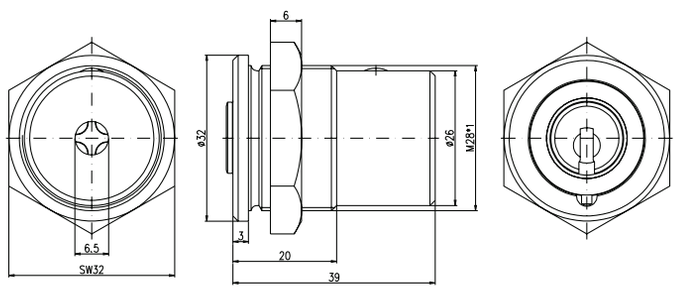
Furniture Cylinders

K.MZ_1180 | Furniture Cylinder 1180

Application
Cylinder is prepared for mechanical overrides in turnstiles.

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Key removal position 1 × 360°

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One cam type M48G
- One hex nut M28×1 / WAF 32 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Installed length
39 mm

Order example
quattro plus (K85)/MZ/1180/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Cylinders

K.MZ_1180 | Furniture Cylinder 1180

Surface cylinder
Nickel-plated (NI)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

Furniture Cylinders

K.MZ_80-3-070 | Furniture Cylinder with Hooked Cam

Application
Furniture cylinder for sliding and rolling doors
Key retraction when locked and opened, key turn 360°, cam movement 90°

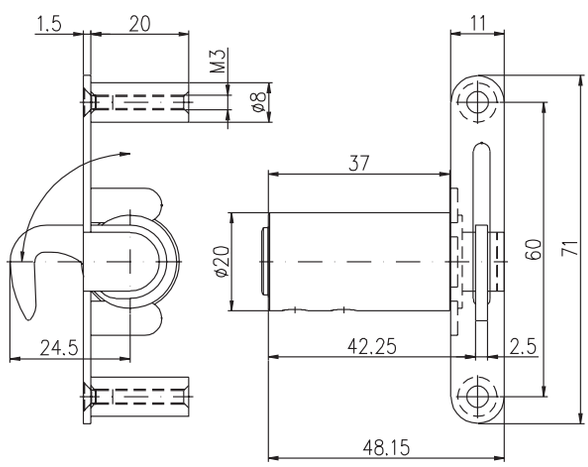
Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Closing direction right
- Key removal position 1 × 360°

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One cam 80-3-070
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

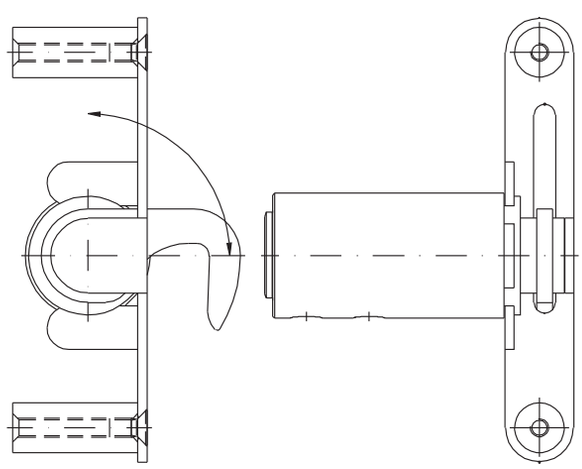
Installed length
37 mm

Order example
expert plus (K83)/MZ/80-3-070/NI/... cylinder options

Cylinder options as follows:



Right



Left

Furniture Cylinders

K.MZ_80-3-070 | Furniture Cylinder with Hooked Cam

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Locking direction
R = right, standard
Left (L)

Surface cylinder
Nickel-plated (NI)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

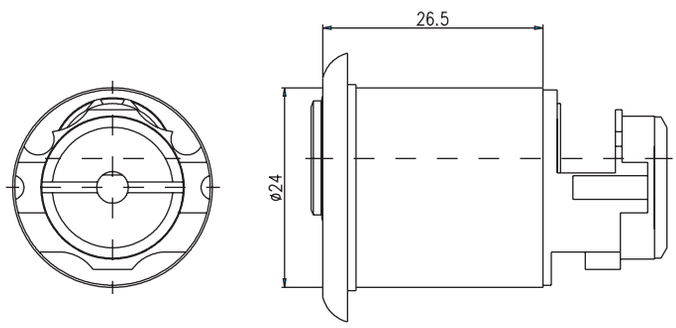
Accessories cylinder
Without holding panel

Furniture Cylinders

K.MZ_97-4-044 | Furniture Cylinder for Espagnolette- and Deadlocks

Application
For ASS furniture stop locks, types 1781, 1881 and 1882 (see chapter 'Furniture locks')
For ASS espagnolette locks, types 7581 and 7781 (see chapter 'Furniture locks')

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Rosette MN 1081/24
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/MZ/97-4-044/NI/26,5/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Cylinders

K.MZ_97-4-044 | Furniture Cylinder for Espagnolette- and Deadlocks

Length of furniture cylinders (mm)
26,5
31,5
36,5
41,5
46,5

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

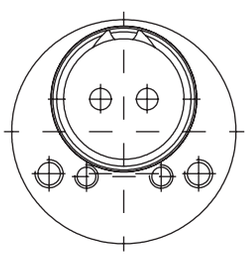
Tumbler pins
Pins rust-free (ZH_RF)

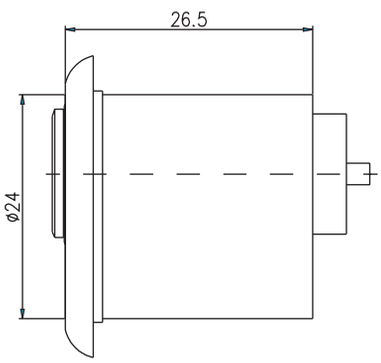
Furniture Cylinders

K.MZ_97-4-045 | Furniture Cylinder for Deadlock

Application
For furniture deadlock, type 1350 (see chapter 'Furniture locks')

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver





Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Rosette MN 1081/24
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/MZ/97-4-045/NI/26,5/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Cylinders

K.MZ_97-4-045 | Furniture Cylinder for Deadlock

Length of furniture cylinders (mm)
26,5
31,5
36,5
41,5
46,5
51,5

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

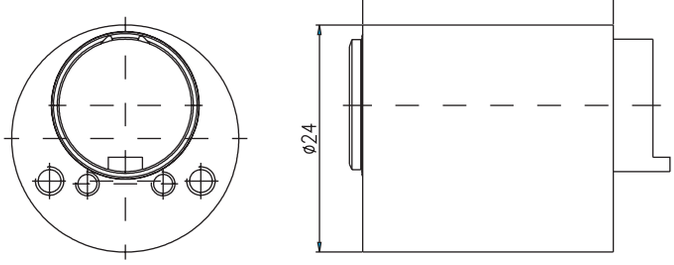
Furniture Cylinders

K.MZ_97-4-046 | Furniture Cylinder for Olive Handles

Application
For ASS handle olives, type 3561 (see chapter 'Furniture locks')

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Installed length
Standard – 26.5 mm

Order example
expert plus (K83)/MZ/97-4-046/NI/26,5/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Cylinders

K.MZ_97-4-046 | Furniture Cylinder for Olive Handles

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome, polished (CRP)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
2004 prepared side A

Tumbler pins
Pins rust-free (ZH_RF)

Furniture Cylinders

K.MZ_1129/1136 | Furniture Cylinder with Hooked Cam

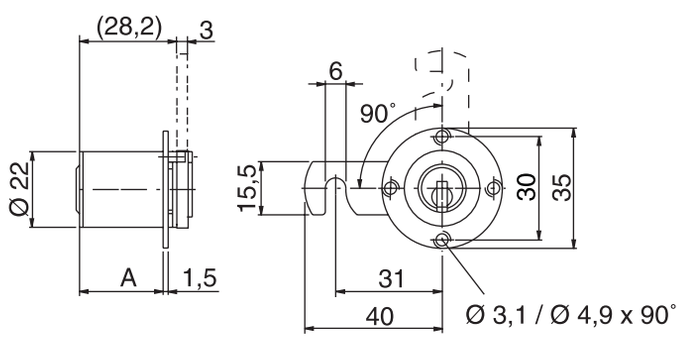
Application
Lock cylinders for furniture doors and drawers
Cam movement 90°, key retraction 360°

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- Locking way A
- Type 1129 – standard cam 1129-16, mountings plate BS-39
- Type 1136 – standard cam 1129-15, mounting plate BS plate, horizontal installation

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/MZ_1129_1136/1129/NI/A/25/... cylinder options

Type 1129

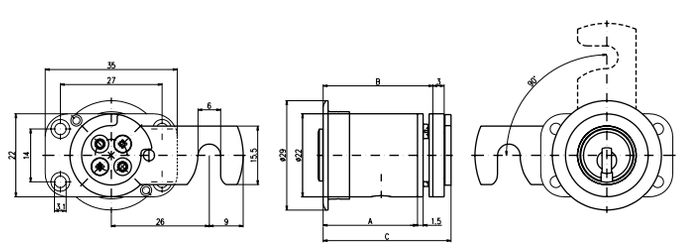


Type 1129

Cylinder options as follows:

Type 1136

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)



Type 1136

Furniture Cylinders

K.MZ_1129/1136 | Furniture Cylinder with Hooked Cam

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0 mm (Type 1129)
70,0 mm (Type 1129)
75,0 mm (Type 1129)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Key movement
Key movement A
Key movement B
Key movement C
Key movement D
Key movement E
Key movement F
Key movement G
Key movement H

Cams
Hook cam 1129-16, right, length 31 mm (1129-16)
Cam 1129-6, length 20 mm (1129-6)
Cam 1129-7, length 25 mm (1129-7)
Cam 1129-8, length 30 mm (1129-8)
Cam 1129-9, length 35 mm (1129-9)
Cam 1129-12, length 50 mm (1129-9)
Hook cam 1129-13, right, length 17 mm (1129-13)
Hook cam 1129-14, right, length 21 mm (1129-14)
Hook cam 1129-14A, right, length 23.5 mm (1129-14A)
Hook cam 1129-15, right, length 26 mm (1129-15)

Hook cam 1129-17, left, length 17 mm (1129-17)
Hook cam 1129-18, left, length 21 mm (1129-18)
Hook cam 1129-19, left, length 26 mm (1129-19)
Hook cam 1129-20, left, length 31 mm (1129-20)

Fixing plate
Install fixing plate horiz.
Install fixing plate vertical

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

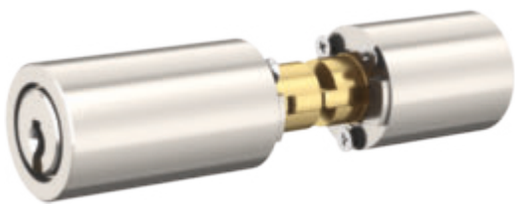
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Furniture Cylinders

K.MZ_1134_Double Cylinder Camlock, PICARD

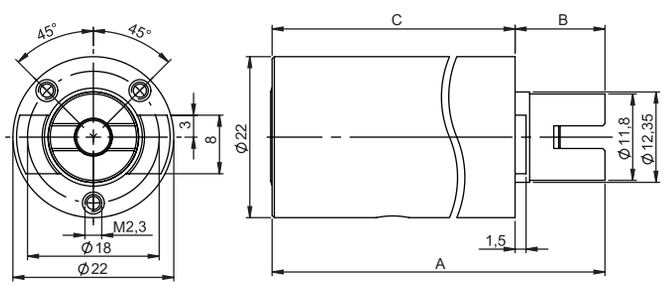
Application
Double furniture cylinder for Picard locks



Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/DZ_1134/A_B/NI = system expert plus K83/double cylinder 1134/28 mm outside – 38 mm inside/ nickel-plated



Zylinder	Maß A	Maß B	Maß C
1134A	36	7,65	28,15
1134A+	41	12,30	28,15
1134B	51	12,30	38,50
1134C	61	12,30	48,50
1134D	71	12,30	58,50

Doppelzylinder/Double Cylinder

Zylinder/Cylinder	Bestell/Order Code
1134A+1134A+	1134A/A+ 28/28
1134A+1134B	1134A/B 28/38
1134A+1134C	1134A/C 28/48
1134A+1134D	1134A/D 28/58

Cylinder options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
- **Dealer systems**
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
quattro S (K52)
gemini T (K54)
No system (K00)

Type cylinder
1134A/A (DZ) 28 + 28
1134A/B (DZ) 28 + 38
1134A/C (DZ) 28 + 48
1134A/D (DZ) 28 + 58

Surface cylinder
Nickel-plated (NI)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Furniture Cylinders

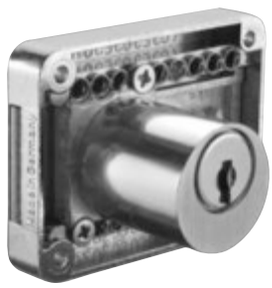
K.MZ_1134_Double Cylinder Camlock, PICARD

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

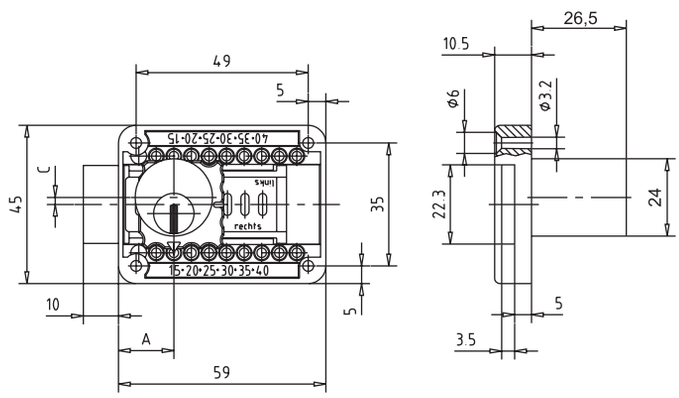
Furniture Locks

K.MAS_1350 | Furniture Deadlock with Adjustable Backset

Application
Can be used with left or right doors as well as on top and bottom locking drawers.
Surface-mounted bolt lock with adjustable backset (15–40 mm)



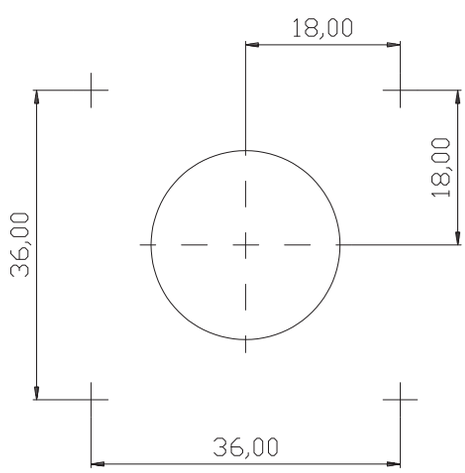
Specification
- Cylinder 97-4-045 (see chapter 'Furniture cylinders')
- Lock case made from nickel-plated metal
- Reversible key made from nickel silver
- Cylinder length 26.5 mm unless specified otherwise (see 'Lengths')



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')

Order example
expert plus (K83)/MAS/1350/NI/RE/15/26,5 = system expert plus K83/furniture lock/1350/nickel-plated/right/ backset 15 mm/cylinder length 26.5 mm

Cylinder options as follows:



Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Locks

K.MAS_1350 | Furniture Deadlock with Adjustable Backset

Locking direction
Without closing direction
R = right, standard
Left (L)

Backset (mm)
15, standard
20
25
30
35
40

Length of furniture cylinders (mm)
26,5
31,5
36,5
41,5
46,5
51,5

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Cam extension
Without

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

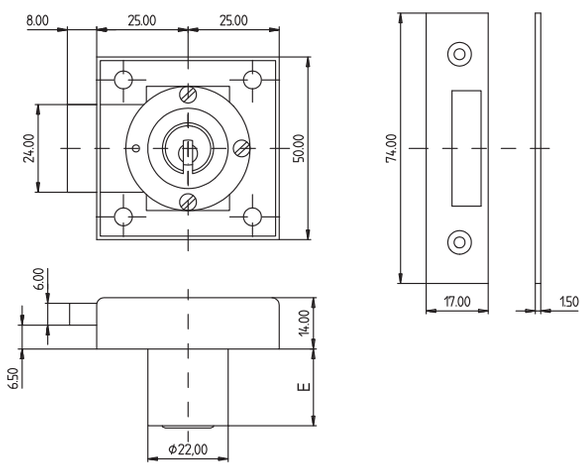
Tumbler pins
Pins rust-free (ZH_RF)

Furniture Locks

K.MAS_1074 | Furniture Deadlock

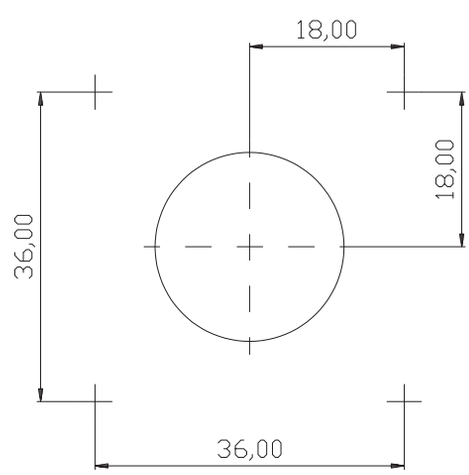
Application
Can be used with left or right doors as well as on top and bottom locking drawers.
Suitable for drawers locking from the top or bottom

Specification
- Cylinder 1008C (see chapter 'Furniture cylinders')
- Lock case made from nickel-plated metal
- Backset 25 mm
- Reversible key made from nickel silver
- Key can be retracted when lock is open.



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- 4 screws M4x30 mm, 2 screws M2.5x10 mm

Order example
expert plus (K83)/MAS/1074/NI/RE/25/25 = system
expert plus K83/surface-mounted furniture lock/1074/nickel-plated/right/cylinder length 25 mm/backset 25 mm



Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Locks

K.MAS_1074 | Furniture Deadlock

Locking direction
R = right, standard
Left (L)
S = drawer upward
SU = drawer downward

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Cam extension
Bolt 5 mm extended
Bolt 10 mm extended

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

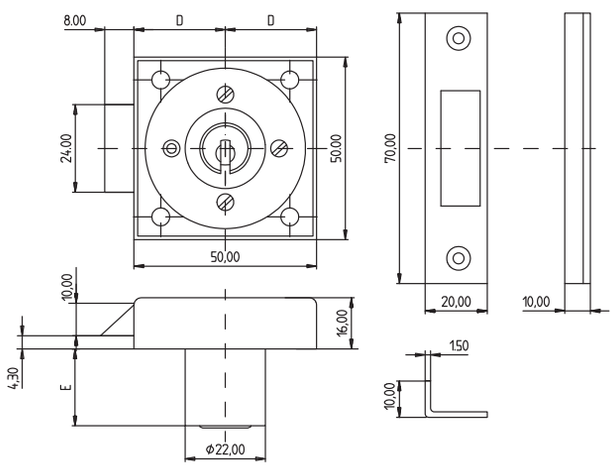
Cyl. marking extra
Cyl. w. special marking AK981

Furniture Locks

K.MAS_1075 | Furniture Latch Lock

Application
Can be used with left or right doors as well as on top and bottom locking drawers.
Suitable for drawers locking from the top or bottom

Specification
- Cylinder 1008C (see chapter 'Furniture cylinders')
- Lock case made from nickel-plated metal
- Backset 25 mm
- Spring loaded latch cannot be locked
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- 4 screws M4x30 mm, 2 screws M2.5x10 mm

Order example
expert plus (K83)/MAS/1075/NI/RE/25/25 = system expert plus K83/surface-mounted furniture latch lock/1075/nickel-plated/right/cylinder length 25 mm/ backset 25 mm

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Locks

K.MAS_1075 | Furniture Latch Lock

Locking direction
R = right, standard
Left (L)
S = drawer upward
SU = drawer downward

Backset (mm)
25, standard

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

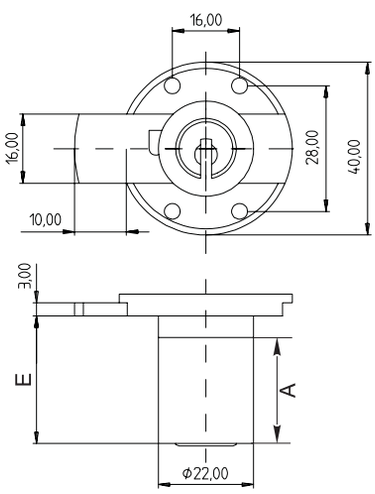
Cyl. marking extra
Cyl. w. special marking AK981

Furniture Locks

K.MAS_2006 | Furniture Deadlock

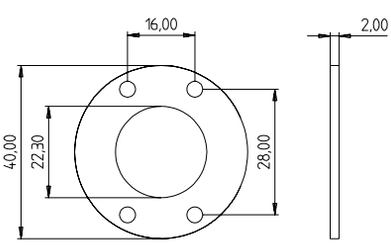
Application
Deadlock for flush or surface-mounted installation with screws for left- or right-hinged doors as well as top or bottom locking drawers.

Specification
- Cylinder 1008C (see chapter 'Furniture cylinders')
- Lock case made from nickel-plated metal
- Die-cast base, nickel-plated, zinc-plated steel bolt
- Backset/bolt length 20 mm
- Bolt throw: 10 mm
- Reversible key made from nickel silver
- Key can be retracted when lock is open.



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')

Order example
expert plus (K83)/MAS/2006/NI/RE/20/25 = system
expert plus K83/furniture deadlock/2006/nickel-plated/right/backset 20 mm/cylinder length 25 mm



Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Locks

K.MAS_2006 | Furniture Deadlock

Locking direction
R = right, standard
Left (L)
S = drawer upward
SU = drawer downward

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

(Not) to pull off
Key n. to pull – off

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

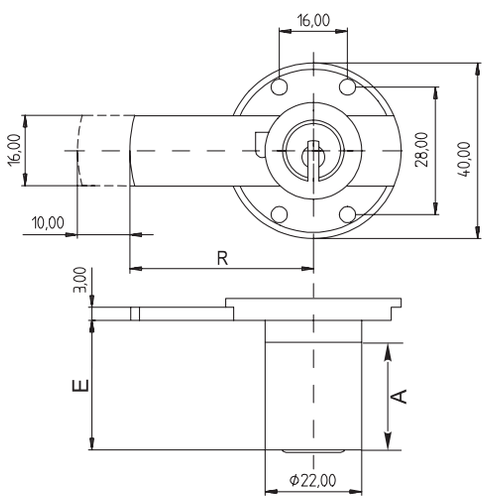
Cyl. marking extra
Cyl. w. special marking AK981

Furniture Locks

K.MAS_2006A | Furniture Deadlock

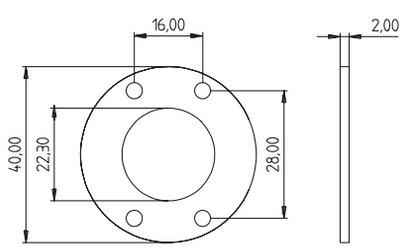
Application
Deadlock for flush or surface-mounted installation with screws for left- or right-hinged doors as well as top or bottom locking drawers.

Specification
- Cylinder 1008C (see chapter 'Furniture cylinders')
- Lock case made from nickel-plated metal
- Die-cast base, nickel-plated, zinc-plated steel bolt
- Backset/Bolt length: 30, 40, 50, 60, 80 or 100 mm
- Bolt throw: 10 mm
- Reversible key made from nickel silver
- Key can be retracted when lock is open.



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')

Order example
expert plus (K83)/MAS/2006A/NI/RE/30/25 = system expert plus K83/furniture deadlock/2006A/nickel-plated/ right/backset 30 mm/cylinder length 25 mm



Cylinder options as follows:

Technical system
- **Dealer systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Factory systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Locks

K.MAS_2006A | Furniture Deadlock

Locking direction
R = right, standard
Left (L)
S = drawer upward
SU = drawer downward

Backset (mm)
30, standard
40
50
60
80
100

Length of furniture cylinders (mm)
25,0
30,0
31,5
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Cyl. marking extra
Cyl. w. special marking AK981

Furniture Locks

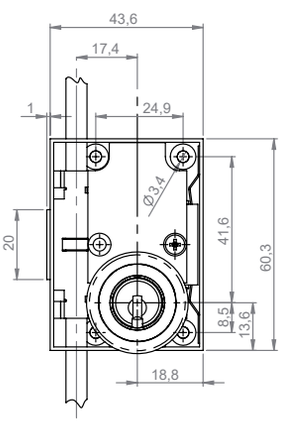
K.MES_2345 | Espagnolette Lock 2345

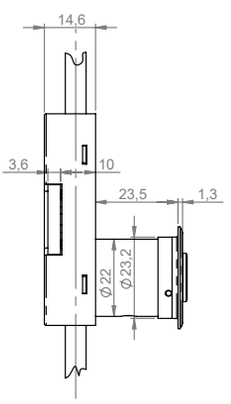
Application
For left- and right-hinged wardrobe doors
Replaces discontinued espagnolette locks 1345, 78-4-007 and piccolo nova

Specification
- Lock case made of nickel-plated sheet metal
- Housing supplied in solid natural brass, nickel-plated
- Backset 25 mm
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One lock case 2345
- One furniture cylinder 1008C
- One rosette 1008A-25
- One drive rod 1,930 mm long
- One hookbolt set MZU.747.NI

Order example
expert plus (K83)/MES/2345/R/35/NI/... cylinder options





Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Furniture Locks

K.MES_2345 | Espagnolette Lock 2345

Locking direction
R = right, standard
Left (L)

Length of furniture cylinders (mm)
25,0
30,0
35,0
40,0
45,0
50,0
55,0
60,0
65,0
70,0
75,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Brass, polished (MP)
Bronzed medium (BM)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

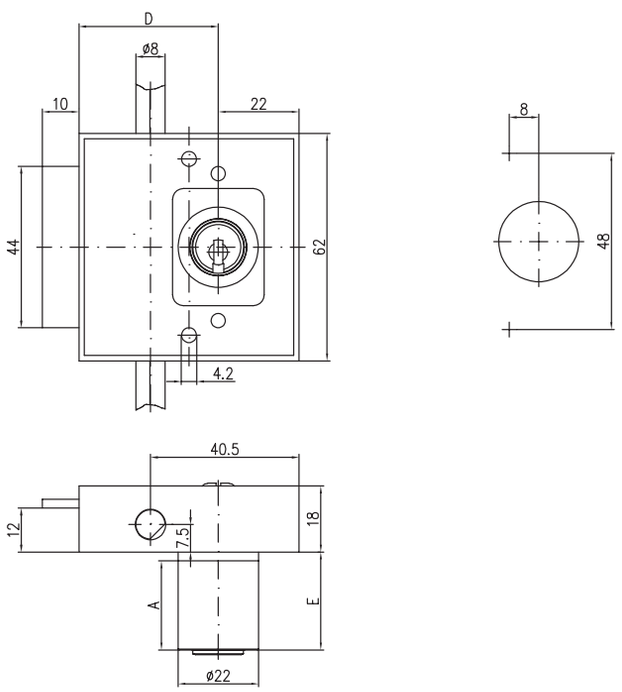
Accessories cylinder
Without trick pole (no_DS)
Trick pole 2.5 m (1DS_2.5)

Furniture Locks

K.MES_3017 | Espagnolette Lock, TERZA

Application
For revolving doors of all types, with 7 mm square hub
For cylinder olives or blind olives with 7 mm square rod or for cylinder type 1057
Key can only be removed when closed.

Specification
- Nickel-plated steel case and mortise plate
- Lock cylinder type 1057 brass, nickel-plated (see chapter 'Furniture cylinders')
- Reversible key made from nickel silver
- Zinc die-cast catch hooks, nickel-plated
- Backset 28 mm



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One rosette 1008A-25
- One drive rod, dia. 8 mm × 2,000 mm long
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/MES/3017/R/25/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)

Furniture Locks

K.MES_3017 | Espagnolette Lock, TERZA

gemini S (K53)
gemini (K50)
expert (S) (K56)

Locking direction
R = right, standard
Left (L)

Length of furniture cylinders (mm)
25,0
30,0
45,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Brass, polished (MP)
Bronzed medium (BM)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

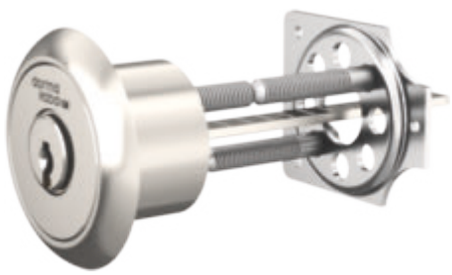
Tumbler pins
Pins rust-free (ZH_RF)

Accessories cylinder
Without trick pole (no_DS)
Trick pole 2.5 m (1DS_2.5)

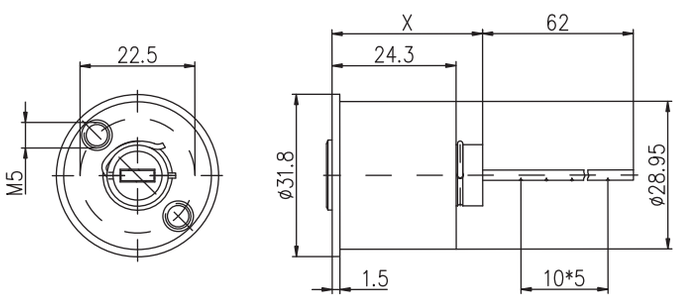
Outside Rim Cylinders

K.AZ_1007 | Outside Rim Cylinder, centric, diameter 29 mm

Application
Outside lock cylinder for surface-mounted locks, suitable for door thicknesses from 35 to 80 mm
Also suitable for surface-mounted lock series 1200, backset 45 mm



Specification
- Housing made from solid natural brass, surface nickel-plated
- Tailpiece can be turned 90° and can be shortened to length.
- With tailpiece 1007.50-24
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Two ea. cylinder fastening screws M5 × 65 mm
- One rosette 1007-11
- One backplate type BS 31
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/AZ/1007/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)

Outside Rim Cylinders

K.AZ_1007 | Outside Rim Cylinder, centric, diameter 29 mm

gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

System type
Pre-assembled undrilled (VOUG)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
Bronzed (BD)
Bronzed medium (BM)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

Tailpiece
Without connecting bar (no_TA)
Connecting bar 1007/150 mm (TA_1007-150)
Connecting bar AK559 (TA_AK559)

Access function
Service function SAT1 (SAT1)

Special function
AK559 (KSS)

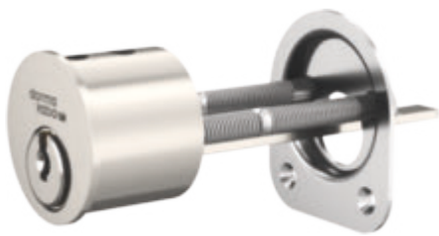
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

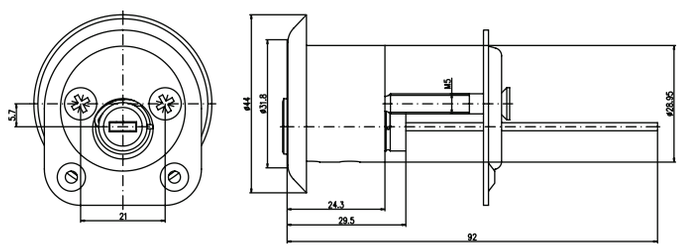
Outside Rim Cylinders

K.AZ_89-4-007 | Outside Rim Cylinder, excentric, diameter 29 mm

Application
Outside lock cylinder for surface-mounted locks, suitable for door thicknesses from 35 to 80 mm
Suitable for surface-mounted locks with Swiss mounting plates



89-4-007



Specification
- Housing made from solid natural brass, surface nickel-plated
- Tailpiece can be turned 90° and can be shortened to length.
- With tailpiece 1007.50-24
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Two ea. cylinder fastening screws M5 × 65 mm
- One rosette 1007-11
- One backplate type BS 31
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/AZ/89-4-007/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)

Outside Rim Cylinders

K.AZ_89-4-007 | Outside Rim Cylinder, excentric, diameter 29 mm

gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

System type
Pre-assembled undrilled (VOUG)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

Tailpiece
Without connecting bar (no_TA)
Connecting bar 1007/150 mm (TA_1007-150)

Drilling and pulling protection side A
Anti-drill protec. insert

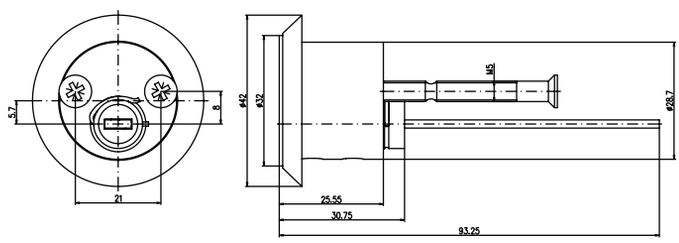
Construction time function
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Outside Rim Cylinders

K.AZ_95-4-131 | Outside Rim Cylinder, diameter 29 mm



Application
Outside lock cylinder for surface-mounted locks, suitable for door thicknesses from 35 to 80 mm
Suitable for surface-mounted locks

Specification
- Housing made from solid natural brass, surface nickel-plated
- Tailpiece can be turned 90° and can be shortened to length.
- With tailpiece 1007.50-24
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Two ea. cylinder fastening screws M5 × 65 mm
- One rosette ZUST/18R/29
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/AZ/95-4-131/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)

Outside Rim Cylinders

K.AZ_95-4-131 | Outside Rim Cylinder, diameter 29 mm

gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

System type
Pre-assembled undrilled (VOUG)
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

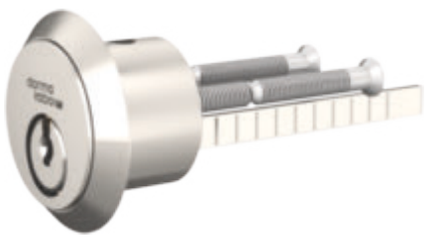
Tailpiece
Without connecting bar (no_TA)
Connecting bar 1007/150 mm (TA_1007-150)

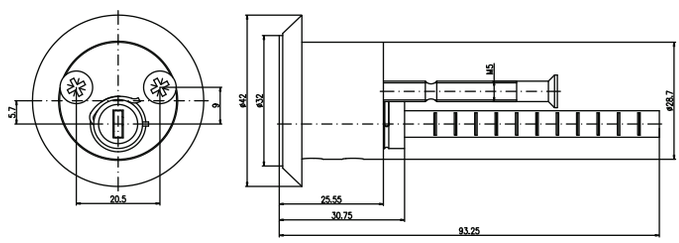
Special function
AK681 (thumbturn knob)

Tumbler pins
Pins rust-free (ZH_RF)

Outside Rim Cylinders

K.AZ_96-4-001 | Outside Rim Cylinder, diameter 29 mm





Application
Outside lock cylinder for surface-mounted locks, suitable for door thicknesses from 35 to 80 mm
Suitable for EVVA types K513, K900 and K910-K950

Specification
- Housing made from solid natural brass, surface nickel-plated
- Tailpiece can be turned 90° and can be shortened to length.
- With tailpiece 1007.50-24
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Two ea. cylinder fastening screws M5 × 65 mm
- One rosette ZUST/18R/29
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/AZ/96-4-001/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)

Outside Rim Cylinders

K.AZ_96-4-001 | Outside Rim Cylinder, diameter 29 mm

gemini S (K53)
gemini (K50)
expert (S) (K56)
No system (K00)

System type
Cylinder assembled w/o keying
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)
Bronzed (BD)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

Tailpiece
Without connecting bar (no_TA)
Connecting bar 1007/150 mm (TA_1007-150)

Construction time function
Construction time function - double life (BAZ)

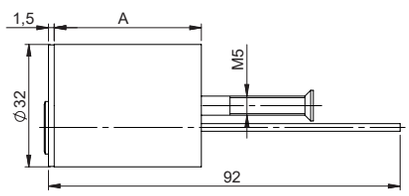
Tumbler pins
Pins rust-free (ZH_RF)

Outside Rim Cylinders

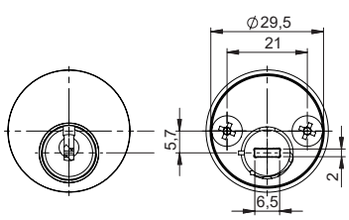
K.AZ_1508 | Outside Rim Cylinder, excentric, diameter 32 mm

Application
Eccentric for garage door locks, suitable for wooden panels from 30 to 80 mm

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver
- With tailpiece 1007.50-24



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Two ea. cylinder fastening screws, M5 × 60 mm
- Spacer sleeve 40 mm standard
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
penta (K84)/AZ/1508/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Outside Rim Cylinders

K.AZ_1508 | Outside Rim Cylinder, excentric, diameter 32 mm

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

Tailpiece
Without connecting bar (no_TA)
Connecting bar 1007/150 mm (TA_1007-150)

Construction time function
Construction time function - double life (BAZ)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Distance sleeve (mm)
33
35
40
50
55
60
70
80
90

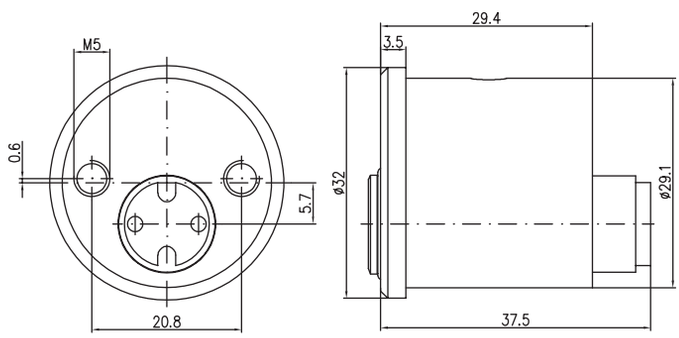
Outside Rim Cylinders

K.AZ_120K5-V1K | Outside Rim Cylinder for Lockwood and ORB Security Locks

Application
Suitable for LOCKWOOD 205, 207, 255 and 257 deadlocks, inside cylinders only and ORB security locks

Specification
- Housing made of natural brass, chrome-plated
- Reversible key made from nickel silver

Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
expert plus (K83)/AZ/120K5-V1K/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)

Surface cylinder
Chrome-plated (CR)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

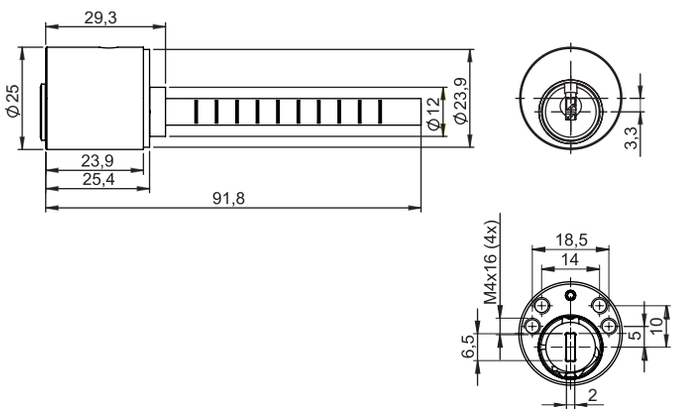
Tumbler pins
Pins rust-free (ZH_RF)

Outside Rim Cylinders

K.AZ_AK745 | Outside Rim Cylinder for CISA Surface-Mounted Lock

Application
Cylinder for CISA surface-mounted locks, can be used together with inside cylinder IZ.AK285 (see chapter 'Inside cylinders')

Specification
- Housing made from solid natural brass, surface nickel-plated
- Tailpiece can be shortened to length as required.
- With tailpiece 1007.50-24
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/AZ/AK745/NI/... cylinder options

Cylinder options as follows:

Outside Rim Cylinders

K.AZ_AK745 | Outside Rim Cylinder for CISA Surface-Mounted Lock

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

System type
Pre-assembled undrilled (VOUG)
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Brass, polished (MP)
Brass, full polished (AK830)

Tailpiece
Connecting bar 1007/150 mm (TA_1007-150)

Access function
Service function SAT1 (SAT1)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

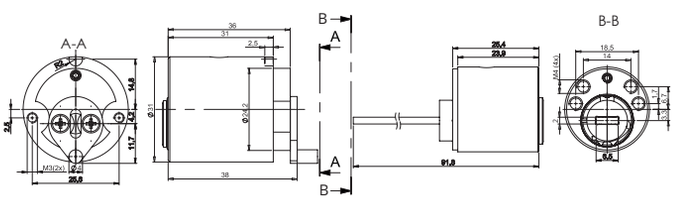
Tumbler pins
Pins rust-free (ZH_RF)

Outside Rim Cylinders

K.AZIZ/AK285_745 | Outside and Inside Cylinders for CISA Electric Locks

Application
Cylinder set for CISA EST electric locks

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/AZIZ/AK285_745/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
gemini plus (K81)

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)

Access function
Service functions SAT1 A + SAT1 B (SAT1-A_SAT1-B)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)
Insert dust protection cap 2004 side B (2004-B)
Insert dust protection cap 2004 side A and B (2004-AB)

Outside Rim Cylinders

K.AZIZ/AK285_745 | Outside and Inside Cylinders for CISA Electric Locks

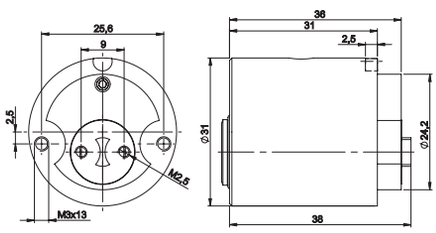
Tumbler pins
Pins rust-free (ZH_RF)

Inside Rim Cylinders

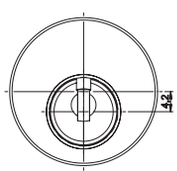
K.IZ_AK285 | Inside Rim Cylinder for CISA Electric Lock

Application
Inside cylinder for CISA electric locks, can be used together with outside cylinder AZ.AK745 (see chapter 'Outside rim cylinders')

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder
- Three reversible keys with a plastic clip (specify separately, see chapter 'Keys with systems and clips' for options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
expert plus (K83)/IZ/AK285/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Inside Rim Cylinders

K.IZ_AK285 | Inside Rim Cylinder for CISA Electric Lock

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Brass, polished (MP)

Surface insert side A
The insert surface finish corresponds to the selected cylinder surface finish in the standard version. Natural brass (INS MS roh) is available for all cylinder finishes except chemically nickel-plated NIC.

