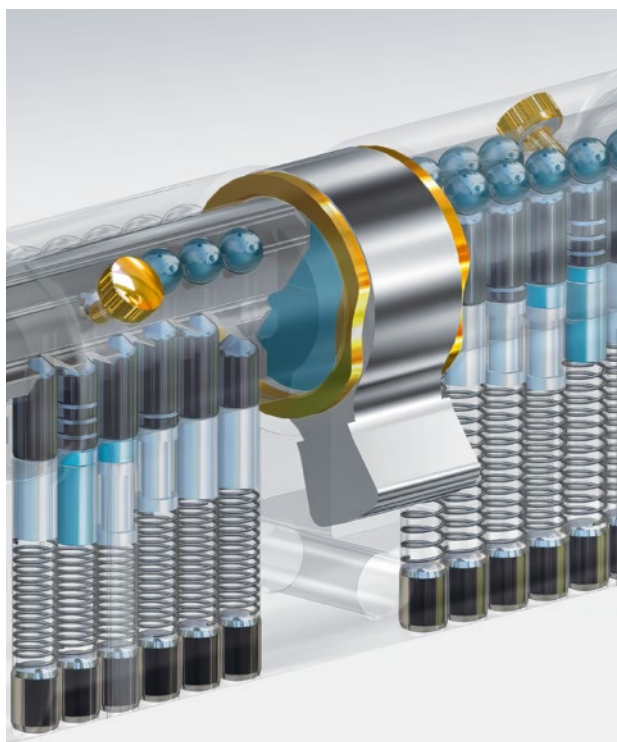


Profile cylinders



EN 1303:2015-07 Standard

1 Category of use

1 low probability of misuse

2 Durability

- 4 25 000 cycles
- 5 50 000 cycles
- 6 100 000 cycles

3 Door mass

0 no requirement

4 Fire resistance

- 0 not approved for use on fire resistant/smoke control door assemblies
- A suitable for use on smoke control door assemblies
- B suitable for use on fire resistant and smoke control doors

1 6 0 B 0 C 6 D C

5 Safety

0 no requirement

6 Corrosion and temperature resistance

- 0 no corrosion requirement, no temperature requirement
- A high corrosion resistance, no temperature requirement
- B no corrosion requirement, temperature requirement: from -25°C to +65°C
- C high corrosion resistance, temperature requirement: from -25°C to +65°C

8 Attack resistance

- 0 no resistance to drilling and mechanical attack
- A 3/5 minutes of drilling resistance, mechanical attack resistance, no plug extraction resistance
- B 5/10 minutes of drilling resistance, mechanical attack resistance, no plug extraction resistance
- C 3/5 minutes of drilling resistance, mechanical attack resistance, plug extraction resistance
- D 5/10 minutes of drilling resistance, mechanical attack resistance, plug extraction resistance

7 Key related security

Grade	Min. number of effective differs	Min. number of movable retainers	Max. number of identical steps	Direct coding on key	Torque resistance of plug/cylinder
1	100	2	100%	yes	2,5 Nm
2	3 000	3	70%	yes	5 Nm
3	15 000	5	60%	no	15 Nm
4	30 000	5	60%	no	15 Nm
5	30 000	6	60%	no	15 Nm
6	100 000	6	50%	no	15 Nm

9 Additional test

Burglary resistance according to WQ-ITB-B/2020

- no requirements
- A low
- B average
- C high



Pictograms



keys duplication in Authorized Services based on the card



3 keys



drilling protection



emergency exit function



keyed alike system



FZG function



seawater protection



steel insert counteracts
attempts to tear cylinder off



profile cylinder with cog cam



special design MULTIKOD



suitable for use on fire resistant and
smoke control doors



legal protection



anti-picking enhanced security
against unauthorized opening



special design MODULAR



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BURGLAR-PROOF MARK CERTIFICATE
No WO-ITB-8/2020

It has been stated that:

Six-cavity profile lock cylinders WILKA

Classification according to the ITB Criteria no KW/WQ-02

Type	Instruction	CS
1400A, 1405A, 1410A, 1463A, 1468A, 1468B - profile S150		
1400B, 1405B, 1410B, 1463B, 1468B, 1468B - profile S150		
1400C, 1405C, 1410C, 1463C, 1468C, 1468C - profile W230, K423, 1A1, 1A2, 1B6, 1B123, 1B456, 1B1-4		
3600B, 3605B, 3610B, 3648B, 3608B - profile S151		
1400C PR, 1405C PR, 1406C PR, 1406C PR - profiles PR130, PR135, PR138, V40		

Five-cavity profile lock cylinders WILKA

Classification according to the ITB Criteria no KW/WQ-02

Type	Instruction	CS
1407B, 1481B, 1483B, 1484B, 1488B - profiles W230, K423, S150		

produced and placed on the market by:

Wilka Polska Sp. z o.o.
 ul. Spółdzielcza 45
 64-100 Leszno
 Poland

in the factory:

Wilka Polska Sp. z o.o.
 ul. Spółdzielcza 45
 64-100 Leszno
 Poland

fulfill the requirements described in:

ITB Technical Criteria no KW/WQ-02, edition 2, September 201

The manufacturer has implemented a factory production control and carries out further testing of a type of the product in accordance with a prescribed test plan.

