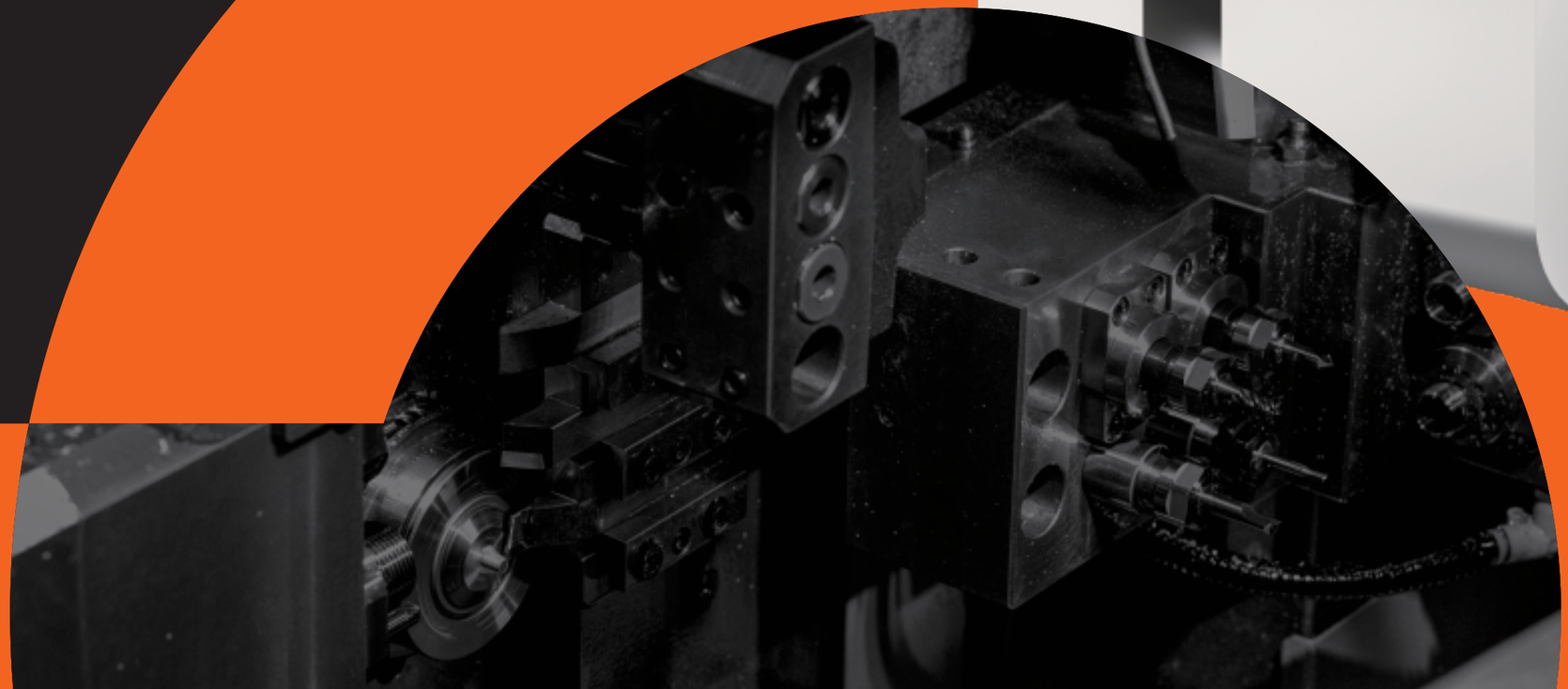
Company: Zhongshan City EOS Secure Products Co., Ltd.
Email: winny@eos-secure.com
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Add: No.29 Ronghua South Road, Xiaolan Town,
Zhongshan City, Guangdong Province, China

2026 CATALOGUE

Patent Technology Security Lock Cylinders
MANUFACTURER

www.eoslockingsystem.com







ABOUT EOSYS

EOSYS is a high-precision lock cylinder manufacturer established in 2013, specializing in patented security cylinders and advanced lock cylinder solutions. As one of China's Top 3 high-precision CNC lock cylinder manufacturers, EOSYS integrates precision engineering, strong R&D capability, and strict quality control systems.

Equipped with over 50 imported Japanese TSUGAMI CNC Swiss-type machines, we achieve machining tolerances of ±0.01mm. Complex components are completed in a single process, reducing cumulative tolerance errors and ensuring superior product consistency and durability.

Innovation drives our growth. EOSYS holds over 100 domestic and international patents, including EU invention patent EP4411093B1 and multiple WIPO PCT technologies. Continuous annual R&D investment enables us to introduce new patented solutions each year.

Our 7,000m² facility employs 200 skilled staff and operates under ISO9001 and ISO14001 systems. An in-house laboratory capable of EN1303 testing and a 10-member quality team ensure strict inspection from raw material to final assembly.

Trusted by leading brands such as Xiaomi, Huawei, and Allegion, EOSYS provides flexible OEM/ODM solutions for global markets including Europe, North America, the Middle East, and Southeast Asia.

Precision. Innovation. Reliability.

2013
Years We Started

50+
TSUGAMI CNC Machines

100+
Global Patents

5+
Full-Time R&D Engineers

±0.01mm
Machining Tolerance

7000m²
Production Facility

¥100M+
Anual Export Amount

5+
New Patents Per Year

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±0.01mmMachining Tolerance 6
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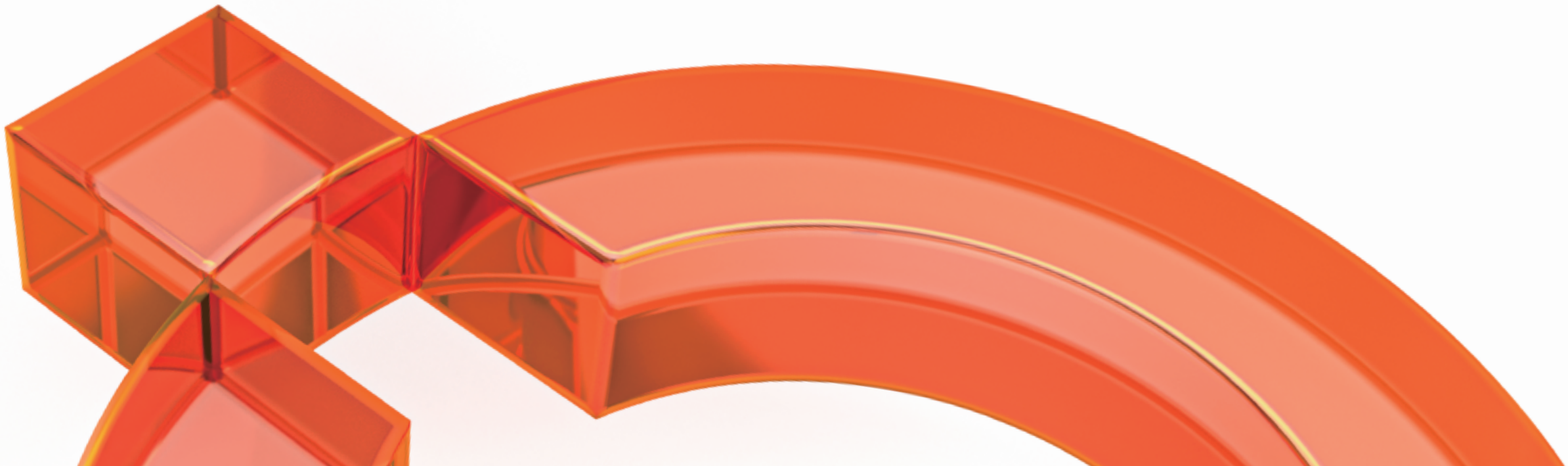
Master Key System Cylinder 57