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

K.SZO_1007F | Key Switch Cylinder, without switch element

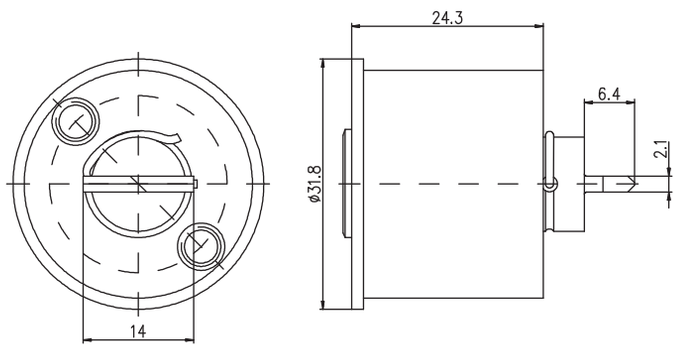
Application
Switch cylinder with flat tailpiece, tailpiece standard with radial play

Specification
- Housing supplied in solid natural brass with nickel plating
- Housing diameter 31.8 mm
- Plastic drive arm widths: 12 mm and 14 mm
- Brass drive arm widths: 6.7 mm and 11.85 mm
- Option key retraction 2 × 180° is only possible with quattro and expert systems (four pin rows).
- Reversible key made from nickel silver

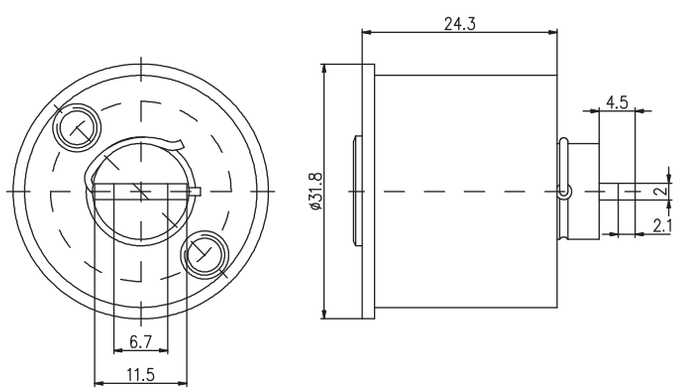
Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Plastic key clip in black for penta (K84), in dark blue for all other systems
- Plastic drive arm 12 mm unless otherwise specified
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/SZO/1007F/NI/... cylinder options

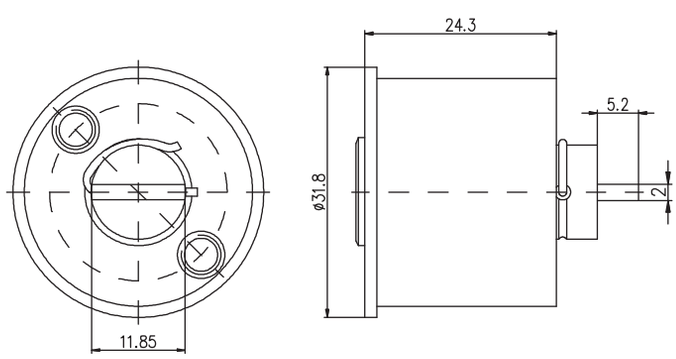
Cylinder options as follows:



With tailpiece 1007F.STD, Drwg. 98-4-107



With Tailpiece 1007F.40, Drwg. 98-4-103



With tailpiece 1007F.56, Drwg. 98-4-105

Key Switch Cylinders

K.SZO_1007F | Key Switch Cylinder, without switch element

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

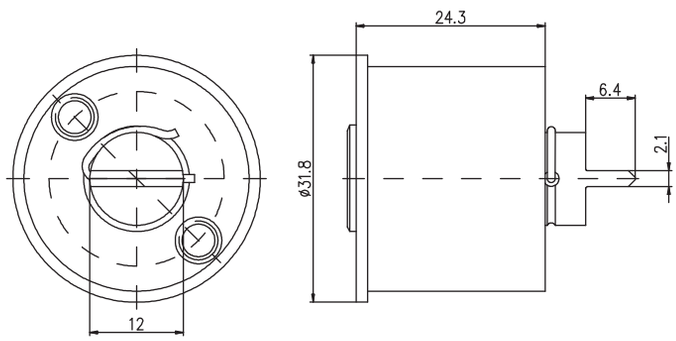
Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Bronzed medium (BM)
Bronzed (BD)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Nickel-plated grinded (INS-NIG)
Brass, untreated (INS-MSR)

Tailpiece
Tailpiece 1007-56 (TA_1007-56)
Tailpiece 1007-40 (TA_1007-40)
Tailpiece 1007F-STD (TA_98-4-107)
Tailpiece 1007-39P (TA_1007-39P)

Key removal
1 × 360° (1x360)
2 × 180° (2x180)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)



With tailpiece 1007F.39P, Drwg. 98-4-101

Key Switch Cylinders

K.SZO_1007F | Key Switch Cylinder, without switch element

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

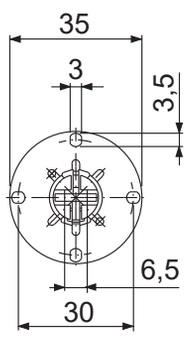
Cyl. marking extra
Cylinder marking AK656 (AK656)

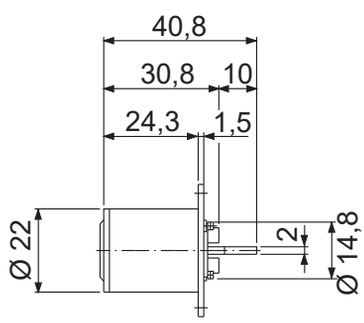
Key Switch Cylinders

K.SZO_1065B/1065C | Key Switch Cylinder, without switch element

Application
Key switch cylinder without switch element for multiple retraction settings

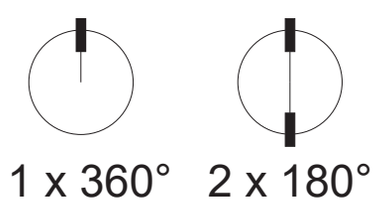
Specification
- Type 1065B – key retraction 2 × 180°
  Type 1065C – key retraction 1 × 360°
- Option key retraction 2 × 180° is only possible with quattro and expert systems (four pin rows).
- Housing made of brass, nickel-plated
- Housing diameter 22 mm
- With tailpiece 1007-44
- Mounting plate BS-5
- Reversible key made from nickel silver





Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example



Cylinder options as follows:
penta (K84)/SZO/1065C/NI/... cylinder options

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Key Switch Cylinders

K.SZO_1065B/1065C | Key Switch Cylinder, without switch element

System type
Cylinder assembled
Pre-assembled undrilled (VOUG)
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Chrome-plated (INS-CR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

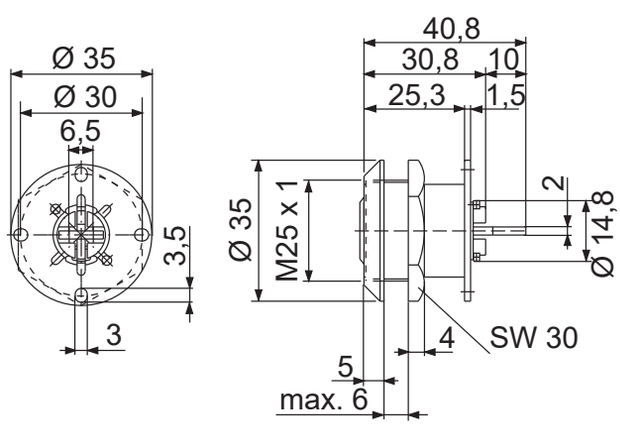
Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

K.SZO_1065BZ/1065CZ | Key Switch Cylinder, without switch element

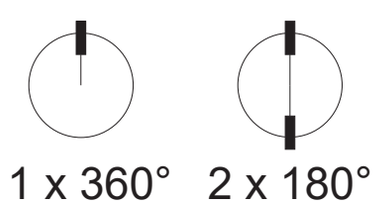
Application
Key switch cylinder without switch element for multiple retraction settings

Specification
- Type 1065BZ – key retraction 2 × 180°
  Type 1065CZ – key retraction 1 × 360°
- Option key retraction 2 × 180° is only possible with quattro and expert systems (four pin rows).
- Housing made of brass, nickel-plated
- Housing diameter M25 × 1
- With tailpiece 1007-44
- Mounting plate BS-5
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/SZO/1065CZ/NI/... cylinder options



Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Key Switch Cylinders

K.SZO_1065BZ/1065CZ | Key Switch Cylinder, without switch element

System type
Cylinder assembled
Pre-assembled undrilled (VOUG)
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Chrome-plated (INS-CR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

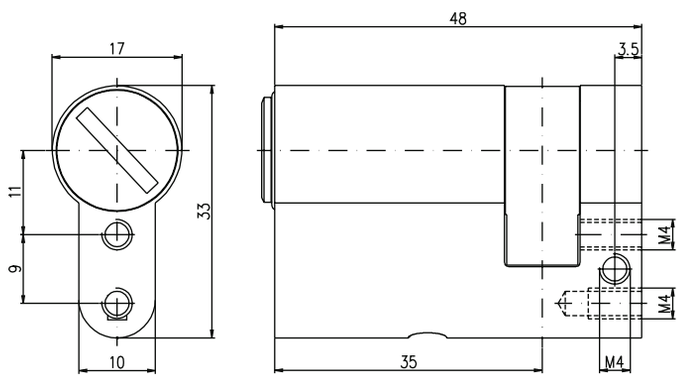
K.SZO_87-3-008 | Key Switch Cylinder, without switch element

Application
Key switch cylinder without switch elements in Euro profile 17 mm

Specification
- Housing made from solid natural brass, surface nickel-plated
- Two threaded bores M4 on the back side of the housing
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/SZO/87-3-008/NI/... cylinder options



Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Key Switch Cylinders

K.SZO_87-3-008 | Key Switch Cylinder, without switch element

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, untreated (INS-MSR)

Key movement
Relative movement 3-9 right (RB_3-9_R)

Cam
With cam R17

Cam with screw
Standard: 30°
Optional: 0° to 360° in 15° steps

Drilling and pulling protection side A
Anti-drill protec. insert

Access function
Duplo function side A (DF-A)
Service function SAT1 (SAT1)
Access functions are only available for limited technical systems. See chapter 'Special functions'.

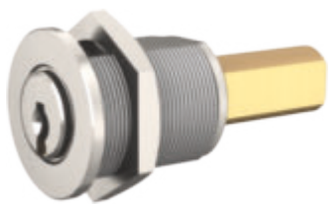
Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)
Construction time function is only available for limited technical systems. See chapter 'Special functions'.

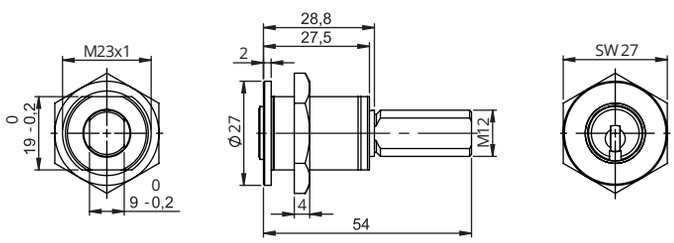
Dust cover
Dust and splash protection side A (SSW-A)
Insert dust protection cap 2004 side A (2004-A)

Backmilled side A
Backmilled 2 mm side A (RG2-A)
Backmilled 3 mm side A (RG3-A)
Backmilled 3.6 mm side A (RG3.6-A)
Backmilled 5 mm side A (RG5-A)

Key Switch Cylinders

K.SZO_AK794 | Key Switch Cylinder, without switch element, for rail vehicles





Application
Key switch cylinder without switch elements for rolling stock

Specification
- Housing supplied in solid natural brass, nickel-plated
- Coupling with thread M12
- Key removal position 1 × 360°
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One hex nut M23/27 hex
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
gemini plus (K87)/SZO/AK794/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
gemini plus (K87)
- **Legacy systems**
gemini S (K53)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

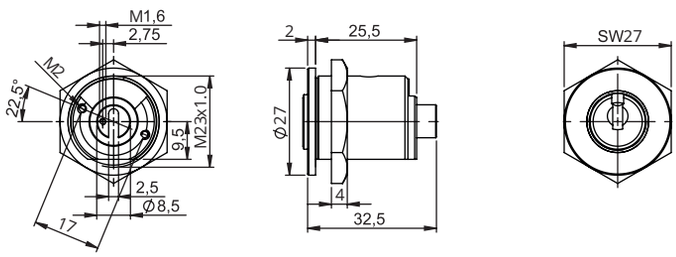
Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

K.SZO_AK854 | Key Switch Cylinder, without switch element, with special coupling

Application
Adaptation of key switch cylinder 85-3-033 designed for HESA Milano

Specification
- Housing supplied in solid natural brass, nickel-plated
- Option key retraction 2 × 180° is only possible with quattro and expert systems (four pin rows).
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- One hex nut M23/27 hex
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
quattro plus (K58)/SZO/AK854/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
- **Dealer systems**
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)

Key removal
1 × 360° (1x360)
2 × 180° (2x180)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

K.SZO_1262 | Key Switch Cylinder for Rotary Selection Switches, without switch element

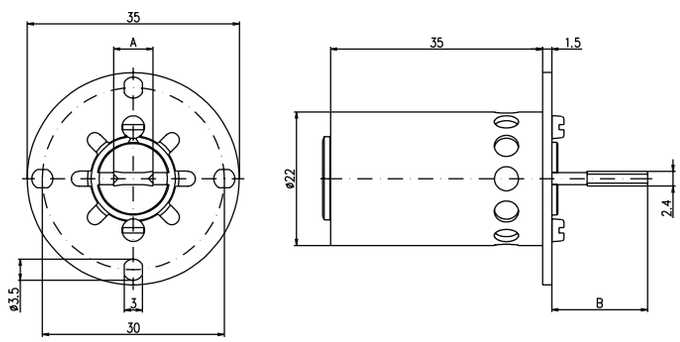
Application
Key switch with multiple retraction points for rotary selector switches
All key retraction positions per type are bored unless otherwise specified.
For restricted key rotation (X in the order code), specify the retraction positions required as per the illustrations below for 4 × 90°, 6 × 60°, 8 × 45° and 1 × 360°.

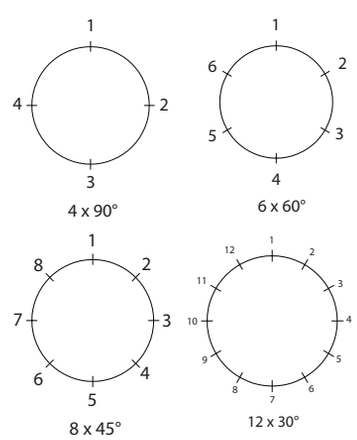
Specification
- Housing made from solid natural brass, surface nickel-plated
- Housing diameter 22 mm
- Cam from nickel silver
- Reversible key made from nickel silver
- Types A, AB, B, C, D, T with attachment plate BS-29
  Types G, TA without attachment plate

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Installed length
35 mm

Order example
expert plus (K83)/SZO/1262A/NI/... cylinder options





Key retraction positions for X types

Cylinder options as follows:

Type cylinder	Tailpiece	Key removal
1262 A	With tailpiece 1262-13/20	4 × 90°
1262 AB	With tailpiece 1262-15/11	4 × 90°
1262 B	With tailpiece 1262-13/20	6 × 60°
1262 C	With tailpiece 1262-13/20	8 × 45°
1262 D	With tailpiece 1262-13/20	12 × 30°
1262 G	With tailpiece 1262-15/16	8 × 45°
1262T	With tailpiece 1262-13/20	1 × 360° (1x360)
1262TA	With tailpiece 1262-17/11	1 × 360° (1x360)

Key Switch Cylinders

K.SZO_1262 | Key Switch Cylinder for Rotary Selection Switches, without switch element

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
expert (S) (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

X-withdrawal position
With X-withdrawal position
Examples:
.../X/Pos_1/Pos_4/...
.../X/Pos_2/N_Pos_4/...

Withdrawal position 1
No key removal pos. 1
Key removal pos. 1

Withdrawal position 2
No key removal pos. 2
Key removal pos. 2

Withdrawal position 3
No key removal pos. 3
Key removal pos. 3

Withdrawal position 4
No key removal pos. 4
Key removal pos. 4

Withdrawal position 5
No key removal pos. 5
Key removal pos. 5

Withdrawal position 6
No key removal pos. 6
Key removal pos. 6

Withdrawal position 7
No key removal pos. 7
Key removal pos. 7

Withdrawal position 8
No key removal pos. 8
Key removal pos. 8

Withdrawal position 9
No key removal pos. 9
Key removal pos. 9

Withdrawal pos. 10
No key removal pos. 10
Key removal pos. 10

Withdrawal pos. 11
No key removal pos. 11
Key removal pos. 11

Withdrawal pos. 12
No key removal pos. 12
Key removal pos. 12

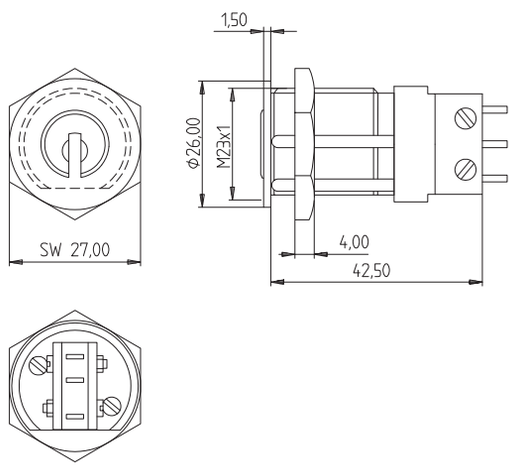
Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

K.SZM_85-3-033 | Key Switch Cylinder, with switch element, M23x1



Application
Key switch cylinder with key retraction settings, on/off or as impulse switch
1 × 90° – key exits in 'off' position only. Cylinder with a stop in both positions.

1 × 90° impulse – key exits in 'off' position only. Cylinder remains in 'on' position under applied key torque only.

2 × 180° – key exits in 'off' and 'on' position. Cylinder with a stop in both positions. Only available in cylinder systems quattro and expert.

1 × 360° – key exits in 'off' and 'on' position. Key makes a turn of 360°

Specification
- Housing supplied in solid natural brass, nickel-plated
- Nickel-plated brass hex fastening nut
- Hex fastening nut, nickel-plated M23 × 1, width across flats 27 mm
- Impulse switch with spring to return the key to the 0° position
- Microswitch 250 V/5 A, two channels (= one opener and one closer)
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Installed length
42.5 mm

Order example
expert plus (K83)/SZM/85-3-033/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**

Key Switch Cylinders

K.SZM_85-3-033 | Key Switch Cylinder, with switch element, M23x1

expert cross (K89)
expert plus (K83)
expert (K56)
expert (S) (K56)
matrix plus (K86, Twincode)
matrix (K59)
eco (K82)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

Surface cylinder
Nickel-plated (NI)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
Bronzed medium (BM)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Key removal
1 × 90°
1 × 90° Impuls
2 × 180° (2x180)
1 × 360° (1x360)

Drilling and pulling protection side A
Anti-drill protec. insert

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

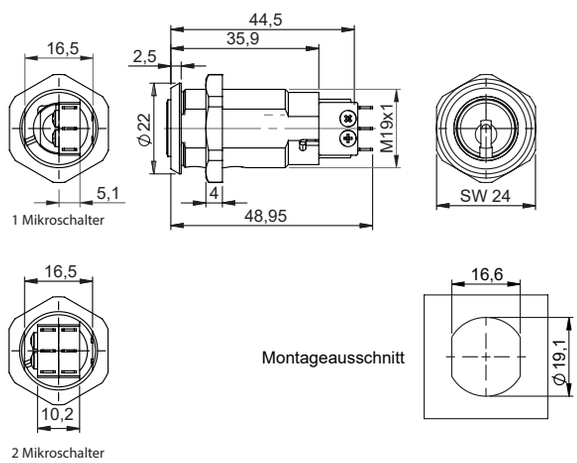
Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinders

K.SZM_M19X1 | Key Switch Cylinder, with switch element, M19x1

Application
Key switch cylinder with key retraction settings, on/off or as impulse switch
For a description of cylinder functions

Specification
- Housing supplied in solid natural brass, nickel-plated
- Housing diameter M19 × 1
- Hex nut M19 × 1 nickel-plated, WAF 24 mm
- Reversible key made from nickel silver
- Impulse switch with spring to return the key to the 0° position
- Option key retraction 2 × 180° is only possible with quattro and expert systems (four pin rows).



Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Installed length
49 mm

Switch element
- One or two microswitches Burgess F4T7, current up to 48 V max (low voltage range)

Order example
expert plus (K83)/SZM/M19x1/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
expert (S) (K56)
matrix plus (K86, Twincode)
matrix (K59)
eco (K82)
- **Legacy systems**

Key Switch Cylinders

K.SZM_M19X1 | Key Switch Cylinder, with switch element, M19x1

penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
No system (K00)

Surface cylinder
Nickel-plated (NI)
Chrome, satin (CRM)
Chrome-plated (CR)
Brass, dull (MS)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Key removal
1 × 90 LI RE
1 × 90°
2 × 180° (2x180)
1 × 90° Impuls

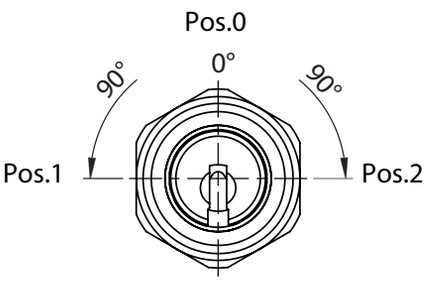
Switching element
One microswitch
Two microswitches

Construction time function
Construction time function - double life (BAZ)

Tumbler pins
Pins rust-free (ZH_RF)

Key Switch Cylinder with Switch Element K.SZM_M19x1 Switch Functions

1 key retraction at 0°, key turn 90° left and right, 2 switches

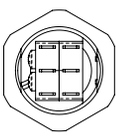


Order code: .../1x90-L-R/...

Pos. 0 = Switch 1 u. 2 off

Pos. 1 = Switch 1 off / Switch 2 on

Pos. 2 = Switch 2 off / Switch 1 on



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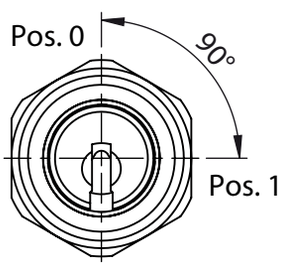
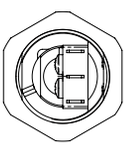
1 key retraction at 0°, key turn 90° to the right, 1 switch or 2 switches



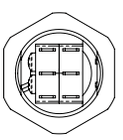
Order code: .../1x90/1MS/...

Pos. 1 = Switch on
Pos. 0 = Switch off



Order code: .../1x90/2MS/...

Pos .0 = Switch 1 off / Switch 2 on
Pos. 1 = Switch 2 off / Switch 1 on



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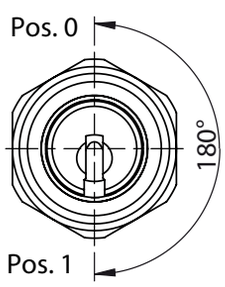
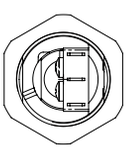
2 key retractions at 0° and 180°, key turn 180° to the right, 1 switch or 2 switches



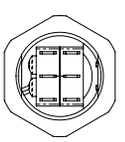
Order code: .../2x180/1MS/...

Pos. 0 = Switch off
Pos. 1 = Switch on

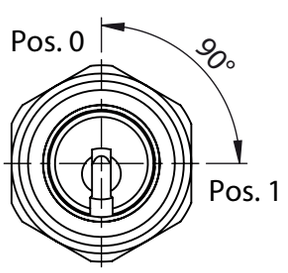


Order code: .../2x180/2MS/...

Pos. 0 = Switch 1 off / Switch 2 on
Pos. 1 = Switch 2 off / Switch 1 on

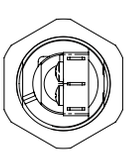


Impulse, key turn 90° to the right, 1 key retraction at 0°, 1 switch or 2 switches



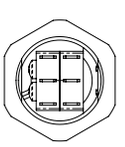
Order code: .../1x90-I/1MS/...

Pos. 1 = Switch on
Pos. 0 = Switch off



Order code: .../1x90-I/2MS/...

Pos .0 = Switch 1 off / Switch 2 on
Pos. 1 = Switch 2 off / Switch 1 on



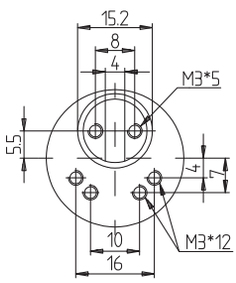
Elevator Cylinders

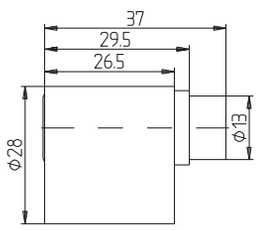
K.AFZ_13544-V2 | Elevator Control Cylinder, without switch element

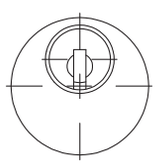
Application
Suitable for Kone-Sowitsch elevators
On/Off button, one retraction position, can be rotated 360°

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions







Order example
penta (K84)/AFZ/13544-V2/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Surface cylinder
Nickel-plated (NI)

Elevator Cylinders

K.AFZ_13544-V2 | Elevator Control Cylinder, without switch element

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

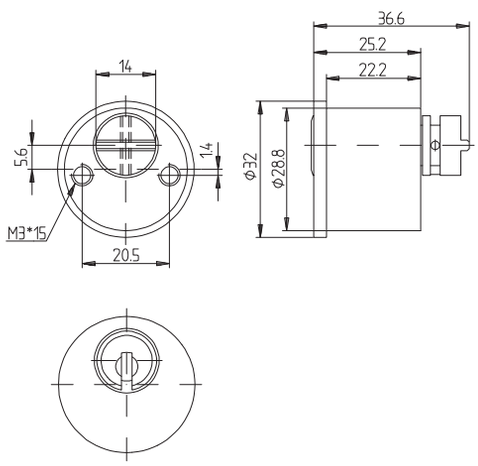
Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Elevator Cylinders

K.AFZ_EDP50/2/OS | Elevator Control Cylinder, without switch element



Application
Suitable for Schindler elevators
On/Off button, one retraction position, can be rotated 360°.
Cam movement 90° right

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/AFZ/EDP50/2/OS/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Surface cylinder
Nickel-plated (NI)

Elevator Cylinders

K.AFZ_EDP50/2/OS | Elevator Control Cylinder, without switch element

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

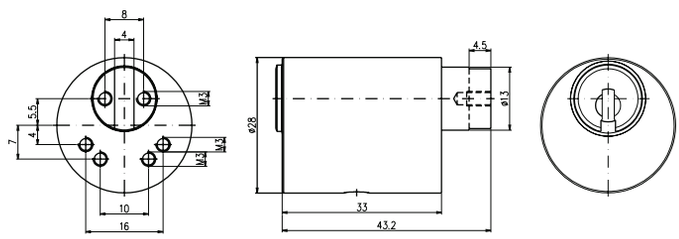
Tumbler pins
Pins rust-free (ZH_RF)

Elevator Cylinders

K.AFZ_KO431A1 | Elevator Control Cylinder, without Switch Element

Application
Suitable for Kone-Sowitsch elevators
On/Off button, one retraction position, can be rotated 360°

Specification
- Housing made from solid natural brass, surface nickel-plated
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/AFZ/KO431A1/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Surface cylinder
Nickel-plated (NI)

Elevator Cylinders

K.AFZ_KO431A1 | Elevator Control Cylinder, without Switch Element

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

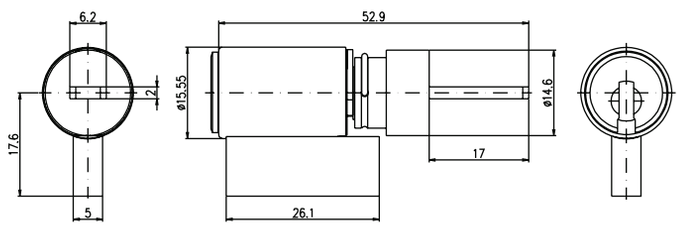
Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Bible Cylinders

K.BIBLE_181K5-V1K | Bible Cylinder for Boyd Z Lock



Application
Bible cylinder for Boyd Z lock

Specification
- Housing made from solid natural brass with a chrome-plated surface
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/BIBLE/181K5/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
- **Legacy systems**
quattro plus (K58)
quattro S (K52)
gemini S (K53)

Surface cylinder
Nickel-plated (NI)
Chrome-plated (CR)

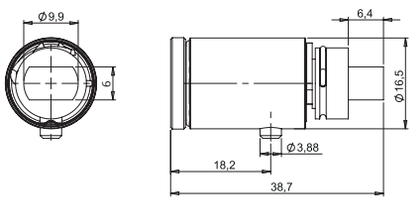
Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Tumbler pins
Pins rust-free (ZH_RF)

Bible Cylinders

K.BILBE_AK967 | Bible Cylinder for Meroni UFO Lock



Application
Bible cylinder for Meroni UFO lock

Specification
- Cylinder housing brass, dull
- Insert made of brass, nickel-plated
- Insert with anti-drilling protection plate
- Reversible key made from nickel silver

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/BIBLE/AK967/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
- **Legacy systems**
gemini plus (K81)

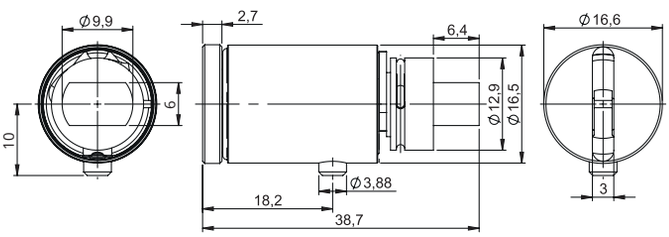
Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Bible Cylinders

K.BIBLE_AK996 | Bible Cylinder for Meroni UFO3 Lock

Application
Bible cylinder for Meroni UFO3 lock

Specification
- Cylinder housing brass, dull
- Insert brass, dull
- Insert with anti-drilling protection plate
- Reversible key made from nickel silver



Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/BIBLE/AK996/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
- **Legacy systems**
gemini plus (K81)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Olive Cylinders

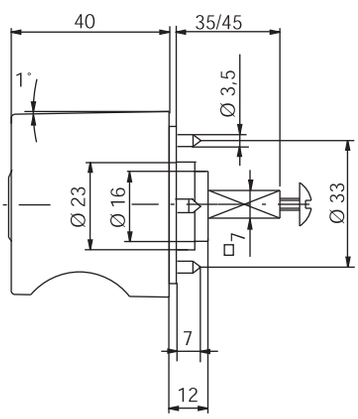
K.OL_3413 | Round Olive with Grip Recess

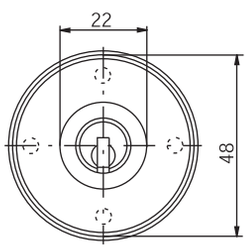
Application
Recessed, lockable olive knob cylinder

Specification
- Olive, die-cast zinc, sand-blasted, nickel-plated surface finish
- Cylinder type 1008c nickel-plated
- Spindle 7 mm square, 35 mm or 45 mm from the rosette
- Closing direction right

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/OL/3413/... cylinder options



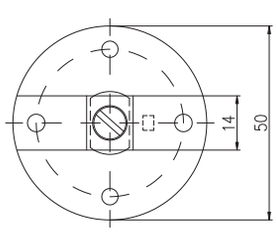


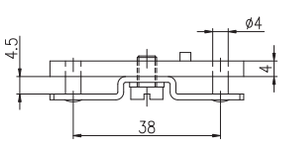
Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Locking direction
Left (L)

2-point-cam 3465





Olive Cylinders

K.OL_3413 | Round Olive with Grip Recess

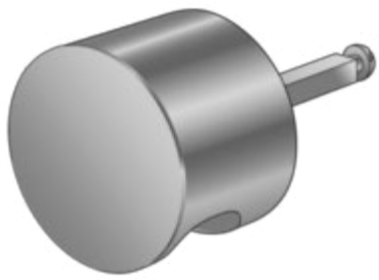
Length of pin
35
45

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)
Nickel-plated chemically (INS-NIC)
Brass, polished (INS-MP)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Accessory olives
Two-point cam 3465 (SV_3465)



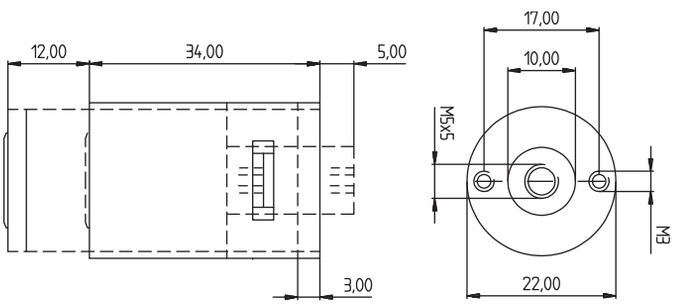
Blind olive 3413

Push Cylinders

K.DRZ_1064 | Push Cylinder, diameter 22 mm

Application
Push cylinder for sliding metal doors and central locks
Closing without key, opening with key

Specification
- Housing supplied in solid natural brass with nickel plating
- M5 female threads for standard machine screws
- Closing direction right
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/DRZ/1064/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
entro (K91, Twincode)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Push Cylinders

K.DRZ_1064 | Push Cylinder, diameter 22 mm

System type
Pre-assembled undrilled (VOUG)
Without insert (no_INS)

Surface cylinder
Nickel-plated (NI)
Bronzed (BD)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.
Brass, dull (INS-MS)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

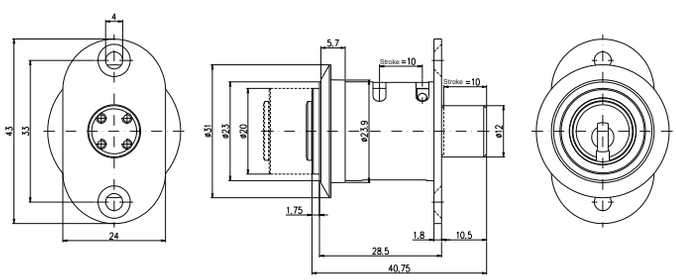
Tumbler pins
Pins rust-free (ZH_RF)

Push Cylinders

K.DRZ_75-4-020 | Push Cylinder

Application
Push cylinder for sliding metal doors and central locks
Closing and opening with key

Specification
- Housing supplied in solid natural brass with nickel plating
- Reversible key made from nickel silver
- Stroke 10 mm
- Trimmed flange on the outer sleeve
- M5 threads on the rotor end
- 2 × M2.3 threads on the positions of the push cylinder 1064s
- Two drilling protection pins on the front before the tumbler pin sides



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/DRZ/75-4-020/NI/... cylinder options

Cylinder options as follows:

Push Cylinders

K.DRZ_75-4-020 | Push Cylinder

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

System type
Pre-assembled undrilled (VOUG)
Without insert (no_INS)

Locking direction
Right (R)
Left (L)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Nickel-plated chemically (NIC)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)
Blackened (GSW)
Antique (ALTB)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Cams
Ohne Riegel (O_CAM)
Cam 81-4-029/2 Hali/B. (81-4-029_2)
Cam 81-4-029/2,5 Svoboda (81-4-029_2.5)

Drilling and pulling protection side A
Anti-drill protec. insert

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Type
AK246
AK634 (special coupling)
AK719 (ext. coupling)

Cyl. marking extra
Cylinder special marking AK919 (AK919)

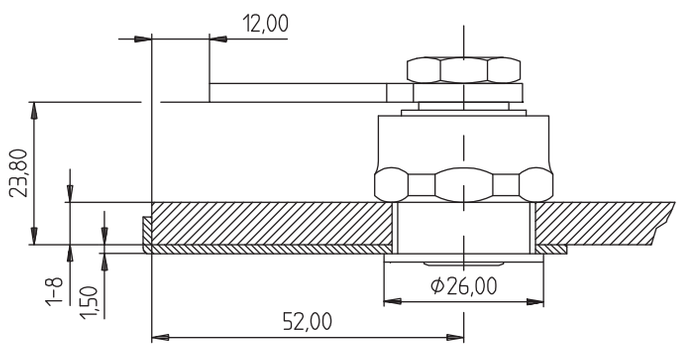
Rosette
With ros. 75-4-020-11 784026

Glass Door Lock Cylinders

K.GTS_80-4-040 | Glass Door Cylinder 1031/1061

Specification
- Housing supplied in solid natural brass with nickel plating
- Reversible key made from nickel silver
- With cylinder type BMZ 1031
- Cam type 1061-6ZK zinc-coated steel
- Lock plate type A6/CO anodised aluminium
- Fixing sleeve nut type 80-4-038, nickel-plated brass

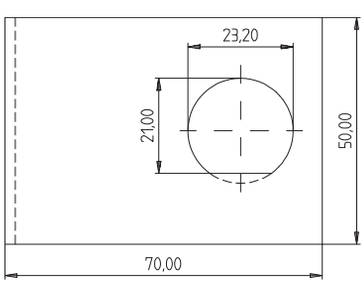
Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



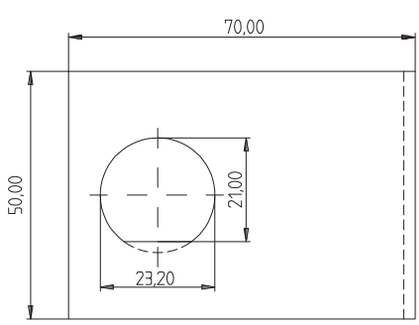
Order example
expert plus (K83)/GTS/80-4-040/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini S (K53)
gemini (K50)
expert (S) (K56)



For right side doors



For left-hand doors

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Bronzed medium (BM)

Glass Door Lock Cylinders

K.GTS_80-4-040 | Glass Door Cylinder 1031/1061

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Cams
Cam 1061-6U2, A = 5 mm, B = 50 mm (1061-6U2)
Cam 1061-6V2, A = 8 mm, B = 50 mm (1061-6V2)
Cam 1061-96U2, A = 5 mm, B = 50 mm (1061-96U2)
Detailed description, see type BMZ1031/1061

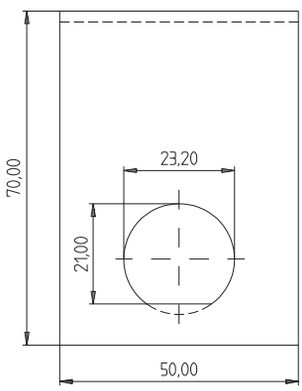
Cam position
Right
Left
Top
Bottom

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

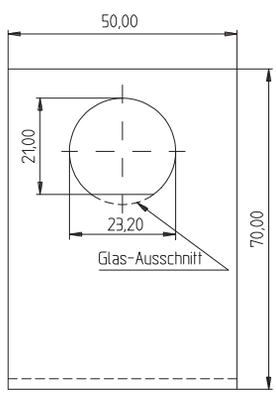
Tumbler pins
Pins rust-free (ZH_RF)

Type
Cylinder type BMZ 1061 (BMZ1061)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)



For downward locked doors



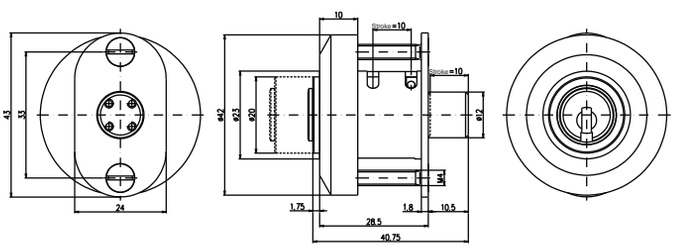
For upward locked doors

Glass Door Lock Cylinders

K.GTS_75-4-020 | Push Cylinder for Glass Doors

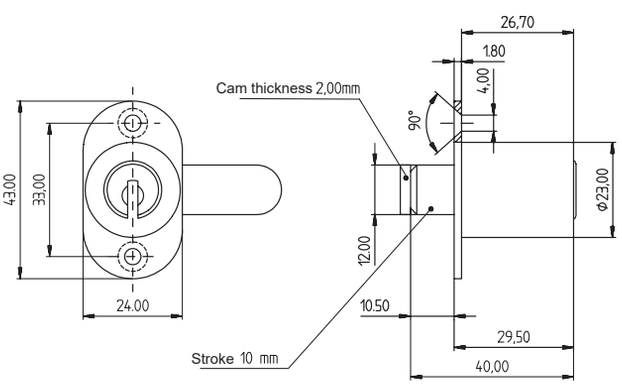
Application
Push cylinder for sliding furniture doors, wall panels and glass doors
Opening and closing with the key only

Specification
- Housing supplied in solid natural brass with nickel plating
- Reversible key made from nickel silver
- Stroke 10 mm
- With rosette 86-4-008
- Without cam



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Fixing screw M4 × 25
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/GTS/75-4-020/... cylinder options

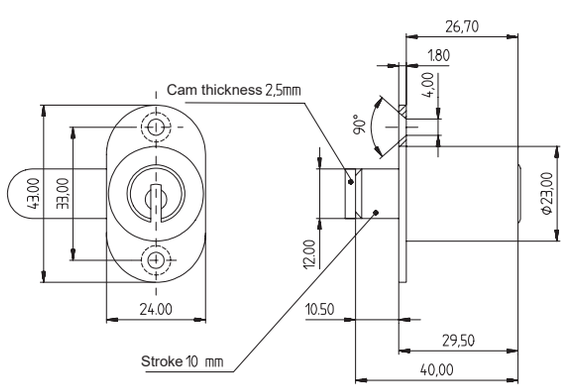


With cam 81-4-029/2 mm Hali/Bene

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
expert (S) (K56)

System type
Pre-assembled undrilled (VOUG)
Pre-assembled drilled



With cam 81-4-029/2.5 mm Svoboda

Glass Door Lock Cylinders

K.GTS_75-4-020 | Push Cylinder for Glass Doors

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)

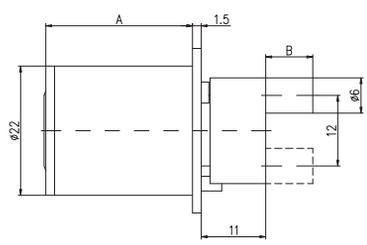
Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Cams
Cam 81-4-029/2 Hali/B. (81-4-029_2)
Cam 81-4-029/2,5 Svoboda (81-4-029_2.5)

Tumbler pins
Pins rust-free (ZH_RF)

Central Drawer Lock Cylinders

K.ZVZ_XIII | Central Lock Cylinder XIII



Application
Lock cylinder for furniture locks which lock all desk and cabinet drawers

Specification
- Housing supplied in solid natural brass with nickel plating
- Reversible key made from nickel silver
- Cam rotation 180°, key rotation 360°
- Zinc-plated steel mounting plate
- Plastic cam for pin length 8 mm
- Brass cam for pin length 15 mm and above

Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/ZVZ/XIII/NI/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Length of furniture cylinders (mm)
25,0

Central Drawer Lock Cylinders

K.ZVZ_XIII | Central Lock Cylinder XIII

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome, polished (CRP)
Bronzed medium (BM)

Surface insert side A
The insert surface corresponds to the cylinder surface as standard.

