



DOOR TECHNOLOGY

Combining technology and design
for more security

| A company of the Gretsch-Unitas group



Cutting-edge locking systems

The brand BKS

Security has a name, or to be more accurate, it is a brand. BKS GmbH is a member of the Gretsch-Unitas group. More than a century of experience in manufacturing high-quality locking systems. Ever since the round cylinder was developed in 1938, BKS GmbH has been and remains today one of the leading companies in the field of locking technology and security.

Opening and locking

Locking systems from BKS offer individual and tailor-made solutions and are manufactured in accordance with the highest quality standards. By choosing a BKS master key system, you opt for the most modern locking systems with the most diverse functions and features. You also open up flexible design options for subsequent extensions.

Variety of solutions

Locking systems from BKS offer a variety of solutions for securing individual doors and planning modern master key systems. Convenience and security can be individually designed and economically implemented with the combination of mechanical and electronic locking systems.

Perfect interplay

The outstanding quality of their mechanical, mechatronic, and electronic cylinders are complemented by a comprehensive range of services in the field of planning, administration and reordering of keys and cylinders.

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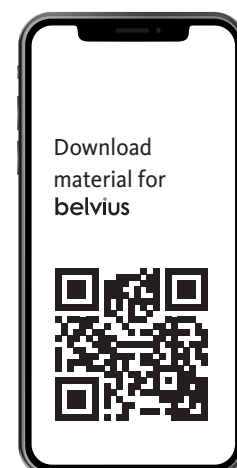
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Everything about mechanical locking systems

Reversible key systems

janus



Maximum security for the highest demands

belvius



Combining technology and design for more security

livius



High convenience in every application range

helius



Small and flexible for optimum protection

Everything about mechanical locking systems A locking system for every requirement

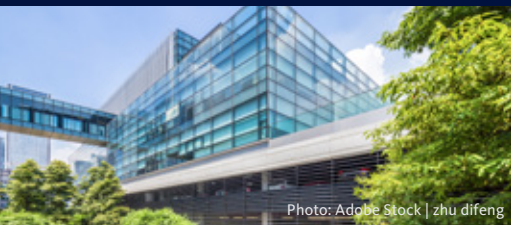


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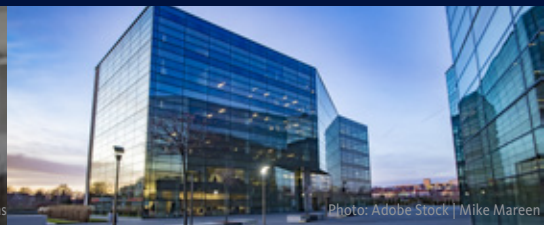


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Conventional cylinder systems



nuvius

Great all-rounder featuring
state-of-the-art technology



detect3000

Proven strength
for more security



PZ 88

Compact standard cylinder

systems



Reversible key system – belvius

belvius

Combining technology and design for more security

The number one choice for meeting stringent demands: the belvius reversible key system guarantees outstanding security and greater flexibility in order to meet your expectations. belvius is impressive, not just due to its unique design but also its intuitive operation and ease of use.

The right solution for every requirement can be found in the extensive product range – special functions provide versatility of use across a wide range of areas. With a high degree of protection against manipulation and a range of versions with copy protection you can rest assured you will always have added security. belvius is extremely hard-wearing and is characterised by a purple glass ball which clearly sets it apart from other keys. The high-quality reversible key technology ensures convenient, intuitive handling. Choose innovative technology, state-of-the-art design and comfortable handling and gain real added value for your security.



Photo: Adobe Stock | LIGHTFIELD STUDIOS

Highlights of the versions	belvius	belvius SL	belvius SLX
Certification to DIN 18252 and EN 1303	■	■	■
VdS version, optional	■	■	■
6-pin cylinder (from length 27/27 mm)	■	■	■
Anti-bump feature	■	■	■
Drilling resistance, standard	■	■	■
Greater copy protection, thanks to patented profile series	■	■	■
Optional drilling protection (included as standard with registered differs)	■	■	■
Drilling/picking protection, optional	■	■	■
Concealed or movable copy protection	■	■	■
Additional protection against manipulation through lateral locking bar		■	■
Increased functionality with master key systems due to 4 additional interacting pins		■	
Maximum functionality with master key systems due to 8 additional interacting pins			■