The Certification Department of ITB has performed the initial type-testing and the initial inspection of a type of the factory production control and performs the continuous surveillance, assessment of the factory production control.

This certificate is a voluntary document. Voluntary certification process has been performed the Certification Scheme PC-03 - type 4 scheme as defined in PN-EN ISO/IEC 17067.

The certificate no. WO-ITB-8/2020 was issued for the first time on 20.03.2020. This certificate may only to the products that fulfil the requirements of the reference document. This certificate is valid for products that are not modified significantly, the product type, the manufacturing plant and the conditions of the factory production control.

HEAD
of the Certification Department



Katarzyna Habowska, M.Sc. Eng.

DEPUTY DIRECTOR
of Instytut Techniki Budowlanej



Anna Panek, M.Sc. Eng.

Warsaw, 20.03.2020

The validity of this certificate can be authenticated at cert@itb.pl

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3600B, 3605B, 3610B, 3648B, 3608B - profile S151		
1400C PR, 1405C PR, 1406C PR, 1406C PR - profiles PR130, PR135, PR138, V40		

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1400C, 1405C, 1410C, 1463C, 1468C, 1468C - profile W230, K423, 1A1, 1A2, 1B6, 1B123, 1		

Class A

According to EN 1303:2015

- Highest level of key code security - 6
- Highest durability 6 - 100 000 cycles
- Highest level of corrosion resistance - C
- Approved for use in fireproof doors - B
- WQ-ITB burglary resistance class - A

STANDARD



SPECIAL

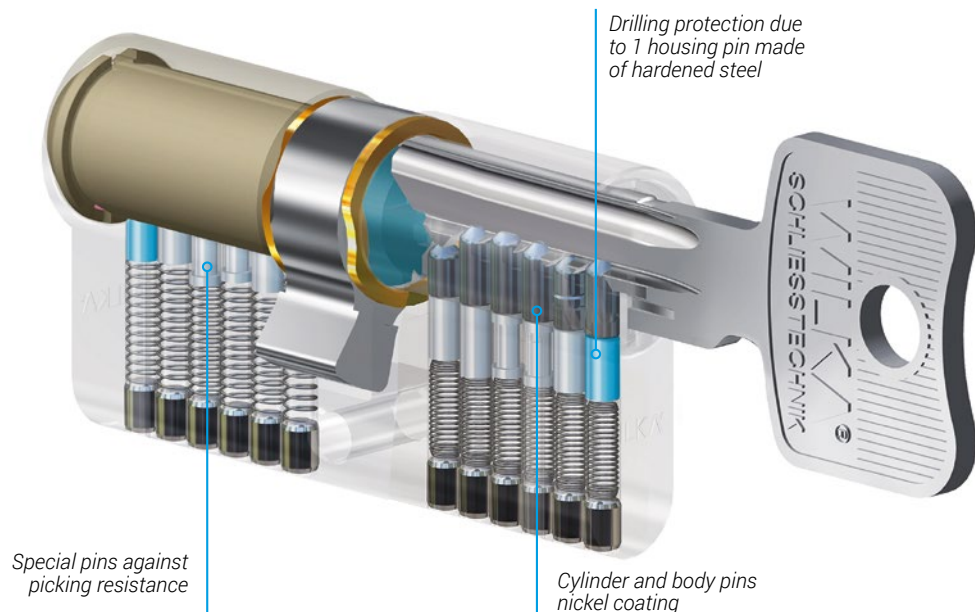
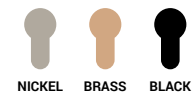


Technical details

- 6 pin tumblers (from 30 mm)
- 5 pin tumblers in short cylinders (26,5 mm)
- Stainless steel springs
- Sintered steel cam
- Ball-shaped cylinder core acting as accurate key guid
- Extended keys design for use with common security fittings
- Coded keys



COLOURS



WILKA

Class B

According to EN 1303:2015

- Highest level of key code security - 6
- Highest level of attack resistance - D
- Highest durability 6 - 100 000 cycles
- Highest level of corrosion resistance - C
- Approved for use in fireproof doors - B
- WQ-ITB burglary resistance class - B

STANDARD



SPECIAL



Technical details

- 6 pin tumblers (from 30 mm)
- 5 pin tumblers in short cylinders (26,5 mm)
- Stainless steel springs
- Sintered steel cam
- Ball-shaped cylinder core acting as accurate key guide
- Extended keys design for use with common security fittings
- Coded keys