Cam
With cam XIII.15 (XIII-15)
With cam XIII.40 (XIII-40)
With cam XIII.8.BENE (XIII-8)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Cyl. marking extra
Cylinder special marking AK919 (AK919)

Window Handles

K.FG_3463 | Window Handle, lockable

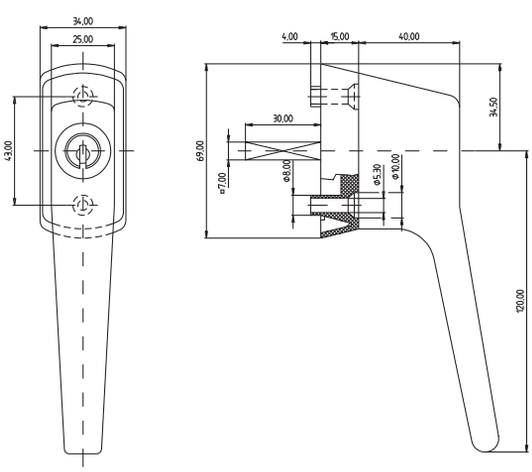
Application
Universal handle with lock cylinder for tilt and turn windows, balcony doors, cabinet locks, etc.
For right and left windows/doors. The two connecting screws are concealed by the handle in the vertical setting.

Specification
- Window handle, die-cast zinc, dull, nickel-plated
- Cylinder type 1008c nickel-plated
- Spindle 7 mm square, 30 mm long, optional 40 mm long
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/FG/3463/... cylinder options

Cylinder options as follows:



Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Window Handles

K.FG_3463 | Window Handle, lockable

Locking direction
Right (R)
Left (L)

Length of pin
35
40

Surface insert side A
Nickel-plated (INS-NI)
Brass, dull (INS-MS)

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Tumbler pins
Pins rust-free (ZH_RF)

Key Cabinets

K.SK | Key Cabinet

Application
Key storage cabinet for up to 300 keys. Hook rack is steplessly adjustable with sequential numbering for over 150 hooks with hinged walls.

Specification
- Cabinet case and door made of sheet steel
- Hook rack freely adjustable, sequential numbering
- From 150 hooks with pivoting intermediate panels
- Camlock cylinder BMZ.1090 made of solid natural brass with nickel plating
- Reversible key made from nickel silver

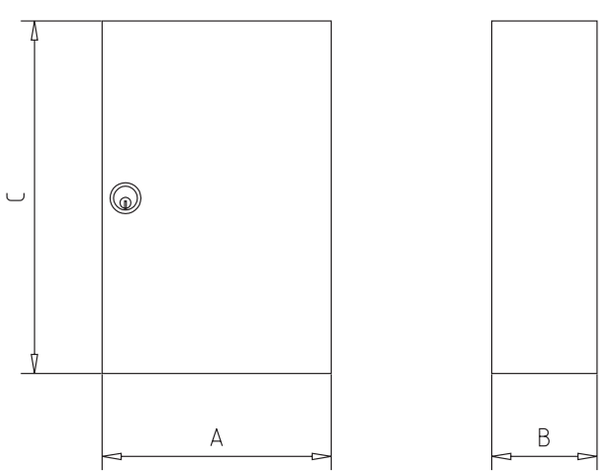
Included with the cylinder
- Two reversible keys (see 'Special functions and keys' for key options)
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/SK/50HAK/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix plus (K86, Twincode)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Key cabinet with 100 hooks



Key Cabinets

K.SK | Key Cabinet

Hooks
50 hooks (50HAK)
100 hooks (100HAK)
150 hooks (150HAK)
200 hooks (200HAK)
250 hooks (250HAK)
300 hooks (300HAK)

Surface insert side A
Brass, untreated (INS-MSR)

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)
Construction time function is only available for limited technical systems. See chapter 'Special functions'.

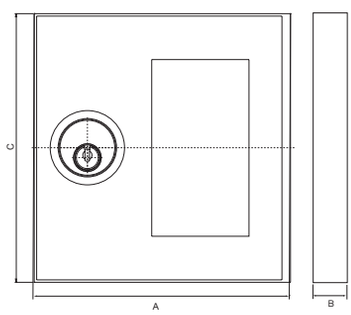
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Key Cabinets

K.NSK | Emergency Key Cabinet

Application
Metal cabinet for secure storage of emergency keys

Specification
- Case and door made of sheet metal, bright red
- Glass pane exchangeable
- Option: hammer on a chain to break glass pane
- Camlock cylinder BMZ.1090 made of solid natural brass with nickel plating
- Reversible key made from nickel silver



Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/NSK/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert plus (K83)
expert (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)
expert (S) (K56)

Surface insert side A
Brass, untreated (INS-MSR)

Key Cabinets

K.NSK | Emergency Key Cabinet

Surface NSK
RAL 9010 pure white

Construction time function
Construction time function - double life (BAZ)
Construction time function - triple life (BAZ3)
Construction time function is only available for limited technical systems. See chapter ‘Special functions’.

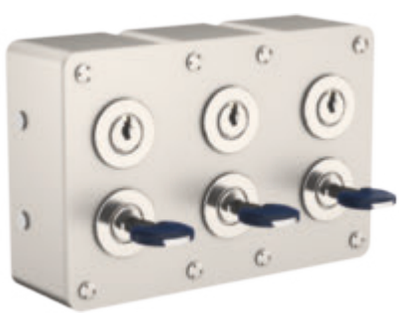
Dust cover
Insert dust protection cap 2004 side A (2004-A)

Type
No glass (no_GL)
With hammer (w_HA)

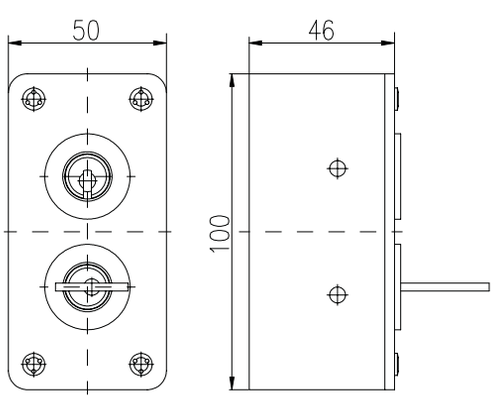
Key Deposits

K.SD | Key Deposit

Application
For controlled key issue in industry, offices and hotels
The secured key can only be removed after the user's key has been deposited.
It stays in the deposit until the borrowed key has been returned.
This system can also be used in office buildings to separate the outer and inner zones, to reduce the risk if a key is lost.
In hotels, the key deposit is used to issue keys at night without any administration burden.
In combination with the master key plan, a key deposit system will solve this problem in a secure and simple manner.
The key to the front door can be removed by the guest as soon as the room key is inserted and turned in the deposit.
The room key remains secured and can only be removed by the key to the front door, which is then again securely deposited.
If more than four cylinder pairs are ordered, several deposits are installed next to each other.
If ten cylinder pairs are ordered, three deposits with three cylinder pairs each and one deposit with one cylinder pair are installed.
Per key pair ordered, one key must be ordered and physically sent with the order or the requested keying must be specified.
Special tools are required for installing the cylinders and cabinets. Article no. 2011421226 (3POINT-SCREWDRIVER/M4)



Order example
K/SYS/SD/1 Paar = key deposit without system/one key pair



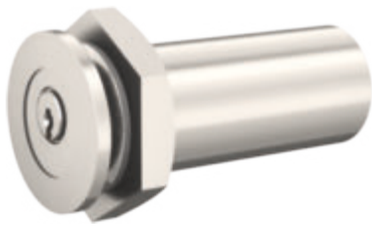
Cylinder options as follows:

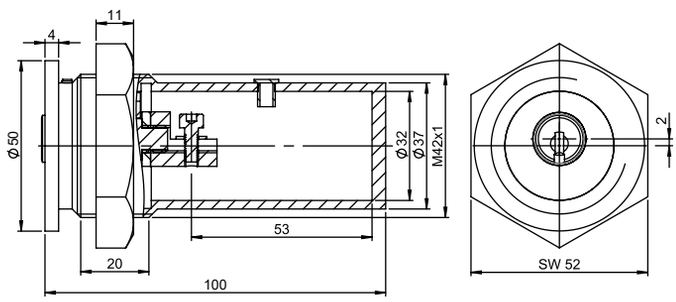
Deposit box
Key depot 1 pair
Key depot 2 pairs
Key depot 3 pairs

Deposit 1590
1 vacant
2 vacant
3 vacant

Key Deposits

K.DSR_92-4-131 | Key Deposit Tube, screw in





Application
Secure storage of master or emergency keys in a closed tube, easy to retract with a holding fixture for the key. Suitable for vertical installation.

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver
- 52 mm hex for screwing in

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
expert plus (K83)/DSR/92-4-131/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
eco (K82)
expert (S) (K56)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

Surface insert side A
Brass, dull (INS-MS)

Key Deposits

K.DSR_92-4-131 | Key Deposit Tube, screw in

Dust cover
Insert dust protection cap 2004 side A (2004-A)

Key Deposits

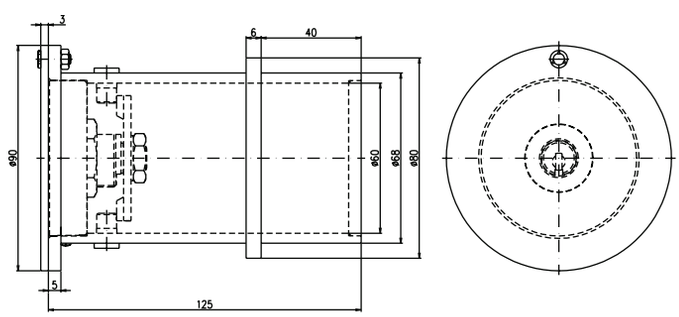
K.DSR_95-4-117 | Key Deposit Tube, for cards

Application
DSR.95-4-117 – secure storage of master media in card form in a closed tube
Installation by cementing in the wall

Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
penta (K84)/DSR/95-4-117/... cylinder options



Cylinder options as follows:

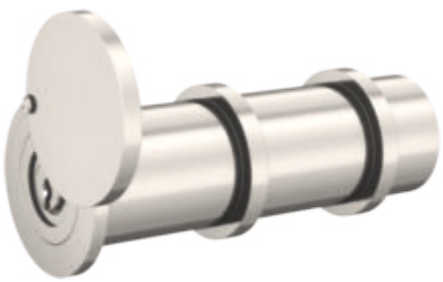
Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
expert (S) (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

Surface insert side A
Brass, dull (INS-MS)
Brass, untreated (INS-MSR)

Key Deposits

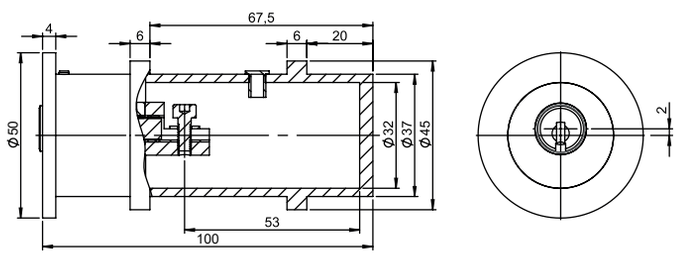
K.DSR_95-4-130 | Key Deposit Tube, cementing in wall

Application
Secure storage of master or emergency keys in a closed tube, easy to retract with a holding fixture for the key. Suitable for vertical installation.



Specification
- Housing supplied in solid natural brass, nickel-plated
- Reversible key made from nickel silver

Included with the cylinder
- Two ea. reversable keys, specify key type (details in chapter 'Keys with Systems and Clips')
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
penta (K84)/DSR/95-4-130/... cylinder options

Cylinder options as follows:

Technical system
- **Factory systems**
penta cross (K90)
penta (K84)
quattro plus (K85)
gemini plus (K87)
- **Dealer systems**
expert cross (K89)
expert plus (K83)
expert (K56)
expert (S) (K56)
eco (K82)
matrix (K59)
- **Legacy systems**
penta (K57)
quattro plus (K58)
quattro S (K52)
quattro 1.1 (K51)
quattro 1.0 (K50S)
gemini plus (K81)
gemini T (K54)
gemini S (K53)
gemini (K50)

Surface insert side A
Brass, dull (INS-MS)

Key Deposits

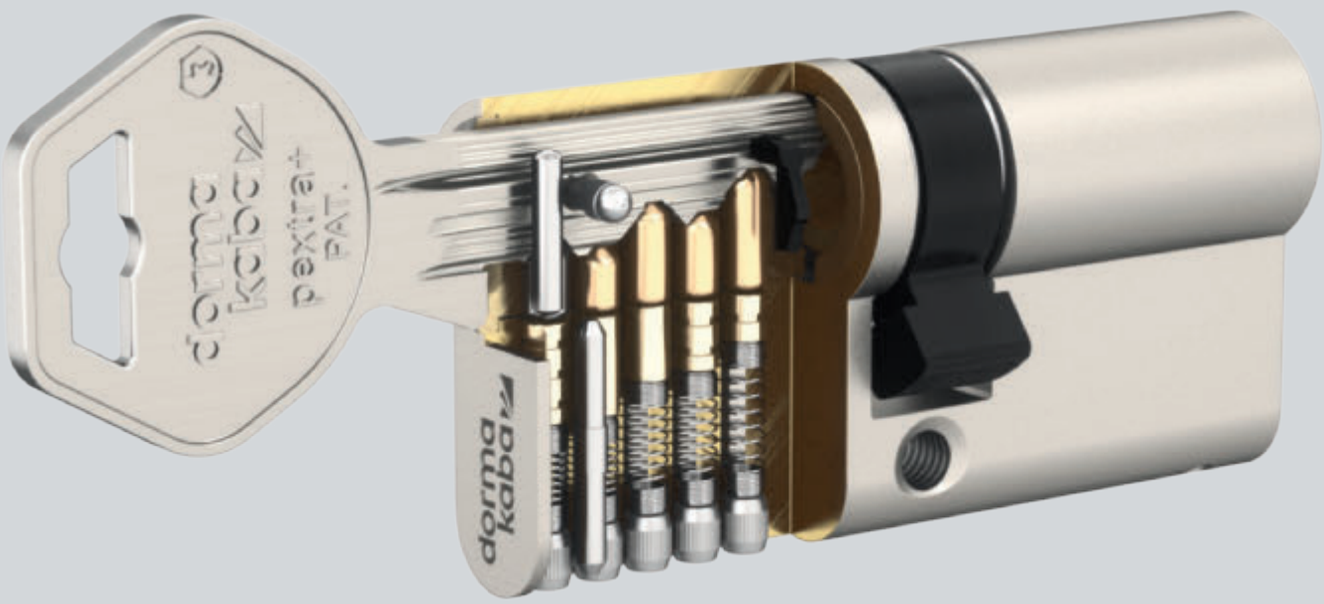
K.DSR_95-4-130 | Key Deposit Tube, cementing in wall

Dust cover
Insert dust protection cap 2004 side A (2004-A)

dormakaba

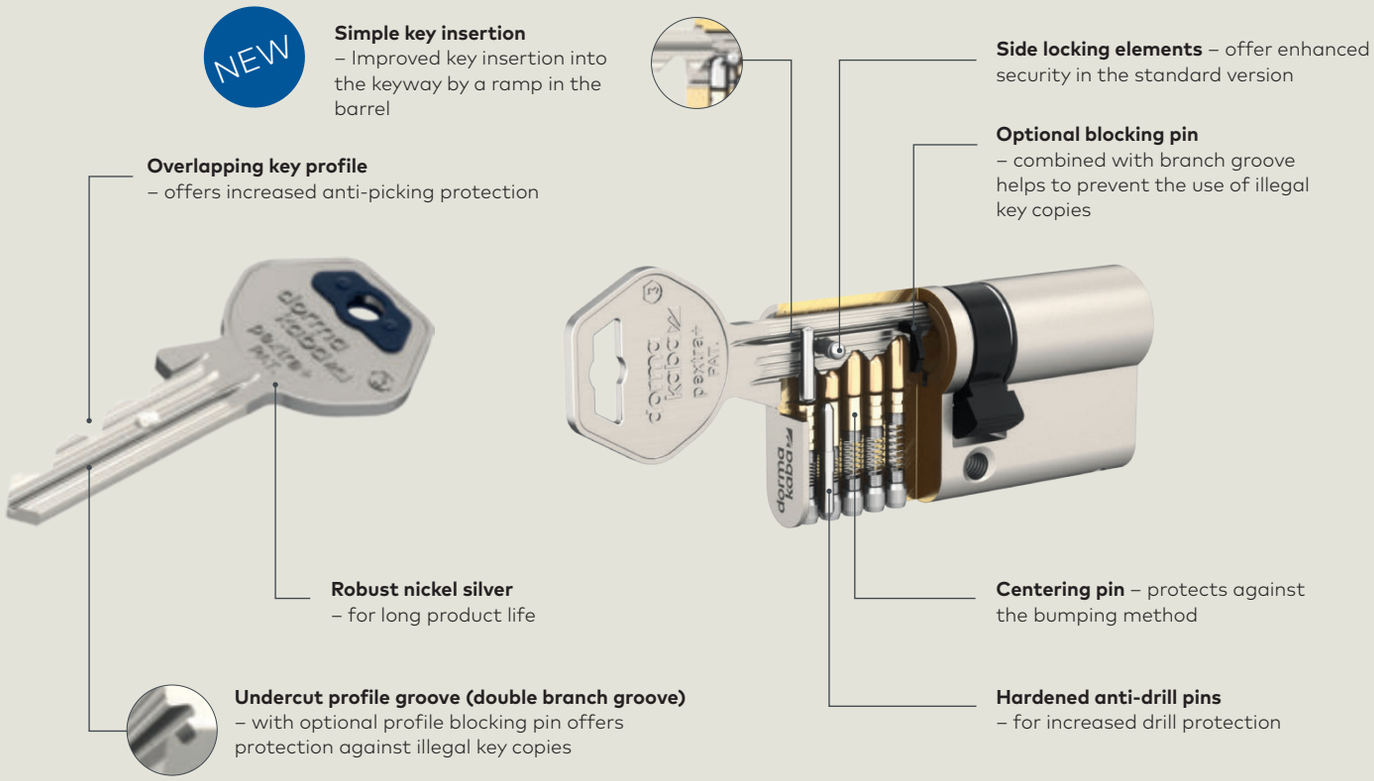
Mechanical Serrated Key EU-Systems

Serrated Key EU-Systems



Introduction

The main site for the production of dormakaba serrated key systems is in Herzogenburg, Austria. Finished cylinders and keys are manufactured either directly in the factory or by authorised dealers. The product range consists of factory made profiles and dealer profiles. Whilst cylinders and keys with factory made profiles are manufactured in our factories, keys with dealer profiles can also be finalized directly with authorised dealers.



Serrated Key System pextra+

System pextra+ (System Code PXP)
- With and without blocking pin
- Patent EP 2686510 valid until 2032
- Figurative mark double branch groove Registration No. 01801215

System pextra (System Code PX)
- With and without blocking pin
- Patent No. EP1362153 valid until 2022
- Figurative mark branch groove Registration No. 004896817

Function

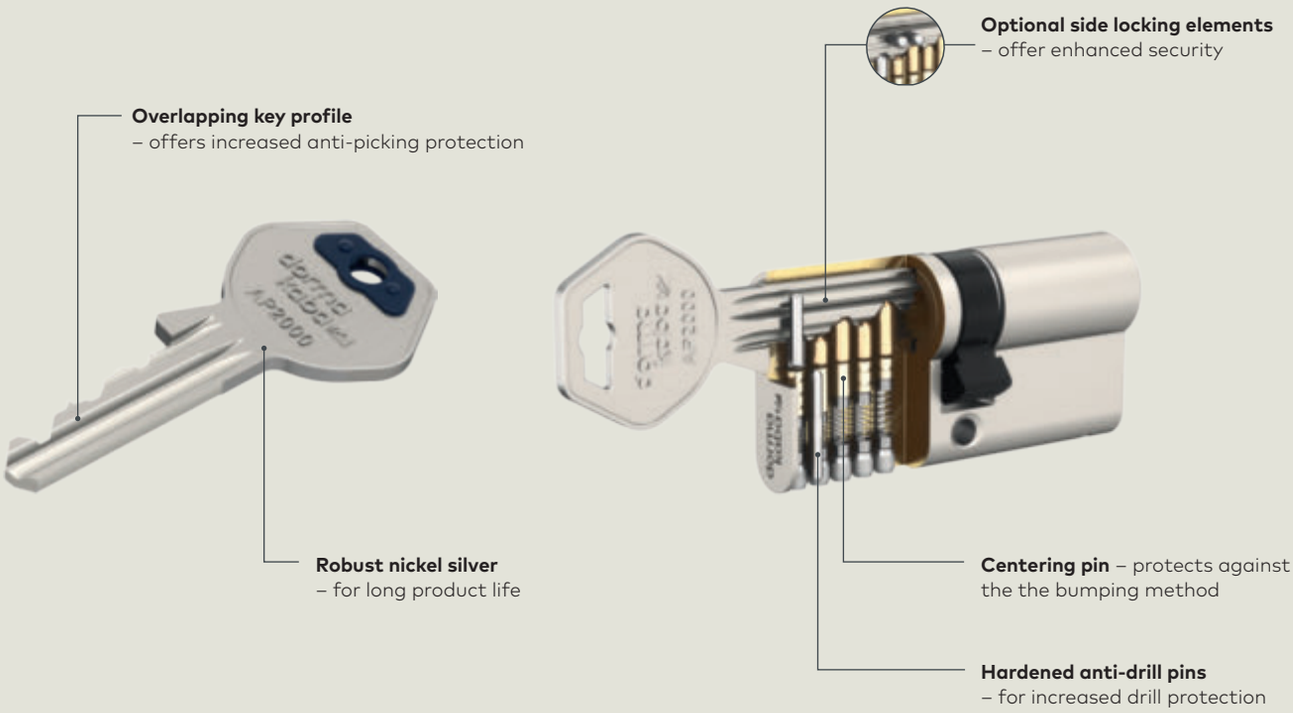
The dormakaba serrated key system pextra+ (successor of the system pextra) is the mechanical premium key system in the serrated key range. It can be used in a wide range from serial cylinders up to sophisticated master key systems with maximum security requirements. Key security of the pextra+ system is significantly increased by a profile manufactured in a special milling process. In combination with blocking pin, manipulation is even more difficult.

Key Codes

By using keys numbered in the factory and code tables, it is possible to manufacture key copies quickly and without corresponding sample keys.

Security Features
- EN 1303/DIN 18252 Key Related Security Grade 5 for cylinders with 5 pins and grade 6 for cylinders with 5 pins with optional blocking pin as well as for cylinders with 6 and 7pins
- EN1303/DIN18252 Attack Resistance Grade D with appropriate security door hardware or with steel reinforcement in the housing or with SBS sacrificial cut
- VdS A and VdS AZ with 5pins, VdS B and VdS BZ with 6 pins
- Centering pin against manipulated opening with the bumping method
- Overlapping key profile and undercut profile groove (branch groove) offer protection against impressioning
- The patented double-branch groove cannot be copied with standard milling machines
- The optional active probe (blocking) pin prevents the key from being fully turned in both directions when the branch groove is not present or was manipulated
- Enhanced security in the standard version with side locking elements
- Protection against impressioning by specially formed housing tumbler pins
- Suitable for use in fire and smoke resistant doors

Standard Configuration
- Key with standard bow in nickel silver
- 5, 6 or 7 vertically arranged tumbler pin pairs
- Side locking elements
- Minimum one centering pin against the bumping method
- Hardened anti-drilling pins in barrel and housing
- Hardened barrel and housing pin



Serrated Key System AP2000

System AP2000 (System Code AP2)

Function

The dormakaba serrated key system AP 2000 is a proven and flexible cylinder system which is protected against impressioning by overlapping profiles, precision machined bores and specially formed tumbler pins. Drilling protection is provided by additional security elements made of steel in the core and housing as well as hardened tumbler pins in part. The system is suitable for serial cylinders and master key systems. All dormakaba master key systems are calculated and thoroughly checked with computer support. A wide range of different profiles combined with 5, 6 or 7 spring-held tumbler pair pins, are available. This allows master key systems to be executed safely.

Key Codes

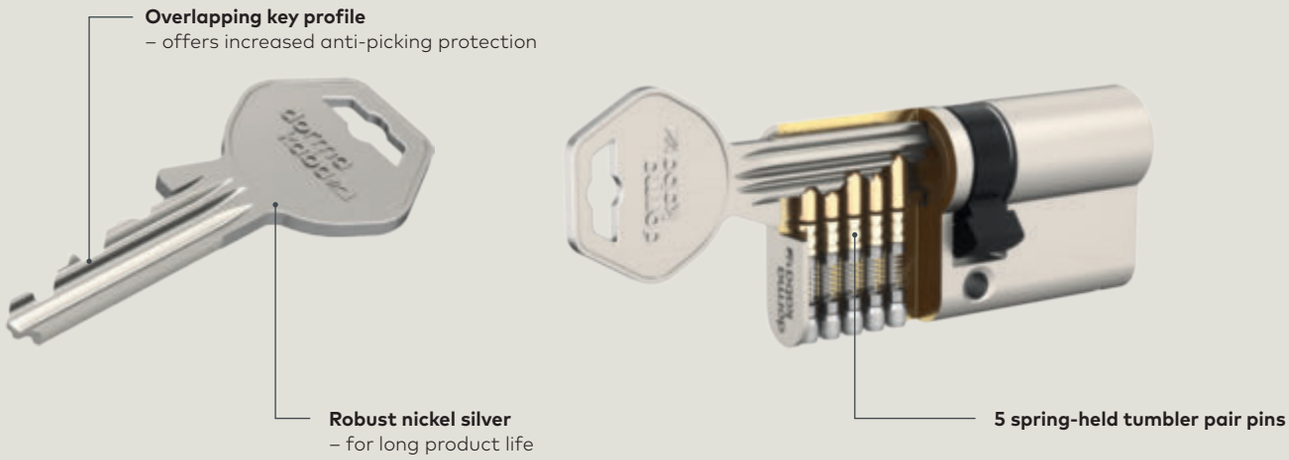
By using keys numbered in the factory and code tables, it is possible to manufacture key copies quickly and without corresponding sample keys.

Security Features

- Meets EN 1303 Key Related Security Grade 4-6 (according to the number of pins) and Attack Resistance Grades B/C
- Meets EN1303 Attack Resistance Grade D with appropriate security door hardware or with steel reinforcement in the housing or with SBS sacrificial cut
- Centering pin against manipulated opening by the bumping method
- Protection against impressioning by specially formed housing tumbler pins
- Optional security elements for even greater protection
- Suitable for use in fire and smoke resistant doors

Standard Configuration

- Key with standard bow in nickel silver
- 5, 6 or 7 vertically arranged tumbler pin pairs
- Side locking elements
- Hardened anti-drilling pins in barrel and housing
- Hardened barrel and housing pin



Serrated Key System ESP

System ESP (System Code ESP)

Function
The dormakaba serrated key system ESP is a standard system based on the system AP2000 in a medium security grade. The system is available with 5 or 6 pins. Serial cylinder or small master key systems are available.

Key Codes
Due to the keys being numbered in the factory, code tables can be used to produce duplicate keys rapidly and without corresponding sample keys.

Security Features
- Protection against impressioning by specially formed housing tumbler pins
- Suitable for use in fire and smoke resistant doors

Standard Configuration
- Key with standard bow in nickel silver
- 5 or 6 tumbler pin pairs

Serrated Key System AP1000

System AP1000 (System Code P001)

The Gege cylinder series AP1000 is a 5 pin cylinder system in medium security grade.

Function
The dormakaba serrated key system AP1000 is a 5 pin cylinder system in medium security grade. Over 45,000 different keyings are possible with the standard profile P001.

Key Codes
Due to the keys being numbered in the factory, code tables can be used to produce duplicate keys rapidly and without corresponding sample keys.

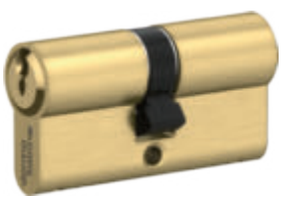
Security Features
- Protection against impressioning by specially formed housing tumbler pins
- Suitable for use in fire and smoke resistant doors

Standard Configuration
- key with round bow, nickel plated
- 5 vertically arranged tumbler pin pairs

Cylinder Surface Finishes

Standard Surface Finishes

NI
Nickel plated



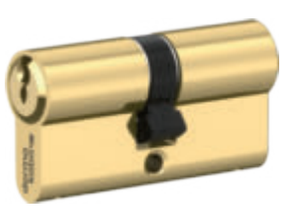
MS
Brass natural

Speical Surface Finishes

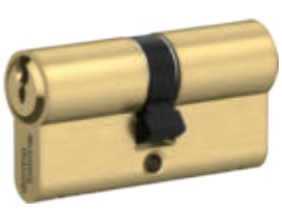
CRM
Chrome plated dull

CRP
Chome plated polished

CR
Chrome plated

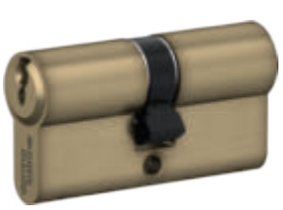


MP
Brass polished



MB
Brass brushed

BH
Bronzed hell



BM
Bronzed medium

BD
Bronzed dark

Cylinder Care and Maintenance

Use
dormakaba locking cylinders are extremely robust and durable. Nevertheless, it is necessary to take care of a dormakaba cylinder so that it will function without problems for as long as possible.

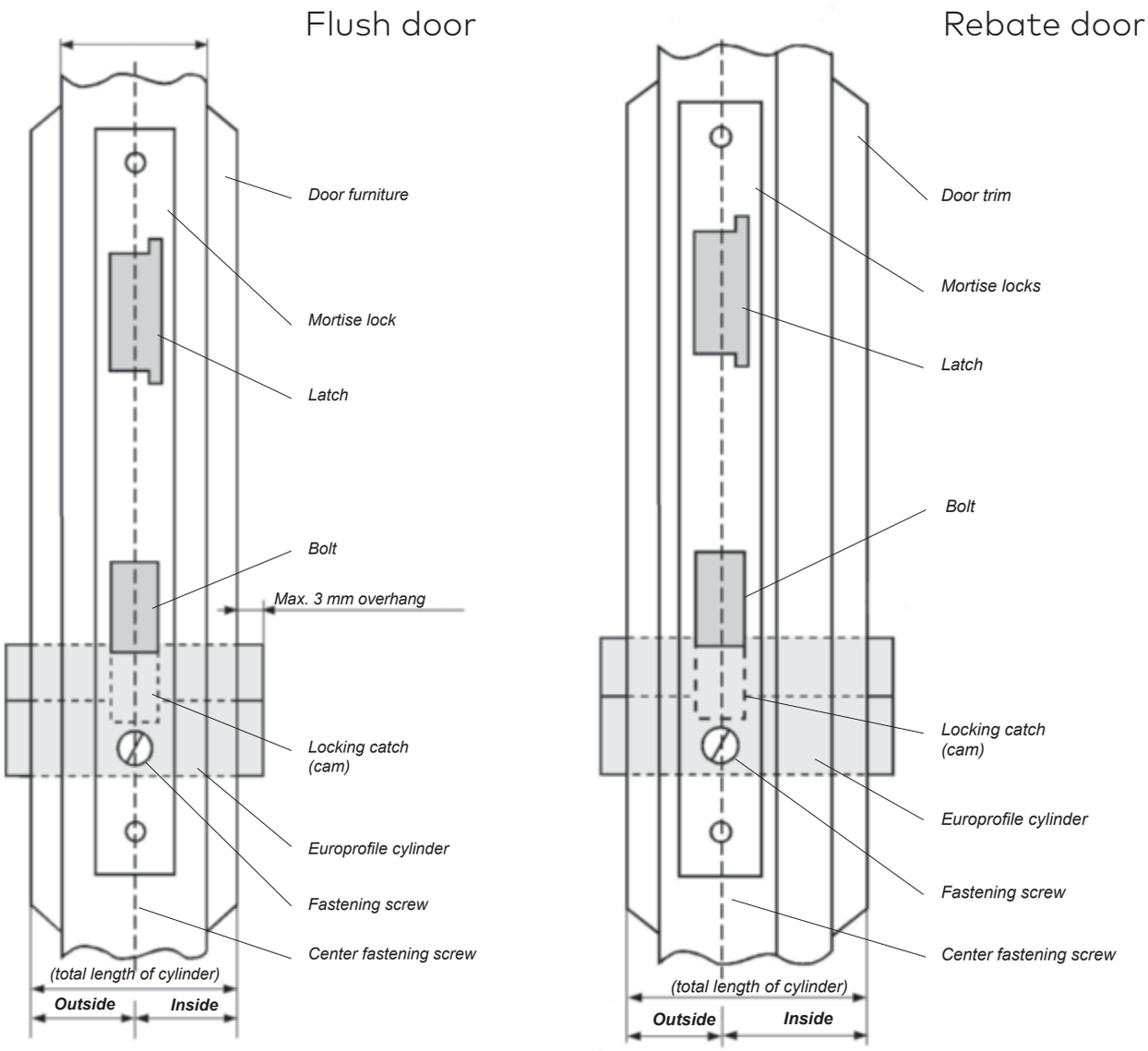
Please be sure that:
- the key is not bent or damaged
- the door is never opened by pulling on the key bow
- no leverage force is applied to the key
- no foreign objects are ever inserted in the cylinder

dormakaba Cleaner for preventative maintenance and care
The cans are available in sizes 13/60/200 ml. The two smaller cleaners are pump sprays and are free from propellant gas. All sizes offer extremely economical dosing.

You can find more information about using the cleaner here:

Cans in 200ml 60ml 13ml

Determining the Cylinder Length



When determining the required cylinder length, the thickness of the door furniture and/or rosette being used must always be added to the door leaf thickness.

The required cylinder length is determined after inserting the mortise lock:
1. Outside = distance from cylinder fastening screw to the outside (including door furniture)

2. Inside = distance from cylinder fastening screw to the inside (including door furniture)

3. Select the next larger dimension (in 5 mm steps) from the dormakaba cylinder list.

Order Instructions

Please note the following information regarding the order codes for our products. The codes are mostly self-explanatory. All order information about a product is contained in a generic code configured in the manner.

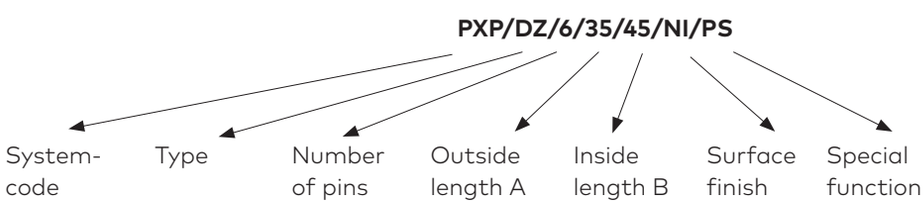
Cylinder options are shown as a feature. Every feature consists of a long and short text. The long text describes the options in prose. The short text is an acronym of the long text.

As follows the features are always described with the long text including the short text in parentheses, e.g. „nickel plated (NI)" or „double key override cylinder (BSZ)". The short text allows the order code to shown compact. All features are separated by a slash „/". The order of the short texts is dictated by sequence of the options in the cylinder types.

As a standard each order code begins with the features: technical system/cylinder/type/... options

Exceptions:
- A „type" is certain design of a cylinder. Cylinders without types do not have this feature.

Order code example for a lock cylinder with two additional functions:
Double cylinder in the system pextra+ (PXP), 6 pins, outside length 35 mm (side A), inside length 45 mm (side B), cylinder surface finish nickel plated, personnel key



The first length specified is always the outside of the cylinder !

Short Texts – Cylinder Types and Special Functions

Cylinder Types

DZ	Double cylinder
UDZ	Union double cylinder
DKZ	Thumbturn cylinder
UDKZ	Union thumbturn cylinder
HZ	Single cylinder
UHZ	Union single cylinder
OHZ	Oval single cylinder
WCZ	WC cylinder
BDZ	Blind double cylinder
BHZ	Blind single cylinder
BOHZ	Blind oval single cylinder
VHZ	Padlock
AZ	Outside rim cylinder
IZ	Inside rim cylinder
AFZ	Elevator control cylinder
BMZ	Camlock cylinder
ZSL	Key
FG	Window handle
GTS	Glass door cylinder
MZ	Furniture cylinder
MAS	Furniture lock
MES	Espagnolette lock
OL	Olives
RZ	Round cylinder
ROS	Rosette
SD	Key deposit
SK	Key cabinet

Special Functions – see chapter „Special Functions“ for detailed description and order instructions

AS	Pulling protection
BAZ	Construction time function
BL	Blind on one cylinder side
BSZ	Double key override
FL	Relative cam movement
FZG	Freewheel cam for gear operated or panic locks
GF	Emergency key function
HG	Hotel room occupancy indicator
KM	KiteMark certification
LAM	Steel reinforcement plate
PS	Restricted access option
SAT	Secure Access Temporary
SE	Side locking elements
SBS	Sacrificial break slot
SKG	Stichting Kwaliteit Gevelbouw - Certification Netherland
SWF	Seawater resistant
SSW	Dust and splash protection
SUZ	Self-changable cylinder
VDS	Certification by German Test Insitute „VdS“
VK	Wear-resistant barrel
ZR	Cogwheel cam

Combination Options – Special Functions

The following table provides an overview of the special functions available, their possible combinations with each other and the availability of the cylinder types.

		Other special functions; "x" = combinable options																	
											Dustproof and weatherproof options		Options for heightened intruder protection						
		Construction time function	Double key override	Relative cam movement	Freewheel cam for gear operated or panic locks	Emergency key function	Restricted access option	Self-changable cylinder	Wear-resistant barrel	Dust and splash protection	Seawater resistant	Pulling protection	Sacrificial break slot	Steel reinforcement plate	VdS certified: Class A anti-drill protection	VdS certified: Class AZ pulling and anti-drill protection	VdS certified: Class B anti-drill protection	VdS certified: Class BZ pulling and anti-drill protection
Types of lock cylinder	**Order code**	**BAZ**	**BSZ**	**FL**	**FZG**	**GF**	**PS**	**SUZ**	**VK**	**SSW**	**SWF**	**AS**	**SBS**	**LAM**	**VDSA**	**VDSAZ**	**VDSB**	**VDSBZ**
Double cylinder	**DZ**	x	x		x	x	x	x	x	x	x	x	x	x	x	x	x	x
Single cylinder	**HZ**	x		x	x			x	x	x	x	x	x		x	x	x	x
Thumbturn cylinder	**DKZ**	x			x			x	x	x	x	x	x	x				

Special function	**Order code**		**Other special functions, "x" = combinable options**															
Construction time function	**BAZ**		x	x	x	x	x		x	x	x	x	x	x				
Double key override	**BSZ**	x						x	x	x		x	x	x	x	x	x	x
Relative cam movement	**FL**	x						x	x	x	x	x	x		x	x	x	x
Freewheel cam for gear operated or panic locks	**FZG**	x						x	x	x	x	x	x	x				
Emergency key function	**GF**	x						x	x	x		x	x	x				
Restricted access option	**PS**	x						x	x	x	x	x	x	x				
Self-changable cylinder	**SUZ**		x	x	x	x	x		x	x	x	x	x	x				
Wear-resistant barrel	**VK**	x	x	x	x	x	x	x		x	x	x	x	x	x	x	x	x
Dust and splash protection	**SSW**	x	x	x	x	x	x	x	x			x	x	x				
Seawater resistant	**SWF**	x		x	x		x	x	x				x					
Pulling protection	**AS**	x	x	x	x	x	x	x	x	x								
Sacrificial break slot	**SBS**	x	x	x	x	x	x	x	x	x	x			x				
Steel reinforcement plate	**LAM**	x	x		x	x	x	x	x	x			x					
VdS certified: Class A anti-drill protection	**VDSA**		x	x					x									
VdS certified: Class AZ pulling and anti-drill protection	**VDSAZ**		x	x					x									
VdS certified: Class B anti-drill protection	**VDSB**		x	x					x									
VdS certified: Class BZ pulling and anti-drill protection	**VDSBZ**		x	x					x									

Important Product Information

General Notes
Please note the following information about mechanical and mechatronic lock cylinders. dormakaba Austria GmbH will not be held liable for any damage resulting from failure to adhere to this information.

1. Product information and use according to the intended purpose
A lock cylinder is in the sense of this definition a component, that in general can be installed exchangeably in door locks, door furniture, apparatusses or doors prepared here for or in other related product types. Other lock cylinder styles (e.g. switch locks) shall be handled accordingly. The proper operation of cylinders is performed with their respective keys.