- 1 Locking bar
- 2 Cylinder spring
- 3 Drilling/picking protection pin
- 4 Interacting pins
- 5 Drill protection pin

- 6 Coupling
- 7 Concealed copy protection
- 8 Drive pin
- 9 Tumbler pin

Choice of two copy protection versions

CONCEALED COPY PROTECTION (VLK)

With concealed copy protection (VLK), a milled-in double groove ensures that the key is secure. Extended copy protection is provided by security elements that are read in the cylinder. When the key is inserted into the locking cylinder, the depth of the double groove is gauged and checked by an internal pin. The key can only be turned if pin and groove are a match. If the depth of the groove and pin are not compatible, the cylinder remains in the blocking position.



MOVABLE COPY PROTECTION (BWK)

The essential element of this type of copy protection is a movable piece in the key shank. When the key is inserted in the locking cylinder, this is moved by a pin – the movement releases the cylinder plug via another pin. Locking can only take place if the key for the relevant cylinder has been released and the moving part or last pin has reached the correct positions.

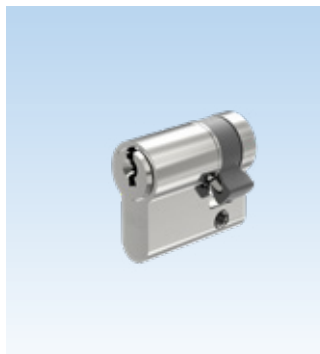


Product range

belvius



Double cylinder
Available as standard cylinder with special cylinder locking cams or with additional features



Half cylinder
Can be used universally in many additional locking devices



Knob cylinder
The cylinder thumbturn can be selected, exchanged and replaced



Padlock
Also available with extra-thin or high shackle



Cylinder cam lock
With different locking levers, suitable for different letter boxes or cabinets



Switching cylinder
With microswitches for controlling external electronic devices, such as lifts, barriers or machines



Rim cylinder
Locks or unlocks rim locks from the outside of the door



Key with SE transponder
Function and design combine to a universal access media

Flexible use for outstanding security

The complete product range of designs opens up many application possibilities for belvius – especially in complex master key systems. You also have a great deal of flexibility in relation to access authorisations for master keys.

Additional locking devices for individual requirements

Broad spectrum for every application: the versatile product range of belvius includes special locks, padlocks and letter box cylinders, which means a solution is available for more or less any requirement.

Electronic additions – ixalo | SE

belvius keys can be combined with the ixalo transponder clip | SE. With the ixalo double knob cylinders | SE, all new and existing master key systems can therefore be extended, which is a valuable feature.

Availability of furniture locks – JuNie

The product range includes furniture locks for all application ranges. belvius cylinders are compatible with furniture locking devices from JuNie.

Outstanding flexibility for your requirements

With high-quality standard equipment and many items of extra equipment, belvius can be used flexibly and individually. You can therefore benefit from the strengths of the high-quality reversible key system in more or less any application.



Under preparation:



Standard equipment




- Tested in accordance with EN 1303 and DIN 18252
- Long patent terms
- Bumping protection as standard
- 6-pin profile cylinders
- Keys of high-quality nickel silver with purple glass ball as distinguishing feature
- Knob cylinder standard with removable thumbturn
- Faceplate screw: M5 x 80 mm, nickel-plated steel
- Cylinder, nickel-plated brass
- Longer key shank

Extra equipment

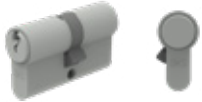

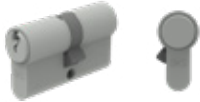
- Cylinder with additional copy-protection feature with registered differ with security card as standard
- Cylinder with drilling/picking protection
- Cylinder with emergency function
- Cylinder with and without locking bars
- Seawater protected version as standard with VdS cylinders
- Special shapes of the cylinder knob thumbturn, e.g. 'Fire brigade' knob (triangular)
- Faceplate screw with Security Torx
- Freewheel function (FZG)
- Different copy protection versions can be selected