COLOURS



NICKEL



BRASS



BLACK

Special pins against picking resistance

Drilling protection in the core, two hardened and nickel-plated steel pins

Drilling protection in the body, two hardened and nickel-plated steel pins

Cylinder and body pins nickel coating

Drilling protection due to 1 housing pin made of hardened steel



WILKA

1.6.0.B.0.C.6.D

Class B EN 1303:2015

Class B3600

According to EN 1303:2015

- Highest level of key code security - 6
- Highest level of attack resistance - D
- Highest durability 6 - 100 000 cycles
- Highest level of corrosion resistance - C
- Approved for use in fireproof doors - B
- WQ-ITB burglary resistance class - B

STANDARD



SPECIAL



Technical details

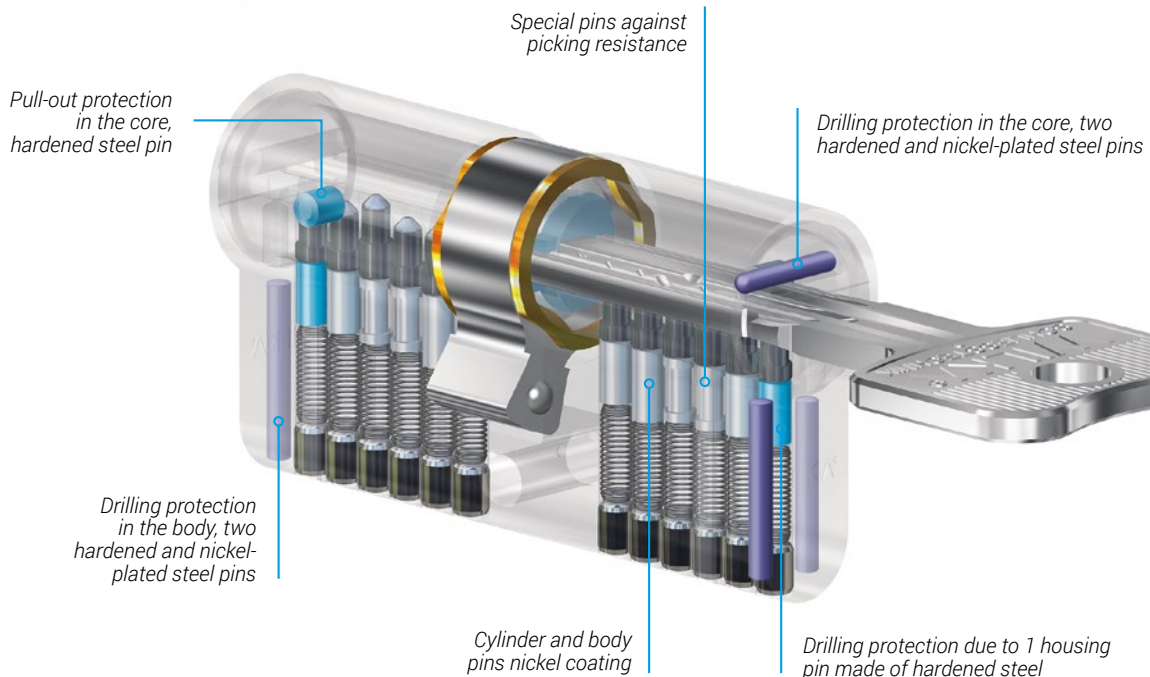
- 6 pin tumblers (from 30 mm)
- 5 pin tumblers in short cylinders (26,5 mm)
- Stainless steel springs
- Sintered steel cam
- Ball-shaped cylinder core acting as accurate key guide
- Extended keys design for use with common security fittings
- Coded keys



COLOURS



NICKEL



WILKA

1.6.0.B.0.C.6.D

Class B3600 EN 1303:2015

Class C

According to EN 1303:2015

- Highest level of key code security - 6
- Highest level of attack resistance - D
- Highest durability 6 - 100 000 cycles
- Highest level of corrosion resistance - C
- Approved for use in fireproof doors - B
- WQ-ITB burglary resistance class - C