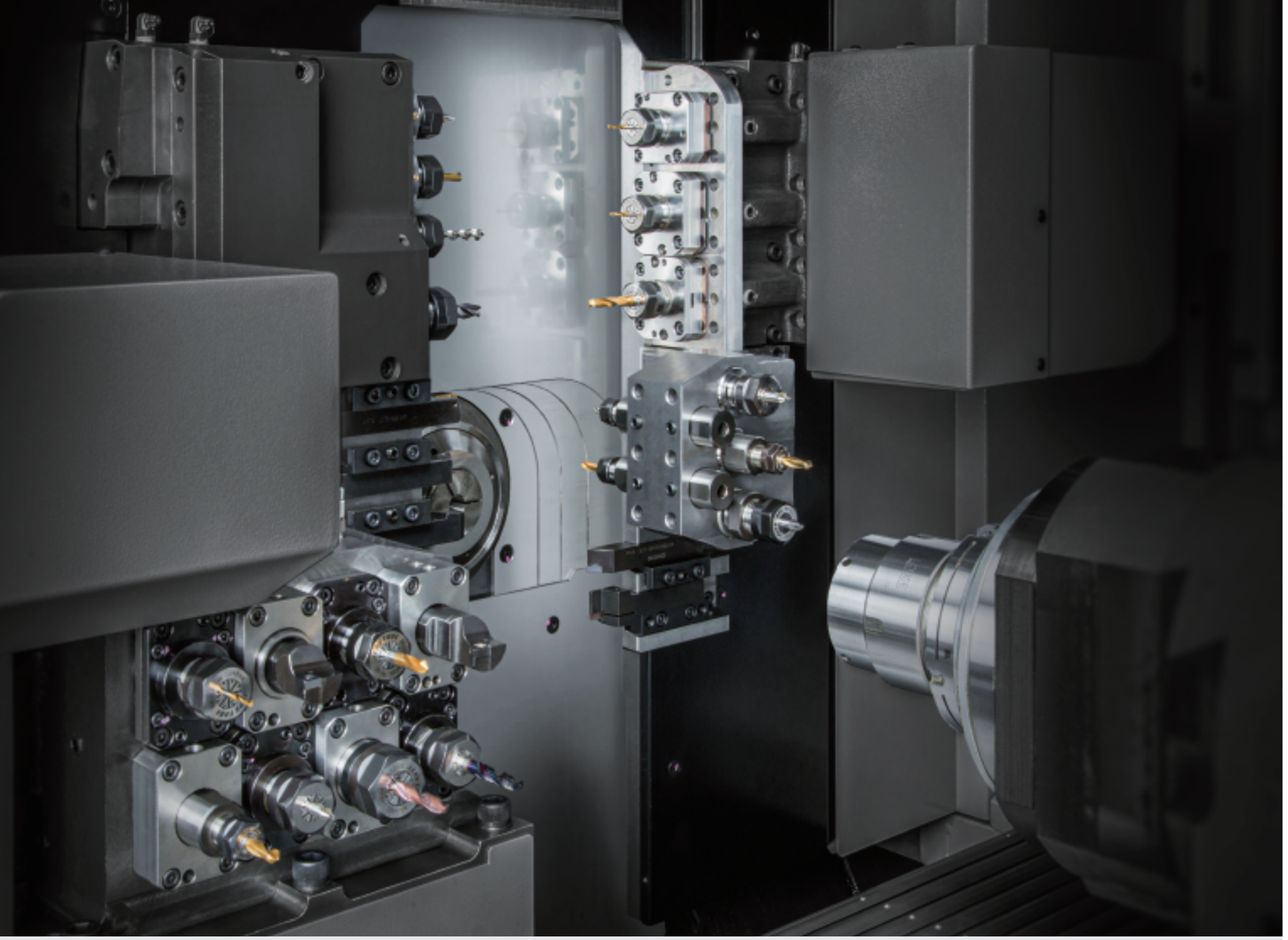
American Standard Cylinder 77

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±0.01mm
Machining Tolerance

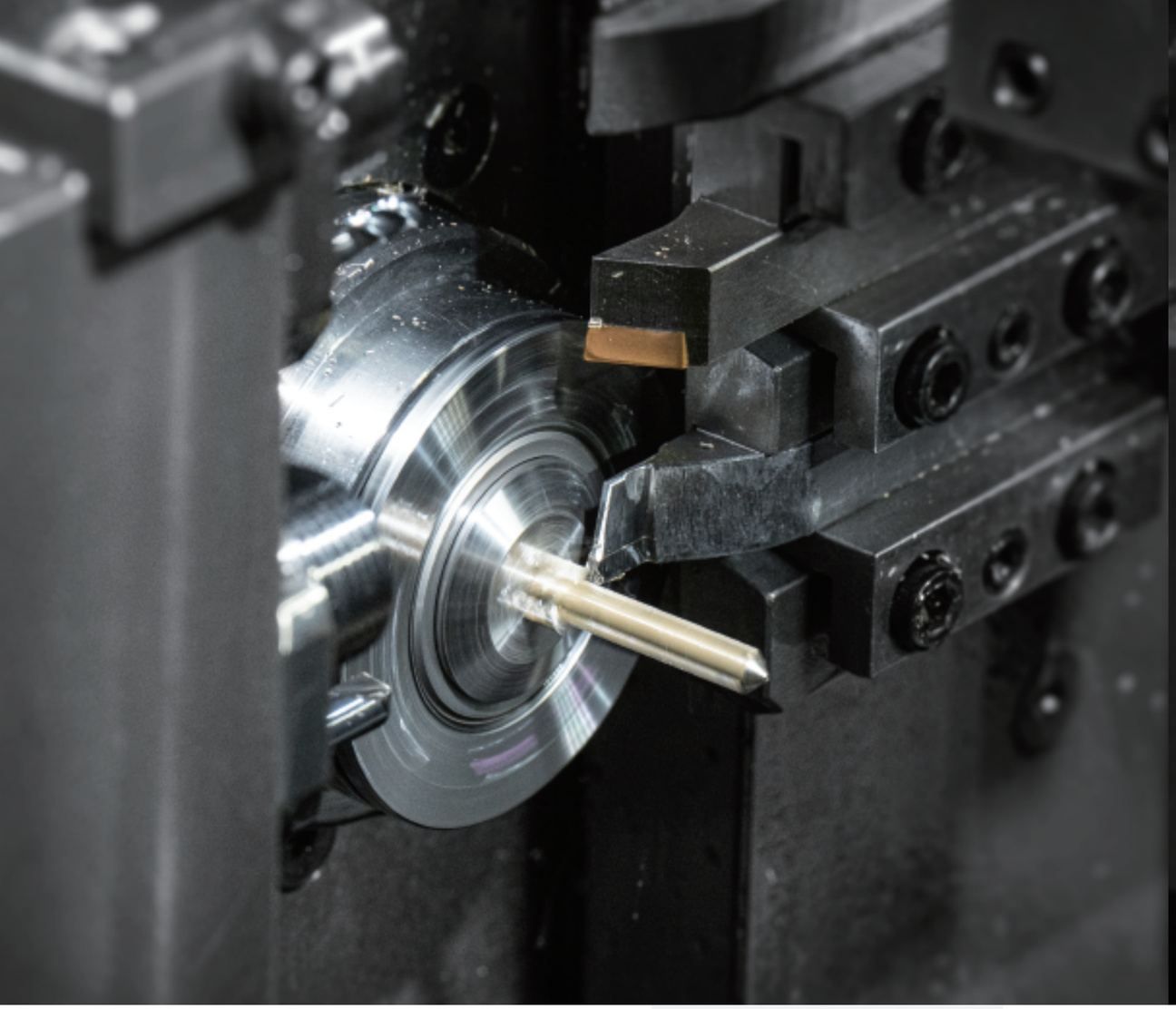
- Higher dimensional consistency across every batch
- Smoother mechanical performance and key operation
- Superior durability and long-term stability
- Single-process machining reduces error accumulation

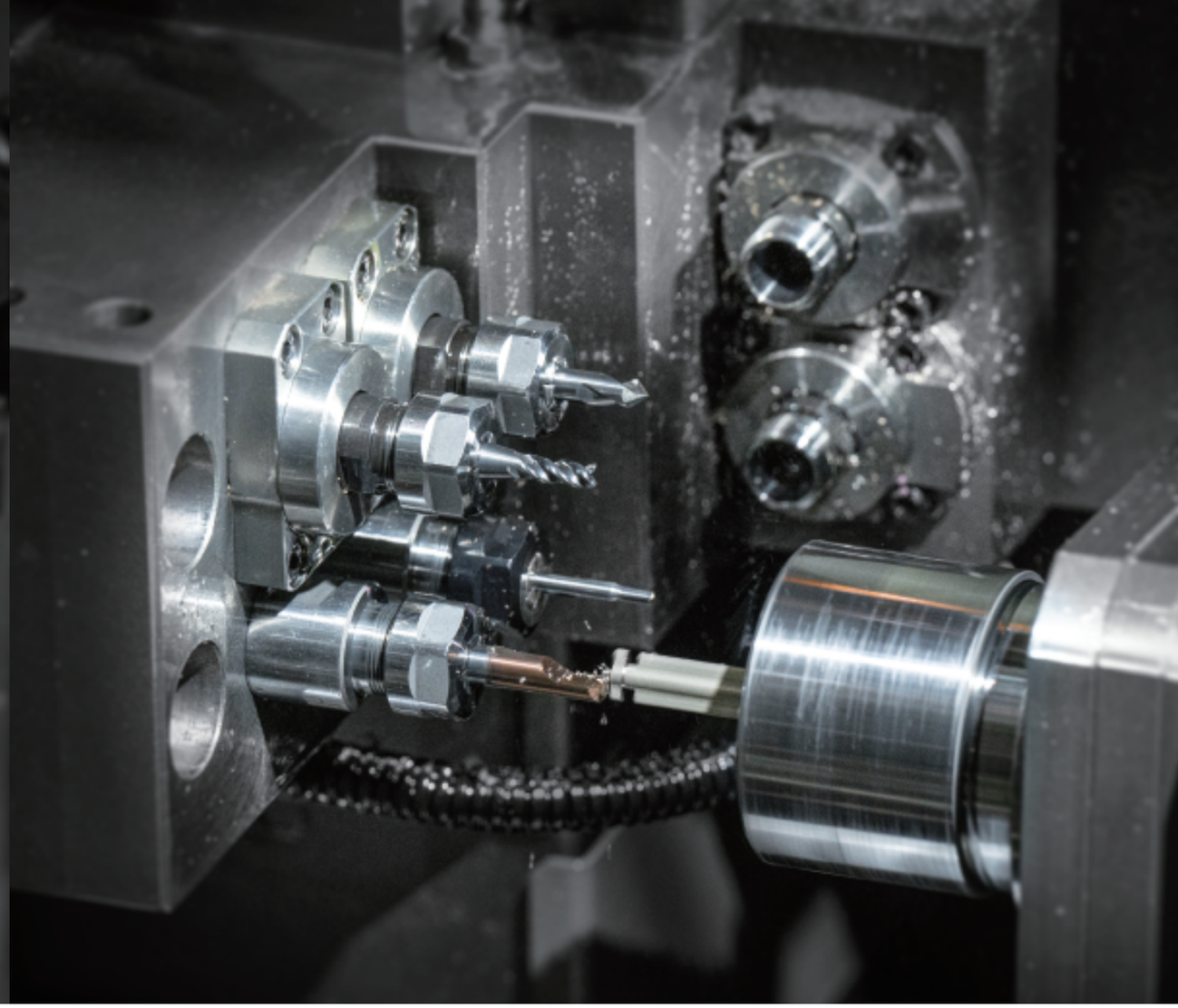
Precision Manufacturing Excellence

EOSYS operates more than 50 imported Japanese TSUGAMI CNC Swiss-type machines, achieving machining tolerances of ±0.01mm. Complex components can be completed in a single process, minimizing cumulative tolerance errors commonly caused by multi-machine processing.

TSUGAMI CNC Machines **50+**

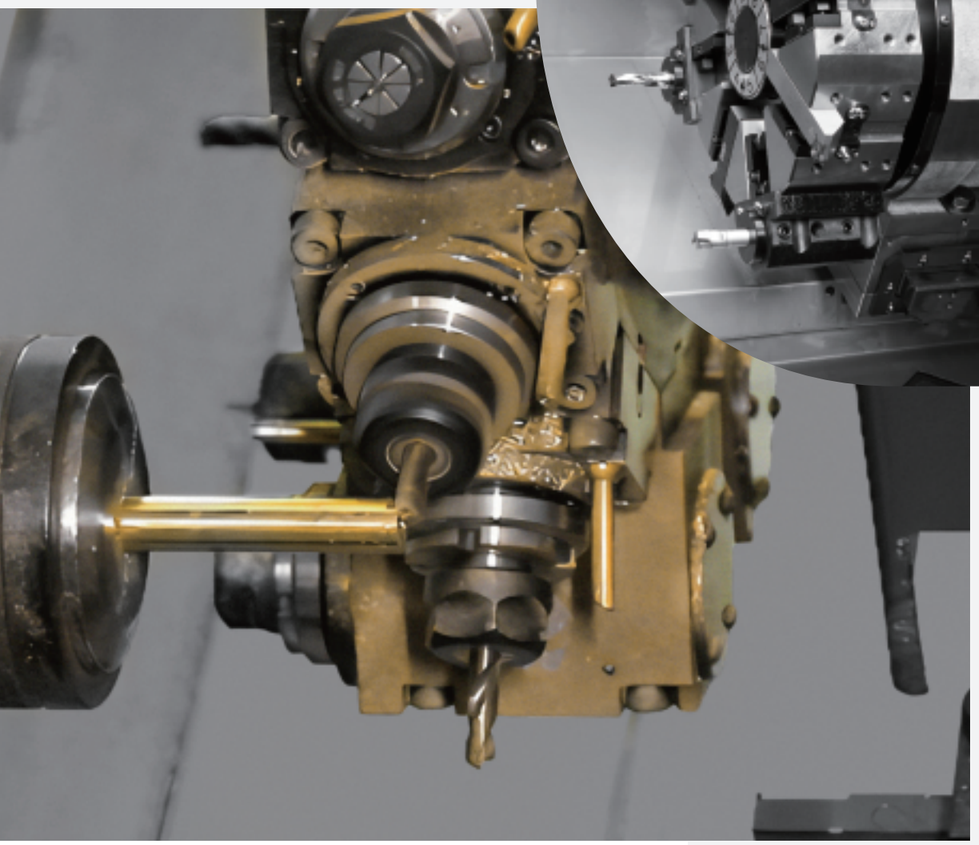






Tsugami CNC Swiss-type Automatic Lathe Machines

- Controlling the machining tolerance within 0.01mm
- Produce high precision and complicated products
- Quick response sampling service
- Quick mass production machining speed
- Low MOQ requirement