Technical data	
Order length (BL)	27, 31, 35 ... ascending in 5 mm steps up to 120 mm per cylinder side
Special lengths	Cylinders up to a total length of 240 mm
Key bitting	Registered differ, master key system
Cylinder locking cam	Standard, multiple cylinder locking cams, special versions
Emergency function	Optional, on both sides from length 31/31 mm, on one side from length 27/31 mm
Freewheel function (FZG)	Optional, from length 31/31 mm
Drilling protection (BS)	Optional with master key systems, standard feature with registered differs
Drilling/picking protection (BZ)	Optional
Key related security according to EN 1303 and DIN 18252	Grade 6
Attack resistance according to EN 1303 and DIN 18252	Master key systems: grade 0, optional grade B (with drilling protection), optional grade D (with drilling/picking protection) Registered differs: grade B, optional grade D (with drilling/picking protection)
VdS variant	Optional
SKG variant	Optional
A2P* variant	Optional

Double cylinder


belvius			
	5700 Double cylinder	5702 Double cylinder with emergency function on one side	5712 Double cylinder with emergency function on both sides
Functions/Coupling			
Freewheel function, forced uncoupling			
Finish			
Brass, nickel-plated	■	■	■
Matt brass	□	□	□
Black bronze	□	□	□
Thumbturn in matching colour			
Lateral interacting pins (locking bars)			
System belvius			
System belvius SL	Max. 4	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8	Max. 8
Equipment			
Abrasion-resistant plugs	□	□	□
Protection against seawater	□	□	□
Concealed copy protection			
System belvius	□	□	□
System belvius SL	□*	□*	□*
System belvius SLX	□ ²	□ ²	□ ²
Movable copy protection			
System belvius	□ ²	□ ²	□ ²
System belvius SL	□ ²	□ ²	□ ²
System belvius SLX	□*	□*	□*
Drilling/picking protection			
Drilling protection (BW = drilling resistance)	■	■	■
Drilling protection (BS)	□*	□*	□*
Drilling/picking protection (BZ)	□	□	□
Specification			
Basic lengths (BL), mm	From 27	From 27	From 31
Outside with dummy plug			
Inside with dummy plug			
Rear fastening thread			
Earthing screw			
Lock indicator			
Thumbturn in different shape			
Cylinder locking cams			
Double cylinder locking cam	□	□	□
Quadruple cylinder locking cam	□	□	□
Cogwheel cam	□	□	□
Pinion cam	□	□	□
Special setting of cylinder locking cam	□	□	□
Cylinder locking cam with 8 possible positions			
Cylinder locking cam, spring-loaded			

■ = Standard □ = Optional (□* = Optional, standard with registered differ) (□² = Optional only with master key systems)




belvius			
	5724 Double cylinder Freewheel function, one side dummy	5727 Double cylinder Freewheel function	5750 Double cylinder One side dummy
Functions/Coupling			
Freewheel function, forced uncoupling	■	■	
Finish			
Brass, nickel-plated	■	■	■
Matt brass	□	□	□
Black bronze	□	□	□
Thumbturn in matching colour			
Lateral interacting pins (locking bars)			
System belvius			
System belvius SL	Max. 4	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8	Max. 8
Equipment			
Abrasion-resistant plugs	□	□	□
Protection against seawater	□	□	□
Concealed copy protection			
System belvius	□	□	□
System belvius SL	□*	□*	□*
System belvius SLX	□ ²	□ ²	□ ²
Movable copy protection			
System belvius	□ ²	□ ²	□ ²
System belvius SL	□ ²	□ ²	□ ²
System belvius SLX	□*	□*	□*
Drilling/picking protection			
Drilling protection (BW = drilling resistance)	■	■	■
Drilling protection (BS)	□*	□*	□*
Drilling/picking protection (BZ)		□	□
Specification			
Basic lengths (BL), mm	From 31	From 31	From 27
Outside with dummy plug	■		■
Inside with dummy plug			
Rear fastening thread			
Earthing screw			
Lock indicator			
Thumbturn in different shape			
Cylinder locking cams			
Double cylinder locking cam			
Quadruple cylinder locking cam			
Cogwheel cam			
Pinion cam			
Special setting of cylinder locking cam			
Cylinder locking cam with 8 possible positions			
Cylinder locking cam, spring-loaded			

■ = Standard □ = Optional (□* = Optional, standard with registered differ) (□² = Optional only with master key systems)