Technical details

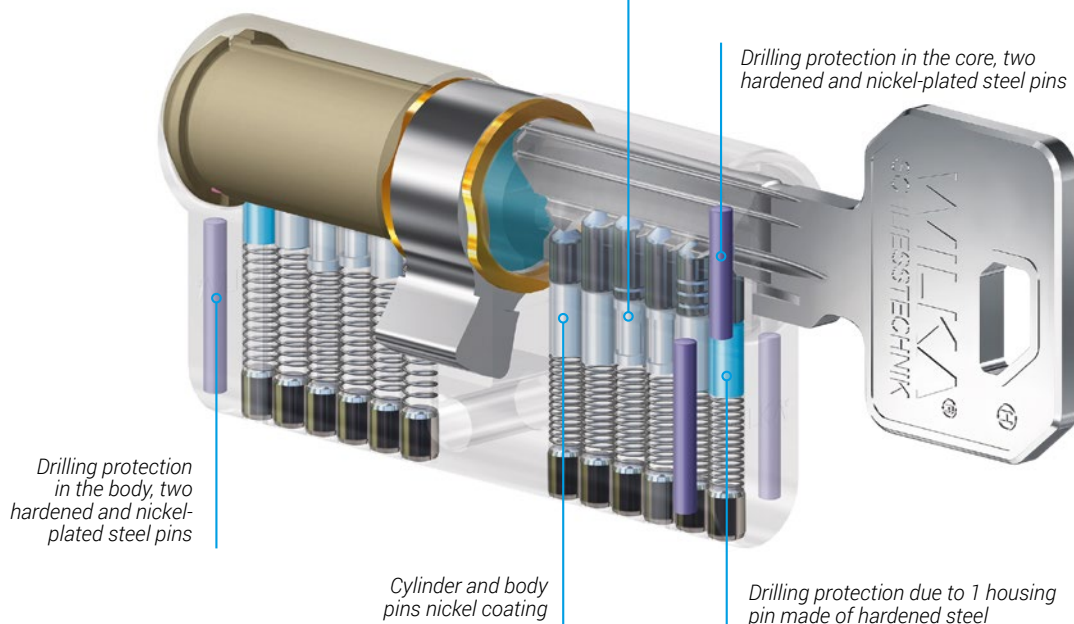
- 6 pin tumblers (from 30 mm)
- 5 pin tumblers in short cylinders (26,5 mm)
- Stainless steel springs
- Sintered steel cam
- Paracentric keyway against unauthorized opening with lock picking tools
- Stainless steel springs
- Sintered steel cam
- Ball-shaped cylinder core acting as accurate key guide
- Extended keys design for use with common security fittings
- Key duplication at Authorized Services only on the basis of a security card
- Coded keys with a special protected profile



COLOURS



Special pins against picking resistance



Class C Premium

According to EN 1303:2015

- Highest level of key code security - 6
- Highest level of attack resistance - D
- Highest durability 6 - 100 000 cycles
- Highest level of corrosion resistance - C
- Approved for use in fireproof doors - B
- WQ-ITB burglary resistance class - C

STANDARD



SPECIAL



Technical details

- 6 pin tumblers (from 30 mm)
- 5 pin tumblers in short cylinders (26,5 mm)
- Cylinder and body pins nickel coating
- Stainless steel springs
- Sintered steel cam
- Ball-shaped cylinder core acting as accurate key guide
- Paracentric keyway against unauthorized opening with lock picking tools
- Extended keys design for use with common security fittings
- Coded keys with a special protected profile and PROTECTOR
- Key duplication at Authorized Services only on the basis of a security card



COLOURS



3 additional profile control elements

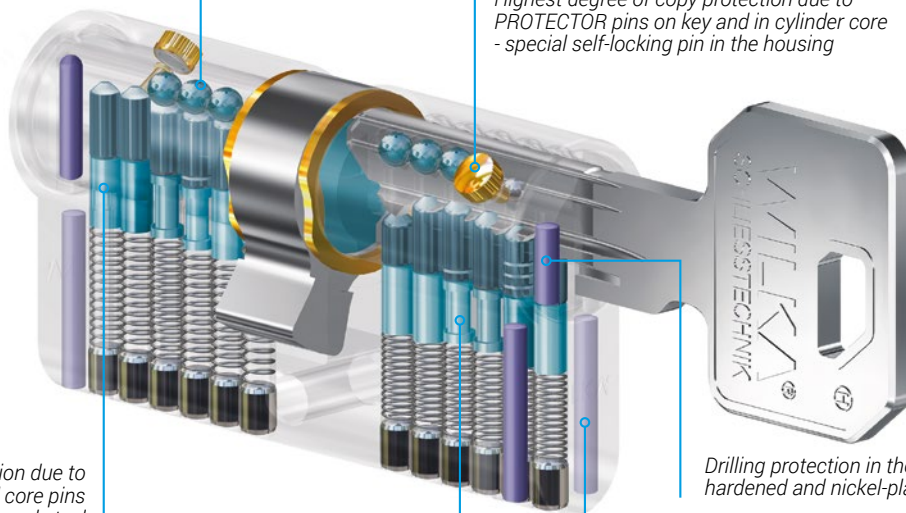
Highest degree of copy protection due to PROTECTOR pins on key and in cylinder core - special self-locking pin in the housing