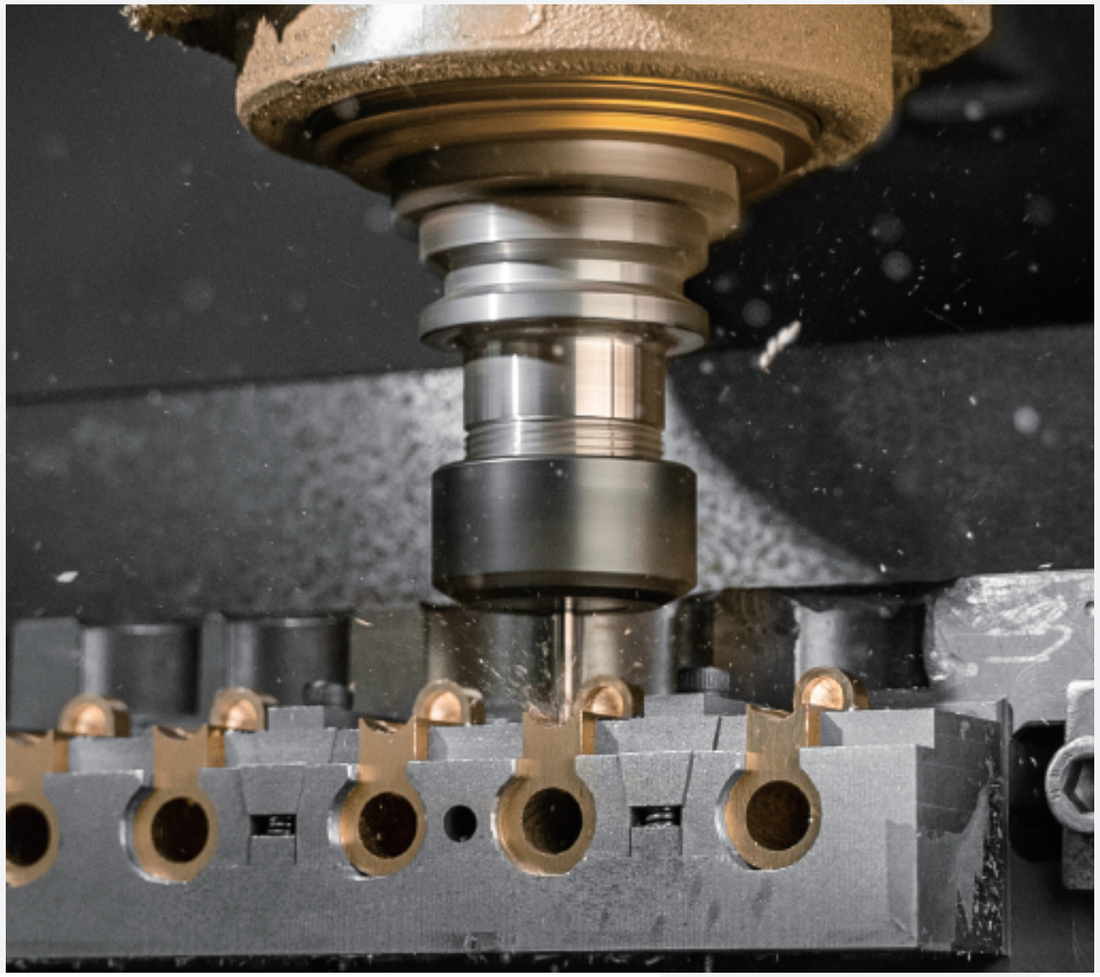




- Controlling the machining tolerance within 0.02mm
- Customize high precision complicated lock cylinders
- Quick response sampling service
- Low MOQ requirement

CNC Lathing-Turning-Milling-Drilling Machines

Precision Manufacturing Excellence



CNC 4-Axis Machining Centers

Precision Manufacturing Excellence

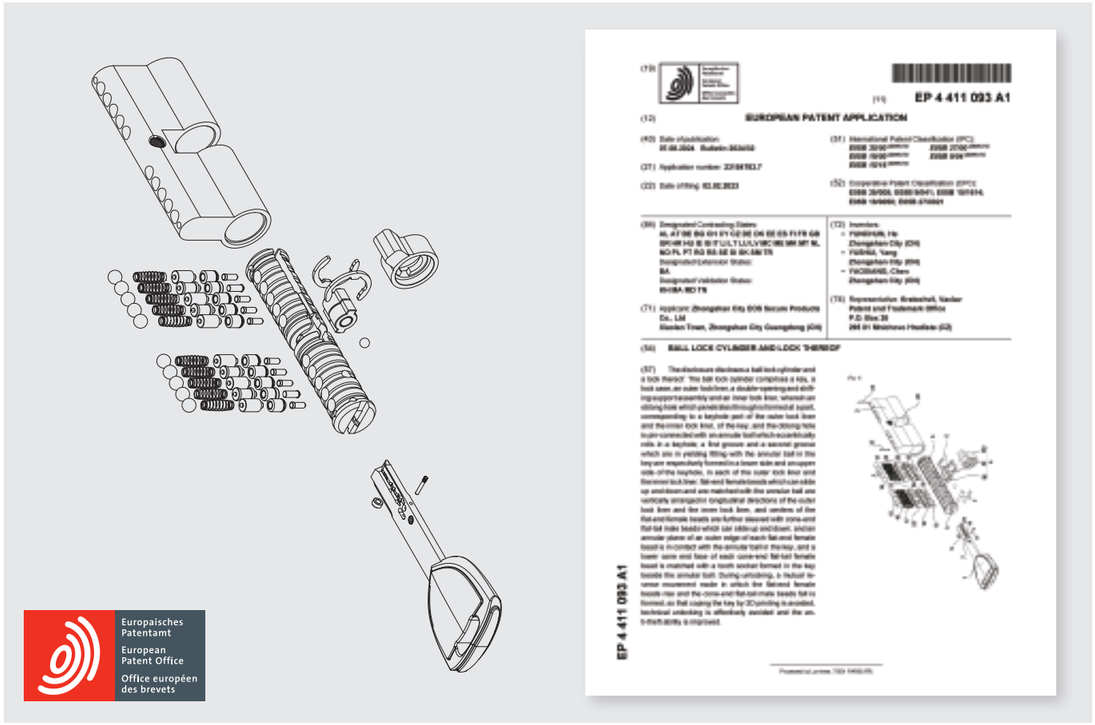
- Controlling the machining tolerance within 0.02mm
- Produce high precision and complicated products
- Quick response sampling service
- Quick mass production machining speed
- Low MOQ requirement



CNC Automatic Robot Arm Lathing Machines

Precision Manufacturing Excellence

- CNC lathing and drilling in one catch
- Controlling the machining tolerance within 0.03mm
- Quantities of machines: 6 sets



INNOVATION

Strong Patent & R&D Capability

Innovation is at the core of EOSYS. With a dedicated team of R&D engineers and a relentless focus on security technology advancement, we develop new patented products every year to meet evolving market demands.

- Market-driven new product development annually
- 3-5 custom-developed products per year based on client
- requirements
- Continuous optimization of machinery for efficiency, cost, and
- precision
- Numerous Chinese invention patents & WIPO PCT protections

5+
New Patents Per Year

100+
Patents Worldwide

5+
Full-Time R&D Engineers

WIPO
PCT Protected

Featured Patent: EU Invention Patent EP4411093B1 -- representing our commitment to advancing global security cylinder technology.



Our R&D department comprises 5 full-time engineers with deep expertise in mechanical security, CNC machining, and product certification. They work in close collaboration with our sales team, who regularly visit clients to gather firsthand market intelligence.

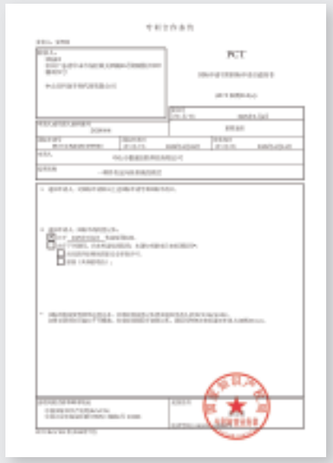
INTELLECTUAL PROPERTY

100+ Patents Protecting Innovation

Our extensive patent portfolio reflects over a decade of continuous investment in security technology advancement. Key patents span anti-attack mechanisms, modular systems, and proprietary key control architectures.



Floating Roller European Patent
European Patent Number: EP4411093B1



Moon Shape Pin
PCT Pending



Smart Lock Cylinder Protector
PCT Pending



Retrofit Motorized Smart Lock Appearance Patent



Smart Lock Cylinder Appearance Patent



Smart Lock Cylinder Protector Appearance Patent

100+

CORE CAPABILITIES

Five Pillars of EOSYS R&D

Patented Security Innovation

Over 5 new patented cylinder products are developed each year. Our portfolio includes EU invention patent EP4411093B1, multiple WIPO PCT filings, and numerous Chinese invention patents -- each addressing advanced anti-attack requirements.

Custom Product Engineering

3 to 5 fully customized products are engineered per year based on specific client requirements. From unique keyway profiles to proprietary locking structures, our engineers translate market needs into production-ready designs.

Equipment & Process Optimization

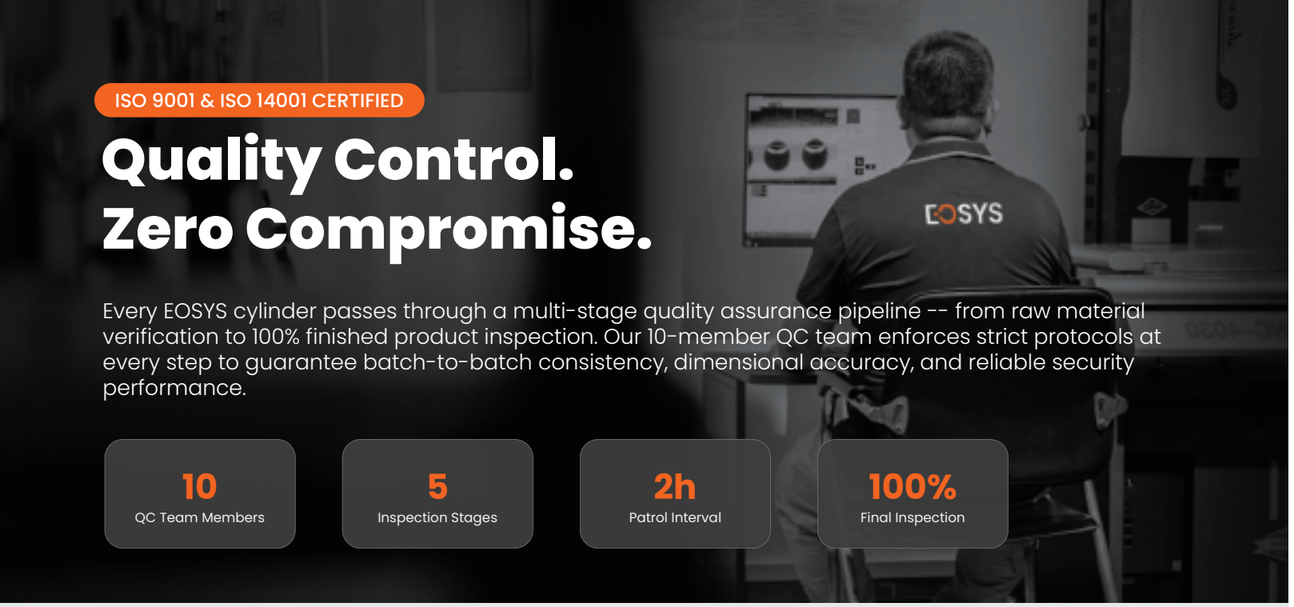
Continuous improvement of manufacturing equipment and processes to enhance efficiency, reduce costs, and push precision boundaries. Our engineers optimize CNC toolpaths, fixture designs, and production workflows.