Double cylinder




belvius	
	5706 Double cylinder with thumbturn
Functions/Coupling	
Freewheel function, forced uncoupling	
Finish	
Brass, nickel-plated	<input checked="" type="checkbox"/>
Matt brass	<input type="checkbox"/>
Black bronze	<input type="checkbox"/>
Thumbturn in matching colour	<input checked="" type="checkbox"/>
Lateral interacting pins (locking bars)	
System belvius	
System belvius SL	Max. 4
System belvius SLX	Max. 8
Equipment	
Abrasion-resistant plugs	<input type="checkbox"/>
Protection against seawater	<input type="checkbox"/>
Concealed copy protection	
System belvius	<input type="checkbox"/>
System belvius SL	<input type="checkbox"/> *
System belvius SLX	<input type="checkbox"/> ²
Movable copy protection	
System belvius	<input type="checkbox"/> ²
System belvius SL	<input type="checkbox"/> ²
System belvius SLX	<input type="checkbox"/> *
Drilling/picking protection	
Drilling protection (BW = drilling resistance)	<input checked="" type="checkbox"/>
Drilling protection (BS)	<input type="checkbox"/> *
Drilling/picking protection (BZ)	<input type="checkbox"/>
Specification	
Basic lengths (BL), mm	From 27
Outside with dummy plug	
Inside with dummy plug	
Rear fastening thread	
Earthing screw	
Lock indicator	
Thumbturn in different shape	<input type="checkbox"/>
Cylinder locking cams	
Double cylinder locking cam	<input type="checkbox"/>
Quadruple cylinder locking cam	<input type="checkbox"/>
Cogwheel cam	<input type="checkbox"/>
Pinion cam	<input type="checkbox"/>
Special setting of cylinder locking cam	<input type="checkbox"/>
Cylinder locking cam with 8 possible positions	
Cylinder locking cam, spring-loaded	

= Standard
 = Optional
 (* = Optional, standard with registered differ)
 (² = Optional only with master key systems)




belvius			
	5701 Half cylinder	5723 Half cylinder Freewheel function	5799 Half cylinder with fastening threads and earthing screw
Functions/Coupling			
Freewheel function, forced uncoupling		■	
Finish			
Brass, nickel-plated	■	■	■
Matt brass	□	□	□
Black bronze	□	□	□
Thumbturn in matching colour			
Lateral interacting pins (locking bars)			
System belvius			
System belvius SL	Max. 4	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8	Max. 8
Equipment			
Abrasion-resistant plugs	□	□	□
Protection against seawater	□	□	□
Concealed copy protection			
System belvius	□	□	□
System belvius SL	□*	□*	□*
System belvius SLX	□ ²	□ ²	□ ²
Movable copy protection			
System belvius	□ ²	□ ²	□ ²
System belvius SL	□ ²	□ ²	□ ²
System belvius SLX	□*	□*	□*
Drilling/picking protection			
Drilling protection (BW = drilling resistance)	■	■	■
Drilling protection (BS)	□*	□*	□*
Drilling/picking protection (BZ)	□	□	□
Specification			
Basic lengths (BL), mm	From 27	From 31	35, 40
Outside with dummy plug			
Inside with dummy plug			
Rear fastening thread	□		■
Earthing screw			
Lock indicator			
Thumbturn in different shape			
Cylinder locking cams			
Double cylinder locking cam	□		
Quadruple cylinder locking cam	□		
Cogwheel cam	□		
Pinion cam	□		
Special setting of cylinder locking cam			
Cylinder locking cam with 8 possible positions	■		
Cylinder locking cam, spring-loaded			

■ = Standard □ = Optional (□* = Optional, standard with registered differ) (□² = Optional only with master key systems)