Drilling protection due to all housing and core pins made of hardened steel

Special pins against picking resistance

Drilling protection in the body, two hardened and nickel-plated steel pins

Drilling protection in the core, two hardened and nickel-plated steel pins



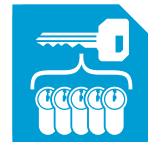
WILKA

1.6.0.B.0.C.6.D

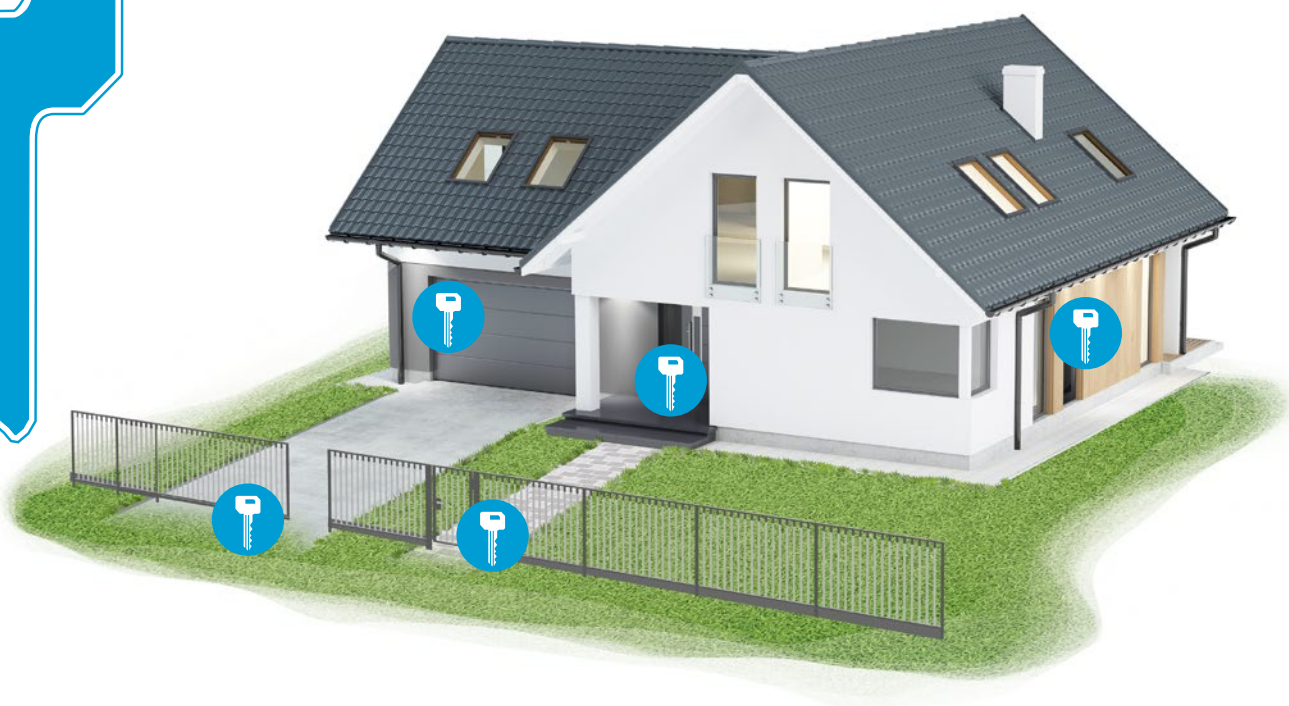
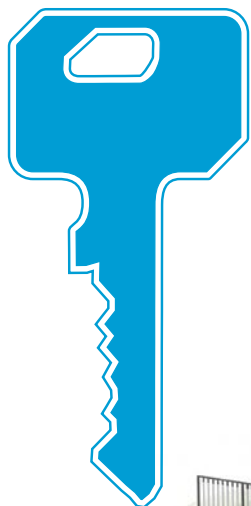
Class C Premium EN 1303:2015

Keyed Alike system

The entire house with one key



A solution that allows you to open all locks in a house, small business, office, or other facility with a single key. Identical coding allows for the integration of various doors, gates, padlock boxes, or mail boxes into a simple system.



Benefits of using Keyed Alike system:

Convenience – replacing an inconvenient bunch of keys with a single key that opens all rooms. One key replaces several, a dozen, or even dozens of the keys previously used. Thus, the number of functioning keys is limited to the necessary minimum, which streamlines internal communication within the facility and eliminates the need to store spare keys.

Flexibility – the ability to expand with new locks and recode the system (e.g., to adapt to new needs or in case of a lost key).

Savings – saving time, improving communication and organisation.

Universality – the system is tailored to the individual needs of the user.

Safety – the key in this system allows for quick access to all rooms in emergency situations (e.g., fire, evacuation).

Versatility – within a single system, various types of locks can work together: double profile cylinder, half profile cylinders, electronic cylinders, padlocks, surface-mounted locks, cassette locks. This allows for the use of systems in facilities of diverse nature, ranging from single-family and multi-family homes to companies and public utility buildings.