1.1 Lock cylinders can then be installed without reserve in locks, door furniture, apparatusses, etc. if they have been expressly arranged for the respective lock cylinder. In other cases the manufacturer, dealer, installer or user of such locks, door furniture, apparatusses, etc. must themselves be sure for himself that the selected lock cylinder is suitable for application. Mandatory legal regulations must also be adhered to (e.g. emergency exits, elevators).

1.2 Lock cylinders, that may be subject to force, may not protrude more than 3 mm above the door furniture. The degree of burglary resistant measures is according to the demands required.

1.3 The installation of lock cylinders must be executed in such a manner, that when the key has been properly removed from the cylinder that no external force can be transferred to the cam or in the turning direction of the locking bar.

1.4 For humid or refrigerated rooms, outside use, use in marine environments or for use environs with aggressive, corrosion agents, the lock cylinders must be specified in the appropriate special configuration. The same applies for lock cylinders that are heavily exposed to dust. In such cases weather caps or protective rosettes shall be used. Electronic or mechatronic products may only be used in such environments in consent with the manufacturer.

1.5 Usually a double cylinder with two locking sides can not be operated if a key has been inserted into the other side of the lock cylinder. If this should be possible, select a lock cylinder with the respective function (BSZ ... Double Key Override).

1.6 For correct use of the key, apply force to key only when it has been completely inserted into the keyway and has reached the stop.

1.7 Lock cylinders and keys form a functional unit. We can only hold our liability for our original products only.

1.8. Replacement keys for lock cylinders must be checked for correct function in the respective lock cylinder immediately upon receipt. Mechatronical access media must be programmed for its intended functions.

2. Misuse
Misuse - incorrect product use of lock cylinders/access systems or keys/media occurs if:

2.1 tools such as nails, pliers, or others are used on the key bow to increase torque.

2.2 the key is used as a lever handle to open a door. The key is not suited for use in place of door furniture (knob, lever handle, rigid handle, etc.)

2.3 the lock cylinder is operated with falsified, bent, damaged or badly worn keys.

2.4 it has been attempted to unlock the cylinder with picking tools, other objects or unauthorised duplicate keys.

2.5 if foreign objects are found in the keyway or on the key itself or if the maintenance guidelines have not been followed.

3. Product performance
Product performance is stated in our catalogues, brochures and product descriptions. The life cycle (security and function) of a lock cylinder is about 10-15 years, depending on the application frequency of use. The cylinders are tested to 100,000 locking cycles minimum. This corresponds to approximately 15-18 locking cycles per day during 15 years. It is possible that a lock cylinder can become defective after a short period of time if it is not operated and maintained properly. The life cycle of mechatronical/digital locks and access systems are specified in the respective technical documentation. Lock cylinders and keys/access media must be replaced, especially if the key cannot be freely inserted and retracted, in spite of correct maintenance.

4. Preventive maintenance
Lock cylinders should be treated according to the requirments, but at least twice a year using our recommended cleaning agent (dormakaba Cleaner). Additionally, a function control should be carried out. Principally lock cylinders may never be treated with resignated substances (e.g. oil).

5. Information and instructions
The following documents contain information and instruction obligations and services available for licensees, locksmiths, architects, planners, advisory institutions, contractors or consumers:
- Catalogues, brochures
- Master key plans
- Instructions for installation and operation and maintenance
- Training documentation for a selection of lock cylinders (after training completion)

5.1 for architects, planners and advisory institutions, all required production information must be requested from us and adhered to.

5.2 for locksmith partners, licensees and contractors all product information shall be followed and required operation and maintenance instructions shall be requested from us and passed on to subcontractors and/or users.

5.3 dormakaba reserves the right to change or supplement the above mentioned information at any time.

Keys with Systems and Clips

G.ZSL.ER | Serrated Key with Cornered Bow

Application
Standard serrated key for serial keyed cylinders and master key systems

Specification
- All keys are made from nickel silver, giving them resistance to wear for an extremely long life.
- The CNC-controlled milling process ensures highest accuracy in profile grooves.
- Available for 5-, 6- and 7-pin cylinders, with or without bores for side locking elements
- For organisation and better recognition, the standard key can be equipped with coloured clips. These are available as accessories. See key accessories for details.
- Miniclips in different colours can be snapped into the key ring hole.
- Plastic clips in different colours can be snapped over the entire key bow. See 'Key accessories' for details.

Order example
PXP/ZSL/5/ER/NS/SE/... key options

Options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

System type
Standard
Replacement key (NB)
Key blank (SR)

Standard key

Key with miniclip

Key with plastic clip

Keys with Systems and Clips

G.ZSL.ER | Serrated Key with Cornered Bow

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Bow form
Angular bow (ER)

Surface finish key
Nickel-plated (NI)
Nickel-plated chemically (NIC)
Nickel silver (NS)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Locking element
Side element (SE)
Four side elements (4SE)

Key hierarchy
Main group key (HGS)
Single key (ES)

Key profile group
Single profile
Profile group with six
Profile group with 18

Keys with Systems and Clips

Serrated Key Clips

Bestellcode	Beschreibung	Bild	Maßzeichnung
	Miniclips can be use with all key systems with corner bow. A packing unit contains 100 parts (enough for 50 keys). Miniclips can be attached without tools and are available from dealers only. Miniclips are available in five colours. **Attention:** the clip can only be attached once, as it becomes unfunctional when removed.		
G/CLIP/MINI/ DUNKELBLAU 2011665823	**Colour:** dark blue		
G/CLIP/MINI/ DUNKELGRÜN 2011665825	**Colour:** dark green		
G/CLIP/MINI/ DUNKELROT 2011665824	**Colour:** dark red		
G/CLIP/MINI/ HELLBLAU 2011665821	**Colour:** light blue		
G/CLIP/MINI/ SCHWARZ 2011665826	**Colour:** black		
	Plastic key caps are available for all serrated key systems with corner bow. The caps are available in 11 colours. For organisation and storage		
G/CLIP/ZSL/ DUNKELGRÜN 2011616692	**Colour:** dark green		
G/CLIP/ZSL/ DUNKELROT 2011616690	**Colour:** dark red		
G/CLIP/ZSL/ DUNKELVIOLETT 2011616694	**Colour:** dark purple		

Keys with Systems and Clips

Serrated Key Clips

Bestellcode	Beschreibung	Bild	Maßzeichnung
G/CLIP/ZSL/ FLUORESZIEREND 2011616695	**Colour:** fluorescent		
G/CLIP/ZSL/ HELLBLAU 2011616687	**Colour:** light blue		
G/CLIP/ZSL/ HELLGELB 2011616688	**Colour:** light yellow		
P/ZSL/HELLGRÜN #!#!#Translation missing!	Translation missing!		
G/CLIP/ZSL/HELLROT 2011616685	**Colour:** light red		
G/CLIP/ZSL/ HELLVIOLETT 2011616693	**Colour:** light purple		
G/CLIP/ZSL/ KABA-BLAU 2011616691	**Colour:** dark blue		
G/CLIP/ZSL/SCHWARZ 2011616686	**Colour:** black		
G/CLIP/ZSL/BOX 2011616975	Clip box		

Keys with Systems and Clips

G.ZSL.TK | Serrated Key with Trendkey Clip

Application
The trendkey is a key with a plastic clip which, along with ergonomic handling, offers a modern and attractive appearance.
With the new form, the key is automatically held in the correct position to un/lock doors.
The clip is slid onto a groove on the key for a perfect form fit that keeps the clip firmly in place.
The coding numbers are engraved onto the back side of the key.
The trendkey is available only for mechanical key systems.
dormakaba licensees can upgrade their keys with a sticker showing their company logo or name on the front side.

Specification
- Serrated key made of nickel silver
- Available for 5- or 6-pin cylinders, with or without bores for side locking elements
- Clip material: polyamide 12 with 30% fibreglass reinforcement
- Six colours available

Order example
PXP/ZSL/5/TK/NS/05-DB/... key options

Options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)

System type
Standard
Replacement key (NB)
Key blank (SR)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Bow form
Trendkey bow (TK)

Keys with Systems and Clips

G.ZSL.TK | Serrated Key with Trendkey Clip

Surface finish key
Nickel-plated chemically (NIC)
Nickel silver (NS)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Locking element
Side element (SE)
Four side elements (4SE)

Key hierarchy
Main group key (HGS)
Single key (ES)

Key profile group
Single profile
Profile group with six
Profile group with 18

Keys with Systems and Clips

G.ZSL.TK | Serrated Key with Trendkey Clip

Clip colour base

Clip code 06 blue	
Clip code 07 yellow	
Clip code 03 green	
Clip code 01 red	
Clip code 10 black	
Clip code 05 dark blue	

Keys with Systems and Clips

G.ZSL.MC | Serrated Key with Metal Clip

Application
The generously dimensioned bow makes it easier to operate lock cylinders with multiple-point door locks or with armoured rosettes.
The metal bow clip is slid on a groove on the key neck for a firm and reliable fit.
The serial number is stamped on the back side of the key.

Specification
- Serrated key made of nickel silver
- Available for 5- or 6-pin cylinders, with or without bores for side locking elements
- Material: glazed metal
- Standard without coloured ball
- Option: ball in three colours for organisation. The coloured balls can be pressed in by the dealer.

Order example
PXP/ZSL/5/MC/NS/... key options

Options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
- **Legacy systems**
ANS4000 (ANS4)

System type
Standard
Replacement key (NB)
Key blank (SR)

Number of pins
Five pins (5)
Six pins (6)

Bow form
Metal clip (MC)

Surface finish key
Nickel-plated chemically (NIC)
Nickel silver (NS)

Keys with Systems and Clips

G.ZSL.MC | Serrated Key with Metal Clip

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Locking element
Side element (SE)
Four side elements (4SE)

Key hierarchy
Main group key (HGS)
Single key (ES)

Key profile group
Single profile
Profile group with six
Profile group with 18

Keys with Systems and Clips

G.ZSL.MC | Serrated Key with Metal Clip

Metal clip MC col. ball	
No	
Metal clip ball, blue	
Metal clip ball, black	
Metal clip ball, red	

Keys with Systems and Clips

G.ZSL.RR | Serrated Key with Round Bow

Application
Classic key with round bow

Specification
- Serrated key made of nickel silver or nickel-plated
- Available for 5-, 6- and 7-pin cylinders, with or without bores for side locking elements

Order example
ESP/ZSL/5/RR/NS/... key options

Technical system
- **Premier systems**
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
AP3000 (AP3)

System type
Standard
Replacement key (NB)
Key blank (SR)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Bow form
Round bow (RR)

Surface finish key
Nickel-plated (NI)
Nickel-plated chemically (NIC)
Nickel silver (NS)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Locking element
Side element (SE)
Four side elements (4SE)

Keys with Systems and Clips

G.ZSL.RR | Serrated Key with Round Bow

Key hierarchy
Main group key (HGS)
Single key (ES)

Key profile group
Single profile
Profile group with six
Profile group with 18

Keys with Systems and Clips

G.ZSL_KP | Key with Small Profile

Application
For camlock and furniture cylinders with small profiles (KP)

Specification
- Serrated key made of nickel silver or nickel-plated
- Available for 5- or 6-pin cylinders

Order example
SYST/ZSL_KP/4/RR/MS/... key options

Options as follows:

Technical system
AP2000 (SYST)

System type
Standard
Replacement key (NB)
Key blank (SR)

Number of pins
4
Five pins (5)

Bow form
Round bow (RR)

Surface finish key
Nickel-plated (NI)
Nickel silver (NS)

Key hierarchy
Main group key (HGS)
Single key (ES)

Keys with Systems and Clips

G.ZSL GF | Emergency Override Key

Application
In an emergency or in dangerous situations, doors can be unlocked even if a key is inside. In all other cases, privacy should be guaranteed – for example, for doors in dormitories and assisted living).

Notes
- The cylinder is specially prepared for emergency key use.
- The emergency key itself must be ordered separately and can be used on both sides of the cylinder.
- Only available for Euro profile double cylinders

Specification
- Serrated key made of nickel silver
- The cylinder is specially prepared for emergency key use.
- The emergency key itself must be ordered separately.

Order example
PXP/ZSL/5/GF/NS/... key options

Options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

System type
Standard
Replacement key (NB)

Keys with Systems and Clips

G.ZSL GF | Emergency Override Key

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Bow form
Emergency key (GF)

Surface finish key
Nickel-plated chemically (NIC)
Nickel silver (NS)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Locking element
Side element (SE)

Key hierarchy
Main group key (HGS)

Key profile group
Single profile
Profile group with six
Profile group with 18

Keys with Systems and Clips

G.ZSL.SK | Serrated Key with RFID Transponder Clip

Application
Key with RFID transponder clip for electronic access systems
Suitable for buildings with electronic access and mechanical lock cylinders

Specification
- Serrated key made of nickel silver
- Available for 5-, 6- and 7-pin cylinders, with or without bores for side locking elements
- Plastic key clip with transponder and optional coloured inserts

Order example
PXP/ZSL/5/SK/NS/... key options

Options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (SYST)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)

System type
Standard
Replacement key (NB)
Key blank (SR)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Bow form
Smartkey (SK)

Surface finish key
Nickel silver (NS)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Locking element
Side element (SE)

Keys with Systems and Clips

G.ZSL.SK | Serrated Key with RFID Transponder Clip

Key hierarchy
Main group key (HGS)
Single key (ES)

Key profile group
Single profile
Profile group with six
Profile group with 18

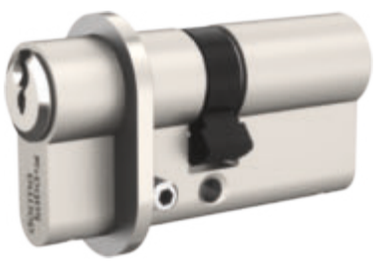
Keys with Systems and Clips

G.ZSL.SK | Serrated Key with RFID Transponder Clip

Clip colour base	
Yellow green	
Light blue	
Silver grey	
Traffic purple	
Traffic red	
Zinc yellow	

Special functions

G.AS | Pulling Protection



Application
For doors with high security requirements (increased drilling resistance and pulling protection)

Function
The increased protection against pulling (AS) guarantees protection against attempts to pull cylinders out of the lock case. Higher pulling forces can be absorbed by both the cylinder barrel and the housing.

Notes
The prerequisite is the use of security door hardware in connection with spacers to compensate for any empty spaces between the anti-pulling pin and the door hardware.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Included with the cylinder
- One ea. 1 mm spacing disc and one ea. 2 mm spacing disc. Additional discs must be ordered separately.

Order code system
Short text .../AS/... in the order code

Special functions

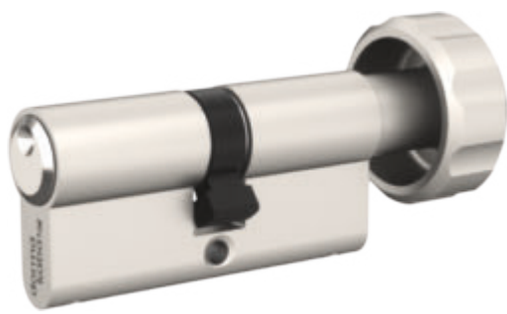
G.BL | Blind on One Cylinder Side

Application
For all mortise door lock double cylinders and thumbturn cylinders requiring no key on one side of the door

Function
The cylinder is blind on one side.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../BL-A/... in the order code for side A
Short text .../BL-B/... in the order code for side B



Special functions

G.BSZ | Double Key Override

Application
The BSZ function can be used in many applications, such as in apartment buildings, private homes, nursing homes, hospitals and commercial buildings.

Function
The double key override function enables a door to be opened regardless of whether or not a key is inserted and turned from the other side with an authorised key. The key on the opposite side is turned by the override key. The function is given on both sides of the cylinder.

Notes
The key on the opposite side is also turned. Please note that this can lead to complications if the key that is inserted is attached to a large key ring. The BSZ function is a convenience function, not a security feature.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../BSZ/... in the order code

Special functions

G.FL | Relative cam movement

Application
In the case of cylinders with relative movement, the key can be turned a full 360°, while the cam only moves a relative distance. The relative movement function has many possible configurations. The key and cylinder can thus be used for special switching or contact applications.

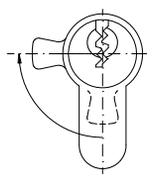
Function
In the case of cylinders with relative movement, the key can be turned a full 360°, while the cam only turns a relative distance. The relative movement function has many possible configurations.

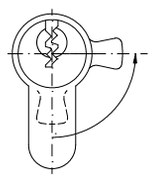
Notes
• Only available for Euro profile single cylinders

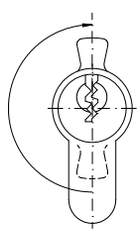
For possible combinations with other special functions see chapter "Combination Options – Special Functions"

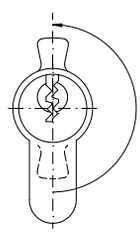
Movement options:
FL45.0-45°
FL45.135-180°
FL90.0-90°
FL90.90-180°
FL90.180-270°
FL90.270-0°
FL180.0-180°
FL180.90-270°
FL180.180-0°
FL180.270-90°
FL225.315-180°
FL270.0-270°
FL270.90-0°
FL270.180-90°
FL270.225-135°
FL270.270-180°

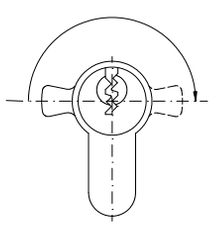
Order code system
Short text .../FL45.0-45°/... in the order code (The correct angle needs to be chosen.)

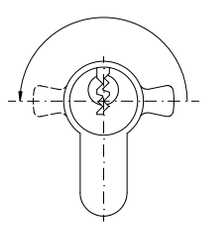

90.0-90°

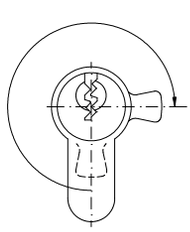

90.0-270°

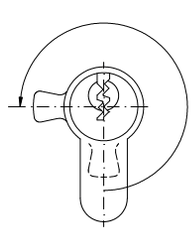

180.0-180°


180.0-180°


180.90-270°


180.270-90°


270.0-270°


270.0-90°

Special functions

G.FZG | Freewheel Cylinder for Gear-Operated and Panic Locks

Application
With this function, escape doors can be opened easily and reliably in an emergency.

Function
When using an anti-panic lock, the FZG version of the locking cylinder ensures that the cam of the cylinder can be turned freely after removing the key – even if pressure is exerted on the cam by pressing the panic bar.

Notes
- If the cylinder is used with an emergency exit or panic lock according to EN 179 or EN 1125, the manufacturer's certificate of conformity must be recognized.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../FZG/... in the order code

Special functions

G.GF | Emergency Key Function

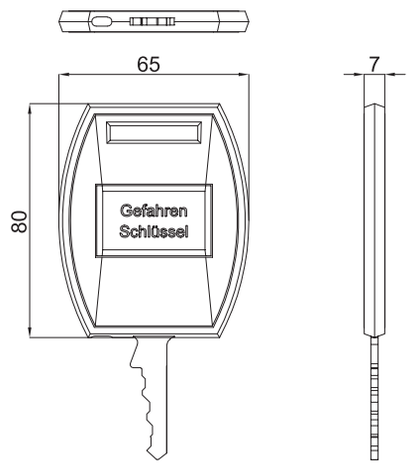
Application
In an emergency or in dangerous situations, doors can be unlocked even if a key is inside. In all other cases, privacy should be guaranteed – for example, for doors in dormitories and assisted living).

Function
The function makes it possible to unlock the door from the opposite side when the key is inserted on the other side and turned into a random position. This is only possible with a specially managed and registered emergency key.

Notes
- The cylinder is specially prepared for emergency key use.
- The emergency key itself must be ordered separately and can be used on both sides of the cylinder.
- Only available for Euro profile double cylinders

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../GF/... in the order code



Special functions

G.HG | Hotel Function, Occupied Pin

Application
The function enables a discreet occupancy indicator on the outside of the cylinder if a key is inserted on the inside (e.g. for hotel room doors).

Function
When the key is inserted on the inside, a pin on the outside of the cylinder indicates this.

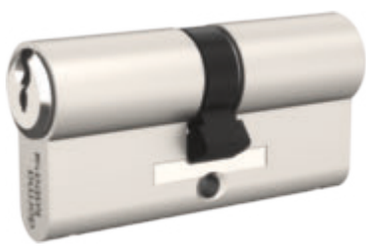
Notes
- Available only for Euro profile double cylinders
- Only possible on the outside of the cylinder, side A
- No certifications available for this function

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../HG/... in the order code

Special functions

G.LAM | Steel Reinforcement Plate



Application
At selected doors, cylinders with the steel pulling protection meet the highest requirements of EN1303 Attack Resistance Grade D.

Function
The use of a hardened steel plate in the cylinder reinforces the cylinder effectively and ensures significantly increased pulling protection.

Notes
- The steel plate is pressed into the housing below the cam recess.
- The cylinder requires a high-tension-resistant fastening screw M5x80 8.8 (ISK)
- Available for double and thumbturn cylinders

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../LAM/... in the order code

Special functions

G.PS | Restricted Access Option

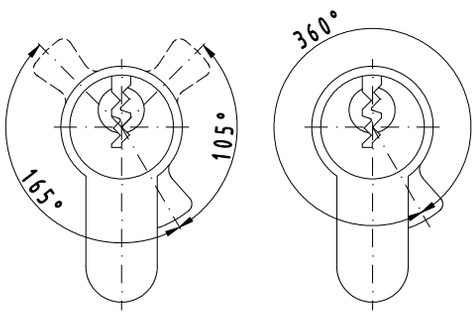
Application
With this function access to certain rooms or areas can be granted during the business hours. Outside of the business hours staff should not be able to open the doors.

Function
The personnel key retracts only the latch of the mortise lock and only opens a door when the lock bolt was previously unlocked. The bolt can only be unlocked and locked with the owner key. The mortise lock must be equipped with the key latch retraction function.

Notes
- Not available for automatically locking emergency exit locks
- The number of personnel keys must be specified at the time of ordering.
- The PS function can be provided on either side or on both sides of the door.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../PS/... in the order code



Special functions

G.SBS | Sacrificial Break Slot

Application
This function enables increased security against forced entry through doors that cannot be equipped with security door hardware. The highest attack resistance (Grade D) of EN 1303 is fulfilled.

Function
The cylinder housing is manufactured with a predefined cut so that the cylinder breaks off cleanly between two tumbler pins. The other pins remain in the housing. This means that burglars have no grip surface for burglary tools and that door can still be un/locked with an authorised key.

Notes
- This option is available for one or both sides of the lock cylinder. The cylinder side (A and/or B) of the SBS cut needs to be provided when ordering.

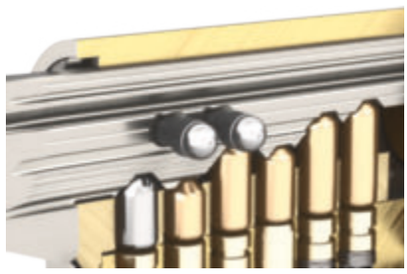
Cut positions from the end of the cylinder:
- SBS11 - 11 mm
- SBS14 - 14 mm
- SBS18 - 18 mm

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../SBS11-A/... in the order code for side A
Short text .../SBS11-B/... in the order code for side B

Special functions

G.SE | Side Elements



Application
If increased security against unauthorised keys is to be guaranteed.

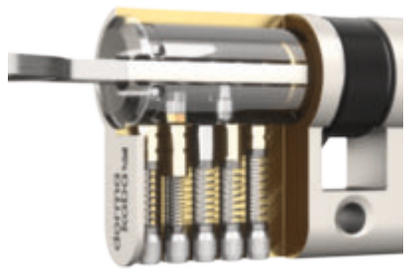
Function
In addition to the normal tumbler pin pairs in the lock cylinders, there are a series of side locking elements available. These release the cylinder only when the key has the appropriate coding.

Notes
- Additional protection against impressioning method
- Increases keying capacity in master key systems
- Not available for all systems, standard for all pextra systems

Order code system
Short text .../SE/... in the order code

Special functions

G.SUZ | Self-Changeable Cylinder (SUZ and SUZ1)



Application
If someone wants to avoid exchanging all cylinders in the case that a key is lost, if a renter moves out without returning the key or if the access for craftsmen need to be revoked after the construction phase of a building.

Function
The self-changing cylinder has three (or two for SUZ1) generations of keys. The keying of the cylinder can be changed up to two times. Turning the key of the subsequent generation revokes access for the previous generation. No other special keys or tools are required.

Notes
- Two keying changes with SUZ
- One keying change with SUZ1
- The subsequent keyings cannot be changed back.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../SUZ/... in the order code
Short text .../SUZ1/... in the order code

Special functions

G.BAZ | Construction Time Function

Application
When craftsmen need controlled access to certain areas or rooms during the construction phase of a building. At the end of the construction phase, only the tenants have access without exchanging the lock cylinders.

Function
The craftsmen receive a construction phase key. With one turn of the change key, the access rights of the construction phase key are revoked. From this time on, only the tenant or owner key has access. This eliminates the need for a provisional master key system during the construction phase.

Notes
- Construction phase keys can be issued as a general master, group or single-keyed key.
- The tenant key has access before and after the use of the change key.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../BAZ/... in the order code

Special functions

G.SSW | Dust and Splash Protection

Application
For the protection of the lock cylinder in areas with high environmental impact from the outside by dust or rain.

Function
Lock cylinders with dust and weather protection are equipped on the face with two turnable and spring-loaded plastic plates. The plates are made of highly resistant plastic to keep dust or driving rain out and to allow easy key insertion by their geometry.

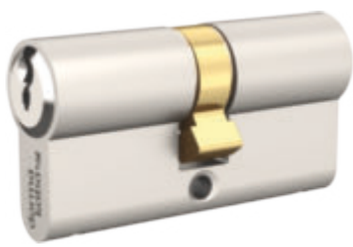
Notes
- When ordering, specify on which side(s) the cap is to be installed.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../SSW-A/... in the order code for side A
Short text .../SSW-B/... in the order code for side B
Short text .../SSW-AB/... in the order code for side A and B

Special functions

G.SWF | Seawater Resistant



Application
Protects lock cylinders against corrosion by seawater

Function
In this special configuration, the lock cylinder components are made of corrosion-resistant materials such as brass, bronze and stainless steel. This meets the requirements of the highest grade in EN 1670 (Corrosion Resistance Grade 5, 480-hour seawater spray test) for exceptional resistance of the lock cylinder against corrosion.

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../SWF/... in the order code

Special functions

G.VdS | VdS Certification

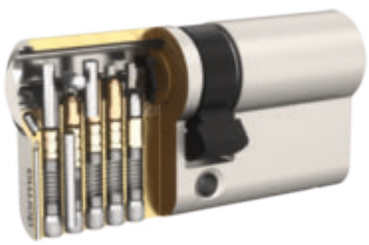
Application
For use in selected doors requiring a high level of security and a lock cylinder with anti-burglary certification by VdS.

Function
Lock cylinders with VdS certification provide the highest attack resistance against mechanical destructive opening. Lock cylinders according to VdS certification have hardened pins in the barrel and housing to protect against drilling and optional increased protection against pulling (code Z) in combination with security door hardware.

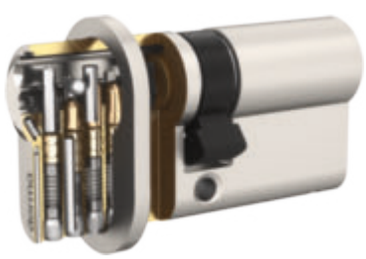
Notes
- VdS-A and VdS-AZ only with five-pin cylinders
- VdS-B and VdS-BZ only with six-pin cylinders
- Cylinder fastening screw M5 × 80 8.8 (ISK)

For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../VdSA/... in the order code
Short text .../VdSAZ/... in the order code
Short text .../VdSB/... in the order code
Short text .../VdSBZ/... in the order code



VDSA and VDSB



VDSAZ and VDSBZ

Special functions

G.VK | Wear-Resistant Barrel

Application
When cylinders are exposed to high frequent use they can be equipped with wear-resistant barrels which strongly reduces the abrasion of the barrel and enhances the lifetime of the cylinder.

Function
The cylinder barrel is covered with a nickel layer and hardened by a chemical reaction. This layer contributes significantly to wear reduction in the key canal of the lock cylinder barrel and increases its service life.

Notes
- This option is available is for one or both sides of the lock cylinder.

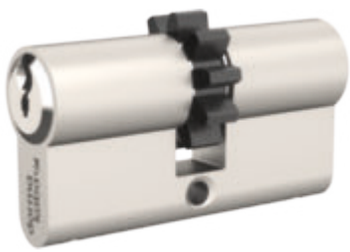
For possible combinations with other special functions see chapter "Combination Options – Special Functions"

Order code system
Short text .../VK-A/... in the order code for side A

Special functions

G.ZR | Cogwheel Cam

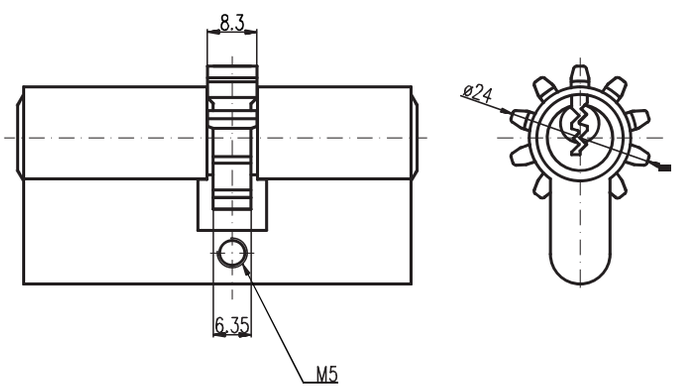
Application
Used in multi-point mortise door locks to enable easier operation of the lock.



Function
The lock cylinder is equipped with a cogwheel cam – similar to a cog gearwheel. This cam reduces the turning force on the key

Notes
- Cogwheel cam ø 24 mm with 10 teeth (ZR10)
- Cogwheel cam ø 30 mm with 18 teeth (ZR18)

For possible combinations with other special functions see chapter "Combination Options – Special Functions"



Order code system
Short text .../ZR10/... in the order code
Short text .../ZR18/... in the order code

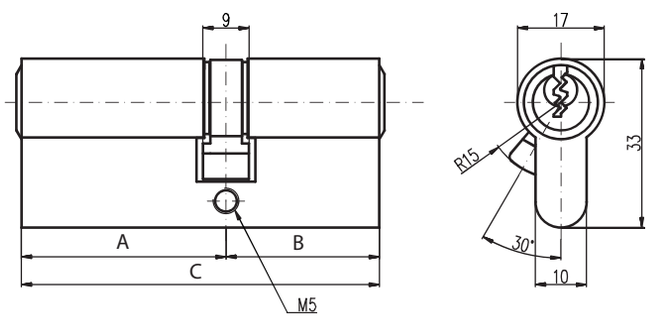
Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DZ | Double Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile
The cam operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/DZ/5/30/30/NI/SE/PXPA/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

System type
Standard
Pre-assembled (PRE)
Not assembled (UNMONT)
Pre-assembled (VOM)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DZ | Double Cylinder, Euro Profile

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Length A 17 mm EU
- **Standard lengths per side:**
Five pins – 23.5, 27.5, 30.0, 31.5 and 35.5 mm
Six pins – 31.5 and 35.5 mm
Seven pins – 35.5 mm
From 40 to 60 mm in 5 mm steps
- **Special lengths per side:**
From 65 mm to 200 mm in 5 mm steps
(Exceptions are possible)

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Coupling function
Standard coupling
Double key override (BSZ)
Freewheel cylinder for gear operated or panic locks (FZG)
Emergency key function (GF)

Cam
Standard cam
Biffar, 2-nosed cam (BIFF_2nose)
4-nosed cam (4nose)
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Universal cam 98-4-001 (UNIV)

Cam with screw
0°
30°
330°

Certificate/Standard side A
EN1303-B and EN1303-C (EN1303BC)
EN1303-D (EN1303D)
VdS-A (VdSA)
VdS-AZ (VdSAZ)
VdS-B (VdSB)
VdS-BZ (VdSBZ)
KM* (KM*)
SKG** (SKG**)
SKG*** (SKG***)
SAS (SAS)

Pulling Protection A
Steel reinforcement plate (LAM)
Pulling protection (AS)

Sacrificial break slot A
Sacrificial break slot 11 mm side A (SBS11-A)
Sacrificial break slot 14 mm side A (SBS14-A)
Sacrificial break slot 18 mm side A (SBS18-A)

Sacrificial break slot B
Sacrificial break slot 11 mm side B (SBS11-B)
Sacrificial break slot 14 mm side B (SBS14-B)
Sacrificial break slot 18 mm side B (SBS18-B)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
No, four security pins and S-pinning
Economy, no security pins (E)
Economy, four security pins and E-pinning (E4S)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Special function
Hotel function, occupied pin (HG)
Restricted access option (PS)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DZ | Double Cylinder, Euro Profile

Seawater protection
Seawater resistant (SWF)

Dust cover
Dust and splash protection side A (SSW-A)
Dust and splash protection side B (SSW-B)
Dust and splash protection side A and B (SSW-AB)

Cut A
30 mm
31.5 mm
35.5 mm
40 mm

Cut B
30 mm
31.5 mm
35.5 mm
40 mm

Blind one side
One-sided blind side A (BL-A)
One-sided blind side B (BL-B)

Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

Wear-resistant barrel B
Wear-resistant barrel side B (VK-B)

Backmilled side A
1.6 mm
Backmilled 2 mm side A (RG2-A)

Backmilled side B
1.6 mm
Backmilled 2 mm side B (RG2-B)

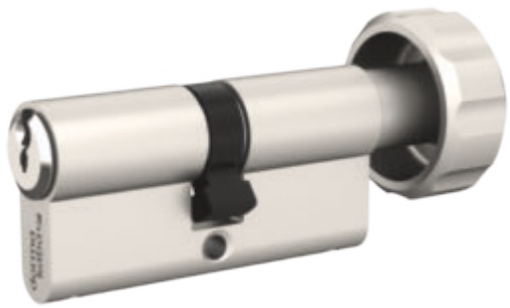
Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

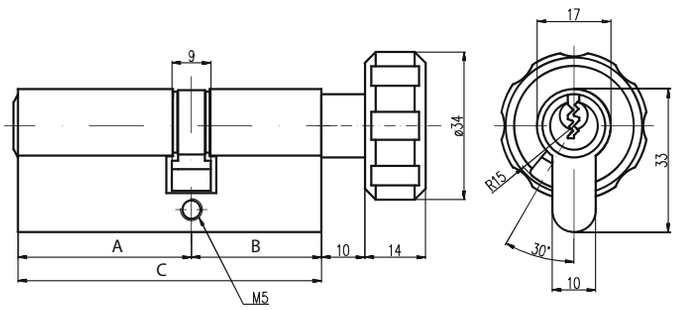
Euro Profile Cylinders

G.DKZ | Thumbturn Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile. The cam operates the bolt and latch in door locks with key latch operation.
The knob operates the lock from the inside without a key.



Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Round knob



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/DKZ/5/30/30/NI/SE/... further cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DKZ | Thumbturn Cylinder, Euro Profile

System type
Standard
Pre-assembled (PRE)
Not assembled (UNMONT)
Pre-assembled (VOM)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Length A 17 mm EU
- **Standard lengths per side:**
Five pins – 23.5, 27.5, 30.0, 31.5 and 35.5 mm
Six pins – 31.5 and 35.5 mm
Seven pins – 35.5 mm
From 40 to 60 mm in 5 mm steps
- **Special lengths per side:**
From 65 mm to 200 mm in 5 mm steps
(Exceptions are possible)

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Knob/thumbturn side B
Rectangular knob (EK)
Round knob (RKG)
Oval knob (OK)
Small round knob (KRK)
Freedom knob (FK)
Freedom easy knob (FEK)
Oval profile knob (OPK)
EURO knob (EURO)
D-LINE knob (OKD)
Panic knob (PANIK)
Hewi knob (DK-HK32)

Thumbturn fixation B
Knob fix
Knob demountable (DK-ABN)

Coupling function
Standard coupling
Freewheel cylinder for gear operated or panic locks (FZG)

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Biffar, 2-nosed cam (BIFF_2nose)
Single 8 mm
Single 8.7 mm
Single Fullex
Single AG186 (KSP)

Cam with screw
0°
30°
330°
Standard: 30°
Optional: 0° to 360° in 15° steps

Certificate/Standard side A
EN1303-B and EN1303-C (EN1303BC)
EN1303-D (EN1303D)
VdS-A (VdSA)
VdS-AZ (VdSAZ)
VdS-B (VdSB)
VdS-BZ (VdSBZ)
KM* (KM*)
SKG** (SKG**)
SKG*** (SKG***)
SAS (SAS)

Pulling Protection A
Steel reinforcement plate (LAM)

Sacrificial break slot A
Sacrificial break slot 11 mm side A (SBS11-A)
Sacrificial break slot 14 mm side A (SBS14-A)
Sacrificial break slot 18 mm side A (SBS18-A)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DKZ | Thumbturn Cylinder, Euro Profile

Economy style
No, four security pins and S-pinning
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)

Seawater protection
Seawater resistant (SWF)

Dust cover
Dust and splash protection side A (SSW-A)

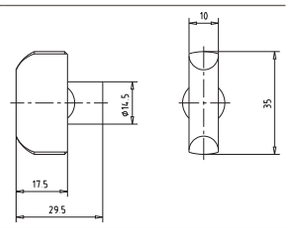
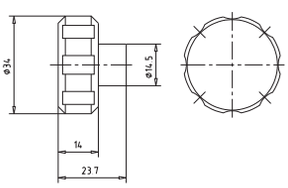
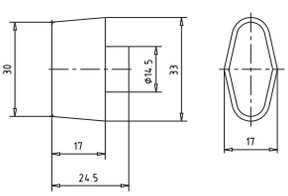
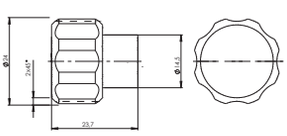
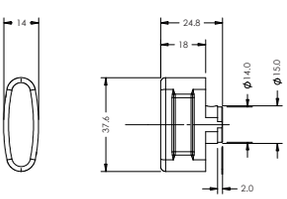
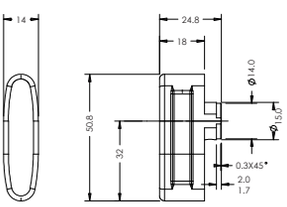
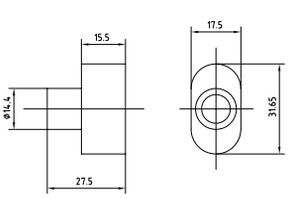
Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

Backmilled side A
1.6 mm
Backmilled 2 mm side A (RG2-A)

Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

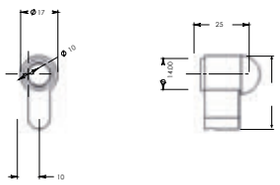
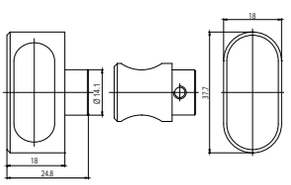
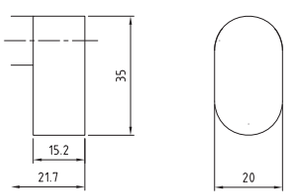
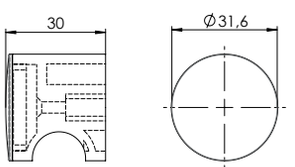
Cylinder Knobs

G.DKZ | Thumbturn Cylinders Serrated Key Systems

Order code short text	Type	Image	Drawing
EK	Rectangular knob		
RKG	Round knob		
OK	Oval knob		
KRK	Small round knob		
FK	Freedom knob		
FEK	Freedom easy knob		
OPK	Oval profile knob		

Cylinder Knobs

G.DKZ | Thumbturn Cylinders Serrated Key Systems

Order code short text	Type	Image	Drawing
EURO	EURO knob		
OKD	Oval knob D-Line		
PANIK	Panic knob Available in these surface finishes only: Nickel plated (NI) Brass dull (MS) Brass Polished (MP) Chrome plated polished (CRP)		
DK-HK32	HEWI knob Colours: red further colours on request		

Knob Surface Finishes (unless specified otherwise):
Nickel plated (NI)
Brass dull (MS)
Brass polished (MP)
Brass brushed (MB)
Chrome plated (CR)
Chrome plated polished (CRP)
Chrome plated dull (CRM)
Chrome plated scotch (CRS)
Bronzed dark (BD)
Bronzed medium (BM)
Bronzed light (BH)

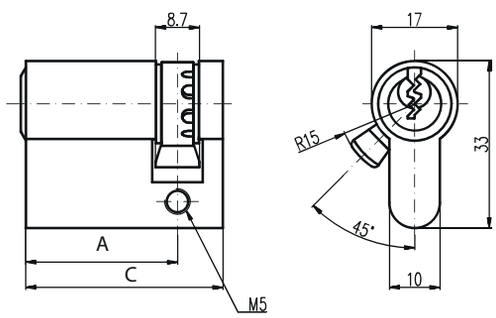
Mortise Door Lock Cylinders

Euro Profile Cylinders

G.HZ | Single Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile. The cam operates the bolt and latch in door locks with key latch operation.
For all mortise door locks in Euro profile requiring key operation on one side only.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Cam is set at 45° over the housing and can be changed to eight positions by pressing the spring-loaded cam pin by 45°.