Rim cylinder




belvius			
	5709 Rim cylinder Ø 32 for rim lock	5710 Rim cylinder Ø 32 for rim lock	5711 Rim cylinder Ø 32 for rim lock
Functions/Coupling			
Freewheel function, forced uncoupling			
Finish			
Brass, nickel-plated	■	■	■
Matt brass			
Black bronze			
Thumbturn in matching colour			
Lateral interacting pins (locking bars)			
System belvius			
System belvius SL	Max. 4	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8	Max. 8
Equipment			
Abrasion-resistant plugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protection against seawater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concealed copy protection			
System belvius			
System belvius SL			
System belvius SLX			
Movable copy protection			
System belvius			
System belvius SL			
System belvius SLX			
Drilling/picking protection			
Drilling protection (BW = drilling resistance)	■	■	■
Drilling protection (BS)	<input type="checkbox"/> *	<input type="checkbox"/> *	<input type="checkbox"/> *
Drilling/picking protection (BZ)			
Specification			
Basic lengths (BL), mm	28	28	25
Outside with dummy plug			
Inside with dummy plug			
Rear fastening thread	■	■	■
Earthing screw			
Lock indicator			
Thumbturn in different shape			
Cylinder locking cams			
Double cylinder locking cam			
Quadruple cylinder locking cam			
Cogwheel cam			
Pinion cam			
Special setting of cylinder locking cam			
Cylinder locking cam with 8 possible positions			
Cylinder locking cam, spring-loaded			

■ = Standard □ = Optional (□* = Optional, standard with registered differ) (□² = Optional only with master key systems)



belvius			
	5744 Rim cylinder Ø 32 for rim lock	5760 Rim cylinder Ø 32 for rim lock	5715 Rim cylinder Ø 32 for rim lock
Functions/Coupling			
Freewheel function, forced uncoupling			
Finish			
Brass, nickel-plated	■	■	■
Matt brass			
Black bronze			
Thumbturn in matching colour			
Lateral interacting pins (locking bars)			
System belvius			
System belvius SL	Max. 4	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8	Max. 8
Equipment			
Abrasion-resistant plugs	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Protection against seawater	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Concealed copy protection			
System belvius			
System belvius SL			
System belvius SLX			
Movable copy protection			
System belvius			
System belvius SL			
System belvius SLX			
Drilling/picking protection			
Drilling protection (BW = drilling resistance)	■	■	■
Drilling protection (BS)	<input type="checkbox"/> *	<input type="checkbox"/> *	<input type="checkbox"/> *
Drilling/picking protection (BZ)			
Specification			
Basic lengths (BL), mm	30	30	30
Outside with dummy plug			
Inside with dummy plug			
Rear fastening thread	■	■	■
Earthing screw			
Lock indicator			
Thumbturn in different shape			
Cylinder locking cams			
Double cylinder locking cam			
Quadruple cylinder locking cam			
Cogwheel cam			
Pinion cam			
Special setting of cylinder locking cam			
Cylinder locking cam with 8 possible positions			
Cylinder locking cam, spring-loaded			

■ = Standard = Optional (* = Optional, standard with registered differ) (² = Optional only with master key systems)

Cylinder cam lock

belvius			
	5775 Cylinder cam lock Ø 32	5776 Cylinder cam lock Ø 32 with limited rotation	5785 Cylinder cam lock Ø 32
Functions/Coupling			
Freewheel function, forced uncoupling			
Finish			
Brass, nickel-plated	■	■	■
Matt brass			
Black bronze			
Thumbturn in matching colour			
Lateral interacting pins (locking bars)			
System belvius			
System belvius SL	Max. 4	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8	Max. 8
Equipment			
Abrasion-resistant plugs	□	□	□
Protection against seawater	□	□	□
Concealed copy protection			
System belvius			
System belvius SL			
System belvius SLX			
Movable copy protection			
System belvius			
System belvius SL			
System belvius SLX			
Drilling/picking protection			
Drilling protection (BW = drilling resistance)	■	■	■
Drilling protection (BS)	□*	□*	□*
Drilling/picking protection (BZ)			
Specification			
Basic lengths (BL), mm	29	29	29, 34, 40, 45, 50, 55
Outside with dummy plug			
Inside with dummy plug			
Rear fastening thread			
Earthing screw			
Lock indicator			
Thumbturn in different shape			
Cylinder locking cams			
Double cylinder locking cam			
Quadruple cylinder locking cam			
Cogwheel cam			
Pinion cam			
Special setting of cylinder locking cam			
Cylinder locking cam with 8 possible positions			
Cylinder locking cam, spring-loaded			