Electronic Lock & Cylinder Solutions

Expanding into the smart security domain, EOSYS develops electronic lock and electronic cylinder product solutions that integrate mechanical precision with digital access control technologies.

Certification-Oriented Development

All new products are designed with target certifications in mind from day one. Our in-house laboratory can perform tests according to EN1303 standards, and our engineering team has deep familiarity with SKG*** requirements, ensuring products are certification-ready before they leave the development phase.



ISO 9001 & ISO 14001 CERTIFIED

Quality Control. Zero Compromise.

Every EOSYS cylinder passes through a multi-stage quality assurance pipeline -- from raw material verification to 100% finished product inspection. Our 10-member QC team enforces strict protocols at every step to guarantee batch-to-batch consistency, dimensional accuracy, and reliable security performance.

10	5	2h	100%
QC Team Members	Inspection Stages	Patrol Interval	Final Inspection

OUR QC PHILOSOPHY

Quality Control. Zero Compromise.

EOSYS implements a comprehensive quality management system that spans the entire production lifecycle. With in-house EN1303 testing capability, dedicated inspection tooling, and strict process controls, we ensure every cylinder meets the highest standards of the professional security market.

RoHS Compliant Materials

All raw materials meet EU RoHS standards with toxic substances like lead and chromium controlled to minimum levels.

In-House EN1303 Testing

Dedicated laboratory equipped to perform tests per EN1303 standards, demonstrating deep understanding of European security requirements.

Brand Audit Approved

Factory audited and approved by leading brands including Xiaomi, Huawei, and Allegion with 6S management standards.

COMPLETE INSPECTION WORKFLOW

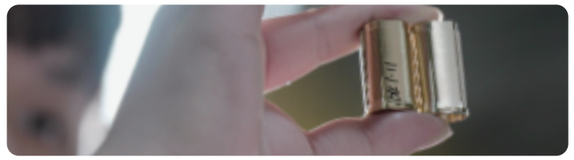
Full Production QC Checkpoints

Our 10-member quality team enforces strict protocols at every stage -- no shortcuts, no exceptions.

1. **Incoming Material Inspection:**
   Spectral analysis, RoHS compliance verification, dimensional and visual spot-check on every raw material batch.
2. **First Article Inspection:**
   Optical projector and custom gauge verification of the first piece before any mass production run begins.
3. **Sample Sealing & Retention:**
   Client-signed samples archived as the master reference for all current and future production batches.
4. **2-Hour Interval Patrol:**
   Critical dimensions checked every 2 hours during production. Failed batches are scrapped entirely -- no rework, no compromise.
5. **Tooling Control:**
   Mandatory tool replacement every 5,000 units with full traceability logs. Tools inspected via optical projector on arrival.
6. **100% Finished Product Inspection:**
   Every single finished cylinder is inspected before packaging. Full inspection reports are generated and shared with clients.

OUR QC PHILOSOPHY

5-Stage Quality Control Pipeline



From the moment raw materials arrive to the final packaged product, every stage is governed by strict inspection protocols and documented traceability.

1. Raw Material Inspection

Every batch of incoming raw material undergoes rigorous verification before entering the production floor. We maintain binding agreements with all material suppliers requiring full RoHS compliance reports, ensuring toxic substances like lead and chromium are controlled to the lowest possible levels within EU-approved standards.

- **Spectral Analysis Testing--**
  A sample from every batch is tested via spectrometry to quickly verify material composition is correct.
- **Third-Party Verification --**
  If spectral data shows anomalies, materials are sent to an accredited third-party lab for precision testing before any decision is made.
- **Visual & Dimensional Sampling --**
  Appearance, straightness, and dimensional accuracy are spot-checked before warehouse entry.

2. Keyway Quality Control

Keyway profile consistency across every order is critical for security and interoperability. EOSYS employs a systematic approach to guarantee that every key, plug, and shell matches the approved specification exactly.

- **Signed Sample Retention --**
  Confirmed samples are signed by the client and archived at the factory as the reference standard.
- **Dedicated Inspection Gauges --**
  Custom gauges are manufactured for each product's keyway, plug, and shell to ensure every production run matches the drawing.
- **First Article + Optical Projector --**
  Before mass production, the first article is verified via optical projector and custom gauges.
- **2-Hour Patrol Inspection --**
  Critical dimensions are checked every 2 hours. If a patrol fails, the entire 2-hour batch is scrapped and production restarts.

3. Tooling Control Management

Tooling precision directly impacts cylinder quality. Unlike many manufacturers that replace tools only when they fail, EOSYS enforces a proactive, scheduled replacement system to maintain consistent machining accuracy.

- **Incoming Tool Verification --**
  Every tool is inspected via optical projector upon arrival. Only tools meeting standards are released for production use.
- **Mandatory Replacement Every 5,000 Units --**
  All cutting tools are replaced after every 5,000 cylinders, regardless of visible wear condition.
- **Full Traceability Records --**
  After each process, tools are stored with detailed usage logs documenting cylinder count, enabling precise tracking and timely replacement.
  CNC tooling management and inspection at EOSYS

4. Sample Consistency & Interoperability

Ensuring that every production batch matches the approved sample -- with identical bitting, pin configurations, and mutual opening performance -- is fundamental to our quality commitment.

- **Engineering Drawing Confirmation --**
  Detailed drawings for every component are prepared by our engineers and sent to the client for approval before production begins.
- **Multiple Reference Samples --**
  Extra samples are produced during initial development and retained by both engineering and sales departments for cross-reference.
- **Supplier Component Inspection (8% Sampling) --**
  Outsourced pins, drivers, and accessories undergo 8% sampling at the supplier with inspection reports required before shipment, followed by a second 8% sampling upon arrival at EOSYS.
- **First Article Assembly Trial --**
  QC performs a first-article trial assembly. If requested, the sample is sent to the client for approval before mass assembly begins.

5. Surface Finish & Color Consistency

EOSYS applies luxury-grade electroplating standards to security hardware, ensuring every batch delivers a consistent, premium finish that reinforces your brand identity.

- **Supplier Traceability --**
  For special colors, the electroplating supplier used for the approved sample is documented. The same supplier is prioritized for mass production to minimize color deviation.
- **Signed Color Reference Boards --**
  For existing clients, color boards are retained and signed as the acceptance standard for all future orders.
- **Luxury-Grade Plating Standards --**
  Surface treatment follows the same electroplating standards used for luxury metal goods, delivering a premium aesthetic and corrosion resistance.



SURFACE EXCELLENCE

Luxury-Grade Surface Treatment

While most lock cylinder manufacturers apply standard industrial electroplating, EOSYS adopts the same electroplating standards used for luxury metal goods. This delivers a visibly superior surface finish that elevates the perceived quality and shelf appeal of every product.





Premium finish consistency

Uniform color, texture, and reflectivity across every batch



Color board archiving

Signed reference boards ensure repeat orders match original specifications



Dedicated supplier tracking

Special color plating is locked to the original supplier for minimal color deviation

CERTIFICATIONS & STANDARDS

Globally Recognized Quality Standards

ISO 9001

Quality Management System certification ensuring consistent product quality and continuous improvement.

ISO 14001

Environmental Management System certification demonstrating commitment to sustainable manufacturing practices.

EN 1303

In-house testing capability per European cylinder standard, covering durability, security, and key-related requirements.

National High-Tech Enterprise

Recognized by the Chinese government for advanced technology innovation and R&D capability in security hardware.



ISO 9001:2015



ISO 14001:2015



EN1303 Test Rating: 16000C62 Security Highest Grade



EN1303 Test



CE certificate



RoHS certificate



FCC certificate



D2 D3 Fire Approval Certification

Customization Built Around Your Market.

LIGHT Customization

Emerging Distributors · New Market Testers · Moderate MOQ Requirements · Private-Label Brands

01 Customized Packaging
Branded boxes, inserts, and retail-ready presentation

02 Branded Key Heads
Custom key bow shapes with your logo and color

03 Laser Logo Marking
Precision laser engraving on cylinder body

04 Security Key Cards
Branded ownership cards with unique codes

05 Color & Finish Options
Nickel, brass, chrome, satin, black, and custom finishes

06 Appearance Adjustments
Minor structural and aesthetic modifications

DEEP Customization

Established Lock Brands · High-Volume Distributors · Elevated Security Standards · Regional Compliance Projects

01 Key Pin Specifications
Custom pin dimensions, materials, and configurations engineered for your target security grade and market requirements.

02 Keyway Profile Design
Proprietary keyway profiles with restricted key duplication. Custom tooling and dedicated inspection gauges ensure consistency across every production run.

03 Pin Quantity Configuration
Flexible pin count configurations to balance security level, key differs, and operational smoothness for your specific application.

04 Locking Structure Design
Custom cam, connector, and tailpiece configurations to integrate seamlessly with your hardware ecosystem and regional standards.

05 Advanced Security Features
Anti-drill, anti-snap, anti-break, anti-pick, anti-bump, and anti-3D copy protections. Hardened steel options up to HRC60 with patented floating element structures.

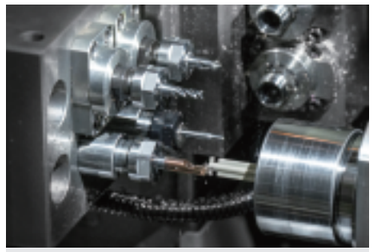
Customization Process

Requirement Analysis → ***Engineering & Design*** → ***Sample & Validation*** → ***Mass Production & QC***

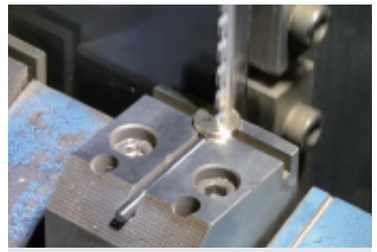
MANUFACTURING DIFFERENTIATORS

Precision Details That Define Quality

EOSYS implements engineering-level precision practices that set our cylinders apart from the competition



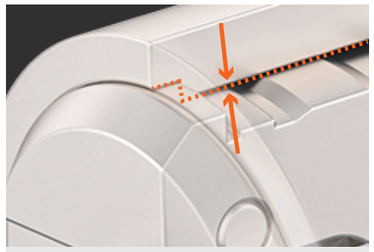
Single-Clamping Multi-Feature Machining
Each clamping operation machines multiple critical features simultaneously, ensuring relational accuracy between features that multi-machine setups cannot achieve.