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/HZ/5/30/NI/SE/... further cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.HZ | Single Cylinder, Euro Profile

System type
Standard
Pre-assembled (PRE)
Not assembled (UNMONT)
Pre-assembled (VOM)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Locking direction
Without closing direction
Right (R)
Left (L)

Length A 17 mm EU
- **Standard lengths:**
Five pins – 23.5, 27.5, 30.0, 31.5 and 35.5 mm
Six pins – 31.5 and 35.5 mm
Seven pins – 35.5 mm
From 40 to 60 mm in 5 mm steps
- **Special lengths:**
From 65 to 200 mm
(Exceptions are possible.)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Coupling function
Standard coupling
Freewheel cylinder for gear operated or panic locks (FZG)

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Single CAM r = 13.2
Single Fullex
Single AG186 (KSP)

Cam with screw
0°
30°
45°
90°
135°
180°
225°
270°
315°
330°
FL45.0-45°
FL45.135-180°
FL90.0-90°
FL90.90-180°
FL90.180-270°
FL90.270-0°
FL180.0-180°
FL180.90-270°
FL180.180-0°
FL180.270-90°
FL225.315-180°
FL270.0-270°
FL270.90-0°
FL270.180-90°
FL270.225-135°
FL270.270-180°
FL315.225-180°
FL315.315-270°

Certificate/Standard side A
EN1303-B and EN1303-C (EN1303BC)
EN1303-D (EN1303D)
VdS-A (VdSA)
VdS-AZ (VdSAZ)
VdS-B (VdSB)
VdS-BZ (VdSBZ)
KM* (KM*)
SKG** (SKG**)
SKG*** (SKG***)
SAS (SAS)

Pulling Protection A
Pulling protection (AS)

Sacrificial break slot A
Sacrificial break slot 11 mm side A (SBS11-A)
Sacrificial break slot 18 mm side A (SBS18-A)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.HZ | Single Cylinder, Euro Profile

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
No, four security pins and S-pinning
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Construction time function (BAZ)
Reflex

Seawater protection
Seawater resistant (SWF)

Dust cover
Dust and splash protection side A (SSW-A)

Cut A
30 mm
31.5 mm
35.5 mm
40 mm

Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

Backmilled side A
Backmilled 2 mm side A (RG2-A)
Backmilled 3.6 mm side A (RG3.6-A)

Backmilled side B
Backmilled 1 mm side B (RG1-B)

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 25 mm (Pozidrive)
PL screw PA M5 × 30 mm (Pozi)
Screw M5 × 40 mm (BS_M5x40)
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)
With fixing screw M5 × 6
With fixing screw M4 × 6

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DZ_TS7 | Double Cylinder Guard TS007, Euro Profile

Application
For all mortise door locks in Euro profile. The cam operates the bolt and latch in door locks with key latch operation.
The cylinder features a sacrificial break slot, which ensures that in the event of the cylinder being snapped, the secure core of the lock is retained within the door, preventing forced override of the cylinder.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Break-sure high-security lock cylinder
- Meets the requirements of TS007 3-star

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/DZ_TS7/5/30/30/NI/SE/... further cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)

System type
Standard
Pre-assembled (PRE)

Number of pins
Six pins (6)

Length A 17 mm EU
Six pins – 35.5 mm
40 to 60 mm in 5 mm steps

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DZ_TS7 | Double Cylinder Guard TS007, Euro Profile

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Nickel, natural (NIN)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Cam with screw
30°
330°

Certificate/Standard side A
KM*** (KM***)

Locking element
Side element (SE)

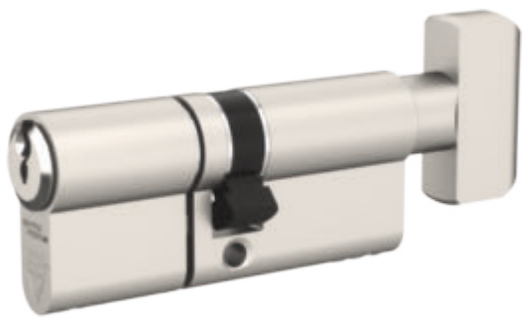
Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DKZ_TS7 | Thumbturn Cylinder Guard TS007, Euro Profile



Application
For all mortise door locks in Euro profile. The cam operates the bolt and latch in door locks with key latch operation.
The knob operates the lock from the inside without a key.
The cylinder features a sacrificial break slot, which ensures that in the event of the cylinder being snapped, the secure core of the lock is retained within the door, preventing forced override of the cylinder.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Rectangular knob

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/DKZ_TS7/5/30/30/NI/SE/... further cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)

Number of pins
Six pins (6)

Length A 17 mm EU
Six pins – 35.5 mm
40 to 60 mm in 5 mm steps

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Nickel, natural (NIN)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)

Mortise Door Lock Cylinders

Euro Profile Cylinders

G.DKZ_TS7 | Thumbturn Cylinder Guard TS007, Euro Profile

Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Knob/thumbturn side B
Rectangular knob (EK)
Round knob (RKG)
Oval knob (OK)
Small round knob (KRK)
Freedom knob (FK)
Freedom easy knob (FEK)
Oval profile knob (OPK)
EURO knob (EURO)
D-LINE knob (OKD)
Panic knob (PANIK)

Thumbturn fixation B
Knob fix
Knob demountable (DK-ABN)

Cam with screw
30°
330°

Certificate/Standard side A
KM*** (KM***)

Locking element
Side element (SE)

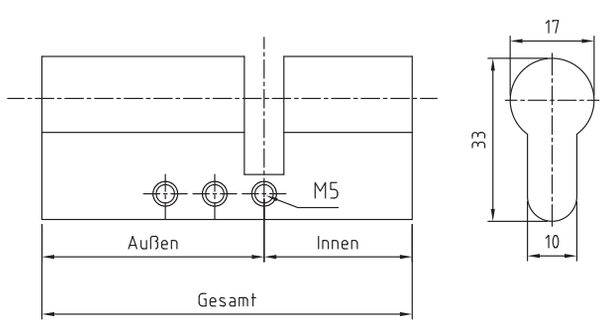
Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Blind cylinders

BDZ | Blind Double Cylinder, Euro Profile



Application
For all mortise door locks in Euro profile requiring no key operation in the door

Specification
- Housing made from solid natural brass, surface nickel-plated
- Housing is supplied in solid natural brass with nickel-plating. No system designation is required. Standard blind cylinders are not drilled for inserts and are stocked in many lengths.

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm

Order example
- BDZ/30/30/NI
- BDZ/15/50/CR

Cylinder options as follows:

Length A 17 mm EU
Length per side: 15 to 200 mm in 5 mm steps

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

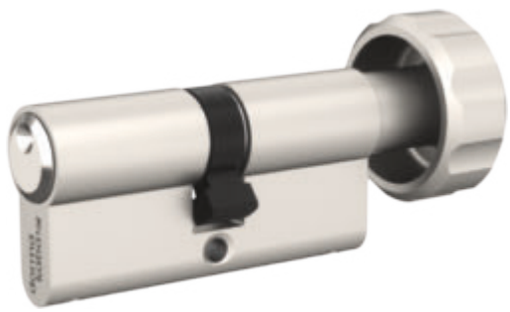
Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Blind cylinders

G.BDKZ | Blind Thumbturn Double Cylinder, Euro Profile

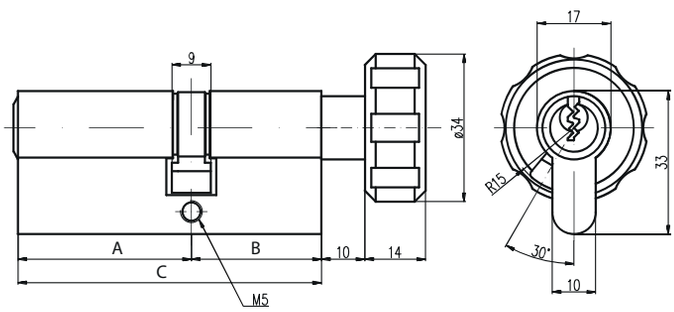
Application
For all thumbturn cylinders which require no key. The thumbturn knob operates the bolt and latch of the mortise door lock.



Specification
- Housing made from solid natural brass, surface nickel-plated
- No system is required for this cylinder type.
- Round knob

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions

Order example
- G/BDKZ/30/30/NI/... cylinder options



Cylinder options as follows:

Length A 17 mm EU
- **Standard lengths per side:**
23.5, 27.5, 30.0, 31.5 and 35.5 mm
From 40 to 75 mm in 5 mm steps
- **Special lengths per side:**
From 80 to 200 mm in 5 mm steps

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Knob/thumbturn side B
Rectangular knob (EK)
Round knob (RKG)
Oval knob (OK)
Small round knob (KRK)
Oval profile knob (OPK)

Mortise Door Lock Cylinders

Blind cylinders

G.BDKZ | Blind Thumbturn Double Cylinder, Euro Profile

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Biffar, 2-nosed cam (BIFF_2nose)
Single 8 mm
Single 8.7 mm
Single AG186 (KSP)
Single AG221 (KSP)

Mortise Door Lock Cylinders

Blind cylinders

BHZ | Blind Single Cylinder, Euro Profile

Application
For all mortise door locks in Euro profile requiring no key operation in the door

Specification
- Housing made from solid natural brass, surface nickel-plated
- Housing is supplied in solid natural brass with nickel-plating. No system designation is required. Standard blind cylinders are not drilled for inserts and are stocked in many lengths.

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm

Order example
- BHZ/25/NI
- BHZ/55/CR

Cylinder options as follows:

Length A 17 mm EU
Length per side: 25 to 120 mm in 5 mm steps

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 65 mm (BS_M5x65)
Screw M5 × 70 mm (BS_M5x70)
Screw M5 × 75 mm (BS_M5x75)
Screw M5 × 80 mm (BS_M5x80)
Screw M5 × 85 mm (BS_M5x85)

Mortise Door Lock Cylinders

Blind cylinders

G.BHZ_DK | Blind Thumbturn Single Cylinder, Euro Profile

Application
For all thumbturn cylinders in Euro profile requiring no keying on one side of the door

Specification
- Housing made from solid natural brass, surface nickel-plated
- No system is required for this cylinder type.

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions

Order example
- G/BHZ_DK/30/NI/... cylinder options

Cylinder options as follows:

Length A 17 mm EU
- **Standard lengths:**
23.5, 27.5, 30.0, 31.5 and 35.5 mm
From 40 to 75 mm in 5 mm steps
- **Special lengths:**
From 80 to 115 mm in 5 mm steps

Surface cylinder
Nickel-plated (NI)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed dark (BD)
Bronzed medium (BM)
Bronzed light (BH)

Knob/thumbturn side B
Without thumbturn (KK)
Rectangular knob (EK)
Round knob (RKG)
Oval knob (OK)
Small round knob (KRK)
Freedom knob (FK)
Freedom easy knob (FEK)
Oval profile knob (OPK)
EURO knob (EURO)
D-LINE knob (OKD)

Mortise Door Lock Cylinders

Blind cylinders

G.BHZ_DK | Blind Thumbturn Single Cylinder, Euro Profile

Thumbturn fixation A
Knob fix
Knob demountable (DK-ABN)

Cam
Standard cam
Cogwheel cam z = 10 (ZR10)
Cogwheel cam z = 18 (ZR18)
Single AG186 (KSP)

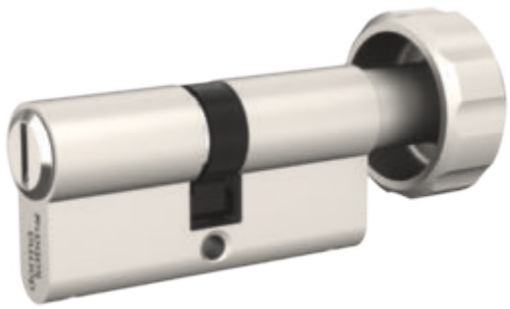
Seawater protection
Without seawater protection
Seawater resistant (SWF)

Mortise Door Lock Cylinders

Blind cylinders

G.WCZ | WC Cylinder, Euro Profile

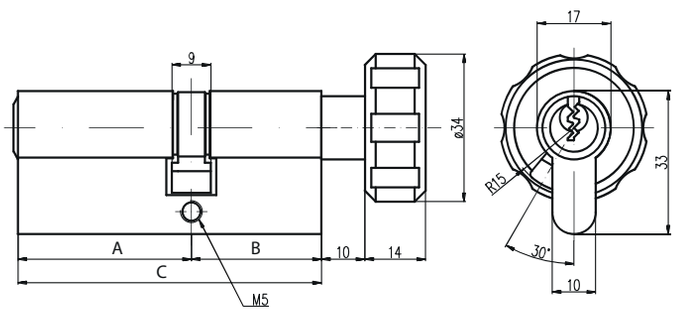
Application
For all toilet mortise door locks in Euro profile
The cam operates the bolt in a toilet door lock with occupied/vacant indication and emergency unlocking from the outside.



Specification
- Housing made from solid natural brass, surface nickel-plated
- Round knob

Included with the cylinder
- One cylinder fastening screw M5 × 70 mm
- Installation and maintenance instructions

Order example
- G/WCZ/30/30/NI/... cylinder options



Cylinder options as follows:

Length A 17 mm EU
- **Standard lengths per side:**
23.5, 27.5, 30.0, 31.5 and 35.5 mm
From 40 to 75 mm in 5 mm steps
- **Special lengths per side:**
From 80 to 200 mm in 5 mm steps

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome, polished (CRP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Knob/thumbturn side B
Rectangular knob (EK)
Round knob (RKG)
Oval knob (OK)
Small round knob (KRK)
Freedom knob (FK)
Oval profile knob (OPK)
EURO knob (EURO)
D-LINE knob (OKD)

Thumbturn fixation B
Knob fix
Knob demountable (DK-ABN)

Mortise Door Lock Cylinders

Blind cylinders

G.WCZ | WC Cylinder, Euro Profile

Cam
Standard cam
Single AG186 (KSP)

Thumbturn sleeve
With thumbturn sleeve

Mortise Door Lock Cylinders

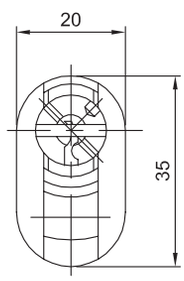
Scandinavian Door Cylinders

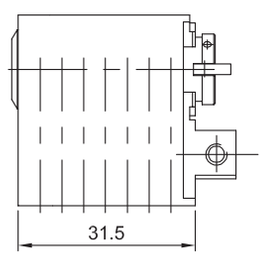
G.OHZ_SK.2520 | Oval Single Cylinder 2520, Norway

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions





Order example
- PXP/OHZ_SK/2520/7/CRS/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)

Type cylinder
2520 Nordic oval AZ (2520)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.2520 | Oval Single Cylinder 2520, Norway

Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)
No, four security pins and S-pinning

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

Seawater protection
Seawater resistant (SWF)

Blind one side
One-sided blind side A (BL-A)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.2537 |Oval Single Cylinder 2537, Norway

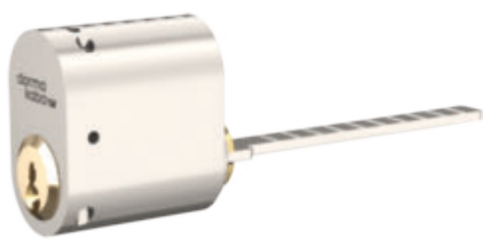
Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing made of brass, scotch chrome-plated, and barrel in dull brass
- Serrated key made of nickel silver or nickel-plated
-

Type 2537

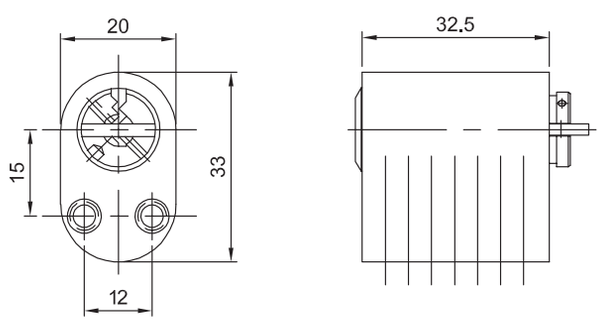
Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/OHZ_SK/2537/7/CRS/... cylinder options



Type 2537ESP

Cylinder options as follows:



Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)

Type cylinder
2537 Nordic oval AZ (2537)
2537ESP Nordic oval AZ long tailpiece (2537ESP)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.2537 |Oval Single Cylinder 2537, Norway

Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)
No, four security pins and S-pinning
No, seven security pins and S-pinning (7SSK)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

Seawater protection
Seawater resistant (SWF)

Blind one side
One-sided blind side A (BL-A)

Mortise Door Lock Cylinders

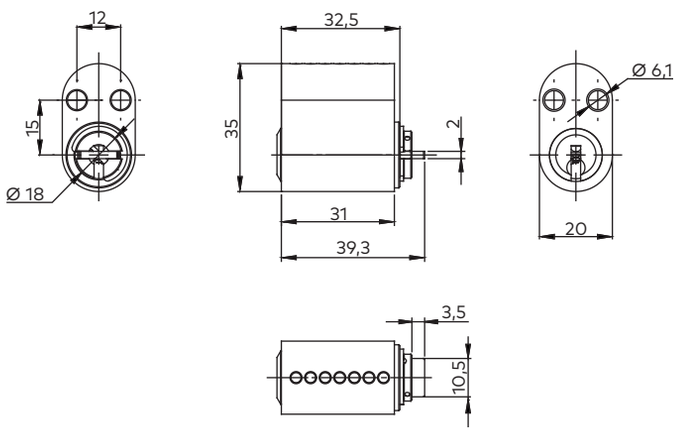
Scandinavian Door Cylinders

G.OHZ_SK.2547 | Oval Single Cylinder 2547, Inside, Norway

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
- PXP/OHZ_SK/2547/7/CRS/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)

Type cylinder
2547 Nordic oval IZ (2547)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.2547 | Oval Single Cylinder 2547, Inside, Norway

Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

Seawater protection
Seawater resistant (SWF)

Blind one side
One-sided blind side A (BL-A)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

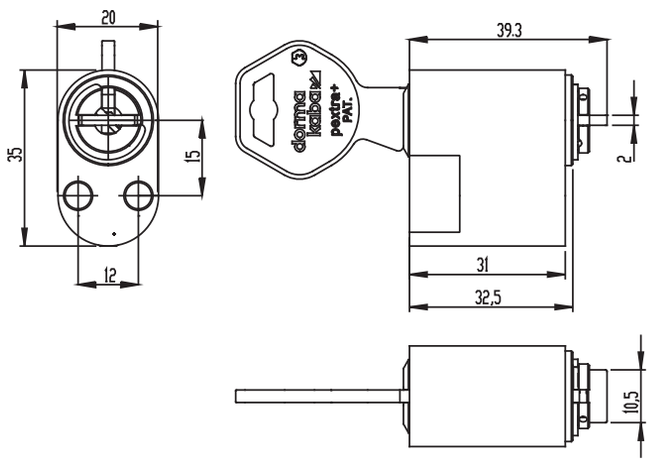
G.OHZ_SK.2557 |Oval Single Cylinder 2557, Rokoko, Norway

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/OHZ_SK/2557/7/CRS/... cylinder options



Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)

Type cylinder
2557 Nordic Rokoko (2557)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.2557 |Oval Single Cylinder 2557, Rokoko, Norway

Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

Seawater protection
Seawater resistant (SWF)

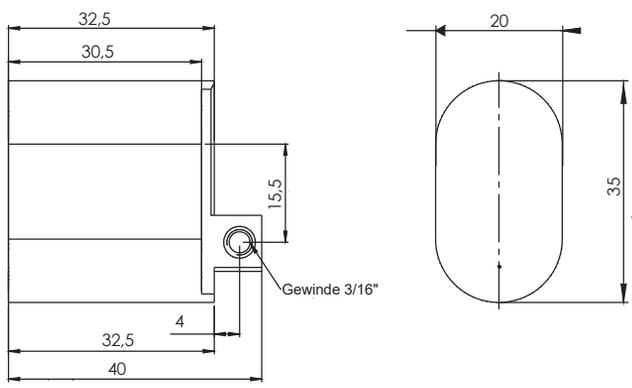
Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.BOHZ | Blind Oval Single Cylinder

Application
For all mortise door locks in oval profile requiring no keying

Specification
- Housing made from solid natural brass, surface nickel-plated
- Type 2520 - oval outside cylinder
  Type 2537 - oval outside cylinder
  Type 2547 - oval outside cylinder



Order example
G/BOHZ/2520/CR/... further cylinder options

Cylinder options as follows:

Type cylinder
2520 (2520)
2537 (2537)
2547 (2547)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Mortise Door Lock Cylinders

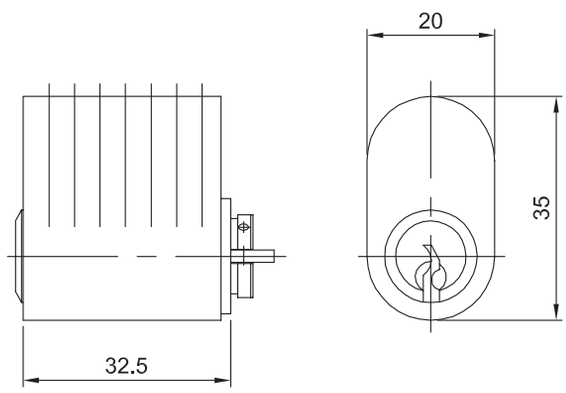
Scandinavian Door Cylinders

G.OHZ_SK.325 I Oval Single Cylinder 325, Sweden

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in dull brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
- PXP/OHZ_SK/325/7/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
CNS2000 (CNS2)
HKS2000 (HKS2)

Type cylinder
325 Sweden oval AZ (325)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.325 | Oval Single Cylinder 325, Sweden

Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)
No, seven security pins and S-pinning (7SSK)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Two SUZ drillings (2 + 7)
Reflex

Seawater protection
Seawater resistant (SWF)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

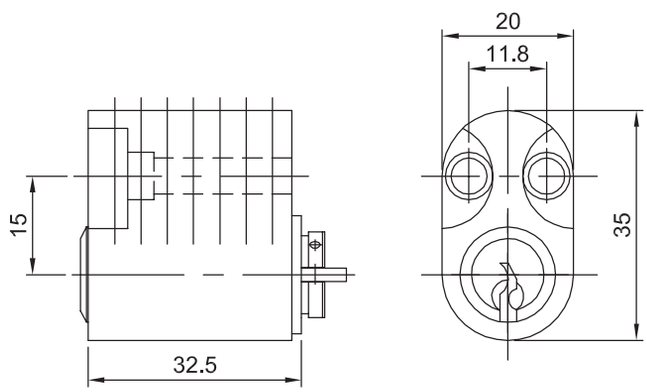
G.OHZ_SK.326 | Oval Single Cylinder 326, Rokoko, Sweden

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in dull brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/OHZ_SK/326/7/CR/... cylinder options



Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)

Type cylinder
326 Sweden Rokoko (326)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.326 | Oval Single Cylinder 326, Rokoko, Sweden

Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Two SUZ drillings (2 + 7)
Reflex

Seawater protection
Seawater resistant (SWF)

Blind one side
Without one side blind
One-sided blind side A (BL-A)

Mortise Door Lock Cylinders

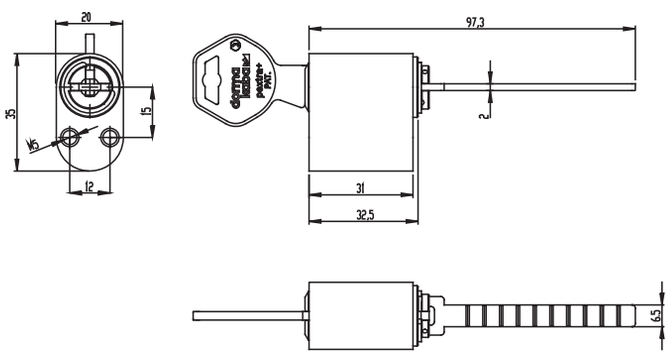
Scandinavian Door Cylinders

G.OHZ_SK.327 | Oval Single Cylinder 327, with Long Tailpiece, Sweden

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in dull brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
- PXP/OHZ_SK/327/7/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)

Type cylinder
327 Sweden long tailpiece (327)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.327 | Oval Single Cylinder 327, with Long Tailpiece, Sweden

Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Two SUZ drillings (2 + 7)
Reflex

Mortise Door Lock Cylinders

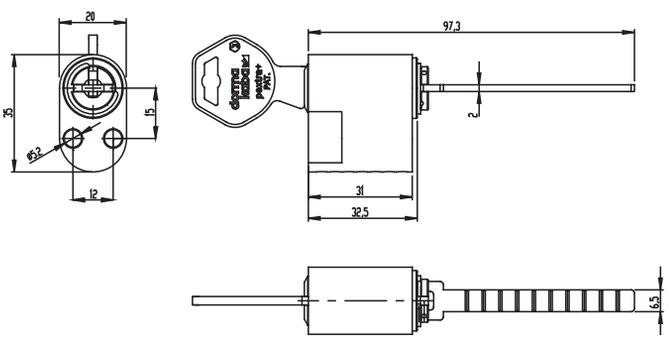
Scandinavian Door Cylinders

G.OHZ_SK.329 | Oval Single Cylinder 329, Rokoko, with Long Tailpiece, Sweden

Application
For all mortise door locks in Nordic oval profile. The tailpiece operates the bolt and/or latch.

Specification
- Housing chrome-plated and barrel in dull brass
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
- PXP/OHZ_SK/329/7/CR/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)

Type cylinder
329 Sweden Rokoko long tailpiece (329)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)

Mortise Door Lock Cylinders

Scandinavian Door Cylinders

G.OHZ_SK.329 | Oval Single Cylinder 329, Rokoko, with Long Tailpiece, Sweden

Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Two SUZ drillings (2 + 7)
Reflex

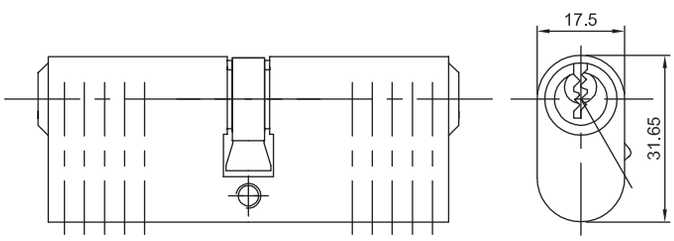
Mortise Door Lock Cylinders

Union Profile Cylinders

G.UDZ | Union Double Cylinder

Application
For all mortise door locks in British Union oval profile. The cam operates the latch and/or bolt of the door lock.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/UDZ/5/30/30/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
AP3000 (AP3)
AP4000 (AP4)

Number of pins
Five pins (5)
Six pins (6)

Length A 17 mm EU
- **Standard lengths per side:**
30, 31.5, 35.5 and 40 mm

Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)

Mortise Door Lock Cylinders

Union Profile Cylinders

G.UDZ | Union Double Cylinder

Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Coupling function
Standard coupling

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)
No, four security pins and S-pinning

Cylinder fastening screw
Without cylinder fastening screw (no_BS)
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 70 mm (BS_M5x70)

Mortise Door Lock Cylinders

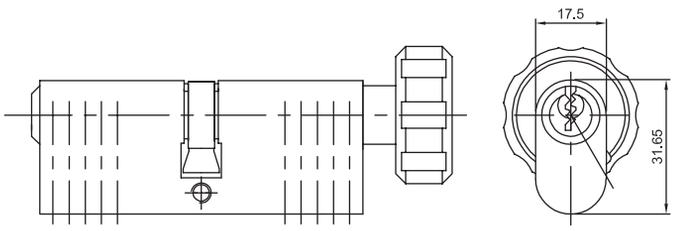
Union Profile Cylinders

G.UDKZ | Union Thumbturn Cylinder

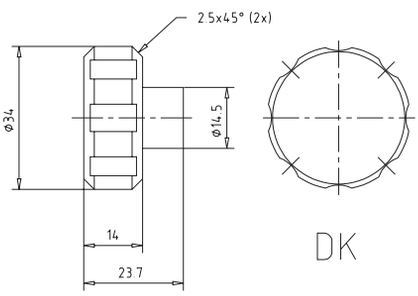
Application
For all mortise door locks in British Union oval profile. The cam operates the latch and/or bolt of the door lock.
The knob operates the lock from the inside without a key.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Round knob

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

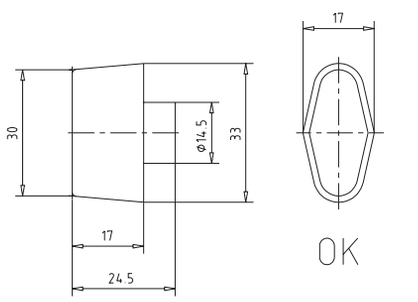


Order example
- PXP/UDKZ/5/30/30/NI/SE/... cylinder options



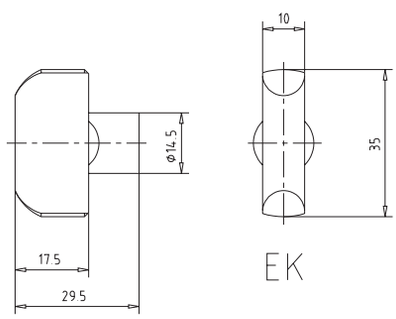
Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
AP3000 (AP3)



Number of pins
Five pins (5)
Six pins (6)

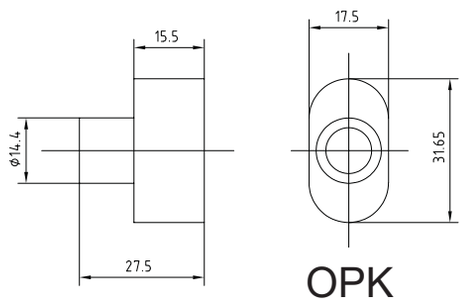
Length A 17 mm EU
- **Standard lengths per side:**
31.5, 35.5, 40, 45 and 50 mm
- **Further lengths side A:**
70 mm



Mortise Door Lock Cylinders

Union Profile Cylinders

G.UDKZ | Union Thumbturn Cylinder



Surface DZ side A
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Knob/thumbturn side B
Without thumbturn (KK)
Rectangular knob (EK)
Round knob (RKG)
Oval knob (OK)
Small round knob (KRK)
Freedom knob (FK)
Freedom easy knob (FEK)
Oval profile knob (OPK)
EURO knob (EURO)
D-LINE knob (OKD)

Thumbturn fixation B
Knob fix
Knob demountable (DK-ABN)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Mortise Door Lock Cylinders

Union Profile Cylinders

G.UDKZ | Union Thumbturn Cylinder

Economy style
Economy, no security pins (E)
No, four security pins and S-pinning

Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

Cylinder fastening screw
Screw M5 × 70 mm (BS_M5x70)

Mortise Door Lock Cylinders

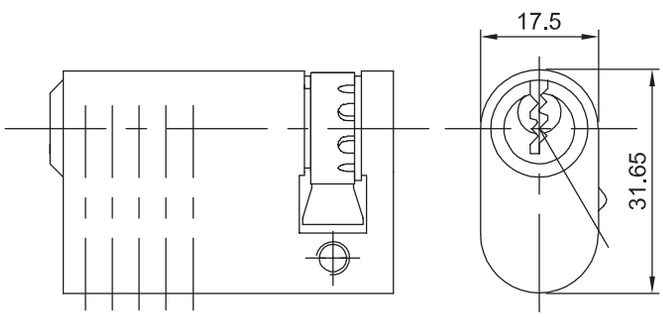
Union Profile Cylinders

G.UHZ | Union Single Cylinder

Application
For all mortise door locks in British Union oval profile. The cam operates the latch and/or bolt of the door lock.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- One cylinder fastening screw M5 × 70 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
- PXP/UDHZ/5/30/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
AP3000 (AP3)
AP4000 (AP4)

Number of pins
Five pins (5)
Six pins (6)

Length A 17 mm EU
- **Standard lengths per side:**
30, 31.5, 35.5 and 40 mm

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)

Mortise Door Lock Cylinders

Union Profile Cylinders

G.UHZ | Union Single Cylinder

Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)
No, four security pins and S-pinning

Cylinder fastening screw
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 70 mm (BS_M5x70)

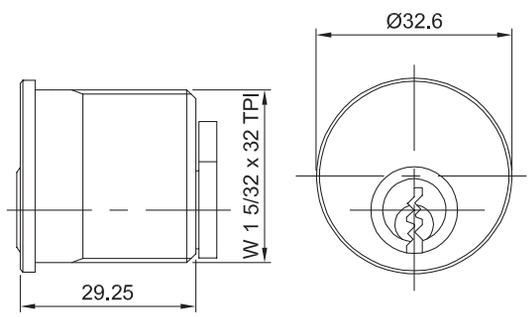
Mortise Door Lock Cylinders

Round Cylinders / Screw-In Cylinders

G.SCHRZ | Screw-In Cylinder

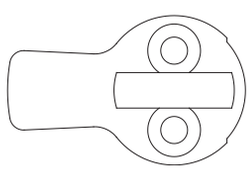
Application
For Union, Yale and Adams Rite surface-mounted door locks
The cam operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- House made of dull brass or nickel-plated, 1-5/32 32TPI outside thread
- Serrated key made of nickel silver or nickel-plated
- Length 25 mm with five pins only



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions
- Cam

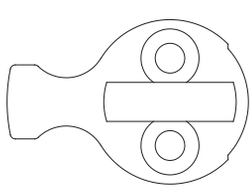
Order example
PXP/5/SCHRZ/NI/SE/UNION/... cylinder options



Cam for Union lock

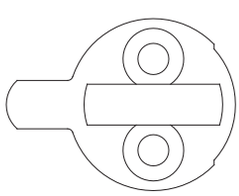
Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
AP2000 (AP2)



Cam for Yale lock

Number of pins
Five pins (5)
Six pins (6)



Cam for Adams Rite lock

Length furniture cylinder
25,0
29,0
35,0
40,0
45,0

Mortise Door Lock Cylinders

Round Cylinders / Screw-In Cylinders

G.SCHRZ | Screw-In Cylinder

Surface cylinder
Nickel-plated (NI)
Brass, brushed (MB)

Cam
Union (UNION)
Yale (YALE)
Adams (ADAMS)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
Economy, no security pins (E)
No, four security pins and S-pinning

Camlocks

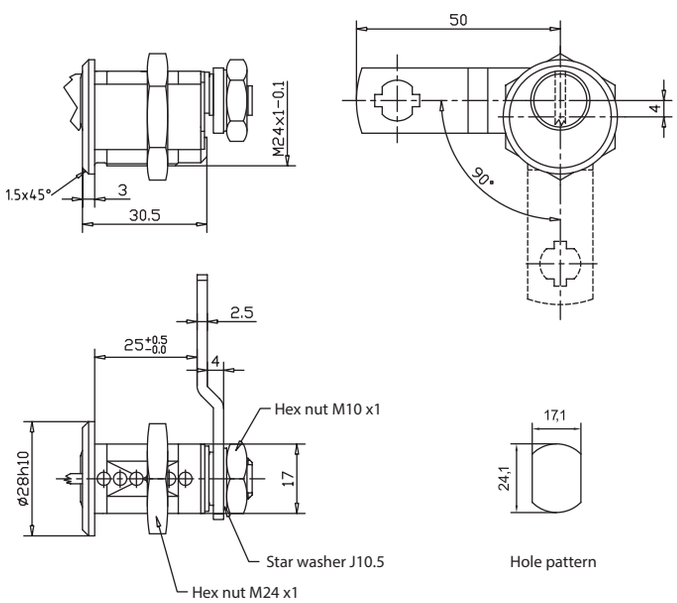
G.BMZ | Camlock Cylinder

Application
For all enclosures with sheet metal doors, such as mailboxes, lockers, control cabinets, etc.
Easy installation with slip-in support plate and set screws which serve as cam stops

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Round rosette
- Standard cam, drawing 210.210.701

Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- One support plate
- One cam
- Set and stop screws
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/BMZ/5/L/NI/210.210.701/RMO/SE/ ... cylinder options



With 5 pins

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Camlocks

G.BMZ | Camlock Cylinder

System type
Standard
Pre-assembled (VOM)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

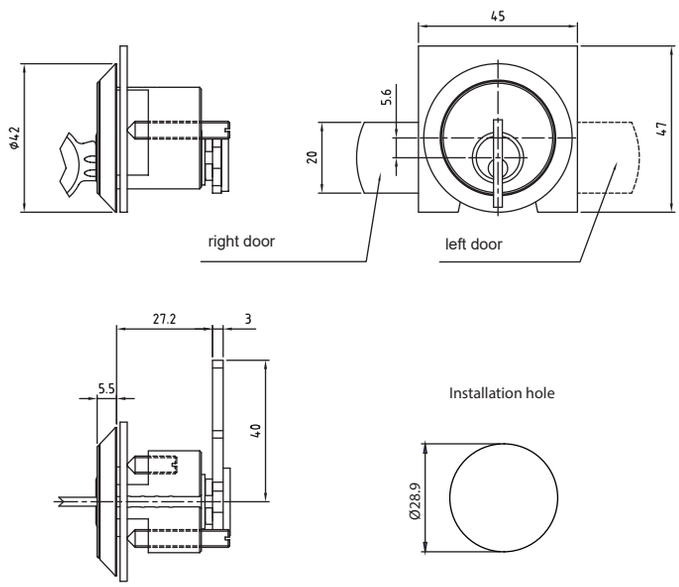
Locking direction
Right (R)
Left (L)

Surface cylinder
Brass, dull (MS)
Chrome-plated (CR)
Brass, polished (MP)
Bronzed medium (BM)

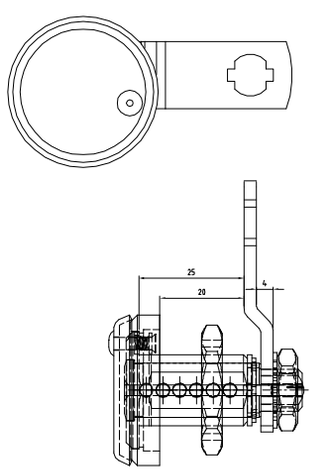
Cams
Ohne Riegel (O_CAM)
Cam Z210.027.701, cam, 57 mm long
Cam Z210.027.702, cam, 72 mm long
Cam Z210.027.705, cam, 54 mm long
Cam Z210.027.710, cam, 52.5 mm long
Cam Z210.027.711, cam, 47.5 mm long
Cam Z210.027.712, cam, 47.5 mm long
Cam Z210.027.714, cam, 57.5 mm long
Cam Z210.028.710, cam, 43 mm long
Cam Z210.197.701, cam, 39 mm long
Cam Z210.210.704, cam, 55 mm long
Cam Z210.213.701, cam, 54 mm long
Cam Z210.212.701, execution: SK
Cam Z210.213.703.(H), cam, 43 mm long
Cam Z210.028.712 JU-1090, for mailbox type Junie I
Cam Z210.028.707RI-1090, for mailbox type Renz I
Cam Z210.028.708RII-1090, for mailbox type Renz II
Cam ZG028717/1, cam, 37.8 mm long
Cam ZG201754, BM cylinder for emergency key cabinets
Cam ZG210701, cam, 53 mm long
Cam DG027703, EVN-type 3

Cam fastened
Cam mounted (RMO)
Cam unmounted (RLO)

Locking element
Side element (SE)



With 6 pins



With weather protection cap

Camlocks

G.BMZ | Camlock Cylinder

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

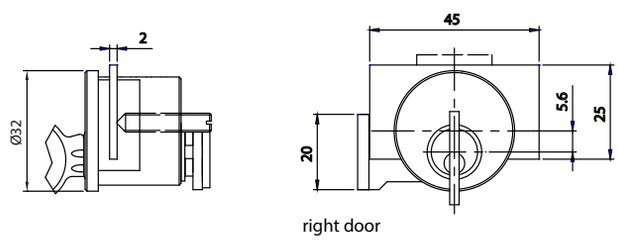
Special function
Paediatrics clinic (KIKL)

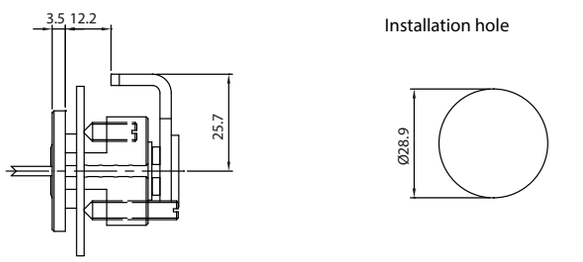
Seawater protection
Seawater resistant (SWF)

Weather protection
Protection cover (SKL)
With cover Z (SKLZ)
With cover BB (SKLBB)

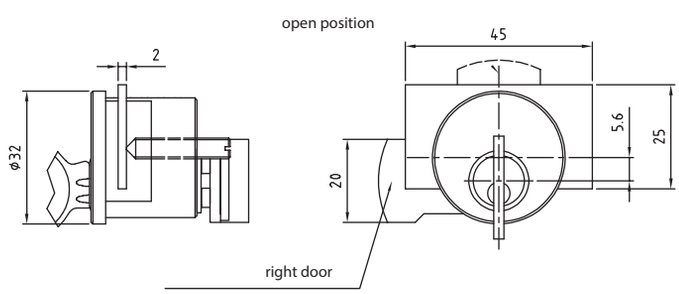
Mounting type accessories
Accessories mounted (ZMO)
Accessories unmounted (ZLO)

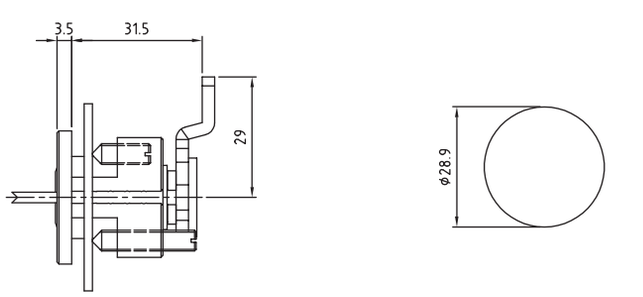
Rosette
Without rosette (O_RO)
Rosette, round BMZ (R_RO)