■ = Standard □ = Optional (□* = Optional, standard with registered differ) (□² = Optional only with master key systems)

belvius		
	5787 Switching cylinder Ø 32	5728 Padlock
Functions/Coupling		
Freewheel function, forced uncoupling		
Finish		
Brass, nickel-plated	■	
Matt brass		■
Black bronze		
Thumbturn in matching colour		
Lateral interacting pins (locking bars)		
System belvius		
System belvius SL	Max. 4	Max. 4
System belvius SLX	Max. 8	Max. 8
Equipment		
Abrasion-resistant plugs	□	
Protection against seawater	□	■
Concealed copy protection		
System belvius		□
System belvius SL		□*
System belvius SLX		□ ²
Movable copy protection		
System belvius		□ ²
System belvius SL		□ ²
System belvius SLX		□*
Drilling/picking protection		
Drilling protection (BW = drilling resistance)	■	■
Drilling protection (BS)	□*	
Drilling/picking protection (BZ)	□	
Specification		
Basic lengths (BL), mm	25	50 x 56
Outside with dummy plug		
Inside with dummy plug		
Rear fastening thread		
Earthing screw		
Lock indicator		
Thumbturn in different shape		
Cylinder locking cams		
Double cylinder locking cam		
Quadruple cylinder locking cam		
Cogwheel cam		
Pinion cam		
Special setting of cylinder locking cam		
Cylinder locking cam with 8 possible positions		
Cylinder locking cam, spring-loaded		
■ = Standard □ = Optional (□* = Optional, standard with registered differ) (□ ² = Optional only with master key systems)		

Key related security and attack resistance

EN 1303, EN 1627–EN 1630

Key related security grades to EN 1303: 2015								belvius belvius SL belvius SLX
Requirement	Unit	Grade						Parameter
		1	2	3	4	5	6	
Minimum number of effective differs	Number	100	300	15,000	30,000	30,000	100,000	–
Minimum number of movable detainers	Number	2	3	5	5	6	6	–
Maximum number of identical steps	Percent	100	70	60	60	60	50	–
Direct coding on key	–	Yes	Yes	No	No	No	No	–
Operation of security mechanism	Nm	1.5	1.5	1.5	1.5	1.5	1.5	Torque
Torque resistance of plug/cylinder	Nm	2.5	5	15	15	15	15	Torque
Maximum number of of key cuts at the same level	–	–	2	2	2	2	2	–

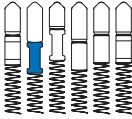
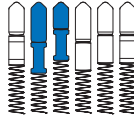
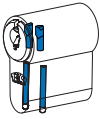
Attack resistance classes to EN 1303: 2015 and DIN 18252: 2018							
Requirement	Unit	Grade					Parameter
		0	A	B	C	D	
Drilling	Min.	–	3/5	5/10	3/5	5/10	Net drilling time/ total test time
Extraction of cylinder/plug	kN	–	–	–	10	15	Pulling force
	Min.	–	–	–	5/10	5/10	Total test time
Torque resistance of cylinder/plug	Nm	–	20	30	30	30	Torque

Requirements for locking cylinders in resistance classes to EN 1627: 2021								
Standard for hardware	Requirement	RC 1/ RC 1N	RC 2N	RC 2	RC 3	RC 4	RC 5	RC 6
Key related security grade to EN 1303		4	4	4	4	6	6	6
Attack resistance class to EN 1303: 2015								
Locking cylinders without standard EN 1906: 2012 – Door hardware with protection against cylinder/plug extraction	Digit 8	A	C	C	C	D	Tested to EN 1630: 2021	BZ
Locking cylinders for locks in combination with standard EN 1906: 2012 – Door hardware with protection against cylinder/plug extraction	Digit 8	A	A	A	A	B	Tested to EN 1630: 2021	BS