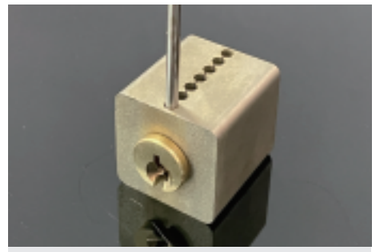
Pin Holes Before Keyway Broaching
Plug pin holes are machined before keyway broaching, improving both keyway profile accuracy and pin hole positioning precision.



Flat-Bottom Pins for Anti-Pick
Both key pins and driver pins use flat-bottom profiles, significantly increasing resistance to picking attacks compared to standard rounded pins.



0.1mm Shell-Plug Clearance
The gap between shell and plug is controlled to just 0.1mm with no chamfer on pin holes, maximizing anti-pick performance through minimal manipulation space.



Tight Pin Tolerance Control
Pin dimensions are held to extremely tight tolerances with production on dedicated precision machinery, ensuring smooth operation and consistent key differentiation.



Multi-Axis CNC for Complex Cylinders
Multi-axis machining centers and Swiss-type CNC lathes, combined with an experienced R&D team, enable production of structurally complex high-security cylinders.

SERVICE

Market Protection



We normally sign the market protection agreement with our customers aim to protect some certain keyways, models, sales channels, in certain markets.

Provide Value-Added Services

- We could help you to find the suitable suppliers of surrounding products, such as key cutting machines.
- We could help you to produce and assemble the whole master key system.
- We could offer the marketing material for you to promote the products bought from us: such as pictures, posters, product display, 3D videos to show the lock cylinder inside structures, and so on. At the same time we can help you to design packing, key heads and so on.

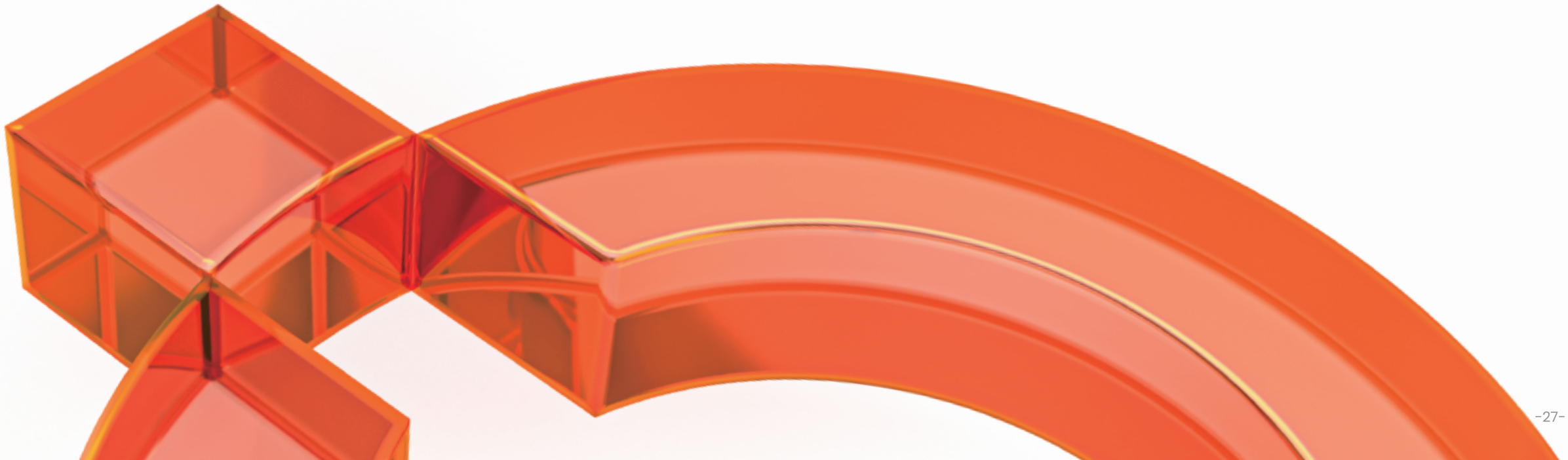
Contact

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Web: www.eoslockingsystem.com
Address: No.29 Ronghua South Road, Xiaolan Town, Zhongshan City 528415, Guangdong, China

PATENT SECURITY LOCK CYLINDER

ZX	Active Pin and Passive Pin Lock Cylinder with Patent Moon Shape Passive Pins and Wave Anti-Pick Pins	P28
MX	Active Pin and Passive Pin Lock Cylinder with Patent Moon Shape Passive Pins and Wave Anti-Pick Pins	P30
IX	Active Pin and Magnet Passive Pin Lock Cylinder with Patent Moon Shape Passive Pins and Angle Anti-Pick Side Pins	P32
P1	Telescopic Pin Lock Cylinder with Patented Move Element	P34
P1-1	Telescopic Pin Lock Cylinder With Patented Move Element	P36
P1-2	Moon Shape Active Pins And Patented Floating Roller Telescopic Pin Lock Cylinder	P38
P3	Master Key System Lock Cylinder With Patented Move Element	P40
P3-1	Master Key System Lock Cylinder With Patented Move Element	P42
P4	Active Pin With Passive Pin Lock Cylinder With Patented Move Element And Anti Pick Slider	P44
P4-1	En1303 Grade 6 Floating Roller On Active Pins And Passive Pins Lock Cylinder	P46
P4-2	Active Pin With Passive Pin Lock Cylinder With Magnet Pin And Anti Pick Slider	P48





ZX model

PATENT LOCK CYLINDER PCT PENDING

Floating Pin Vertical KeywayLock Cylinder with Undercut

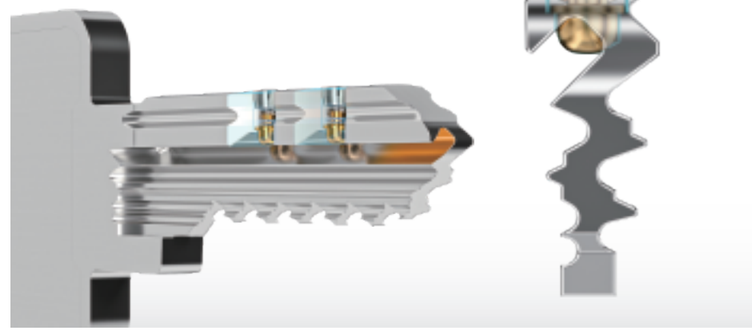
- Key number 1-8, good for big master key system. Support multiple keyways master key system.
- Patent pending move element on key blanks to protect your profits.
- Undercut keyway increases the performance of anti picking.
- Move element increases the performance of anti 3D printing.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass ENI303 highest grade and SKG*** security certificate.



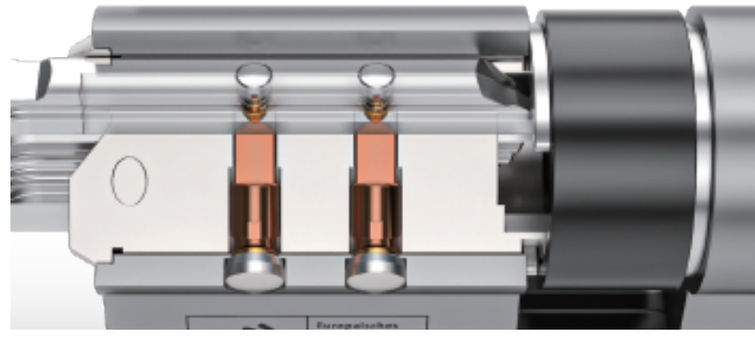
1 Undercut keyway increases the performance of anti picking.

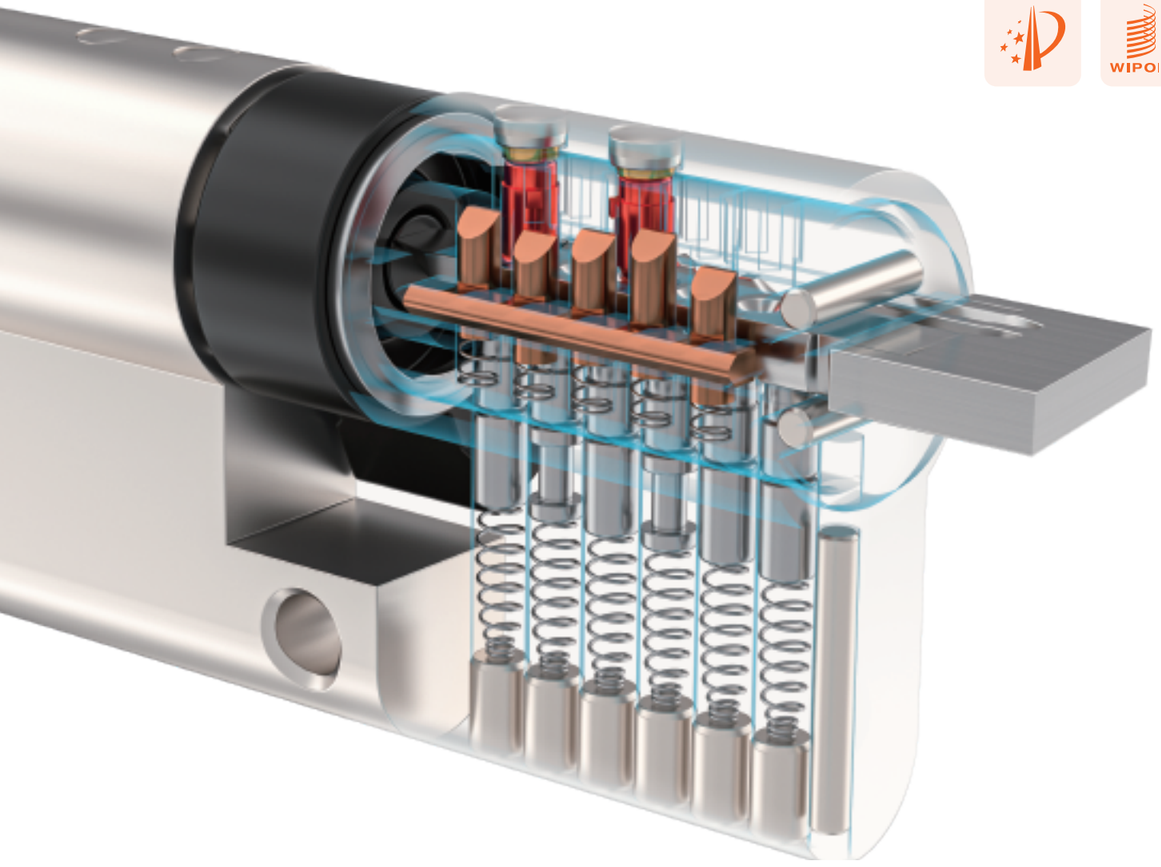


2 Move Element on Key Blanks to Secure Your Profits



2 With correct floating pins Match the shearline





MX model

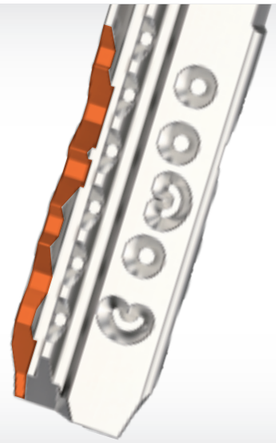
MOON SHAPE PIN PCT PENDING

Active Pin and Passive Pin Lock Cylinder with Patent Moon Shape Passive Pins and Wave Anti-Pick Pins

- Patent wave anti-pick pins increase the performance of anti-picking.
- Patent moon shape active pins increase the performance of anti-pick and anti-copy.
- Huge key combination.
- Super anti-pick, anti-bump, anti-copy performance.
- Option to pass EN1303 highest grade and SKG*** security certificate.
- Master key system available.
- Modular system cylinder optional.