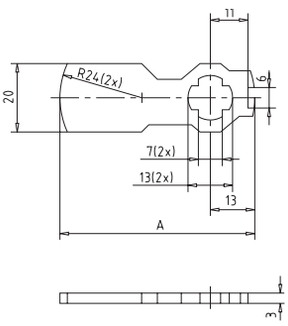
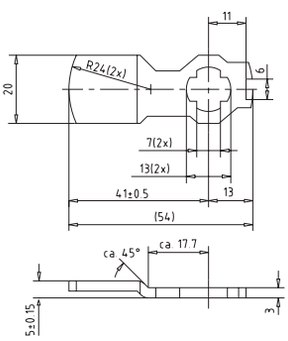
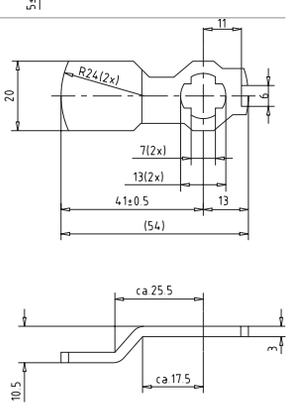
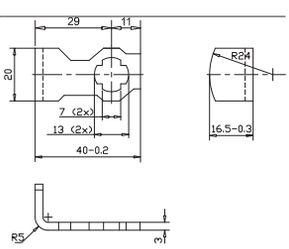
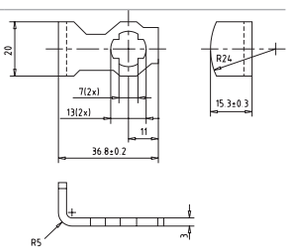
BMZ/GP/R/I for Renz I mailboxes



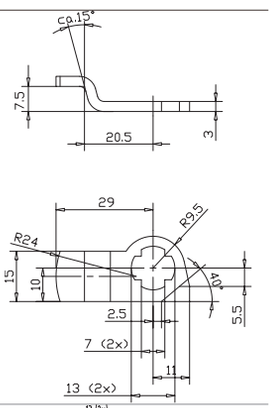
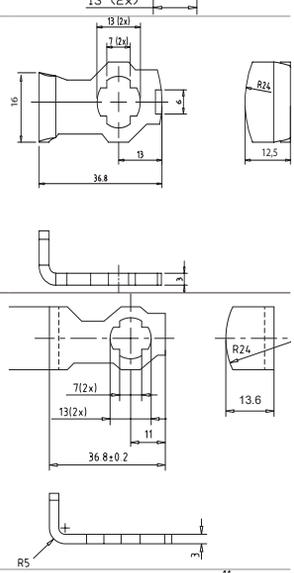
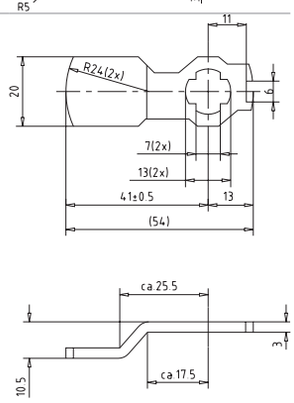
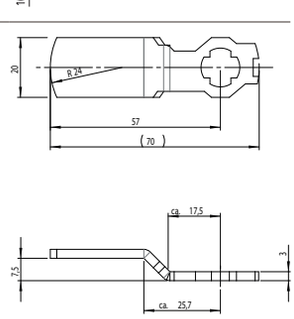


BMZ/GP/R/II for Renz II mailboxes

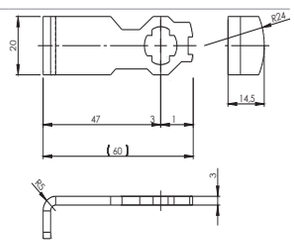
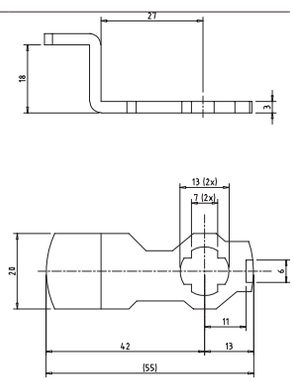
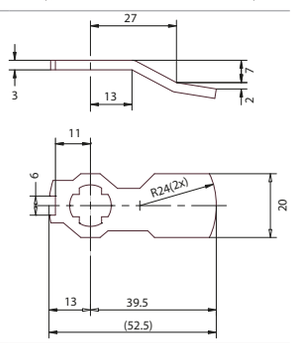
G.BMZ | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.027.701 Z210.197.701 Z210.028.710 Z210.027.712 Z210.210.701 Z210.027.714 Z210.027.702	57 mm 39 mm 43 mm 47.5 mm 53 mm 57,5 mm 72 mm	
Z210.027.711 Z210.027.705	47,5 mm 54 mm	
Z210.213.703	43 mm	
Z210.028.712 JUNI I		
Z210.028.707 RENZ I		

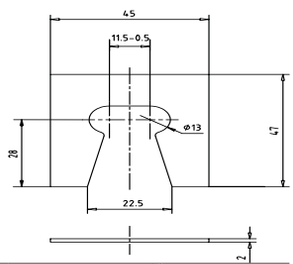
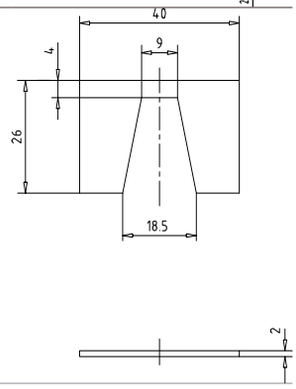
G.BMZ | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.028.708 RENZ II	39 mm	
Z210.028.717/1	36,8 mm	
Z210.201.754	36,8 mm	
Z210.213.701	54 mm	
Z210.027.703	70 mm	

G.BMZ | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.212.701	60 mm	
Z210.210.704	55 mm	
Z210.027.710	52,5 mm	

Installation Plates for BMZ

Description / Order code	Dim. Drawing
Z210.703-PL	
Z028.714-PL	

Camlocks

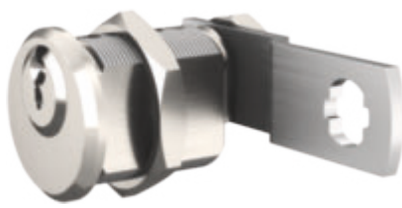
G.BMZ1 | Camlock Cylinder 1

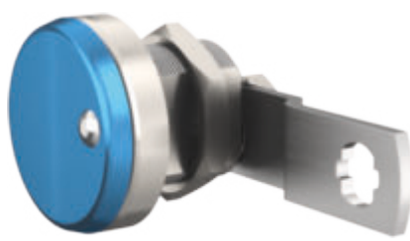
Application
For all enclosures with sheet metal doors, such as mailboxes, lockers, control cabinets, etc.
Easy installation with slip-in support plate and set screws which serve as cam stops

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Standard cam according to drawing 210.201.701 unless ordered otherwise

Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- One hex fastening nut
- One cam with adjusting nut
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- PXP/BMZ1/5/L/NI/Z210.201.701/RMO/SE/ ... cylinder options





With weather protection cap

Key switch cylinder SZ1 and SZ2

Key switch with bracket (AG004)

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Camlocks

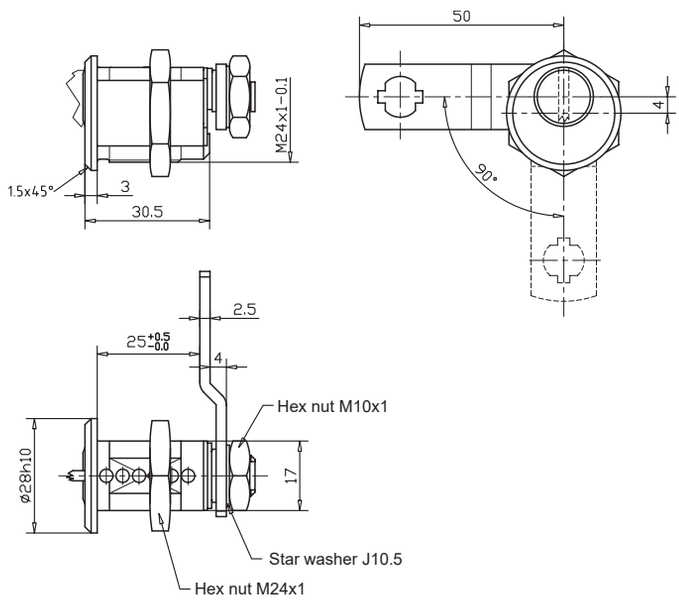
G.BMZ1 | Camlock Cylinder 1

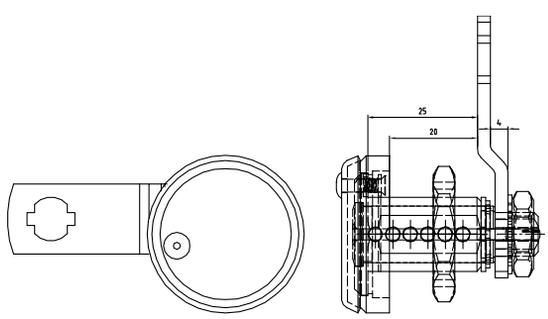
Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Locking direction
Right (R)
Left (L)

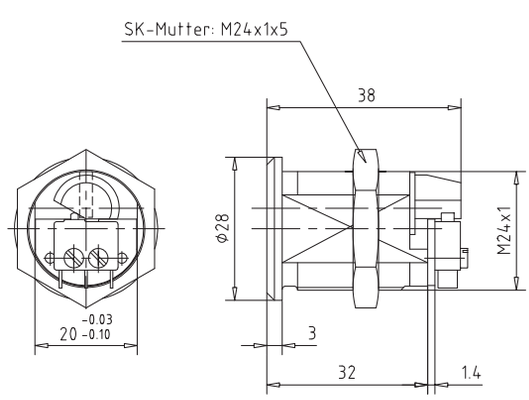
Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, polished (CRP)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed medium (BM)

Cams
Ohne Riegel (O_CAM)
Cam Z210.023.701 40 mm (Z210.023.701)
Cam Z210.023.702, cam, 37.5 mm long
Cam Z210.023.704 40 mm (Z210.023.704)
Cam Z210.023.705 34 mm (Z210.023.705)
Cam Z210.023.708 48 mm (Z210.023.708)
Cam Z210.200.705 50 mm (Z210.200.705)
Cam Z210.201.7A05, art. 1091GP/SO/EVN
Cam Z210.201.701 60.5 mm (Z210.201.701)
Cam Z210.201.702 39 mm (Z210.201.702)
Cam Z210.201.703 60.5 mm (Z210.201.703)
Cam Z210.201.713 Wertheim (Z210.201.713)
Cam Z210.201.714 59 mm (Z210.201.714)
Cam Z210.201.715 60 mm (Z210.201.715)
Cam Z210.201.716 35 mm (Z210.201.716)
Cam Z210.201.719 60 mm (Z210.201.719)
Cam Z210.201.726 43 mm (Z210.201.726)
Cam Z210.201.730 45 mm (Z210.201.730)
Cam Z210.201.738, cam, 58 mm long
Cam Z210.201.747 RENZ I (Z210.201.747)
Cam Z210.201.798, app. no. 206.A00.0297
Cam Z210.201.780 fire brigade (Z210.201.780)
Cam Z210.201.785 75 mm (Z210.201.785)
Cam Z210.201.788 41 mm (Z210.201.788)
Cam Z210.201.788/1 41 mm (Z210.201.788/1)
Cam Z210.201.743 JUNIE I (Z210.201.743)
Cam Z210.201.742 JUNIE II (Z210.201.742)
Cam Z210.201.748 RENZ II (Z210.201.748)





BMZ1 with dust cap



Key switch with one retraction (SZ1)

Camlocks

G.BMZ1 | Camlock Cylinder 1

Cam fastened
Cam mounted (RMO)
Cam unmounted (RLO)

Key removal
SZ1
SZ2

Locking element
Side element (SE)

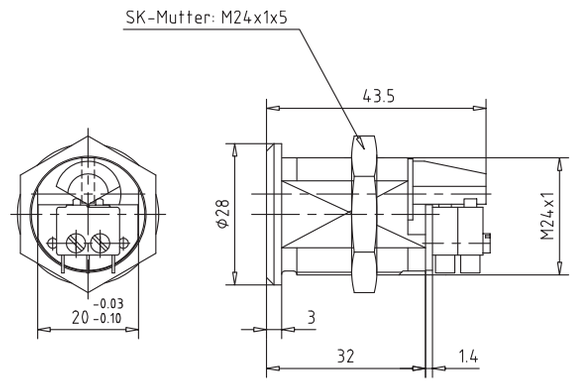
Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

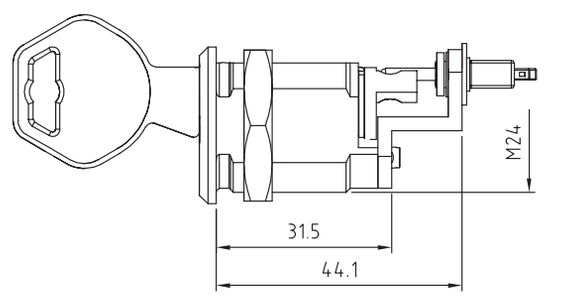
Seawater protection
Seawater resistant (SWF)

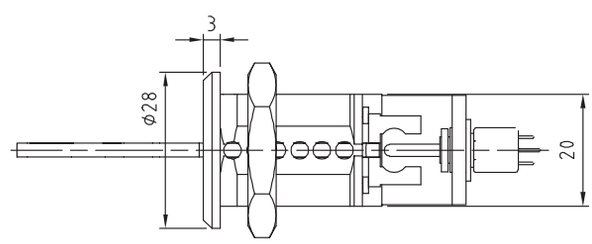
Weather protection
Protection cover (SKL)

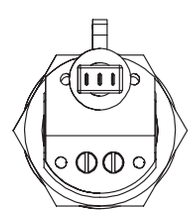
Installed
Standard
Mounted in key deposit tube KD
Mounted in HBFA (HBFA)



Key switch cylinder with two retractions (SZ2)



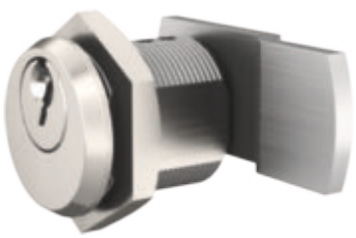




Key switch cylinder with switch bracket AG004

Camlocks

G.BMZ1_KP | Camlock Cylinder 1, Small Profile

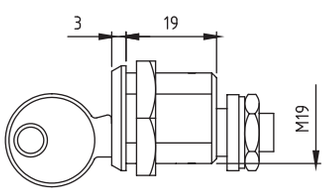


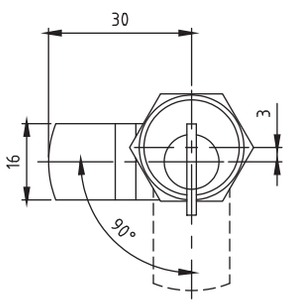
Application
For all enclosures with sheet metal doors, such as mailboxes, lockers, control cabinets, etc.
Easy installation with slip-in support plate and set screws which serve as cam stops

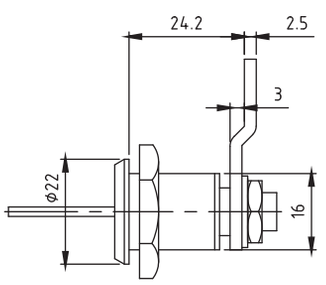
Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated

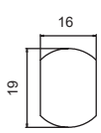
Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- One hex fastening nut
- One cam with adjusting nut
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
- SYST/BMZ1_KP/5/L/NI/Z210.023.701/RMO/ ... cylinder options









Cylinder options as follows:

Technical system
AP2000 (SYST)

Number of pins
4
Five pins (5)

Locking direction
Right (R)
Left (L)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)

Cams
Ohne Riegel (O_CAM)
Cam Z210.023.701 40 mm (Z210.023.701)
Cam Z210.023.702, cam, 37.5 mm long
Cam Z210.023.704 40 mm (Z210.023.704)
Cam Z210.023.705 34 mm (Z210.023.705)
Cam Z210.023.708 48 mm (Z210.023.708)
Cam Z210.200.705 50 mm (Z210.200.705)

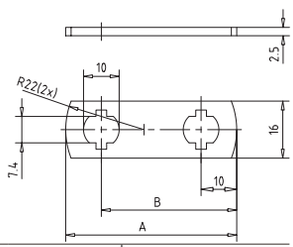
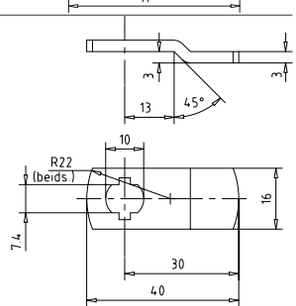
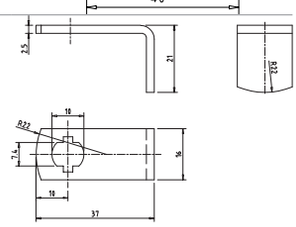
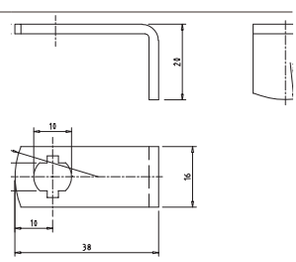
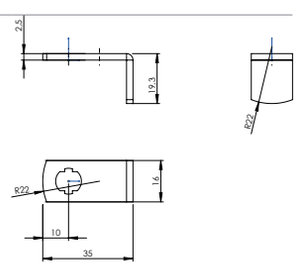
Camlocks

G.BMZ1_KP | Camlock Cylinder 1, Small Profile

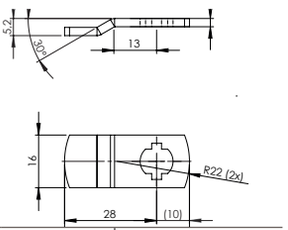
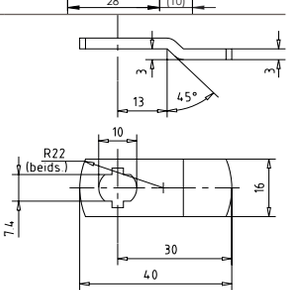
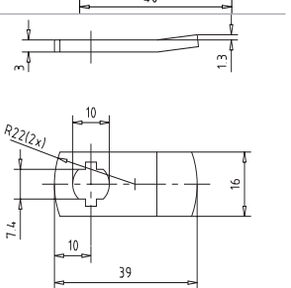
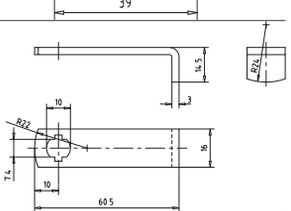
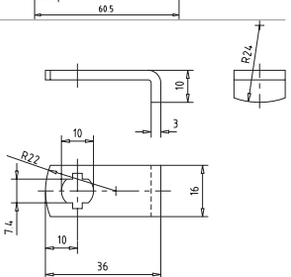
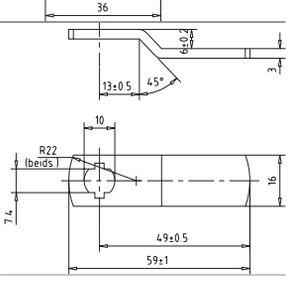
Cam Z210.201.701 60.5 mm (Z210.201.701)
Cam Z210.201.702 39 mm (Z210.201.702)
Cam Z210.201.703 60.5 mm (Z210.201.703)
Cam Z210.201.713 Wertheim (Z210.201.713)
Cam Z210.201.714 59 mm (Z210.201.714)
Cam Z210.201.715 60 mm (Z210.201.715)
Cam Z210.201.716 35 mm (Z210.201.716)
Cam Z210.201.719 60 mm (Z210.201.719)
Cam Z210.201.726 43 mm (Z210.201.726)
Cam Z210.201.730 45 mm (Z210.201.730)
Cam Z210.201.738, cam, 58 mm long
Cam Z210.201.747 RENZ I (Z210.201.747)
Cam Z210.201.780 fire brigade (Z210.201.780)
Cam Z210.201.785 75 mm (Z210.201.785)
Cam Z210.201.788 41 mm (Z210.201.788)
Cam Z210.201.788/1 41 mm (Z210.201.788/1)
Cam Z210.201.743 JUNIE I (Z210.201.743)
Cam Z210.201.742 JUNIE II (Z210.201.742)
Cam Z210.201.748 RENZ II (Z210.201.748)

Cam fastened
Cam mounted (RMO)
Cam unmounted (RLO)

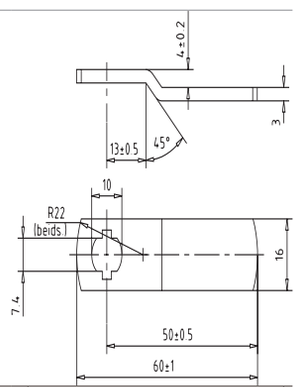
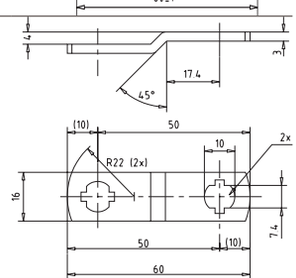
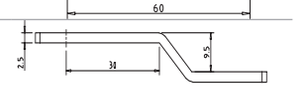
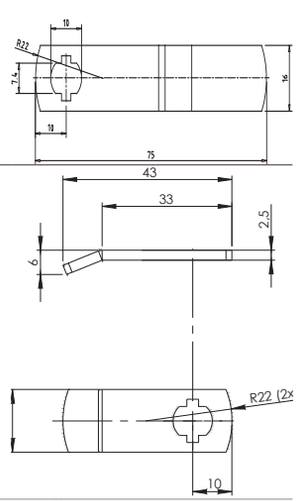
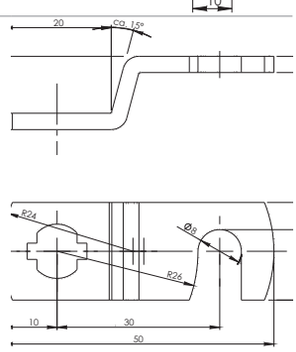
G.BMZ1 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.201.701 Z210.023.702 Z201.023.704 Z210.201.726 Z210.201.730 Z210.023.708 Z201.200.705	60,5 mm 37,5 mm 40 mm 43 mm 45 mm 48 mm 50 mm	
Z210.023.701	40 mm	
Z210.201.743 JU I	37 mm	
Z210.201.742 JU II	38 mm	
Z210.201.747 R I	35 mm	

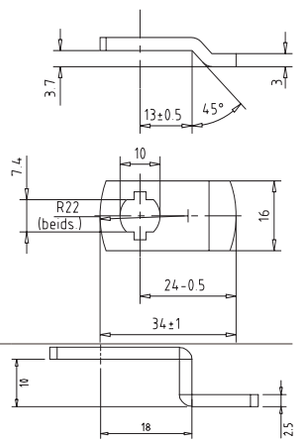
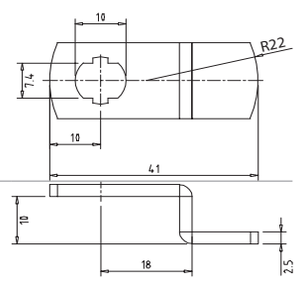
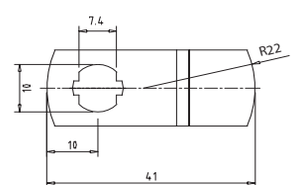
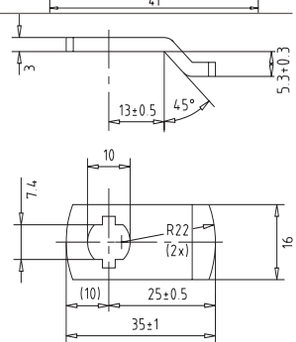
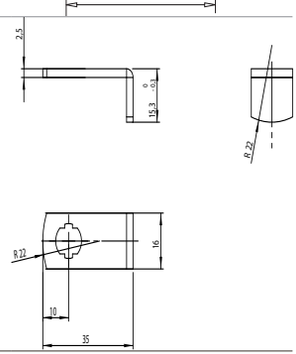
G.BMZ1 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.201.748 R II	38 mm	
Z210.023.701	40 mm	
Z210.201.702	39 mm	
Z210.201.703	60,5 mm	
Z210.201.713	36 mm	
Z210.201.714	59 mm	

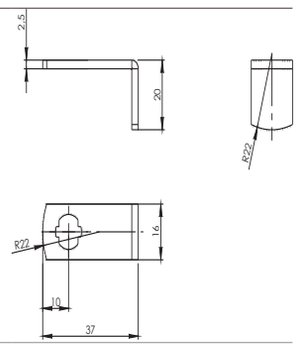
G.BMZ1 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.210.715	60 mm	
Z210.201.719	60 mm	
Z210.201.785	75 mm	
Z210.201.780	43 mm	
Z210.201.738	50 mm	

G.BMZ1 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.023.705	34 mm	
Z210.201.788	41 mm	
Z210.201.788/1	41 mm	
Z210.201.716	35 mm	
Z210.201.798	35 mm	

G.BMZ1 | Cams

Description / Order code	Dim. A	Dim. Drawing
Z210.201.7A05	37 mm	

Padlocks

G.VHZ.45 | Padlock 45

Application
Suitable for universal use inside and outside

Specification
- Housing made of solid brass, chrome-plated
- Barrel made of brass, nickel-plated
- Shackle made of hardened or stainless steel, not spring loaded
- Shackle diameter 8 mm
- Key is required to open and lock the padlock.
- Key made from nickel silver with cornered bow

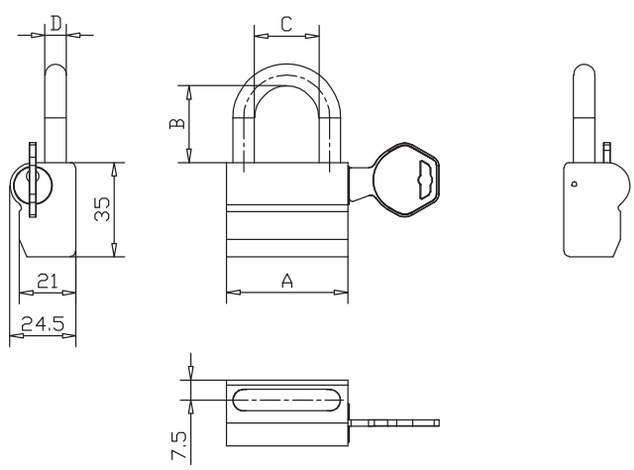
Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

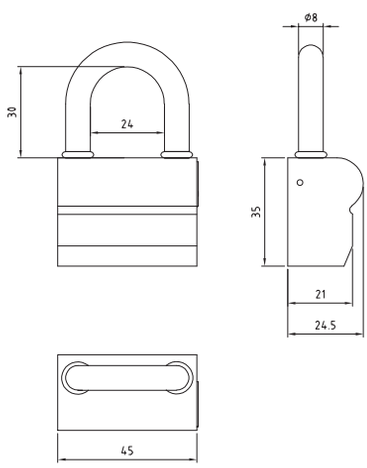
Order example
- PXP/VHZ/45/5/CR/30/HS/SE/ ... cylinder options

Options as follows:

Clear shackle height	Shackle width	Shackle type	Type cylinder
30 mm 70 mm	24 mm	Shackle hardened steel (HS)	Housing 45 mm wide (45)
30 mm 70 mm	24 mm	Stainless steel (RF)	Housing 45 mm wide (45)

Technical system
pextra (PX)
AP2000 (SYST)
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
ANS4000 (ANS4)
pextra3 (PX3)
AP2000 (AP2)
AP3000 (AP3)
AP4000 (AP4)
APN (APN)
pextra plus (PXP)
ESP (ESP)
AP2pro (AP2pro)





With O-rings as rain protection AG0005

Padlocks

G.VHZ.45 | Padlock 45

Type cylinder
Housing 45 mm wide (45)

System type
Standard
Pre-assembled (VOM)

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Chrome-plated (CR)

Length of shackle
30
70

Shackle type
Shackle hardened steel (HS)
Shackle stainless (RF)

Locking element
Side element (SE)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

Dust cover
Dust and splash protection side A (SSW-A)

Pin special
Anti-bumping pin (SG)

Application/Drawing
Rain protection (AG005)

Furniture Cylinders and Locks

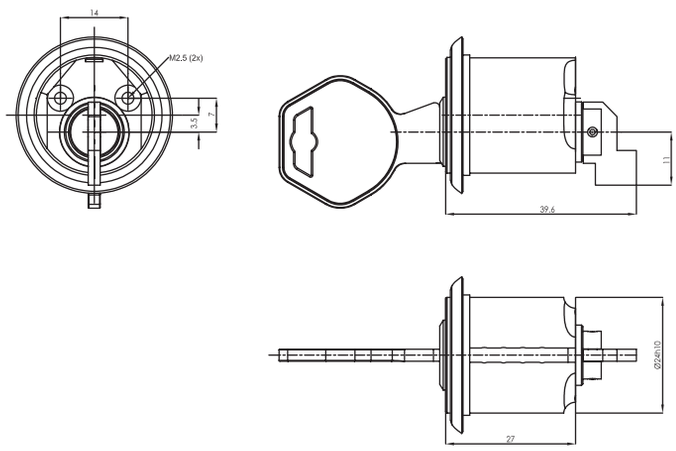
G.MZ.1080 | Furniture Cylinder 1080

Application
For furniture lock series 1345 and 2345. The cam operates the locking mechanism of the furniture lock.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- With cam

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/MZ/1080/5/26,5/NI/M1345/SE... cylinder options



5 pins

Cylinder options as follows:

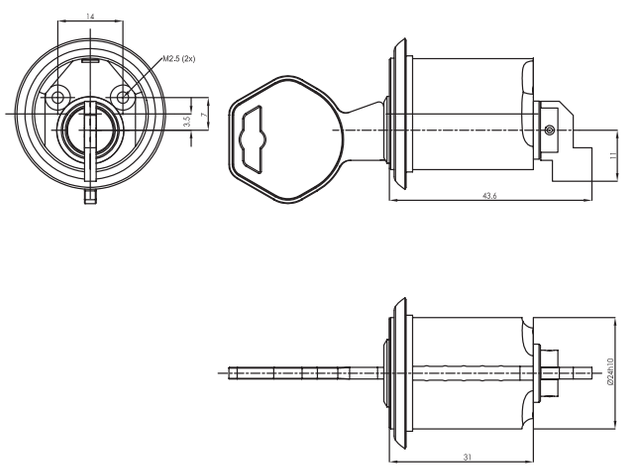
Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Type cylinder
1080 (1080)

Number of pins
Five pins (5)
Six pins (6)

Locking direction
Without closing direction

Length furniture cylinder
26,5
31,5



6 pins

Furniture Cylinders and Locks

G.MZ.1080 | Furniture Cylinder 1080

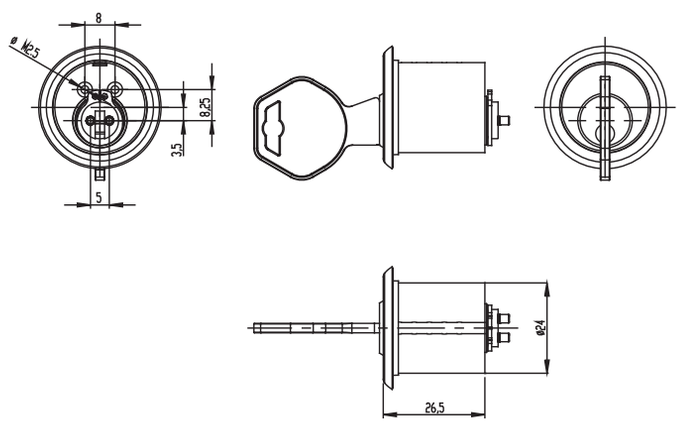
Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Cam
Cam 1345 210.000.705 (M1345)
Cam 2345 210.010.708 (M2345)

Locking element
Side element (SE)

Furniture Cylinders and Locks

G.MZ.1350 | Furniture Cylinder 1080 for 1350



Application
For furniture lock series 1350. The cam 1350 operates the locking mechanism of the furniture lock.
The closing direction can be selected.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- With cam

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/MZ/1350/5/R/27/MS/M1350/SE/... cylinder options

Cylinder options as follows:

Type cylinder	Closing directions	Locking direction
1080 for 1350	Undefined	
1350		S = drawer upward Right (R) Left (L)

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Type cylinder
1350 (1350)
1080 for 1350 (1080_1350)

System type
Standard
Not assembled (UNMONT)

Furniture Cylinders and Locks

G.MZ.1350 | Furniture Cylinder 1080 for 1350

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Locking direction
Without closing direction
Right (R)
Left (L)

Length furniture cylinder
27,0
31,5
36,5
41,5
46,5

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)
Bronzed medium (BM)

Cam
Cam 1350 with two pins (M1350)

Locking element
Side element (SE)

Furniture Cylinders and Locks

G.MZ.2345 | Furniture Cylinder 1080 for 2345

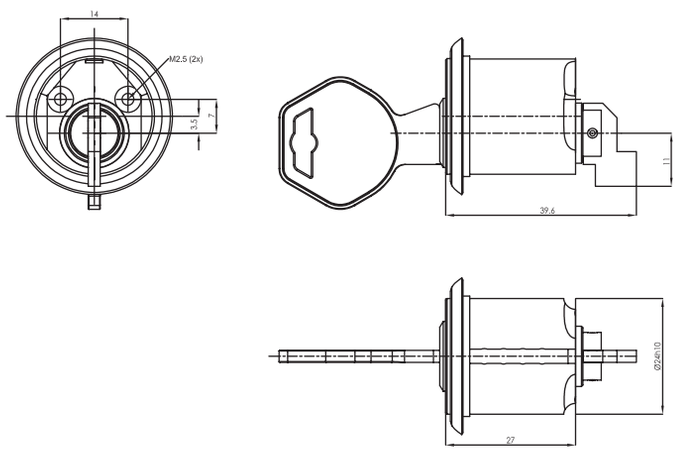
Application
For furniture lock series 2345. The cam 2345 operates the locking mechanism of the furniture lock.
The closing direction can be selected.

Specification
- Housing supplied in solid natural brass or nickel-plated
- Serrated key made of nickel silver
- With cam

Cylinder for espagnolette lock series 2345

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Cam
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

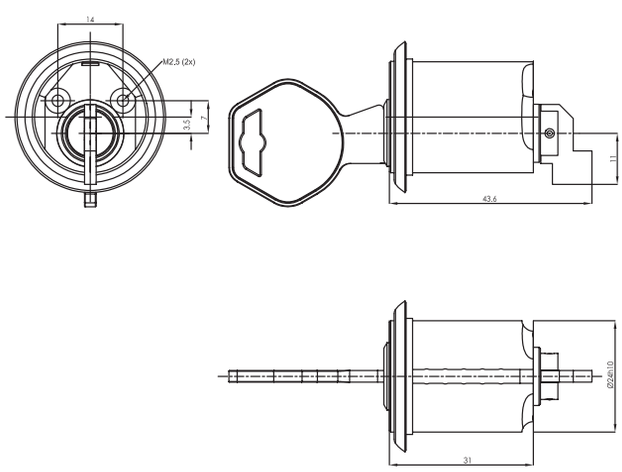
Order example
PXP/MZ/2345/5/R/26,5/NI/M2345/SE/ ... cylinder options



Cylinder with 5 pins for series 2345

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)



Cylinder with 6 pins for series 2345

Type cylinder
2345 (2345)

Number of pins
Five pins (5)
Six pins (6)

Locking direction
Right (R)
Left (L)

Furniture Cylinders and Locks

G.MZ.2345 | Furniture Cylinder 1080 for 2345

Length furniture cylinder
26,5
31,5

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Cam
Cam 2345 210.010.708 (M2345)

Locking element
Side element (SE)

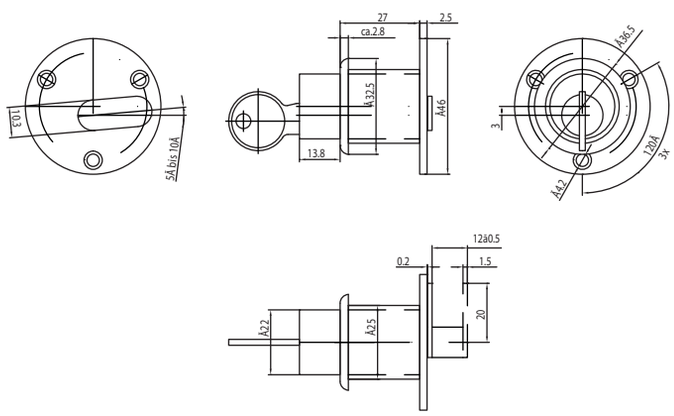
Furniture Cylinders and Locks

G.MZ.1095 | Furniture Cylinder Lock, for Sliding Doors

Application
Push lock for sliding doors in office furniture. Push to lock, unlock with key turn.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Rosette
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
PXP/MZ/1095_1/D24/6/NI/SE/... cylinder options

Cylinder options as follows:

Type cylinder	Number of pins	Type diameter
1095	Five pins (5)	22 (D22)
1095.1	Five pins (5) Six pins (6) Seven pins (7)	Diameter 24 mm (D24)
1095.1.Glass	Five pins (5) Six pins (6) Seven pins (7)	Diameter 24 mm (D24)

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)
AP4000 (AP4)

Type cylinder
1095 (1095)
1095.1 (1095_1)
1095.1.Glass (1095_1_GLAS)

Furniture Cylinders and Locks

G.MZ.1095 | Furniture Cylinder Lock, for Sliding Doors

Type diameter
22 (D22)
Diameter 24 mm (D24)

Surface cylinder
Nickel-plated (NI)

Locking element
Side element (SE)

Locking function A
Self-changable cylinder (SUZ)

Furniture Cylinders and Locks

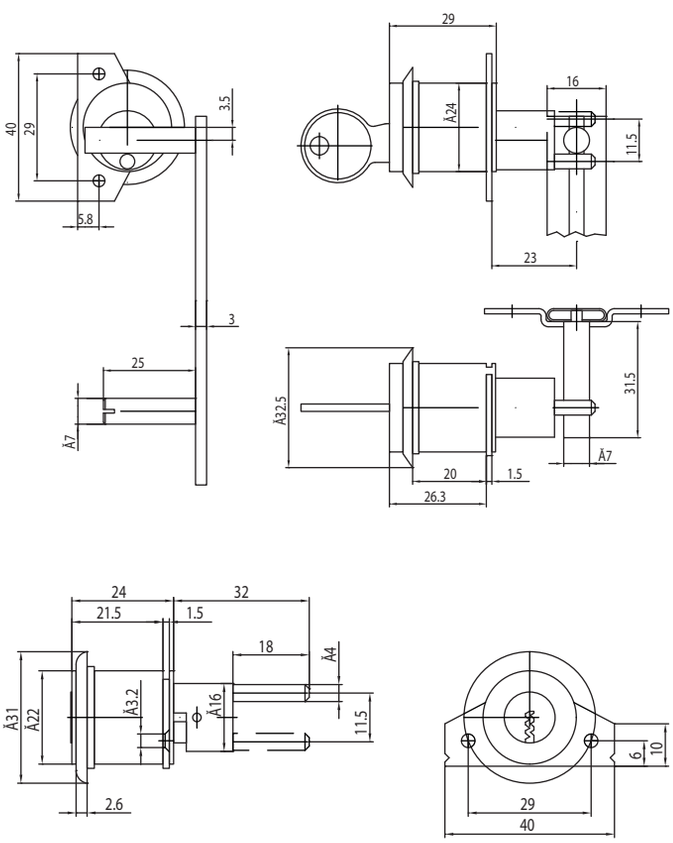
G.MZ.1335 | Furniture Cylinder Lock 1335

Application
Locks all drawers on one side of an office desk from the front.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Cylinder diameter 24 mm

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Rosette
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/MZ/1335/D24/6/NI/SE/... cylinder options



Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)
AP4000 (AP4)

Type cylinder
1335 (1335)

Type diameter
Diameter 24 mm (D24)

Number of pins
Five pins (5)
Six pins (6)

Furniture Cylinders and Locks

G.MZ.1335 | Furniture Cylinder Lock 1335

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Locking element
Side element (SE)

Locking function A
Self-changable cylinder (SUZ)

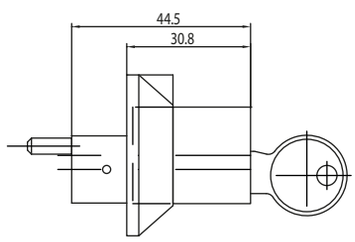
Furniture Cylinders and Locks

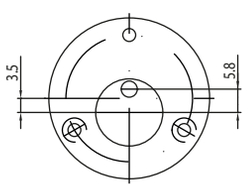
G.MZ.1336 | Furniture Cylinder Lock 1336

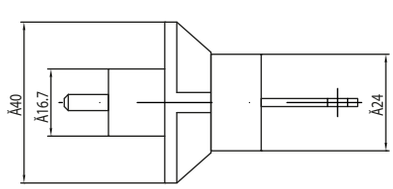
Application
Locks all drawers on one side of an office desk from the front.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Cylinder diameter 24 mm

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Rosette
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions







Order example
PXP/MZ/1336/D24/6/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)
AP4000 (AP4)

Type cylinder
1336 (1336)

Type diameter
Diameter 24 mm (D24)

Number of pins
Five pins (5)
Six pins (6)

Furniture Cylinders and Locks

G.MZ.1336 | Furniture Cylinder Lock 1336

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)

Locking element
Side element (SE)

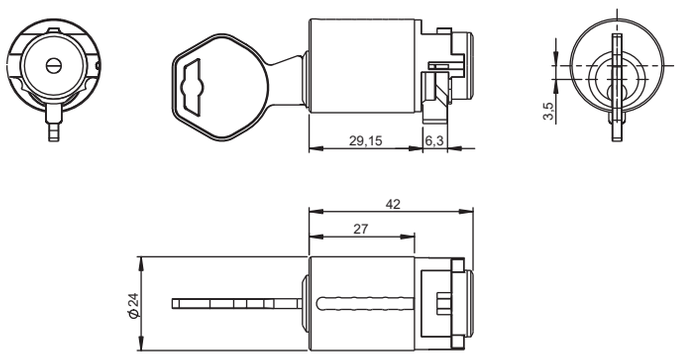
Locking function A
Self-changable cylinder (SUZ)

Furniture Cylinders and Locks

G.MZ.ASS | Furniture Cylinder ASS

Application
For furniture locks of the ASS series. The cam operates the locking mechanism of the furniture lock.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Cylinder diameter 24 mm



Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
SYST/MZ/ASS/5/26,5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Type cylinder
ASS MZ (ASS)