Drilling/picking protection

With pins arranged in a single row



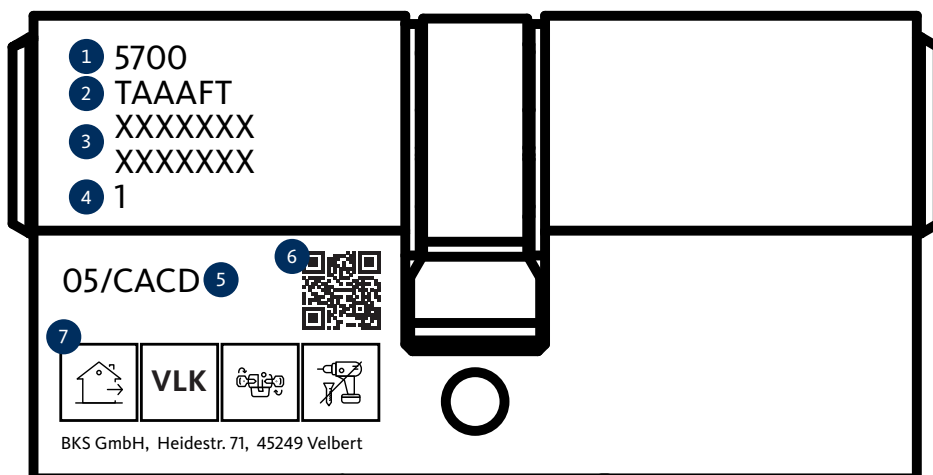
			
Description	BW Resistance to drilling	BS Drilling protection	BZ Drilling/picking protection
Key related security and attack resistance to EN 1303: 2015 and DIN 18252: 2018	6/0 – with 6 pins	6/B – with 6 pins	6/D – with 6 pins
Cylinder systems	belvius, belvius SL, belvius SLX	belvius, belvius SL, belvius SLX	belvius, belvius SL, belvius SLX
Equipment	Drive pin, hardened	Pin pairs, hardened	Pin pairs, hardened Plug reinforcement Body reinforcement
Double cylinder	■	□	□
Double cylinder with emergency function	■	□	□
Double cylinder with freewheel function	■	□	□
Double cylinder with thumbturn	■	□	□
Half cylinder	■	□	□
Half cylinder with freewheel function	■	□	□
Half cylinder with limited rotation	■	□	
Half cylinder with spring-loaded cylinder locking cam	■	□	
Half cylinder with fastening threads	■	□	□
Service cylinders	■	□	□
Switching cylinder	■	□	
Padlock			
Cylinder cam lock	■	□	
Cylinder cam lock with limited rotation	■	□	
Rim cylinder for rim deadlock	■	□	
Inside cylinder for rim deadlock	■	□	
Double cylinder, Swiss round profile			
Double cylinder with emergency function, Swiss round profile			
Half cylinder, Swiss round profile			
Half cylinder with knob, Swiss round profile			
Double cylinder with knob, Swiss round profile			
Cylinder lock for sliding doors			
janus SE cylinder			
ixalo double knob cylinder SE			
ixalo half knob cylinder SE			

■ = Standard □ = Optional















Cylinder labelling

The meaning of the label

So the cylinder can be uniquely identified, relevant information is lasered on to the cylinder body. You can read off the technical specifications of the cylinder from here directly. In addition this ensures traceability and that associated quality assurance steps can be taken. The QR code contains all relevant documents, e.g. installation instructions, certificates and brochures.



- 1 Article type
- 2 Master key system number
- 3 Key biting number (you can freely select this)
- 4 Consecutive number
- 5 Production date
- 6 QR code to access download page for installation material and certificates
- 7 Characteristics of the cylinder represented by icons

Icon	Meaning
	Outside
	Inside
	DIN 18252
	EN 1303
	Resistance to drilling
	Drilling protection (BS)
	Drilling/picking protection (BZ)
	Modular
	Emergency function
	Patent
	VdS
	Picking protection
	Movable copy protection (BWK)
	Concealed copy protection (VLK)