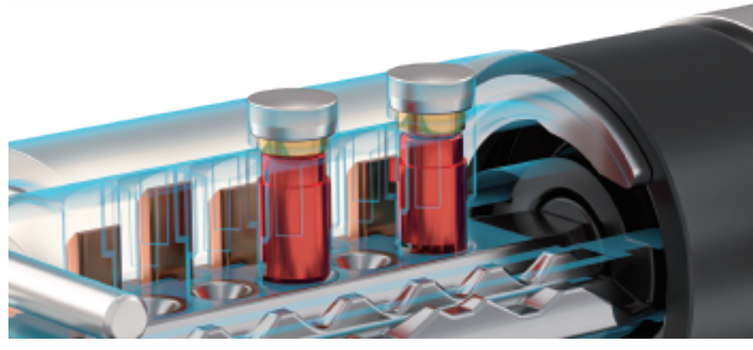
1 Patent Wave Pins for Anti-Pick

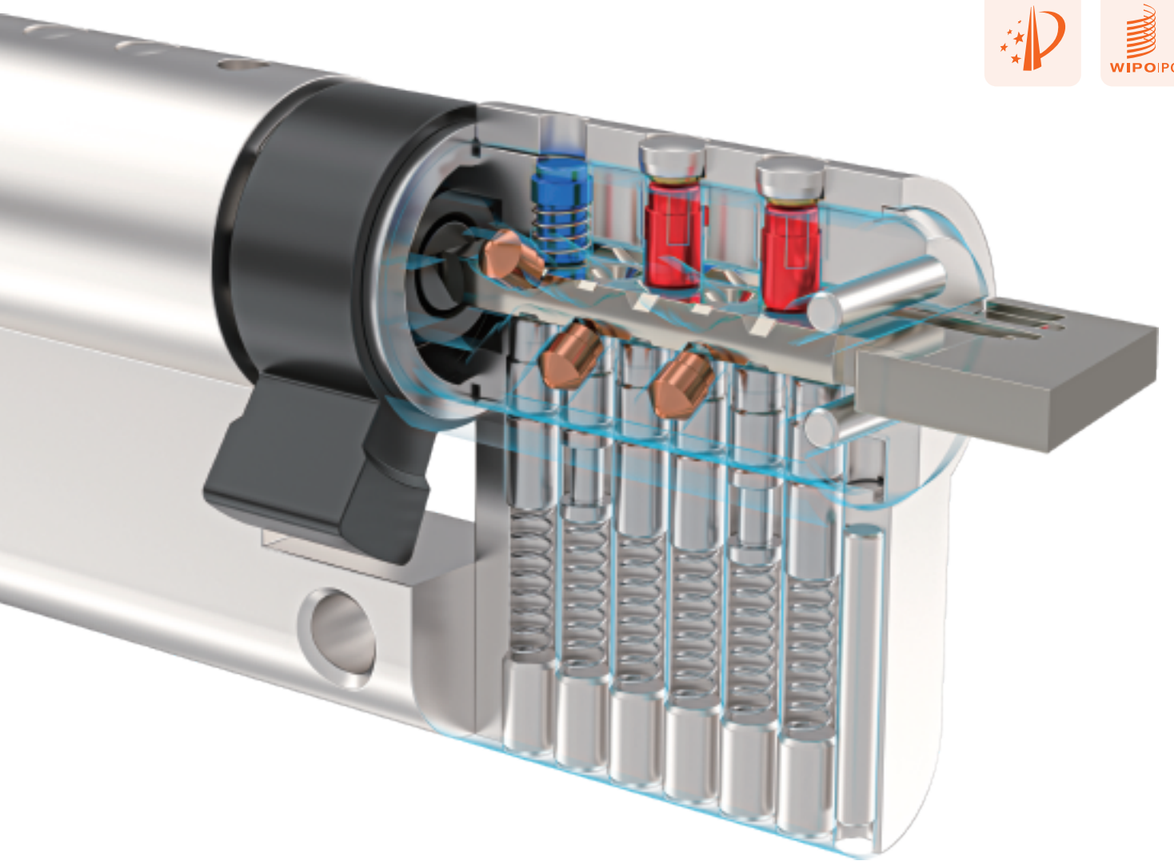


2 Patent moon shape active pins increase the performance of anti-pick and anti-copy.



2 Patent moon shape active pins increase the performance of anti-pick and anti-copy.





IX model

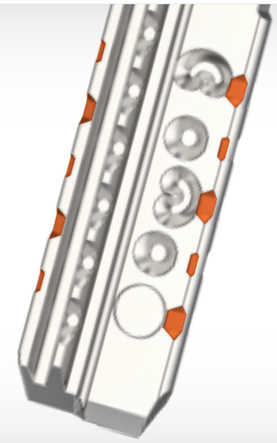
MOON SHAPE PIN PCT PENDING

Active Pin And Angle Anti-Pick, Side Pins With Patent Moon Shape Pins And Magnet Pin Lock Cylinder

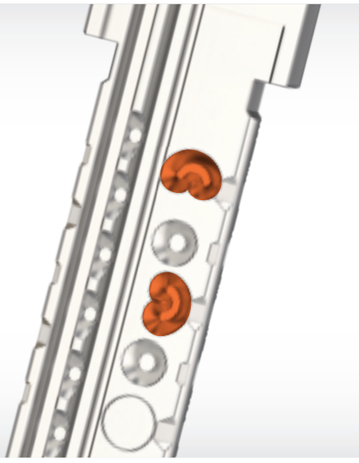
- Angle pick side pins increase the performance of anti-picking.
- Patent moon shape active pins increase the performance of anti-pick and anti-copy.
- Magnetic pass pin increases the security of the anti-pick, anti-bump and anti-copy.
- Huge key combination.
- Super anti-pick, anti-bump, anti-copy performance.
- Option to pass EN1303 highest grade and SKG*** security certificate.
- Master key system available.
- Modular system cylinder optional.



1 Angle Side Pins for Anti Copy

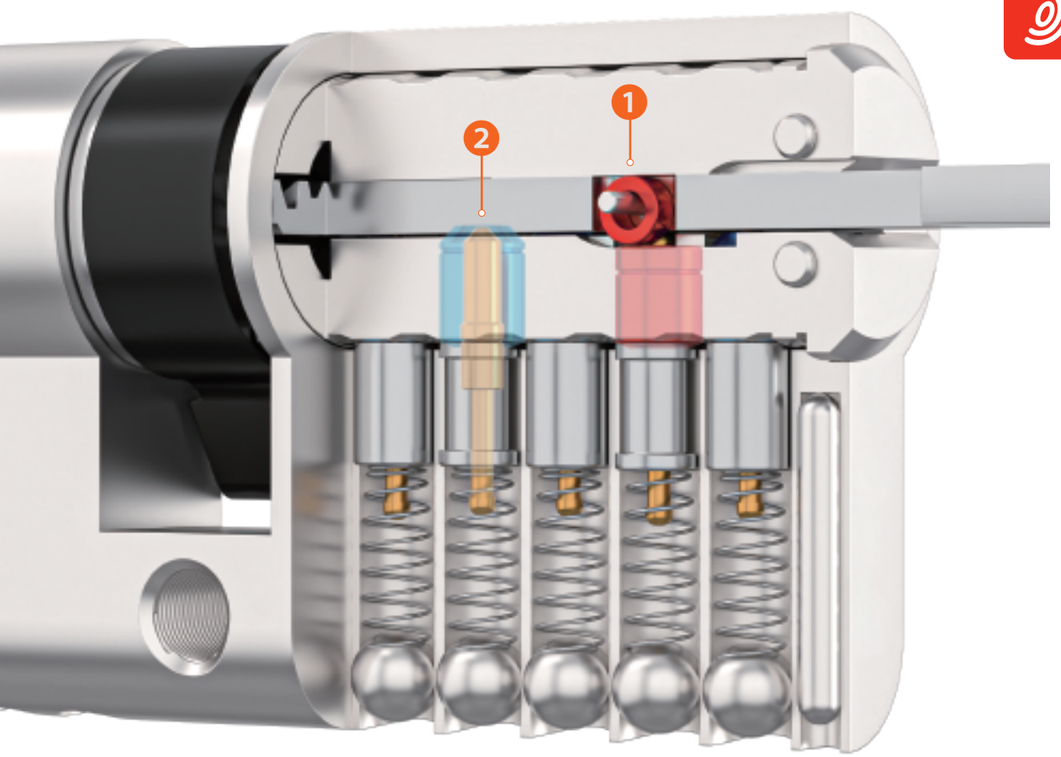


2 Patent moon shape active pins increase the performance of anti-pick and anti-copy



3 Magnetic Pins for Anti Pick Anti Bump and Anti Copy





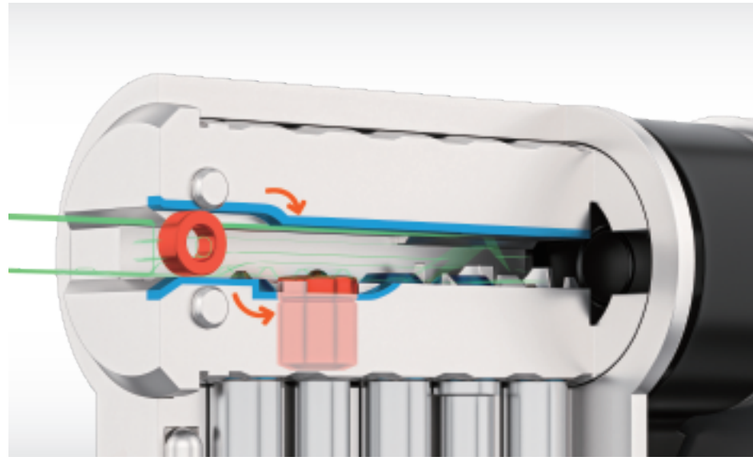
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P1 model
EUROPEAN PATENT NUMBER
EP4411093B1