Certifications – depending on the needs, the system can be made based on cylinder inserts of classes – A, B, C, and C Premium

Controlled key duplication – the duplication of additional keys for C and C Premium class cylinders is carried out each time based on the Security Card exclusively within the network of Authorised Key Services.

Profile cylinder with automatic re-coding function 2+3

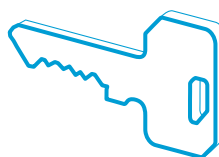
The MULTIKOD automatic recoding function works great during the construction of new facilities, renovations, and everyday use.

Ideal when the investor wants to grant access to the facility to contractors performing finishing work. After the construction is completed, the cylinder is rekeyed and the new keys are given to the tenants and owners.

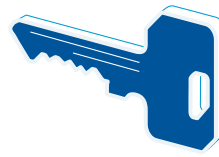
The keys used by the contractors are already inactive by then.

Advantages

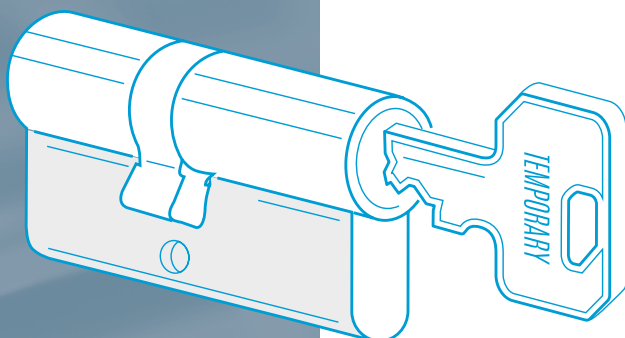
- Instant rekeying of the cylinder without the need for replacement in case of key loss
- Reprogramming after the completion of construction work
- Facilitation in organising access to the building
- Savings, thanks to the continued use of the same cylinder after the construction is completed
- or in case of losing the key
- Additional keys can be ordered upon presentation of the Security Card – class C.
- All types of cylinders according to EN 1303:2015-07 are available
- Available in all security classes A, B, C



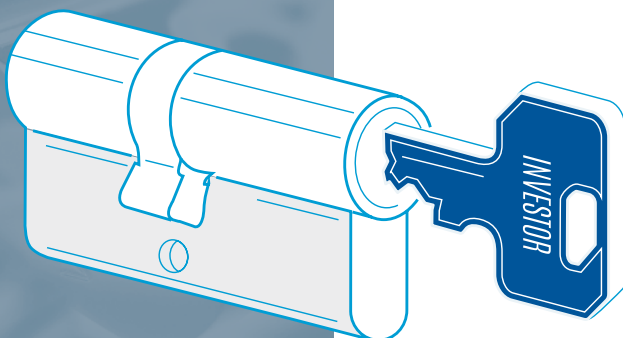
temporary key - A



investor key - B



Recoding profile cylinder upon use of the **Key B**

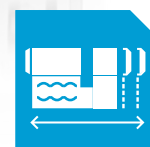


Using key B eliminates key A



Modular

A few elements, but so many possibilities



This solution allows you to quickly and manually build an profile cylinder of the required size. It is extremely helpful in emergency situations, when the length of the insert is not known or when building Master Key systems and Keyed Alike systems.

Benefits of working with MODULAR

Wide application - the ability to build different types and lengths of profile cylinders

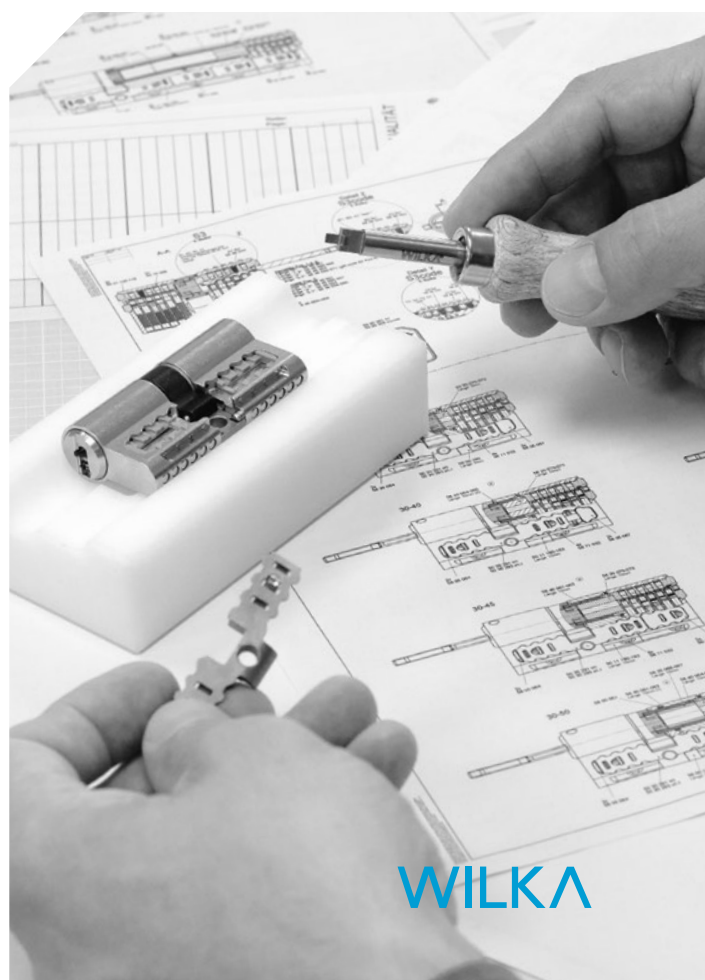
Flexibility - depending on the needs, the profile cylinders can be made at different levels of key protection and in different profiles - S150, K423, PR130, individual and system profiles CARAT and SINUS.