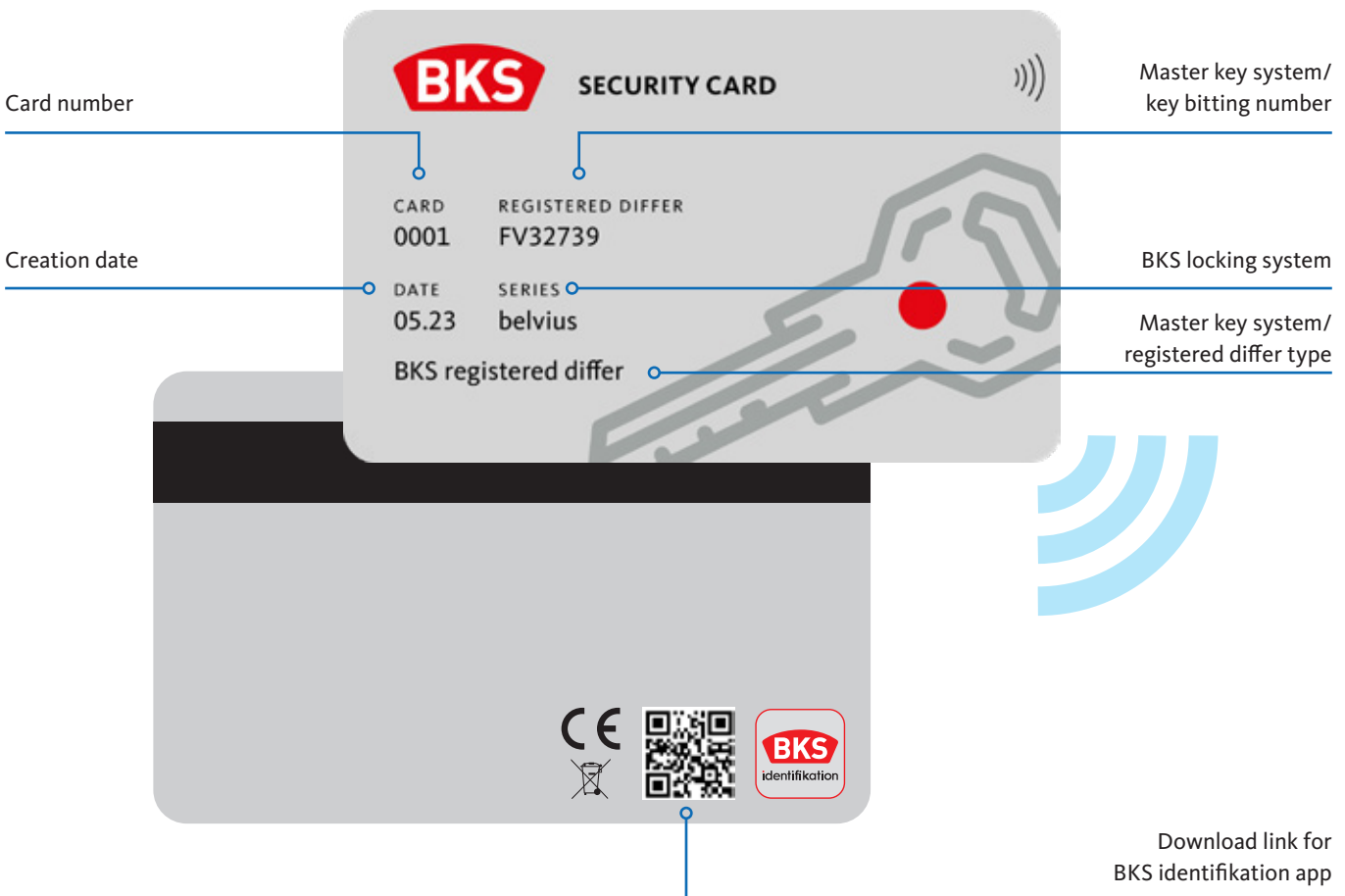
BKS identifikation

BKS security card – new technology, new design

The new hybrid security card complies with cutting edge technological requirements and enables successful, straightforward authentication via the BKS identifikation app. The card has an integrated encryption function, which makes it forgery- and copy-proof. It also contains an RFID chip module and can therefore communicate with your NFC-compatible smartphone.

Benefits of the BKS security card

- Forgery- and copy-proof
- Can be combined with the BKS identifikation app and used anywhere and at any time
- Can still be used with existing magnetic card readers



BKS identifikation app

The new type of authentication for reordering. The BKS identification app makes reordering simpler, less complicated and more secure. All relevant data of the security card are directly stored in the BKS MasterKeySystem (MKS) planning and ordering platform. No additional hardware is required, only an NFC-capable smartphone.

The BKS identification app satisfies the highest security requirements. A patented multi-stage verification process is used between BKS identification and the BKS verification points, in other words MKS. Additional Vds certification completes the security package.

The entire authentication process via BKS identification is anonymous. No personal data needs to be entered.

Advantages of BKS identifikation app

- Transfer of relevant data from the security card directly to MKS
- No additional hardware
- No need to store security cards
- Highest security standard (Vds certification)
- Anonymous verification without providing personal data
- Flexible, convenient and time-saving
- Identification via the NFC function of the smartphone without changing media
- Hygienically safe
- Replaces the mobile card reader



identifikation

Authentication for reordering keys and cylinders via app!





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Securing technology for you