Number of pins
Five pins (5)
Six pins (6)

Length furniture cylinder
26,5
31,5
36,5
41,5
46,5
51,5

Furniture Cylinders and Locks

G.MZ.ASS | Furniture Cylinder ASS

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome, satin (CRM)
Brass, polished (MP)

Locking element
Side element (SE)

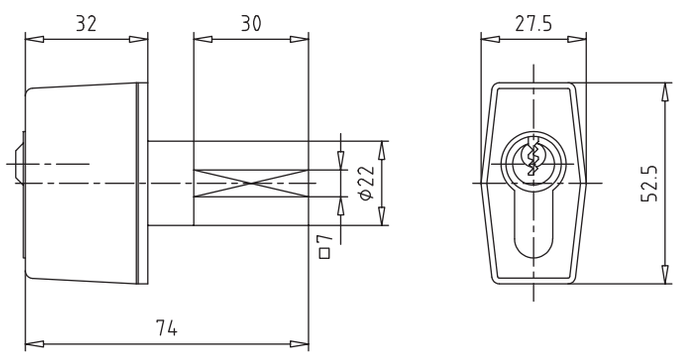
Furniture Cylinders and Locks

G.MZ.440_Z | Furniture Olive 440.Z, with Single Euro Profile Cylinder

Application
For furniture locks of the ASS series

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Single cylinder in Euro profile
- Spindle 7 mm

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
SYST/MZ/440_Z/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Type cylinder
440.Z. (440_Z)

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Nickel-plated (NI)

Locking element
Side element (SE)

Furniture Cylinders and Locks

G.MZ.440_Z | Furniture Olive 440.Z, with Single Euro Profile Cylinder

Locking function A
Self-changable cylinder (SUZ)

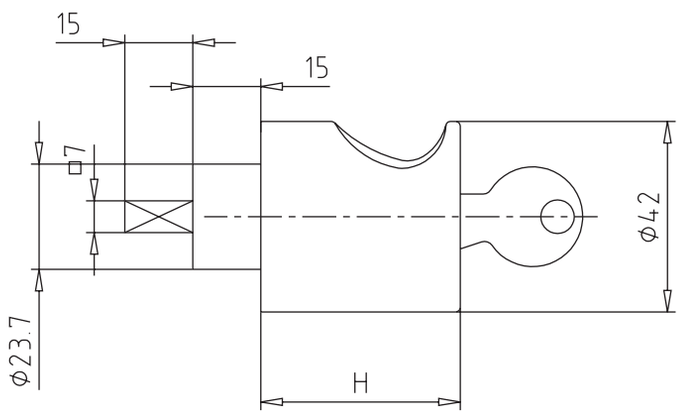
Furniture Cylinders and Locks

G.MZ.3561_24102 | Furniture Olive 3561

Application
Can be used for ASS latch locks and ASS espagnolette locks with locking function

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Spindle 7 mm

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
SYST/MZ/3561_24102/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Type cylinder
3561.24102 (3561_24102)

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Nickel-plated (NI)

Locking element
Side element (SE)

Furniture Cylinders and Locks

G.MZ_KP.1050/1070 | Furniture Cylinder 1050 or 1070, Small Profile

Application
For furniture lock series 1345, 1350 and 2345. The cam operates the locking mechanism of the furniture lock.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- With cam
- Small profile (KP)

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

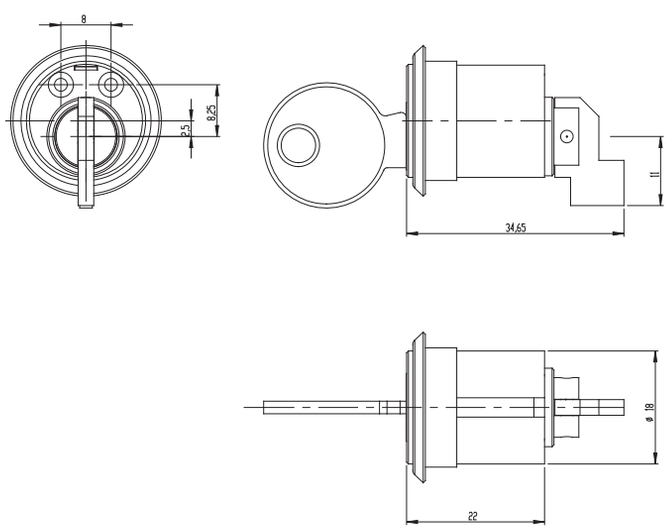
Order example
SYST/MZ_KP/1050/D18/4/17/NI/M1345 ... Cylinder options

Type 1050 KP

Type 1070 KP

Cylinder options as follows:

Type diameter	Installed length	Type cylinder
18	17, 22, 23, 27, 32, 37 and 42 mm	1050
22 (D22)	22, 23, 27, 32, 37, 42 and 47 mm	1070



Type 1050

Technical system
AP2000 (SYST)

Type cylinder
1050
1070

Type diameter
18
22 (D22)

Number of pins
4
Five pins (5)

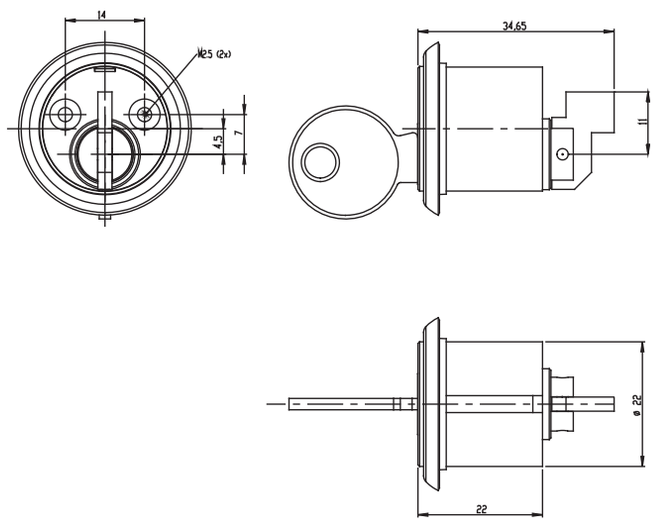
Locking direction
Without closing direction

Furniture Cylinders and Locks

G.MZ_KP.1050/1070 | Furniture Cylinder 1050 or 1070, Small Profile

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Cam
Cam 1345 210.000.705 (M1345)
Cam 2345 210.010.708 (M2345)
Cam 1350 with two pins (M1350)



Type 1070

Furniture Cylinders and Locks

G.MZ_KP.1350 | Furniture Cylinder 1050/1070 for 1350, Small Profile

Application
For furniture lock series 1350. The cam 1350 operates the locking mechanism of the furniture lock.
The closing direction can be selected.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- With cam
- Small profile (KP)

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
SYST/MZ_KP/1350/D18/5/R/27/NI/M1350 ... cylinder options

Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
1350 (1350)

Type diameter
18
22 (D22)

Number of pins
4
Five pins (5)

Locking direction
Right (R)
Left (L)

Length furniture cylinder
23,0
27,0
32,0
37,0
42,0

Furniture Cylinders and Locks

G.MZ_KP.1350 | Furniture Cylinder 1050/1070 for 1350, Small Profile

47,0
52,0
57,0
62,0
67,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

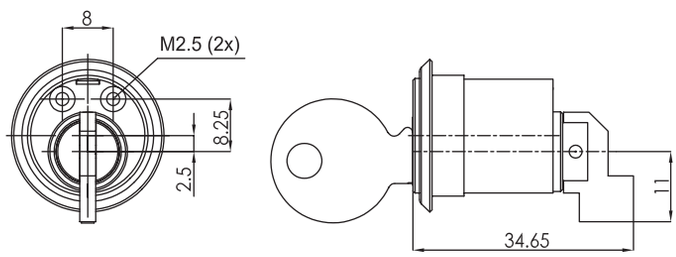
Cam
Cam 1350 with two pins (M1350)

Furniture Cylinders and Locks

G.MZ_KP.2345 | Furniture Cylinder 1050/1070 for 2345, Small Profile

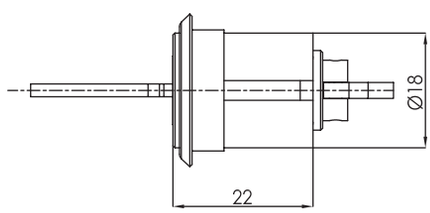
Application
For furniture lock series 2345. The cam 2345 operates the locking mechanism of the furniture lock.
The closing direction can be selected.

Specification
- Housing made of brass, nickel-plated
- Serrated key made of nickel silver
- With cam
- Small profile (KP)



Included with the cylinder
- Two keys with corner bow
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
SYST/MZ_KP/2345/D18/5/R/27/NI/M2345 ... cylinder options



Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
2345 (2345)

Type diameter
18
22 (D22)

Number of pins
4
Five pins (5)

Locking direction
Right (R)
Left (L)

Length furniture cylinder
22,0
27,0
32,0
37,0
42,0
47,0

Furniture Cylinders and Locks

G.MZ_KP.2345 | Furniture Cylinder 1050/1070 for 2345, Small Profile

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Cam
Cam 2345 210.010.708 (M2345)

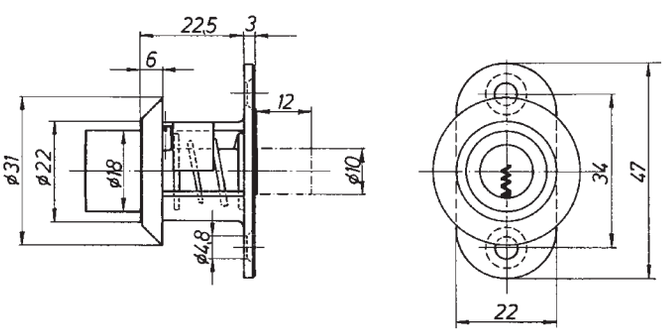
Furniture Cylinders and Locks

G.MZ_KP.1095 | Furniture Cylinder Lock, for Sliding Doors, Small Profile

Application
Push lock for sliding doors in office furniture. Push to lock, unlock with key turn.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Small profile (KP)

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Rosette
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
SYST/MZ_KP/1095/D18/4/NI ... cylinder options

Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
1095 (1095)

Type diameter
18

Number of pins
4

Locking direction
Without closing direction

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)

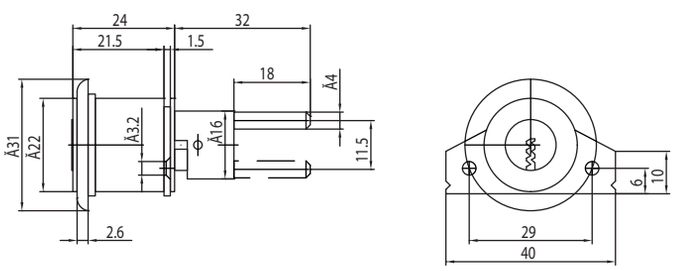
Furniture Cylinders and Locks

G.MZ_KP.1335 | Furniture Cylinder Lock, for Desks, Small Profile

Application
Locks all drawers on one side of an office desk from the front.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Small profile (KP)

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Rosette
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Installed length
24 mm

Order example
SYST/MZ_KP/1335/D22/4/NI/... cylinder options

Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
1335 (1335)

Type diameter
22 (D22)

Number of pins
4

Locking direction
Without closing direction

Surface cylinder
Nickel-plated (NI)

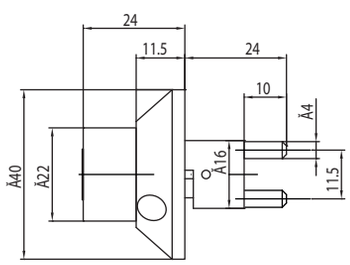
Furniture Cylinders and Locks

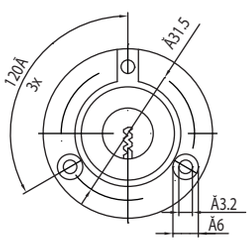
G.MZ_KP.1336 | Furniture Cylinder Lock, for Desks, Small Profile

Application
Locks all drawers on one side of an office desk from the front.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Small profile (KP)

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Rosette
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions





Installed length
24 mm

Order example
SYST/MZ_KP/1336/D22/4/NI/... cylinder options

Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
1336 (1336)

Type diameter
22 (D22)

Number of pins
4
Five pins (5)

Locking direction
Without closing direction

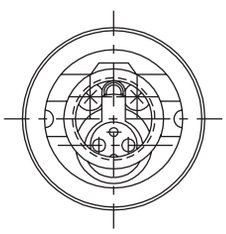
Surface cylinder
Nickel-plated (NI)

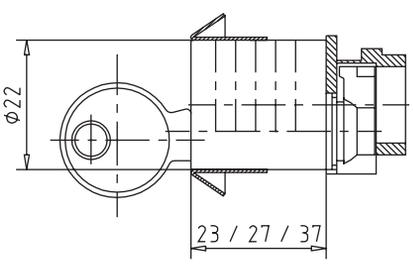
Furniture Cylinders and Locks

G.MZ_KP.ASS | Furniture Cylinder ASS, Small Profile

Application
For furniture locks series ASS. The cam operates the locking mechanism of the furniture lock.

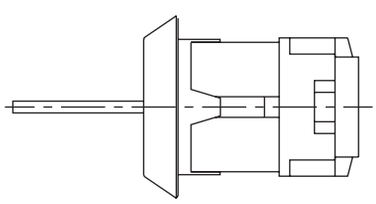
Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Cylinder diameter 22 mm
- Small profile (KP)





Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
SYST/MZ_KP/ASS/D22/5/27/NI/ ... cylinder options



Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
ASS MZ (ASS)

Type diameter
22 (D22)

Number of pins
4
Five pins (5)

Locking direction
Without closing direction

Furniture Cylinders and Locks

G.MZ_KP.ASS | Furniture Cylinder ASS, Small Profile

Length furniture cylinder
23,0
27,0
32,0
37,0
42,0
47,0
52,0
57,0
62,0
67,0

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Furniture Cylinders and Locks

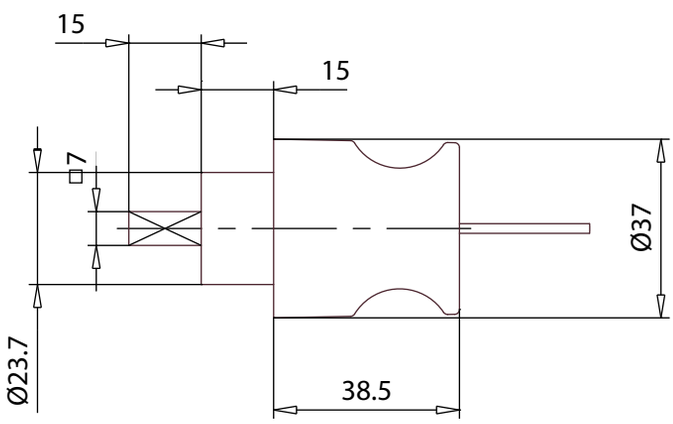
G.MZ_KP.3541_24102 | Furniture Olive 3541, Small Profile

Application
Can be used for ASS latch locks and ASS espagnolette locks with locking function

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Spindle 7 mm

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
SYST/MZ_KP/3541_24102/4/NI/... cylinder options



Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
3541.24102 (3541_24102)

Number of pins
4

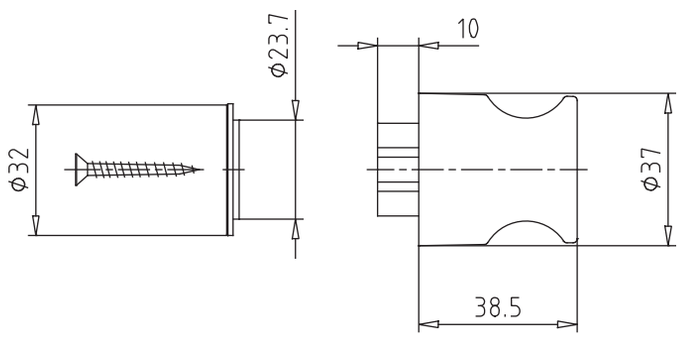
Surface cylinder
Nickel-plated (NI)

Furniture Cylinders and Locks

ASS/3515/24002 | Olives, without Locking Function

Application
Can be used for ASS latch locks and ASS espagnolette locks. Olives are rigid and have no locking function.

Specification
- Diameter 37 mm with two grip recesses
- Olive made from nickel-plated metal
- Centring insert dia. 24 mm
- Suitable for material thicknesses from 16 to 28 mm



Included with the cylinder
- Olive (with installation screw for ASS.3515)

Order example
ASS/3515/24002

Furniture Cylinders and Locks

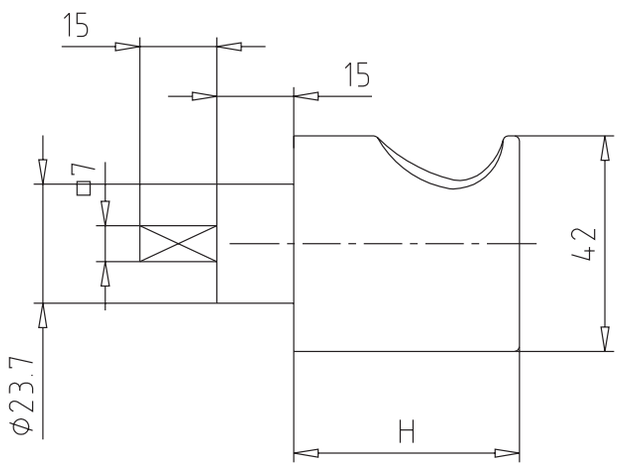
ASS/35xx/24002 | Olive, without Locking Function

Application
Can be used for ASS latch locks and ASS espagnolette locks. Olives can be turned but have keying.

Specification
- Olive made from nickel-plated metal
- Centring insert dia. 24 mm
- Suitable for material thicknesses from 16 to 28 mm
- Bore dia. 24 mm

Installed length
38.5 mm

Order example
ASS/3513/24002 – diameter 36 mm with two recesses
ASS/3567/24002 – diameter 42 mm with one recess looking downward



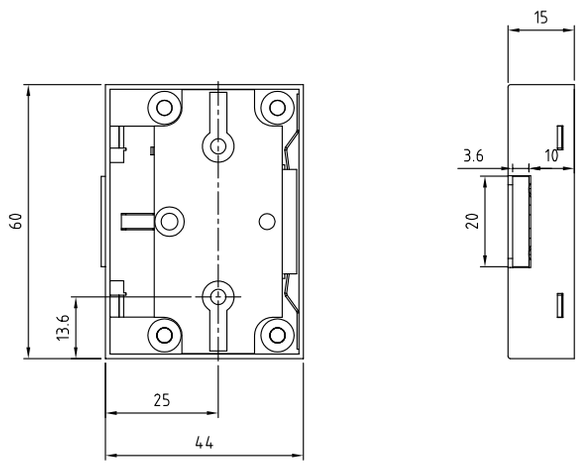
Type ASS.3567.24002

Furniture Cylinders and Locks

MES/545/NI/EU | Espagnolette lock 545

Application
For closet doors, locks with deadlock bolt and drive rods

Specification
- Lock case made of nickel-plated sheet metal
- Backset 25 mm
- Left and right side convertible
- Installation with four screws (not included) from the inside
- Euro keying
- Dimensions: 60 × 44 × 15 mm



Included with the cylinder
- Installation and maintenance instructions

Order example
MES/545/NI/EU

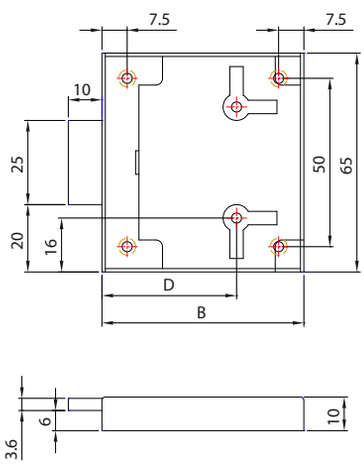
Accessories
MSL/EU/X/NI – key nickel-plated
MSL/EU/X/BM – key medium brown
MSL/EU/X/VM – key brass coloured
MSL/EU/X/S – key black

Furniture Cylinders and Locks

MAS/470/EU | Furniture lock 470

Application
General use on all types of furniture, easy to mount in all directions with four screws (not included in delivery)

Specification
- Lock case made of nickel-plated sheet metal
- Euro keying
- Dimensions: 65 × W × 10 mm



Included with the cylinder
- Installation and maintenance instructions

Order example
MAS/470/EU/20/NI – backset 25 mm, width 40 mm
MAS/470/EU/25/NI – backset 25 mm, width 45 mm
MAS/470/EU/30/NI – backset 30 mm, width 50 mm
MAS/470/EU/35/NI – backset 35 mm, width 35 mm
MAS/470/EU/40/NI – backset 40 mm, width 60 mm

Accessories
MSL/EU/X/NI – key nickel-plated
MSL/EU/X/BM – key medium brown
MSL/EU/X/VM – key brass coloured
MSL/EU/X/S – key black

Technical system
No system (K00)

Backset (mm)
20
25
30
35
40

Furniture Cylinders and Locks

FENSTERGRIFF.3495 | Window Handle 3495, for Euro Profile Single Cylinder

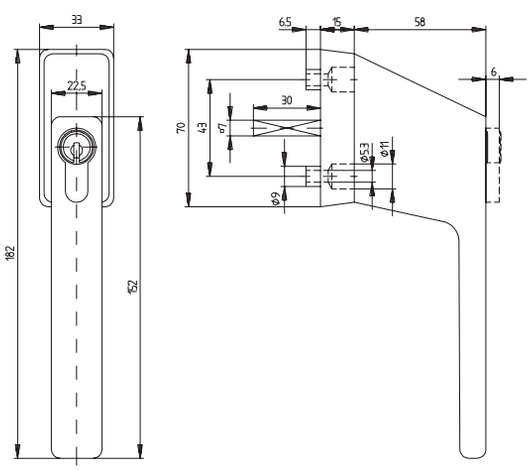
Application
Universal use for windows and patio/balcony doors. The handle is locked by pushing the cylinder into the handle. The handle is unlocked by turning the key.

Specification
- Aluminium anodised
- Arranged for a standard single cylinder 30 mm (not included, see chapter 'Mortise lock cylinders')
- Cam setting 0°
- Can be integrated into master key systems
- Spindle 7 mm square

Included with the cylinder
- One cylinder fastening screw M5

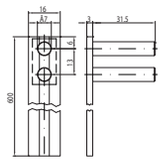
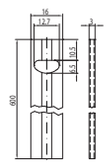
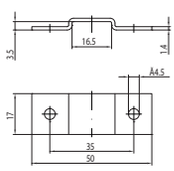
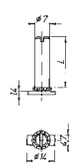
Installed length
182 mm

Order example
FENSTERGRIFF/3495 - F2 - aluminium, anodised
FENSTERGRIFF/3495 - F3 - aluminium brass, anodised
FENSTERGRIFF/3495 - F4 - aluminium bronze, anodised



Furniture Cylinders and Locks

Accessories for Serrated Key Office Furniture Locks, Type MZU

Bestellcode	Beschreibung	Bild	Maßzeichnung
MZU/735/BO/600 2011664602	Locking rod for MZ/1335 with two pins 600 mm long White, galvanised		
MZU.736L.600 2011042021	Locking rod for MZ.1336 with two holes 600 mm long White, galvanised		
	Brackets for drive rods		
MZU/735STF 201664603	Holding bracket for drive rods 1335 cropped		
MZU.736.SCH 2011042048	Holding bracket for 1336 cropped		
	Locking pin with screw and lock washer		
MZU/735/SPS/8 2011664604	Locking pin with screw and lock washer		
MZU/735/SPS/12 2011664605	Locking pin with screw and lock washer		
MZU/735/SPS/25 2011664606	Locking pin with screw and lock washer		
	Rosettes for furniture cylinders		
2011281824	Rosette, round for furniture cylinders ID 18 mm/OD 24 mm		
G/ROSETTE/ MZ/18/24/MS 2011281867	Rosette, round for furniture cylinders ID 18 mm/OD 24 mm		
G/ROSETTE/ MZ/18/24/MP 2011281891	Rosette, round for furniture cylinders ID 18 mm/OD 24 mm		
G/ROSETTE/ MZ/22/30/NI 2011281832	Rosette, round for furniture cylinders ID 22 mm/OD 30 mm		
G/ROSETTE/ MZ/22/30/MS 2011281875	Rosette, round for furniture cylinders ID 22 mm/OD 30 mm		

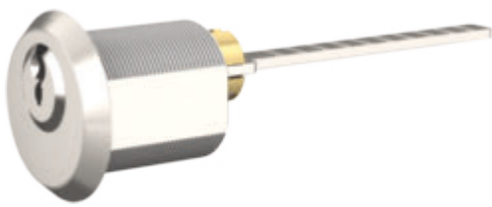
Furniture Cylinders and Locks

Accessories for Serrated Key Office Furniture Locks, Type MZU

Bestellcode	Beschreibung	Bild	Maßzeichnung
G/ROSETTE/ MZ/24/32/NI 2011281840	Rosette, round for furniture cylinders ID 24 mm/OD 32 mm		
G/ROSETTE/ MZ/24/32/MS 2011281883	Rosette, round for furniture cylinders ID 24 mm/OD 32 mm		
G/ROSETTE/ MZ/24/32/MP 2011281913	Rosette, round for furniture cylinders ID 24 mm/OD 32 mm		

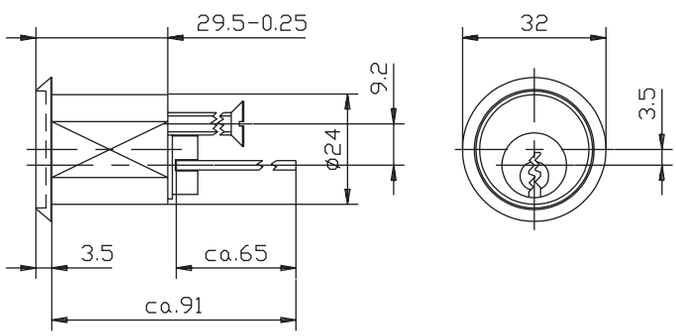
Outside Rim Cylinders

G.AZ.D24 | Outside Rim Cylinder, Diameter 24 mm

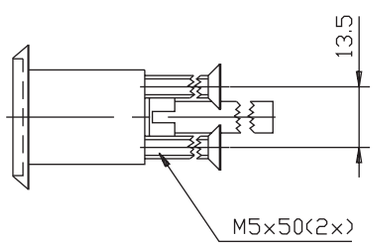


Application
For surface-mounted locks of the 1200 series.
The tailpiece operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- For door thicknesses 28 to 83 mm
- Tailpiece 65 mm long, can be shortened on-site
- Serrated key made of nickel silver or nickel-plated



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Two fastening screws M5 × 40 mm
- Rosette round
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
PXP/AZ/D24/5/MP/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Type diameter
Diameter 24 mm (D24)

Outside Rim Cylinders

G.AZ.D24 | Outside Rim Cylinder, Diameter 24 mm

System type
Standard
Not assembled (UNMONT)
Pre-assembled (VOM)

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Certificate/Standard side A
SAS (SAS)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
No, four security pins and S-pinning
Economy, no security pins (E)

Locking function A
Self-changable cylinder one-time (SUZ1)

Seawater protection
Seawater resistant (SWF)

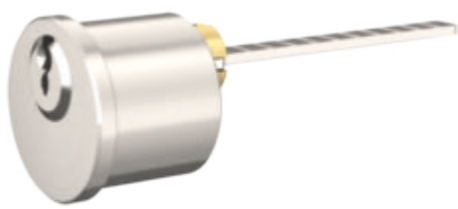
Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

Rosette
Without rosette (O_RO)
Rosette round AZ (RRAZ)

Cylinder fastening screw
Screw M5 × 40 mm (BS_M5x40)
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 70 mm (BS_M5x70)

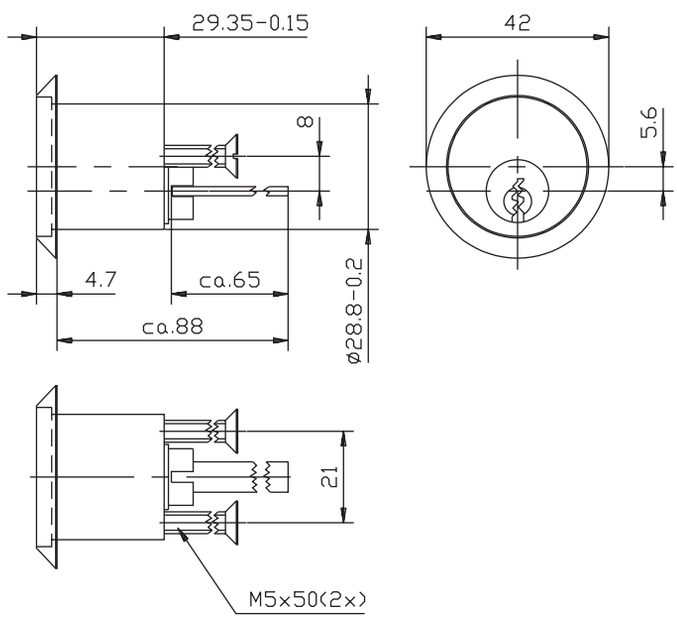
Outside Rim Cylinders

G.AZ.D29 | Outside Rim Cylinder, Diameter 29 mm



Application
For surface-mounted door locks 1210 series.
The tailpiece operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- For door thicknesses 28 to 83 mm
- Tailpiece 65 mm long, can be shortened on-site
- Serrated key made of nickel silver or nickel-plated



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Two fastening screws M5 × 40 mm
- Rosette round
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/AZ/D29/5/MP/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Type diameter
Diameter 24 mm (D24)
Diameter 29 mm (D29)

Outside Rim Cylinders

G.AZ.D29 | Outside Rim Cylinder, Diameter 29 mm

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Threaded hole
Drilling standard
Version UK (midside)

Certificate/Standard side A
SAS (SAS)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
No, four security pins and S-pinning
Economy, no security pins (E)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)

Seawater protection
Seawater resistant (SWF)

Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

Rosette
Without rosette (O_RO)
Rosette round AZ (RRAZ)
Rosette square AZ (ERAZ)

Cylinder fastening screw
Screw M5 × 40 mm (BS_M5x40)
Screw M5 × 50 mm (BS_M5x50)
Screw M5 × 70 mm (BS_M5x70)

Outside Rim Cylinders

Accessories for Outside Rim Cylinders for Surface-Mounted Locks

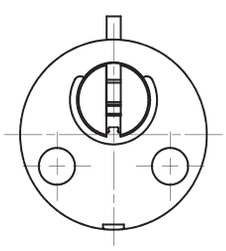
Bestellcode	Beschreibung	Bild	Maßzeichnung
K/ROSETTE/1007/NI 2011728988	Rosette, drawing no. 1007-11 Suitable for outer cylinders of types 1007 and 89-4-007 **Material:** brass, available in all standard cylinder surface finishes Please specify surface finish at the end of the order code. Order example: ROSETTE.1007.NI = Rosette.1007. nickel-plated		
K/ROSETTE/1007/MS 2011728989	**Surface finish:** brass		
K/ROSETTE/1007/CR 2011728991	Chrome-plated		
K/ROSETTE/1007/MP 2011728990	Brass polished		
K/ROSETTE/1007/BD 2030005486	Dark brown		
ZUST.18.R.29.NI 2011059560	Diameter: 29 mm		
ZUST/18/R/29/MP 2011062545	Diameter: 29 mm		
ZUST/18/E/NI 2011008494	Nickel-plated		
ZUST/18/E/VM 2011044148	Brass		
ZUST/18/E/PAT 2011044415	Patinated		

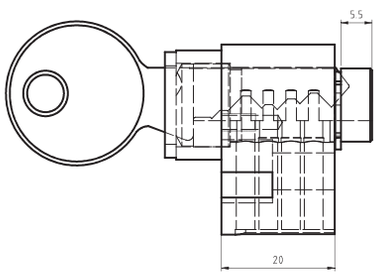
Outside Rim Cylinders

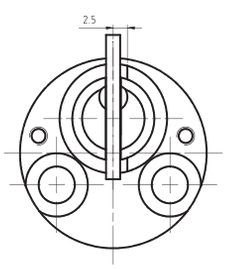
G.AZ.AG012 | Outside Rim Cylinder AG012, Lekov

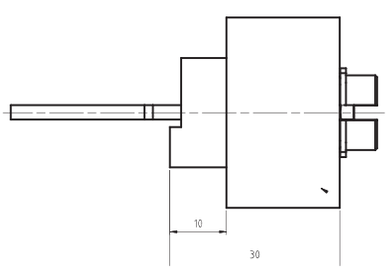
Application
Outside cylinder is compatible with CISA surface-mounted locks.
The tailpiece operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver









Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
SYST/AZ/AG012/D33/5/NI/... cylinder options

Cylinder options as follows:

Technical system
AP2000 (SYST)

Type cylinder
AG012 Lekov (AG012)

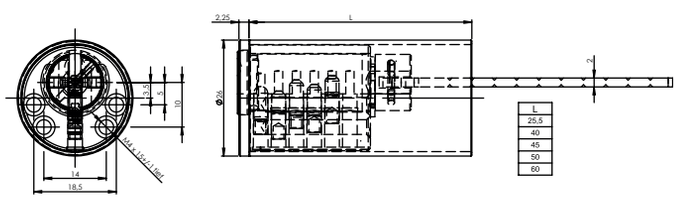
Type diameter
Diameter 33 mm (D33)

Number of pins
Five pins (5)

Surface cylinder
Nickel-plated (NI)

Outside Rim Cylinders

G.AZ.AG036 | Outside Rim Cylinder AG036, CISA



Application
Outside rim cylinder for CISA ESPE surface-mounted locks (Cisa ZG111205)
The tailpiece operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Tailpiece 65 mm, can be shortened on-site
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Tailpiece
- Spacer sleeve
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/AZ/AG036/D24/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Type cylinder
AG036 CISA ZG111205 (AG036)

Outside Rim Cylinders

G.AZ.AG036 | Outside Rim Cylinder AG036, CISA

Type diameter
Diameter 24 mm (D24)

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Nickel-plated (NI)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed (BD)
Bronzed medium (BM)
Bronzed light (BH)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

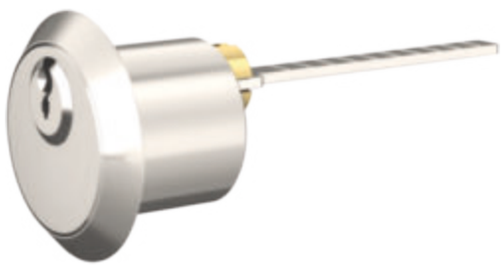
Locking function A
Self-changable cylinder one-time (SUZ1)

Pin special
Anti-bumping pin (SG)

Sleeve
Without sleeve
With sleeve 25.5 mm
With sleeve 40 mm
With sleeve 45 mm
With sleeve 50 mm
With sleeve 60 mm

Outside Rim Cylinders

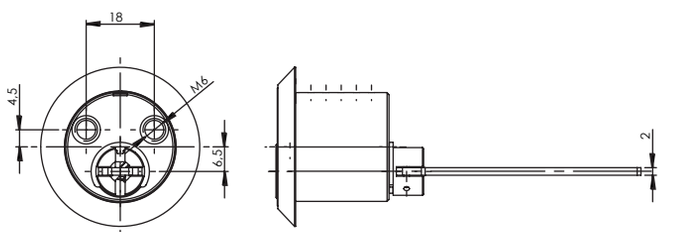
G.AZ.AG047 | Outside Rim Cylinder AG047, Zeiss Ikon



Application
Eccentric outside rim cylinder for Zeiss Ikon surface-mounted locks
The tailpiece operates the bolt from the outside.

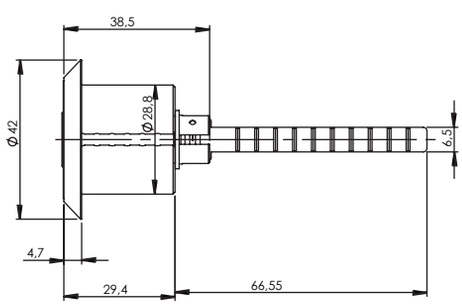
Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Tailpiece 65 mm long, can be shortened on-site

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Two fastening screws M5 × 50 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
PXP/AZ/AG047/D29/5/NI/SE/... cylinder options

Options as follows:



Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
ANS3000 (ANS3)
ANS4000 (ANS4)
AP3000 (AP3)
AP4000 (AP4)

Type cylinder
AG047 Zeiss Ikon (AG047)

Type diameter
Diameter 29 mm (D29)

Outside Rim Cylinders

G.AZ.AG047 | Outside Rim Cylinder AG047, Zeiss Ikon

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Nickel-plated (NI)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Chrome-plated (CR)
Brass, dull (MS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed (BD)
Bronzed medium (BM)
Bronzed light (BH)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Pin special
Anti-bumping pin (SG)

Rosette
Without rosette (O_RO)
Round rosette (RRO)
Oval rosette (OVR)

Outside Rim Cylinders

G.AZ.AG083 | Outside Rim Cylinder AG083, ABUS

Application
For ABUS Pfaffenhain rim locks
The tailpiece operates the bolt from the outside.

Specification
- Housing made from solid natural brass, surface nickel-plated
- With cam
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/AZ/AG083/D23/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
AP2pro (AP2pro)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Type diameter
Diameter 23 mm (D23)

Number of pins
Five pins (5)
Six pins (6)

Outside Rim Cylinders

G.AZ.AG083 | Outside Rim Cylinder AG083, ABUS

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

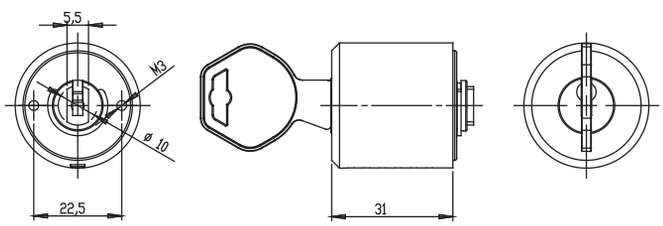
Pin special
SFS special pin 1
Anti-bumping pin (SG)

Inside Rim Cylinders

G.IZ | Inside Rim Cylinders, Diameter 32 mm

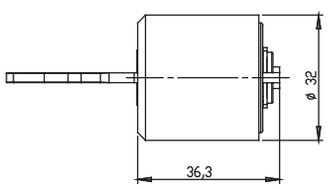
Application
For surface-mounted door locks 1200 and 1210 series
The inside rim cylinder replaces the knob on the lock case on the inside of the door.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- Housing diameter 32 mm



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/IZ/5/NI/SE/... cylinder options



Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
AP3000 (AP3)

Door lock series
No lock
1206 (1206)
1207 (1207)
1216 (1216)
1217 (1217)

Number of pins
Five pins (5)
Six pins (6)

Inside Rim Cylinders

G.IZ | Inside Rim Cylinders, Diameter 32 mm

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)
Bronzed (BD)

Finished surface-mounted lock
Chrome-plated/chrome (CR)
Gold-plated (GO)
Metal, natural (MEN)
Patinated colour lacquered (PAT)
RAL 9016 traffic white

Locking element
Side element (SE)

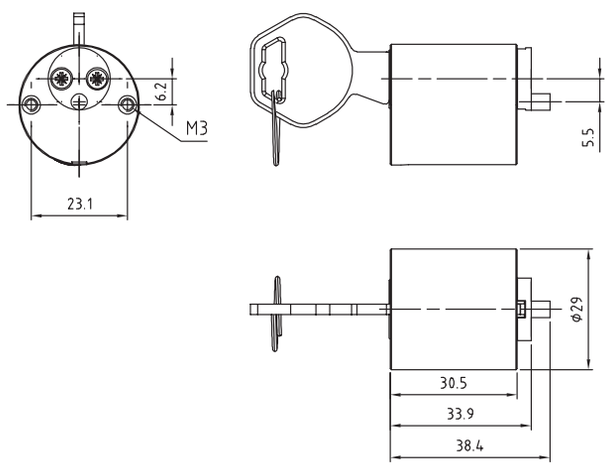
Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Inside Rim Cylinders

G.IZ.AG001 | Inside Rim Cylinder AG001, Zeiss IKON

Application
Inside rim cylinder for Zeiss Ikon surface-mounted locks
The inside rim cylinder replaces the knob on the lock case on the inside of the door.