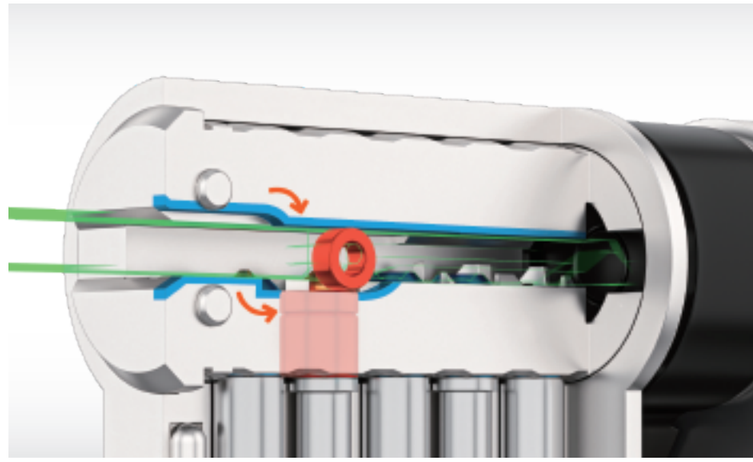
Telescopic Pin Lock Cylinder with Patented Move Element

- Patented move element on key blanks to protect your profits.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

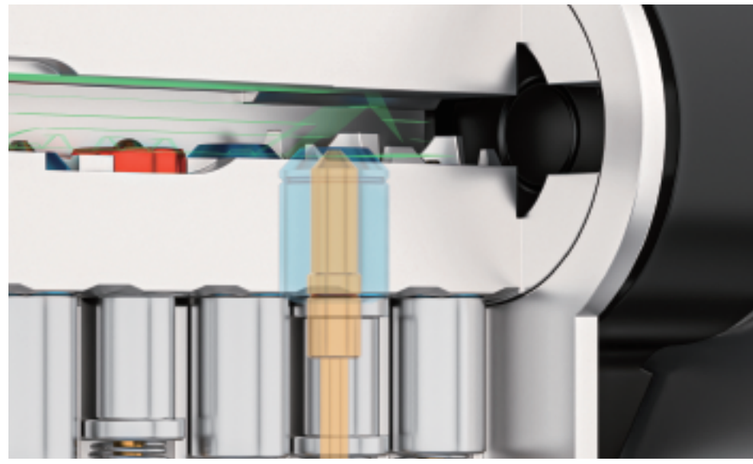




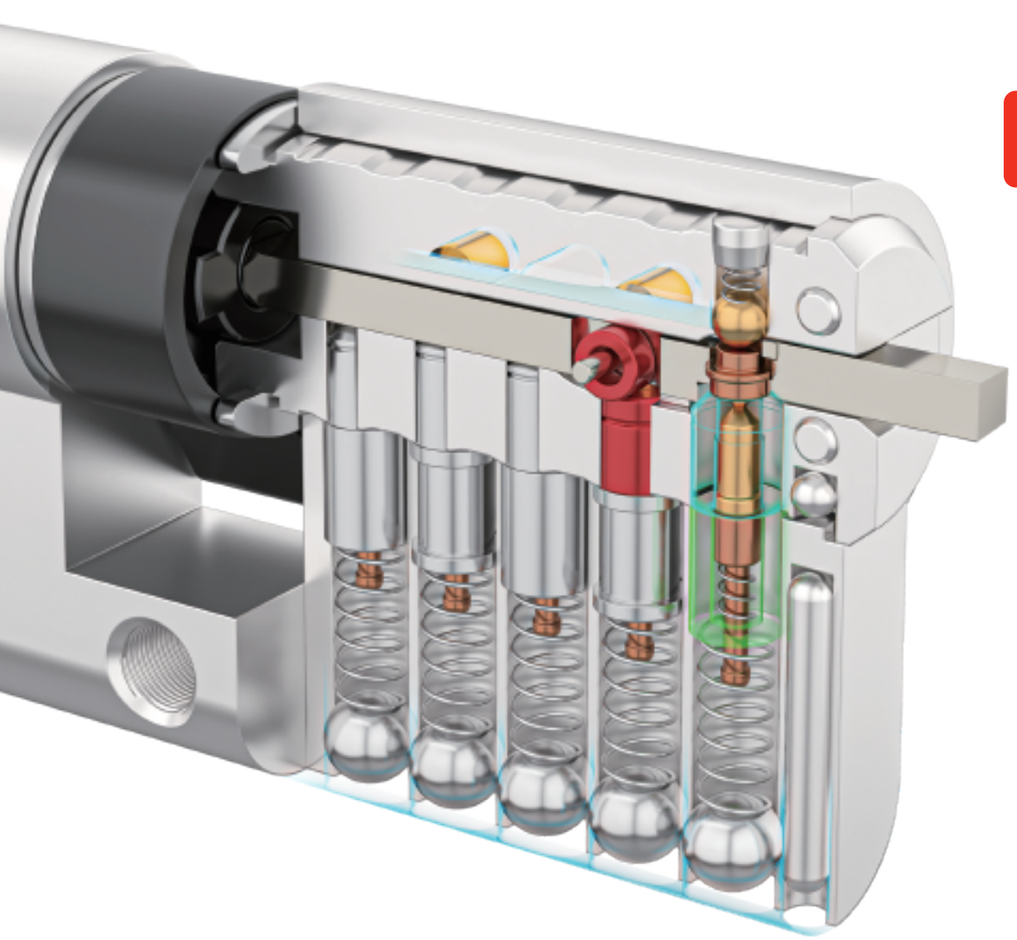
1 Firstly, the roller go up by following the groove



1 Then the roller go down follow the groove



2 The roller to press the correct telescopic pin to match the shearline



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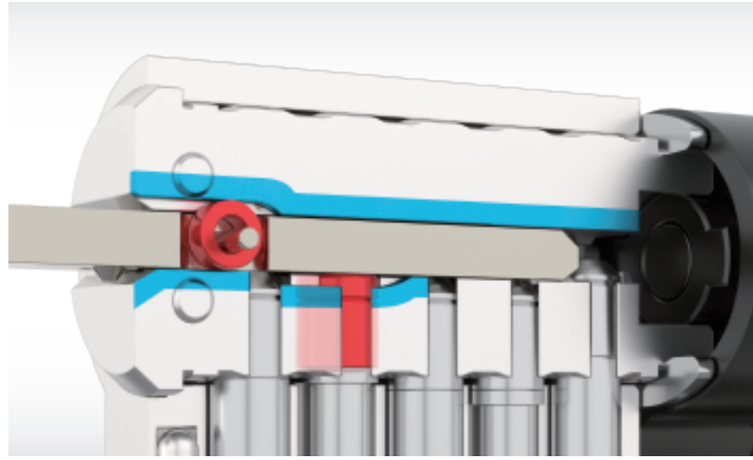
P1-1 model

EUROPEAN PATENT NUMBER EP4411093B1

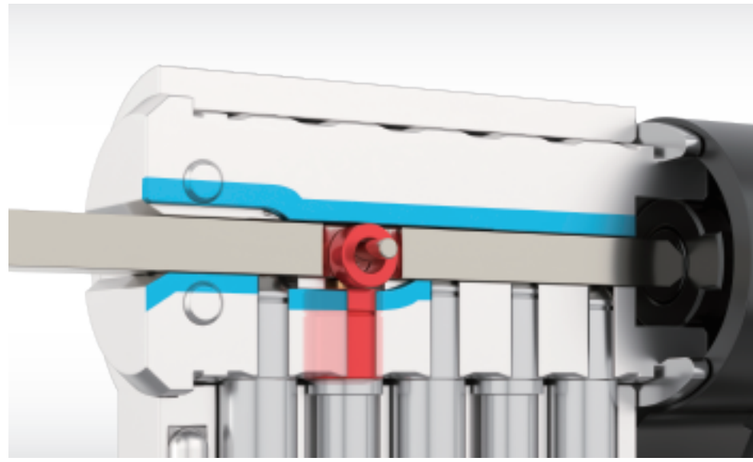
Telescopic Pin Lock Cylinder With Patented Move Element

- Patented move element on key blanks to protect your profits.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

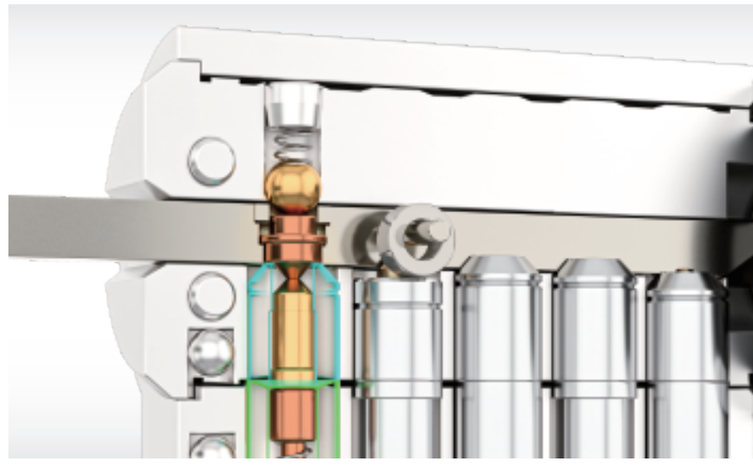




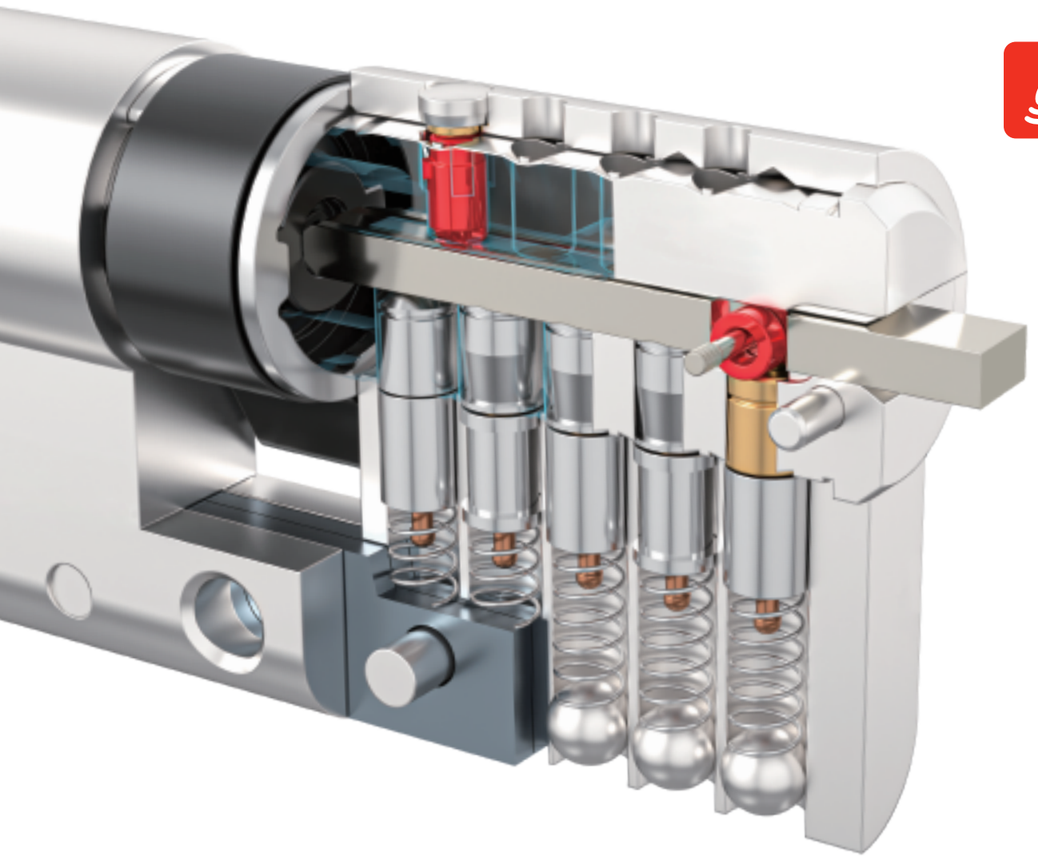
1 Firstly, the roller go up by following the groove