Protection - the construction is based on steel bridges, which ensure high resistance of the inserts to breaking.

Technical data:

- Basic length of the base 30/30 mm
- Extension in 5 mm increments
- Maximum profile cylinder length 90/90 mm

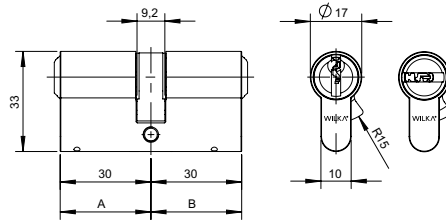
COLOURS



WILKA

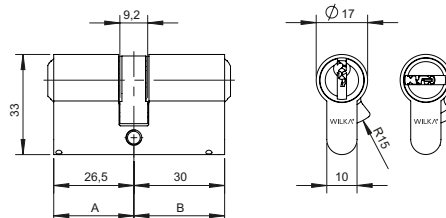
Profile cylinder types

1400/3600 Double cylinder



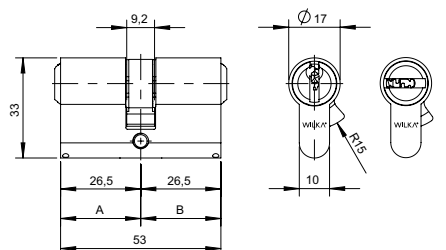
- Extension in steps of 5 mm
- Maximum length A = 90 mm
- Maximum length B = 90 mm
- Maximum total length: 180 mm
- Length A and B can be combined arbitrarily

1481/3681 Double cylinder - asymmetric



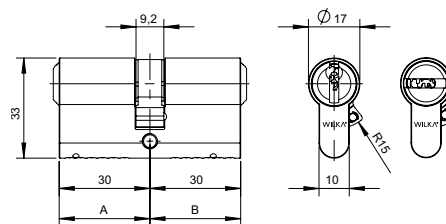
- Length A = 26,5 mm
- Length B from 30 mm prolongable in steps of 5 mm
- Maximum length B = 60 mm
- Maximum total length: 86,5 mm

1488/3688 Double cylinder - short



- Length A: 26,5 mm
- Length B: 26,5 mm
- Total length: 53 mm

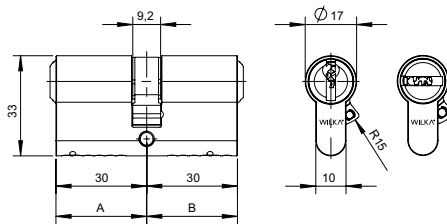
1463/3663 Double cylinder with emergency exit function



Function: Cylinder will operate even if a key has been left in the cylinder on the opposite side.

- Extension in steps of 5 mm
- Maximum length A = 90 mm
- Maximum length B = 90 mm
- Maximum total length: 180 mm
- Length A and B can be combined arbitrarily

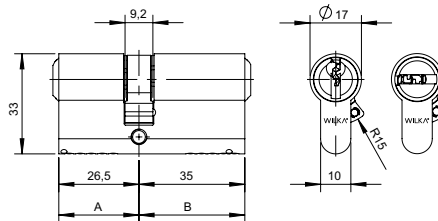
1408/3608 Double cylinder free-wheel „FZG“



Function: With free-wheel function for transmission locks

- Extension in steps of 5 mm
- Maximum length A = 90 mm
- Maximum length B = 90 mm
- Maximum total length: 180 mm
- Length A and B can be combined arbitrarily

1483/3683 Double cylinder with emergency function asymmetric



Function: Cylinder will operate even if a key has been left in the cylinder on the opposite side

- Length A = 26,5 mm
- Length B from 35 mm prolongable in steps of 5 mm
- Maximum length B = 60 mm
- Maximum total length: 86,5 mm