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver
- With cam
- Housing diameter 29 mm



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Two fastening screws M3 × 25 mm
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/IZ/AG001/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)

Number of pins
Five pins (5)
Six pins (6)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Locking element
Side element (SE)

Inside Rim Cylinders

G.IZ.AG001 | Inside Rim Cylinder AG001, Zeiss IKON

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Inside Rim Cylinders

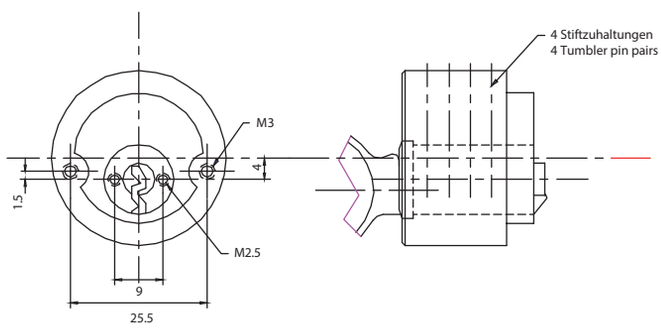
G.IZ.AG037 | Inside Cylinder AG037, CISA

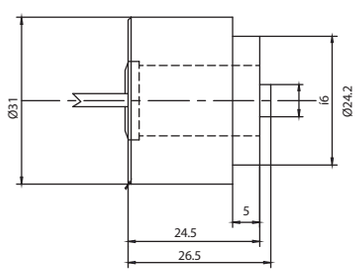
Application
Inside rim cylinder for CISA surface-mounted locks

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Housing diameter 31 mm

Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Cam
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/IZ/AG037/5/NI/SE/... cylinder options





Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)

Number of pins
4
Five pins (5)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Brass, polished (MP)

Locking element
Side element (SE)

Elevator Cylinders

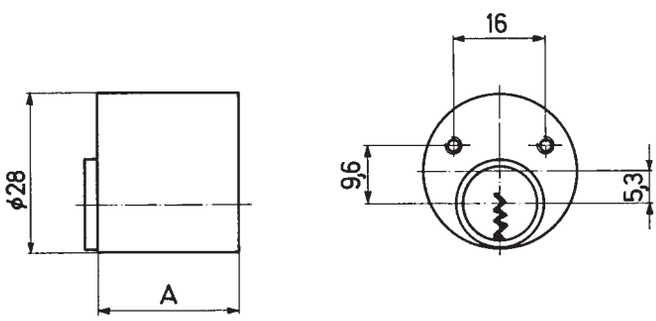
G.AFZ.AG026 | Elevator Control Cylinder AG026, Sowitsch/Freisler/Otis

Application
Key-operated switch cylinder for elevators

Specification
- Housing made from solid natural brass with a chrome-plated surface
- Serrated key made of nickel silver

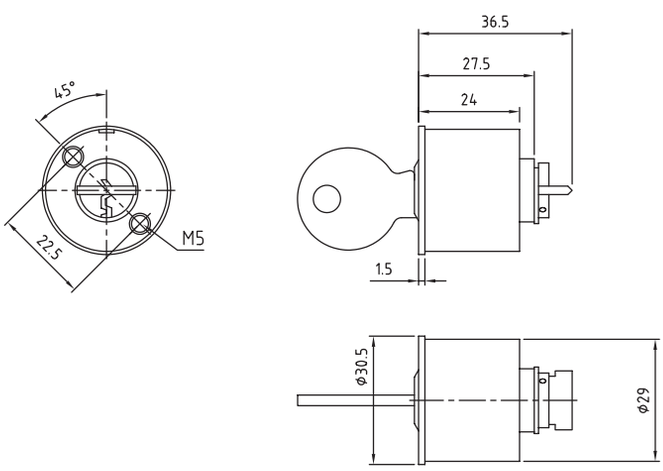
Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/AFZ/AG026/D28/5/26,5/CR ... cylinder options



Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
CNS2000 (CNS2)
AP3000 (AP3)

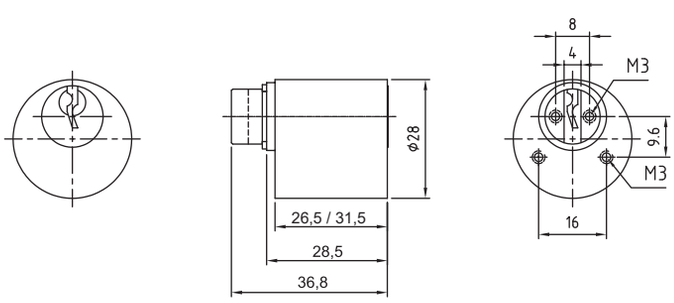


Type cylinder
AG026 - Z 206.002.201 (AG026)

Type diameter
Diameter 28 mm (D28)

Number of pins
Five pins (5)

Length furniture cylinder
26,5



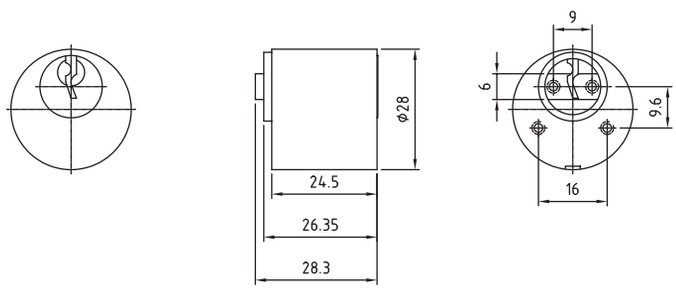
Elevator Cylinders

G.AFZ.AG026 | Elevator Control Cylinder AG026, Sowitsch/Freisler/Otis

Surface DZ side A
Nickel-plated (NI)
Chrome-plated (CR)

Key removal
SZ1

Locking element
Side element (SE)



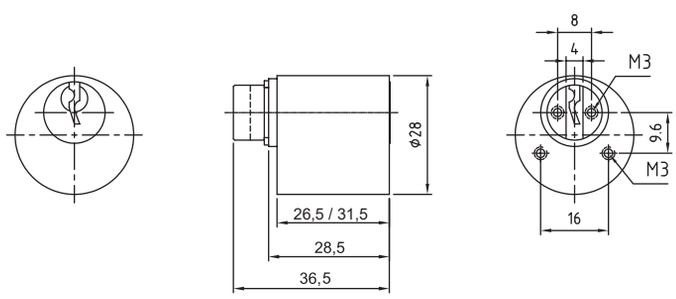
Elevator Cylinders

G.AFZ.AG067 | Elevator Control Cylinder AG067, Sowitsch/Freisler/Otis

Application
Key-operated switch cylinder for elevators

Specification
- Housing made from solid natural brass with a chrome-plated surface
- Serrated key made of nickel silver

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
PXP/AFZ/AG067/D28/7/36,5/CR ... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
AP2pro (AP2pro)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
CNS2000 (CNS2)
AP3000 (AP3)

Type cylinder
AG067 - Z 206.002.012 (AG067)

Type diameter
Diameter 28 mm (D28)

Number of pins
Seven pins (7)

Length furniture cylinder
36,5

Surface DZ side A
Chrome-plated (CR)

Elevator Cylinders

G.AFZ.AG067 | Elevator Control Cylinder AG067, Sowitsch/Freisler/Otis

Key removal
SZ1

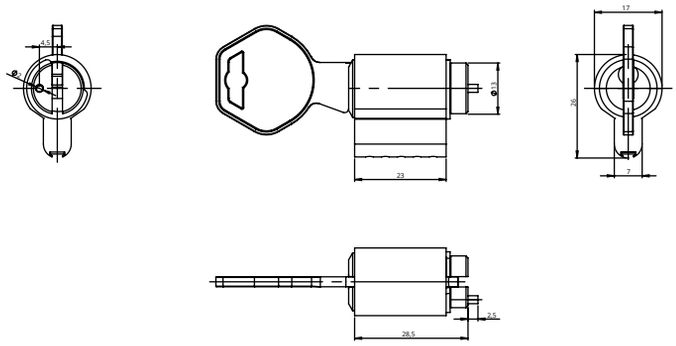
Locking element
Side element (SE)

Bible Cylinders

G.BIBLE.AG263 | Bible Cylinder AG263, CISA

Application
Profile cylinder for CISA surface-mounted locks

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated



Included with the cylinder
- Three serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/BIBLE/AG263/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
ESP (ESP)
APN (APN)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Type cylinder
AG263 Bible (AG263)

Number of pins
Five pins (5)

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)

Bible Cylinders

G.BIBLE.AG263 | Bible Cylinder AG263, CISA

Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Locking element
Side element (SE)

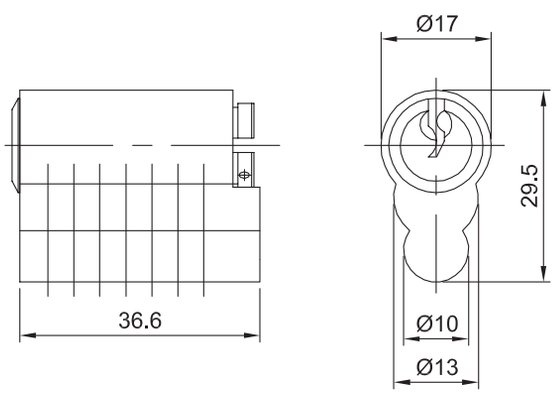
Snowman Cylinders

G.SNOWMAN | Snowman Cylinder

Application
For use in padlocks with snowman profile

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated

Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
PXP/SNOWMAN/5/NI/SE/PXPA/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
Profile 1 (P001)
- **Legacy systems**
ANS2000 (ANS2)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)
AP4000 (AP4)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Snowman Cylinders

G.SNOWMAN | Snowman Cylinder

Surface cylinder
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed dark (BD)

Surface barrel
Nickel-plated (NI)
Brass, dull (MS)
Chrome-plated/chrome (CR)
Chrome, satin (CRM)
Chrome, polished (CRP)
Chrome, scotch (CRS)
Brass, polished (MP)
Brass, brushed (MB)
Bronzed light (BH)
Bronzed medium (BM)
Bronzed (BD)

Locking element
Side element (SE)

Blocking pin
Active element for PX (PXA)
Active element for PXP (PXPA)

Economy style
No, four security pins and S-pinning
Economy, no security pins (E)
No, seven security pins and S-pinning (7SSK)

Screw type
Screw version (SCHRAUB)

Locking function A
Self-changable cylinder (SUZ)
Self-changable cylinder one-time (SUZ1)
Two SUZ drillings (2 + 7)
Reflex

Wear-resistant barrel A
Wear-resistant barrel side A (VK-A)

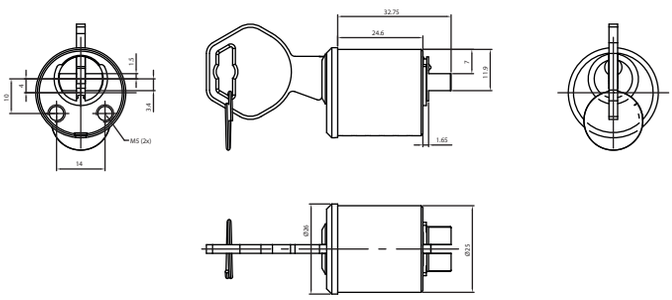
Backmilled side A
Backmilled 9 mm side A (RG9-A)

Glass Door Lock Cylinders

G.GTS | Glass Door Cylinder

Application
Lock cylinder for furniture with glass doors

Specification
- Housing made from solid natural brass, surface nickel-plated
- Serrated key made of nickel silver or nickel-plated
- Length cylinder 24,5 mm



Included with the cylinder
- Two serrated keys, for all key types, see chapter 'Keys with systems and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/GTS/5/NI/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
CNS2000 (CNS2)
HKS2000 (HKS2)
AP3000 (AP3)

Surface DZ side A
Nickel-plated (NI)

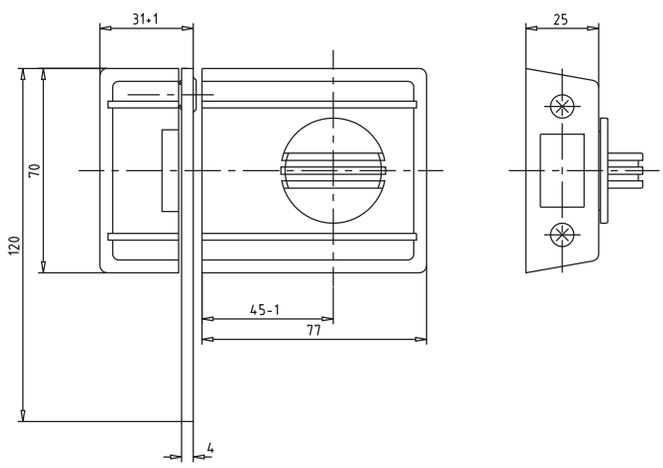
Locking element
Side element (SE)

Surface Mounted Door Locks

G.ZUS.1200 |Surface Mounted Security Locks, Series 1200

Application
For home and apartment front doors, opening inwards. Provides a visible additional locking point on front doors. The bracket allows the door, after one bolt throw, to be safely opened wide enough to see outside and prevents forced entry.

Specification
- Lock case with knob or inside cylinder, bolt case and security latch
- Bolt case with nickel-plated striking plate or locking bracket
- Lock set to left (changeable)
- Tailpiece 65 mm, can be shortened on-site



Included with the cylinder
- Installation and maintenance instructions
- Drilling template

Order example
G/ZUS/1200/MEN

Cylinder options as follows:

Door lock series
1200 bolt deadlock, with locking bracket, knob and outside cylinder AZ.24
1205 bolt deadlock, without locking bracket, with knob with outside cylinder AZ.24
1206 bolt deadlock, without bracket, with outside and inside cylinders AZ.24 and IZ
1207 bolt lock, with bracket with outside and inside cylinders AZ.24 and IZ

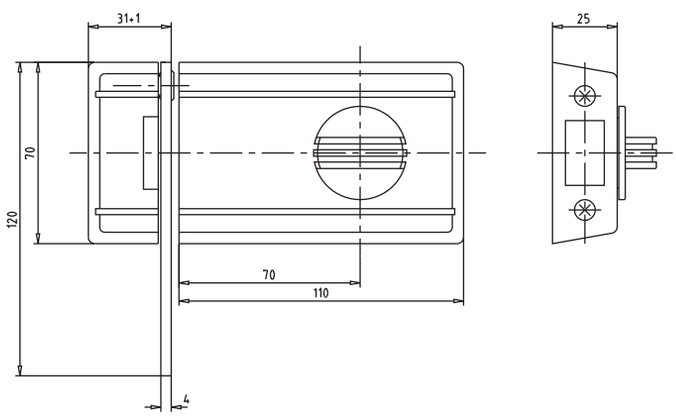
Finished surface-mounted lock
Metal, natural (MEN)
Chrome-plated/chrome (CR)
Gold-plated (GO)
Patinised colour lacquer (PAT)
RAL 9016 traffic white

Surface Mounted Door Locks

G.ZUS.1210 | Surface Mounted Security Locks, Series 1210

Application
For home and apartment front doors, opening inwards. Provides a visible additional locking point on front doors. The bracket allows the door, after one bolt throw, to be safely opened wide enough to see outside and prevents forced entry.

Specification
- Lock case with knob or inside cylinder, bolt case and security latch
- Bolt case with nickel-plated striking plate or locking bracket
- Lock set to left (changeable)
- Tailpiece 65 mm long, can be shortened on-site



Included with the cylinder
- Installation and maintenance instructions
- Drilling template

Order example
G/ZUS/1210/MEN

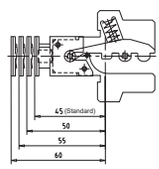
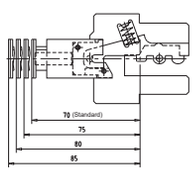
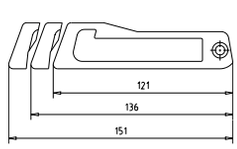
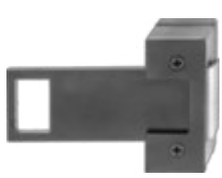
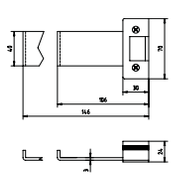
Cylinder options as follows:

Door lock series
1210 bolt deadlock, with locking bracket, knob and outside cylinder AZ.29
1215 bolt lock, without locking bracket, with knob with outside cylinder AZ.29
1216 bolt deadlock, without bracket, with outside and inside cylinders AZ.29 and IZ
1217 bolt deadlock, with bracket with outside and inside cylinders AZ.29 and IZ

Finished surface-mounted lock
Metal, natural (MEN)
Chrome-plated/chrome (CR)
Gold-plated (GO)
Patinated colour lacquered (PAT)
RAL 9016 traffic white

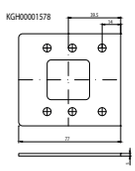
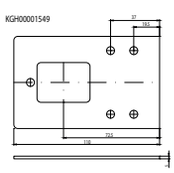
Surface Mounted Door Locks

Accessories for Surface-Mounted Locks Series 1200/1210

Bestellcode	Beschreibung	Bild	Maßzeichnung
	Bolt extensions for series 1200		
ZUST/1/1 2011034126	Series 1200, 5 mm extension = backset 50 mm		
ZUST/1/2 2011034169	Series 1200, 10 mm extension = backset 55 mm		
ZUST/1/3 2011034177	Series 1200, 15 mm extension = backset 60 mm		
	Bolt extensions for series 1210		
ZUST/1/5 2011040843	Series 1210, 5 mm extension = backset 75 mm		
ZUST/1/10 2011040851	Series 1210, 10 mm extension = backset 80 mm		
ZUST/1/15 2011613892	Series 1210, 15 mm extension = backset 85 mm		
ZUST/1/20 2011658926	Series 1210, 20 mm extension = backset 90 mm		
ZUST/1/25 2011658927	Series 1210, 25 mm extension = backset 95 mm		
ZUST/1/35 2011704914	Series 1210, 35 mm extension = backset 105 mm		
	Security brackets		
ZUST/1200/1210 2011624695	Standard bracket, 121 mm long		
ZUST/15/136 2011040878	15 mm bracket extension, total length: 136 mm		
ZUST/30/151 2011612887	30 mm bracket extension, total length: 151 mm		
	Security bracket for outward-opening doors for series 1200/1210 surface locks		
ZUST/8/MEN 2011040894	Natural metal		
ZUST/8/PAT 2011040908	Patinated		

Surface Mounted Door Locks

Accessories for Surface-Mounted Locks Series 1200/1210

Bestellcode	Beschreibung	Bild	Maßzeichnung
ZUST/8/VM # 2011040916	Brass		
ZUST/8/CH 2011272922	Chrome-plated		
	Spacer plates for bolt case, series 1200		
ZUST/7/1,2 2011035815	Plate thickness: 1.2 mm		
ZUST/7/2 2011035793	Plate thickness: 2 mm		
	Support plates for surface-mounted locks		
ZUST/7A/1,2 2011035823	Plate thickness: 1.2 mm		
ZUST/7A/2 2011035807	Plate thickness: 2 mm		
	Precision drilling template for series 1200/1210, with steel inserts		
ZUST/19/BL 2011008508	Drilling template with steel inserts, drawing no. 900.007.001		
	Rosette, round		
ZUST/18/R/24/NI 2011629783	Diameter: 24 mm		
ZUST/18/R/24/MP 2011628942	Diameter: 24 mm		
ZUST/18/R/24/BM 2011635211	Diameter: 24 mm		
ZUST/18/R/24/BD 2011710249	Diameter: 24 mm		
ZUST.18.R.29.NI 2011059560	Diameter: 29 mm		
ZUST/18/R/29/MP 2011058068	Diameter: 29 mm		
ZUST/18/R/29/MP 2011062545	Diameter: 29 mm		
ZUST/18/R/29/BM 2011662175	Diameter: 29 mm		

Surface Mounted Door Locks

Accessories for Surface-Mounted Locks Series 1200/1210

Bestellcode	Beschreibung	Bild	Maßzeichnung
ZUST/18/R/29/CRP 2011619252	Diameter: 29 mm Rosette, square		
ZUST/18/E/NI 2011008494	Nickel-plated		
ZUST/18/E/PAT 2011044415	Patinated		
	Bolt case for surface-mounted locks		
K/ROSETTE/1007/NI/ M.DECKEL 2030010360			
ZUST/4B/MEN 2011608571	With security bracket		
ZUST/4S/MEN 2011608572	Without security bracket		
ZUST/4B/GO 2011608661	With security bracket		
ZUST/4S/GO 2011608659	Without security bracket		
ZUST/4B/PAT 2011608662	With security bracket		
ZUST/4S/PAT 2011608660	Without security bracket		
ZUST/4B/CH 2011611923	With security bracket		
ZUST/4S/CH 2011608973	Without security bracket		
	Spacer plates for bolt case		
ZUST/1/BL/PASS 2011269867	1 mm thick and blue passivated for lock cases in NI, CH and MEN		
	Spacer plates for bolt cases		

Surface Mounted Door Locks

Accessories for Surface-Mounted Locks Series 1200/1210

Bestellcode	Beschreibung	Bild	Maßzeichnung
ZUST/5/MEN 2011269786	5 mm thick, natural metal		
ZUST/5/CH 2011269794	5 mm thick, chrome-plated		
ZUST/5/PAT-LACK 2011269808	5 mm thick, patinated		
ZUST/5/GO 2011269816	5 mm thick, gold-plated		
	Spacer plates for bolt cases		
ZUST/12/MEN 2011269824	5 mm thick, natural metal		
ZUST/12/CH 2011269832	12 mm thick, chrome-plated		
ZUST/12/PAT 2011269840	12 mm thick, patinated		
ZUST/12/GO 2011269859	12 mm thick, gold-plated		

Key Cabinets

G.SK | Key Cabinet

Application
For key storage, safe and discernible storage of 50 to 300 keys

Specification
- Key cabinet with camlock
- Housing and door made of sheet metal
- One door, colour grey, hook racks freely adjustable, sequential numbering
- For over 150 hooks with two hinged panels
- Serrated key made of nickel silver

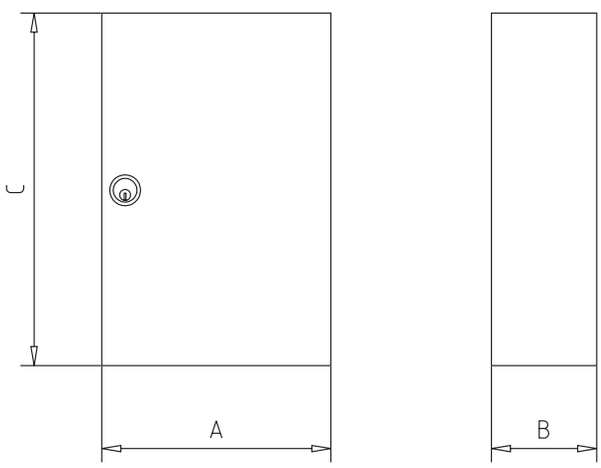
Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/SK/5/50HAK/CR/SE/... cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)



Type	Hooks	A	B	C
SK.050	50	380	80	510
SK.100	100	380	80	510
SK.150	150	380	140	510
SK.200	200	380	140	510
SK.250	250	380	200	510
SK.300	300	380	200	510
All dimensions in mm				

Key Cabinets

G.SK | Key Cabinet

Hooks
50 hooks (50HAK)
100 hooks (100HAK)
150 hooks (150HAK)
200 hooks (200HAK)
250 hooks (250HAK)
300 hooks (300HAK)

Surface cylinder
Chrome-plated (CR)

Locking element
Side element (SE)

Key Cabinets

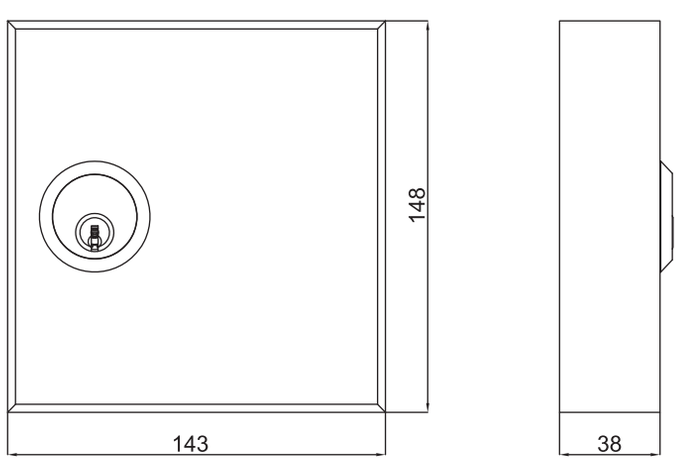
G.NSK | Emergency Key Cabinet

Application
For safe storage of emergency keys

Specification
- Key cabinet with camlock
- Cabinet housing made of sheet metal
- Window and hammer on a chain optional
- Serrated key made of nickel silver

Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions

Order example
PXP/NSK/5/CR/SE/GL/ ... Cylinder options



Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

Surface cylinder
Chrome-plated (CR)

Locking element
Side element (SE)

Key Cabinets

G.NSK | Emergency Key Cabinet

Type
With glass (GL)
No glass (no_GL)
With hammer (w_HA)

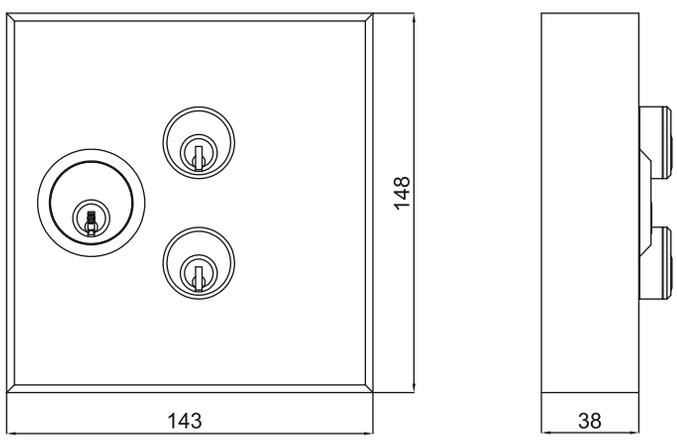
Key Deposits

G.SD | Key Deposit

Application
An individually coded key (e.g. a private entry door key) must be inserted into the lock and
turned 90° (no retraction while inserted) in order to retrieve the site master key. Furthermore, the individual key can only be retracted after the site master key has been replaced
again. This ensures that cleaning personnel cannot leave the building with the master
key.

Specification
- Cabinet housing made of sheet metal, colour red, with camlock cylinder
- Serrated key made of nickel silver

Included with the cylinder
- Two ea. serrated keys, for all key types, see chapter 'Keys with system and clips'
- Security card for ownership registration and ordering duplicate keys
- Installation and maintenance instructions



Order example
PXP/SD/5/CR/SE/1 Pair ... Cylinder options

Cylinder options as follows:

Technical system
- **Premier systems**
pextra plus (PXP)
pextra (PX)
pextra3 (PX3)
AP2000 (AP2)
AP2000 (SYST)
APN (APN)
- **Legacy systems**
ANS2000 (ANS2)
ANS3000 (ANS3)
ANS4000 (ANS4)
CNS2000 (CNS2)
HKS2000 (HKS2)
HKS4000 (HKS4)
AP3000 (AP3)
AP4000 (AP4)

Key Deposits

G.SD | Key Deposit

Number of pins
Five pins (5)
Six pins (6)
Seven pins (7)

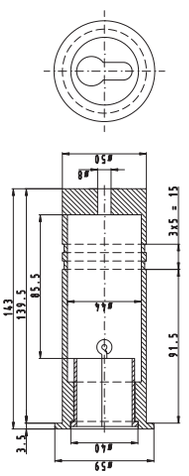
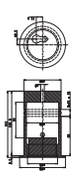
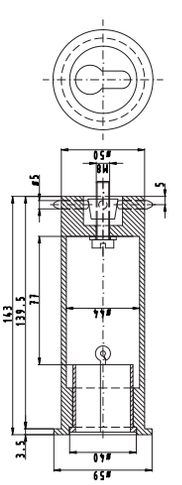
Deposit box
Key depot 1 pair
Key depot 2 pairs
Key depot 3 pairs
Key depot 4 pairs
Key depot five pairs
Key depot six pairs
Key depot seven pairs
Key depot 8 pairs

Surface cylinder
Chrome-plated (CR)

Locking element
Side element (SE)

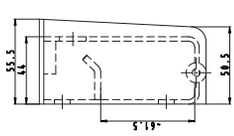
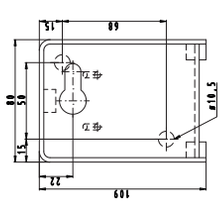
Key Deposits

Key Deposit Tubes with Serrated Key Cylinders

Bestellcode	Beschreibung	Bild	Maßzeichnung
	DSR/Key deposit tube **Application:** Key deposit tube for cementing in walls for the storage of master keys for emergencies (to allow access for the fire brigade, police, security guards, etc.) **Specification:** Housing made of metal and lid made of aluminium or stainless steel. Tube diameter: 50 mm or 80 mm Surface finish anodised for Euro profile single cylinders with 30 mm to cam centre (HZ.30) Lid made of aluminium The single cylinder is not included with the tube and must be ordered separately. See chapter one. **Included with delivery:** Tube with lid **Length:** 143 mm		
DSR/50/ALU 2011681478	**ALU:** cover made of aluminium		
DSR/50/NIRO 2011681479	**NIRO:** cover made of stainless steel		
DSR/ROS/50/NIRO 2011681480	**ROS:** with stainless-steel rosette **NIRO:** cover made of stainless steel		
DSR/ROS/D/50/NIRO 2011681481	**ROS/D:** with stainless-steel rosette and cover **NIRO:** cover made of stainless steel		
DSR/ROS/80/NIRO 2011681484	**ROS:** with stainless-steel rosette **NIRO:** lid made of stainless steel		
DSR/ROS/D/80/NIRO 2011681485	**ROS.D:** with stainless-steel rosette and cover **NIRO:** cover made of stainless steel		
DSR/A/50/ALU or DSR/A/50/NIRO	**Application:** Key deposit tube for cementing in walls for the storage of master keys for emergencies (to allow access for the fire brigade, police, security guards, etc.) **Specification**: Housing made of metal and lid made of aluminium or stainless steel. Surface finish anodised for Euro profile single cylinders with 30 mm to cam centre (HZ.30). The single cylinder is not included with the tube and must be ordered separately. See chapter 'Mortise lock cylinders'. **Included with delivery:** Tube with lid **Length:** 143 mm **Order codes:** DSR/A/50/NIRO - stainless-steel lid DSR/A/50/ALU – aluminium lid		

Key Deposits

Key Deposit Tubes with Serrated Key Cylinders

Bestellcode	Beschreibung	Bild	Maßzeichnung
DSR/A/50/ALU or DSR/A/50/NIRO 2011681476	**Application:** Key deposit tube for cementing in walls for the storage of master keys for emergencies (to allow access for the fire brigade, police, security guards, etc.) **Specification**: Housing made of metal and lid made of aluminium or stainless steel. Surface finish anodised for Euro profile single cylinders with 30 mm to cam centre (HZ.30). The single cylinder is not included with the tube and must be ordered separately. See chapter 'Mortise lock cylinders'. **Included with delivery:** Tube with lid **Length:** 143 mm **Order codes:** DSR/A/50/NIRO - stainless-steel lid DSR/A/50/ALU – aluminium lid		
DSR/A/50/NIRO 2011681477	**Lid:** made of stainless steel		
APT/NIRO 2011681486	**APT/Surface-mounted key deposit** **Application:** Surface-mounted key deposit for the storage of master keys for emergencies (to allow access for the fire brigade, police, security guards, etc.) **Specification:** All parts made of steel. Surface finish anodised for Euro profile single cylinders with 30 mm to cam centre (HZ.30). The single cylinder is not included with the tube and must be ordered separately. **Included with delivery:** Key deposit without screws and without single cylinder **Space requirements:** 109 × 80 × 55.5 mm		 
APT/RAL7032 (KIESELGRAU) 2011701195	**Colour:** RAL7032 (grey)		

General terms and conditions

dormakaba

1. Validity of the terms and conditions
For business transactions with dormakaba Austria GmbH (hereinafter dormakaba), logged to FN 32553y, the following general terms and conditions apply exclusively. These general terms and conditions are binding for all of dormakaba's current and future business dealings with all of dormakaba's contract partners (hereinafter also referred to as Purchaser), even if they are not expressly referred to.
Provisions differing from dormakaba's general terms and conditions - in particular the Purchaser's general terms and conditions - as well as additions only become part of the contract if this has been confirmed by dormakaba in writing.

2. Offers, cost estimates and conclusion of contract
dormakaba's offers are non-binding, unless they are expressly designated as binding.
A cost estimate is made by dormakaba according to its best expert knowledge, but no guarantee can be given for its accuracy. dormakaba will inform the purchaser immediately if cost increases of more than 15% should prove to be unavoidable after the order has been placed. If there are unavoidable cost overruns up to 15%, a separate agreement is not required and these costs can be readily invoiced. Unless otherwise agreed, order changes or additional orders may be invoiced at reasonable prices.
Cost estimates are subject to a fee. A fee paid for the cost estimate will be credited if an order is placed on the basis of this estimate.
The contract is concluded by its actual execution or by a written order confirmation from dormakaba. If amendments to the contract are technically possible, the costs shall be borne by the Purchaser, provided that the amendment lies within his area of responsibility. A cancellation of the contract by the Purchaser is not possible.

3. Confidentiality
The Purchaser hereby irrevocably undertakes to maintain absolute secrecy about all business and trade secrets that dormakaba made accessible, available or otherwise known to him in connection with or due to a business relationship or contact with dormakaba, and not to make them accessible to third parties in any way whatsoever without dormakaba's consent. Furthermore, the Purchaser undertakes to use information only on a need-to-know basis and only in the context of the concluded contract.
The duty of confidentiality also remains valid after termination of the business relationship and independently of a business relationship with dormakaba.

4. Transfer and acceptance of risk
In the case of works and goods deliveries (including software on data carriers) in Austria, the transfer of risk takes place upon dispatch with the handover to the carrier, otherwise with the handover to the delivery address specified by the Purchaser. In the case of export business (deliveries outside Austria), the transfer of risk takes place at the time the work or goods are made available to the Purchaser (Ex Works according to Incoterms 2000).
In the case of work contracts, the risk passes to the Purchaser when the work is handed over. In particular, a transfer shall be deemed to have been made if the entire or partially delivered work is within the control of the Purchaser or his contractual partners and/or the work is used by the Purchaser or his contractual partners.
If software is made available in the form of a download, the transfer of risk takes place at the time the download is made available.
Duly offered, available or provided deliveries and services are to be accepted, otherwise default of acceptance occurs.
In the event of default of acceptance, the transfer of risk takes place in any case when the default occurs at the latest. dormakaba is also entitled to partial deliveries and partial services without a separate agreement. The Purchaser is not entitled to refuse to accept partial deliveries or partial services.

5. Transport and shipping/disposal costs
Claims arising from damage or loss must be immediately asserted to the carrier.
The costs for express consignments, which are to be borne in any case by the Purchaser, are exempted unless otherwise agreed in the order confirmation.
Deliveries with a net invoice of more than EUR 750 and within Austria come with free freight and packaging. dormakaba is an ARA member, therefore packaging material is not taken back.
For cylinder keys, the registration fee (post) or the shipping fee (parcel service) will be charged to the Purchaser. For COD shipments, the COD charges are to be borne by the recipient.
The costs for the collection and handling of electrical and electronic equipment to be taken back in accordance with the Waste Electrical Equipment Ordinance are to be borne by the Purchaser.

6. Delivery delay and exemption from the delivery obligation
Delivery dates specified by dormakaba are adhered to by dormakaba as far as possible and are always to be regarded as estimated dates of the handover or transfer to the carrier.
The delivery period begins only after written technical clearance. The delivery period shall be extended appropriately if dormakaba does not receive the information necessary for the execution of the order as agreed or if the order is modified.
In the event of any exceptional circumstances for which dormakaba is not responsible and which cause a significant disruption of operation, and delay or render impossible the production, provision or dispatch of the goods or services, the delivery time shall be extended appropriately or if this is impossible dormakaba is entitled to withdraw in writing from the contract regarding the not yet accepted goods or services.
A withdrawal from the contract by the Purchaser due to delay in delivery is only possible in writing by setting a reasonable grace period of at least 8 weeks. Delays or withdrawal from the contract by dormakaba due to impossibility do not entitle the Purchaser to refuse acceptance of the works and goods already delivered or produced or the service rendered or to claim compensation for damages and costs arising therefrom. In particular, the Purchaser is not entitled to demand any contractual penalties he may have agreed upon with third parties in the event of late delivery by dormakaba.

7. Default of acceptance
Goods which have been duly offered but not actually accepted by the agreed date shall be stored for a period of 6 weeks at the Purchaser's risk and expense. If the acceptance has not occurred after expiry of this period, dormakaba is entitled to freely dispose of the ordered goods, whereby dormakaba's delivery obligation is waived. Nevertheless, dormakaba is entitled to charge the invoice value. This shall also apply in the event of impossibility occurring within the Purchaser's sphere of influence.

8. Prices and price changes
All prices are given in Euros. Unless otherwise agreed, the currently applicable dormakaba price lists apply. The statutory sales tax will be added to the invoice at the rate applicable at the time. The pricing in the order confirmation is binding.
For services provided on Saturdays/Sundays and times other than normal working hours (Monday - Thursday 7.30 am to 4.30 pm, Friday 7.30 am to 12.00 noon), as well as on public holidays, a surcharge will be charged in the amount given in § 10 (1) clause 1 of the Austrian Working Time Act, based on the calculation of the normal hourly rate resulting from the price list. For orders involving several units, dormakaba is entitled to carry out partial deliveries and to issue partial invoices.

9. Small quantity surcharge / Over- and under-delivery
Small parts are delivered exclusively in the intended packing units. If the purchase quantity is less than one packing unit, a 12% surcharge (plus VAT) per item will be charged unless otherwise stated in the order confirmation or in the price list.
Replacement keys, cylinder re-orders for locking systems and cylinders for certain locks are not affected by this provision.
In the event of over- or under-delivery of up to 10% of the ordered quantity due to production, dormakaba will charge for the quantity actually delivered. In this case, there is no entitlement to subsequent delivery or return of the difference in quantity.

10. Terms of payment
Unless otherwise agreed, invoices are due promptly, net cash.
dormakaba does not grant a discount for cash on delivery. For exceeding the term of payment, dormakaba charges 12% p.a. interest on arrears plus all handling costs as well as a reminder processing fee of €10. Only payments that are made to the respective paying agent will be accepted. Commercial instructions, bills of exchange and checks are only accepted on account of payment. For payment with acceptances or checks, dormakaba assumes no liability for a timely presentation.
In the case of an agreement to pay in installments, an installation deadline will be deemed as missed even if only one partial payment is late or not paid in full. Upon the deadline being missed, the entire outstanding balance is due for payment immediately. In case of a missed deadline, dormakaba has the right to take the goods delivered under retention of title without withdrawal from the purchase contract until the entire claim has been completely covered including ancillary costs.

11. Deterioration of financial situation
If dormakaba becomes aware of a material deterioration in the Purchaser's financial circumstances, or if the Purchaser defaults on the payment of a billing document from dormakaba, dormakaba is entitled to demand advance payment or other security for all outstanding deliveries, even where this deviates from the order confirmation.

12. Retention of title
All delivered goods remain the property of dormakaba until full payment of the purchase price. In the case of resale of the delivered goods by the Purchaser, dormakaba's retention of title extends to the proceeds obtained. In the case of further processing of the delivered goods, dormakaba acquires a proportionate co-ownership of the final product within the scope of its retention of title.

13. Warranty
The warranty period for all deliveries and services (e.g., repairs, maintenance or software) is 6 months after the transfer of risk.
The warranty period is 2 years after the transfer of risk exclusively in the case of installation by dormakaba itself or by dormakaba-trained and certified distribution partners or by dormakaba-trained and certified specialists.
No warranty is assumed for goods manufactured or modified by third parties, for example under license. The claim for warranty cannot be transferred to third parties without dormakaba's consent.
In the event of warranty, dormakaba is entitled to define the type of warranty itself. Other costs beyond the warranty will not be covered. § 924 ABGB sentence 2 does not apply.
In the case of third-party products, the warranty is limited to the fact that the Purchaser can demand the assignment of warranty claims to which dormakaba is entitled against the supplier of the third-party product. With the assignment, any warranty claim against dormakaba and any liability of dormakaba expires. For the assertion of warranty claims, dormakaba must always be provided with the rejected goods together with the proof of purchase.
Defects and damages which are recognizable by a proper incoming inspection must immediately be reported in writing with the respective form currently provided by dormakaba for other loss of rights under warranty and damages, but at the latest within 3 days from the date of receipt accompanied by the delivery note. The reason for the complaint must be stated. Hidden defects must be reported in writing immediately after appearing.
In the case of improper use and improper installation of the products, any warranty shall lapse.

14. Deliveries of spare keys and the provision of codes for locking systems
Deliveries of spare keys and the provision of codes for locking systems are carried out exclusively in accordance with dormakaba's security guidelines published on the homepage www.dormakaba.at.

15. Data protection
dormakaba is entitled to store, process and pass on personal data in compliance with the relevant data protection regulations as part of the provision of services and for the contractually agreed purposes. The Purchaser is responsible for ensuring the data subjects' consent to the storage, processing and transfer of personal data is submitted to the extent required.
Insofar as dormakaba is obliged to disclose data under existing legislation, dormakaba will comply with this obligation without the Purchaser or the data subjects being able to derive legal consequences from it. If the Purchaser and/or the end customer claims against dormakaba in connection with this, the Purchaser shall indemnify dormakaba and hold it harmless.

16. Product liability
If the Purchaser is not the user, his claims against dormakaba according to the Product Liability Act are excluded, as long as they are not for personal injury. These liability limitations are to be assigned entirely to any buyers with the obligation for further assignment to further buyers. The ordered goods offer only the security that can be expected taking into account the material-specific properties. Further product information is contained in German-language price lists and catalogs and can be obtained from dormakaba if required.

17. Liability for damages
dormakaba is exclusively liable, except for personal injury, for intentional or grossly negligent damage caused up to the amount of the invoice value. However, dormakaba is in no case liable for any loss of profit, consequential damage or other financial loss of the Purchaser or of his contractual partners or other third parties.

18. Place of performance
The place of performance for all obligations is dormakaba's respective branch location.

19. Compensation ban
The Purchaser is not entitled to any right of retention or offsetting against dormakaba's demands or other claims.

20. Written form
Changes to these terms and conditions or additional agreements, as well as any departure from this, must be in writing.
Offers, orders or order confirmations must be in writing, including via e-mail or, in the case of e-commerce solutions, electronically without signature, in order to be legally valid.

21. Jurisdiction and applicable law
Jurisdiction is the relevant court for Herzogenburg, without prejudice to dormakaba's right to sue at any other jurisdiction. Applicable law is exclusively Austrian law excluding the UN Convention on Contracts for the International Sale of Goods.

22. Severability clause
Should any provision of these terms and conditions be or become wholly or partially legally invalid or unenforceable, this shall not affect the legal validity of all other terms and conditions. The contracting parties shall replace the invalid or unenforceable provision by an effective and enforceable provision that comes as close as possible to the content and purpose of the invalid or unenforceable provision.

23. General
The illustrations, dimensions and technical data in our price lists, catalogs, brochures and product descriptions are for illustration only, subject to possible printing errors, and can be changed at any time and adapted to new requirements. We reserve the right to carry out technical changes and changes in the price lists at any time.

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dormakaba Austria GmbH
Ulrich-Bremi-Strasse 2
3130 Herzogenburg
Austria
T: +43 2782 808*0
F: +43 2782 808 5505

CE

www.dormakaba.com

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