1402 Blind cylinder



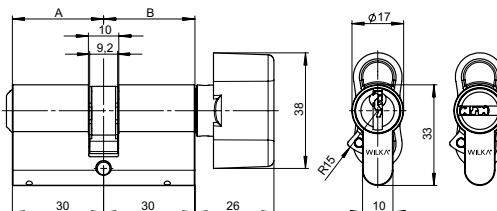
resistant type

standard type

Function: for plugging the hole after the cylinder

- Individually adjustable length
- for doors from 45 to 125 mm thick (33 - 45 mm)

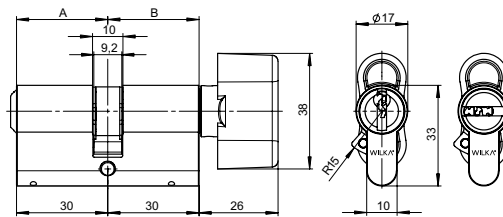
1405/3605 Knob cylinder



- Extension in steps of 5 mm
- Maximum length A = 90 mm
- Maximum length B = 90 mm
- Maximum total length: 180 mm
- Length A and B can be combined arbitrarily

Profile cylinder types

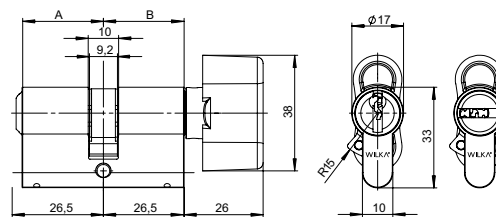
1406/3606 Knob cylinder free-wheel „FZG”



Function: With free-wheel function for transmission locks

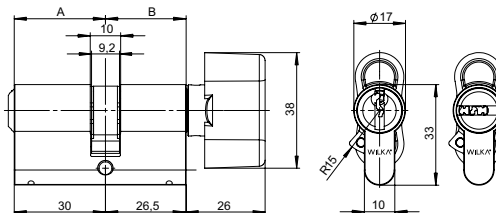
- Extension in steps of 5 mm
- Maximum length A = 90 mm
- Maximum length B = 90 mm
- Maximum total length: 180 mm
- Length A and B can be combined arbitrarily

1407/3607 Knob cylinder - short



- Length A: 26,5 mm
- Length B: 26,5 mm
- Total length: 53 mm

1484/3684 Knob cylinder - asymmetric



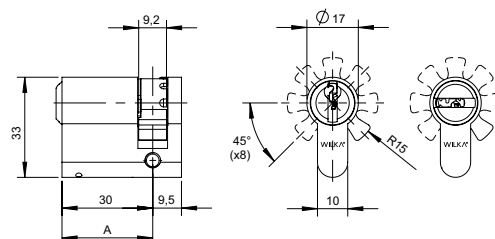
Knob – long side

- Length A = 26,5 mm
- Length B from 30 mm prolongable in steps of 5 mm
- Maximum length B = 60 mm
- Maximum total length: 86,5 mm

Knob – short side

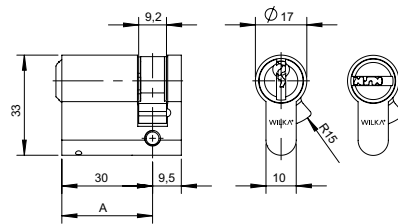
- Length B = 26,5 mm
- Length A from 30 mm, prolongable in steps of 5 mm
- Maximum length A = 60 mm
- Maximum total length: 86,5 mm

1410/3610 Half cylinder



- Adjustable in 8 ways in steps of 45°
- Length A from 26,5 mm, from 30 mm prolongable in steps of 5 mm
- Maximum length A = 90 mm

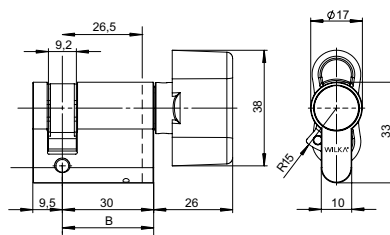
1312/3612 Half cylinder free-wheel „FZG”



Function: With free-wheel function for transmission locks

- Length A from 30 mm
prolongable in steps of 5 mm
- Maximum length A = 90 mm

1413 Half cylinder with knob



- Length B from 26,5 mm, from 30 mm
prolongable in steps of 5 mm
- Maximum length B = 90 mm

Knob types



E1 - Satin

8105/000015



E1 - Black

8105/000017



E1 - F4

8105/000019



O1 - Satin

8105/000004



O1 - F4

8105/000008



O1 - Black

8105/000018

Key blanks



S150

S150/000027



S150

S150/000001



S150

S150/000005



S152

S152/000001



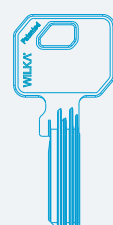
W101

S211/000007



ZL53

S211/000001



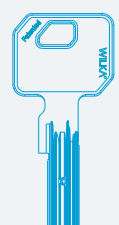
W235

S261/000008



K423

S261/000010



PR130

S600/000002

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