1 The roller go down follow the groove to press the correct telescopic pin to match the shearline



2 One more floating pins for double secure



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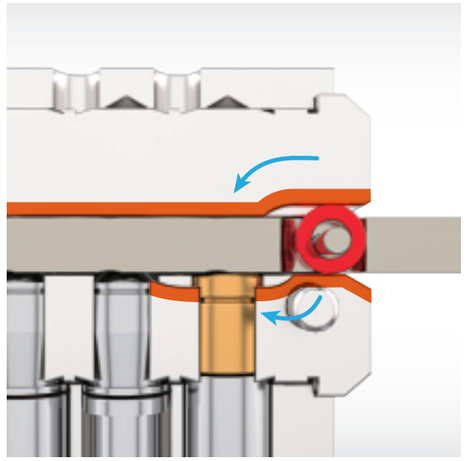
P1-2 model

EUROPEAN PATENT NUMBER EP4411093B1

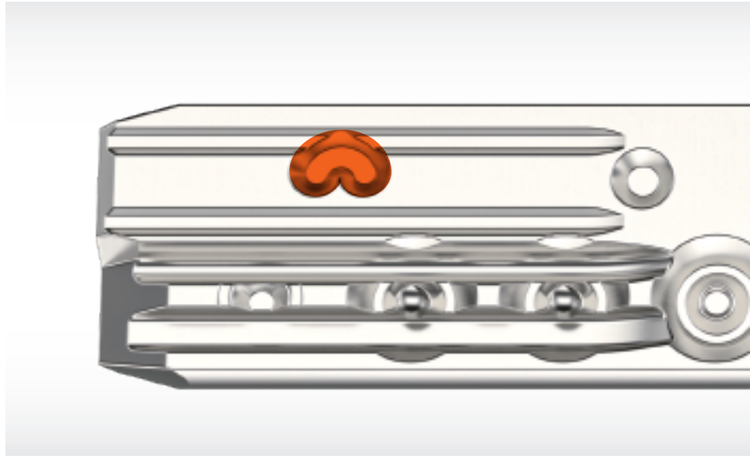
Moon Shape Active Pins And Patented Floating Roller Telescopic Pin Lock Cylinder

- Patented moon shape active pin provides larger key combinations and anti-copy ability.
- Patented move element on key blanks to protect your profits.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

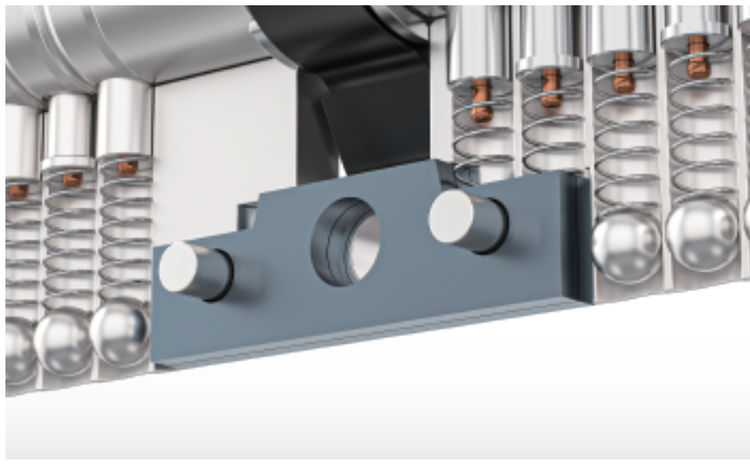




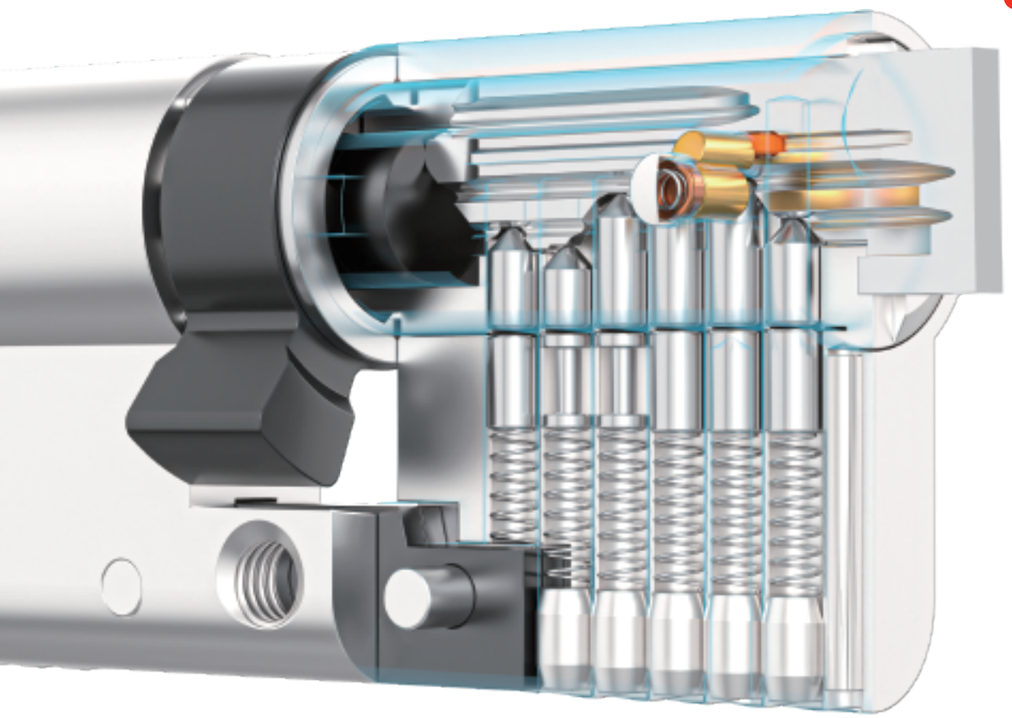
1 Roller on the key unlocks the active pin



2 Patent moon shape active pins increase the performance of anti-pick and anti-copy



3 Anti-Break Protection



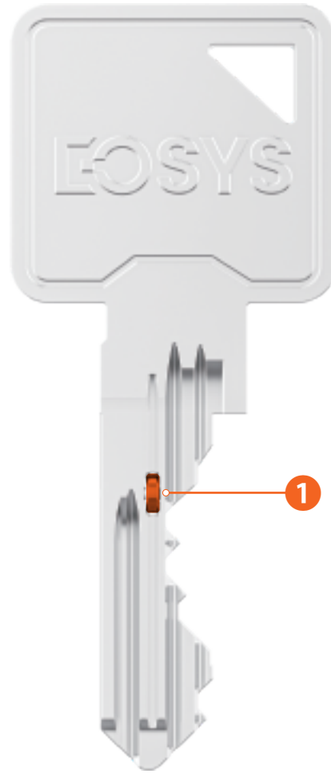
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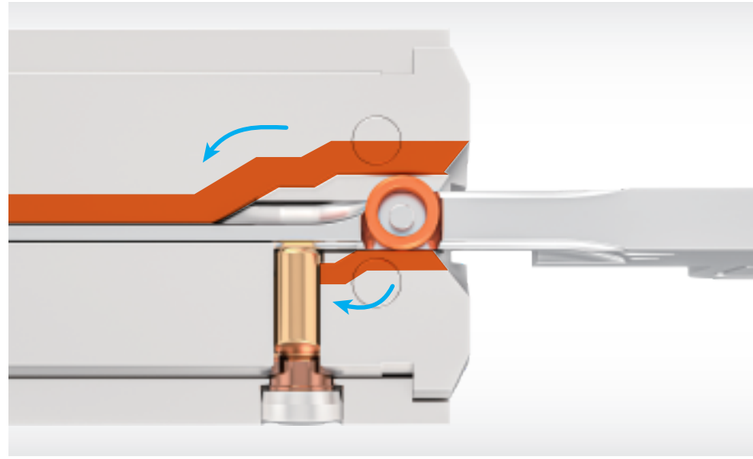
P3 model

EUROPEAN PATENT NUMBER EP4411093B1

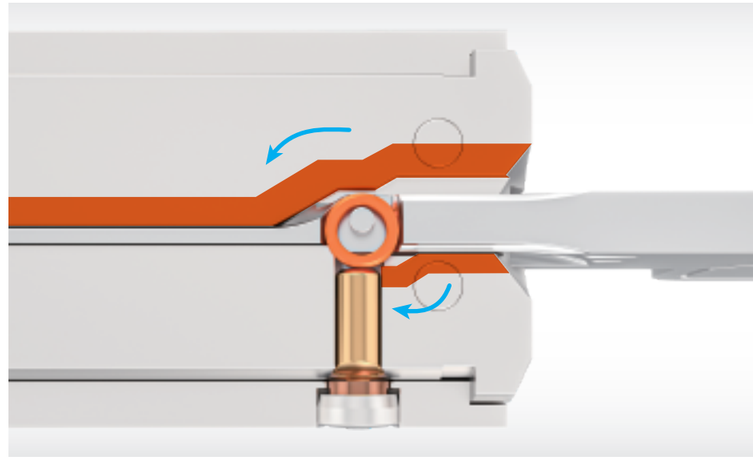
Master Key System Lock Cylinder With Patented Move Element

- Patented move element on key blanks to protect your profits.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

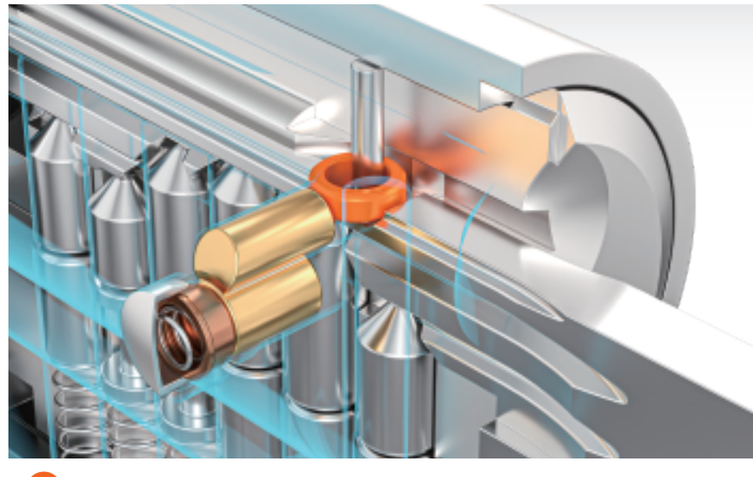




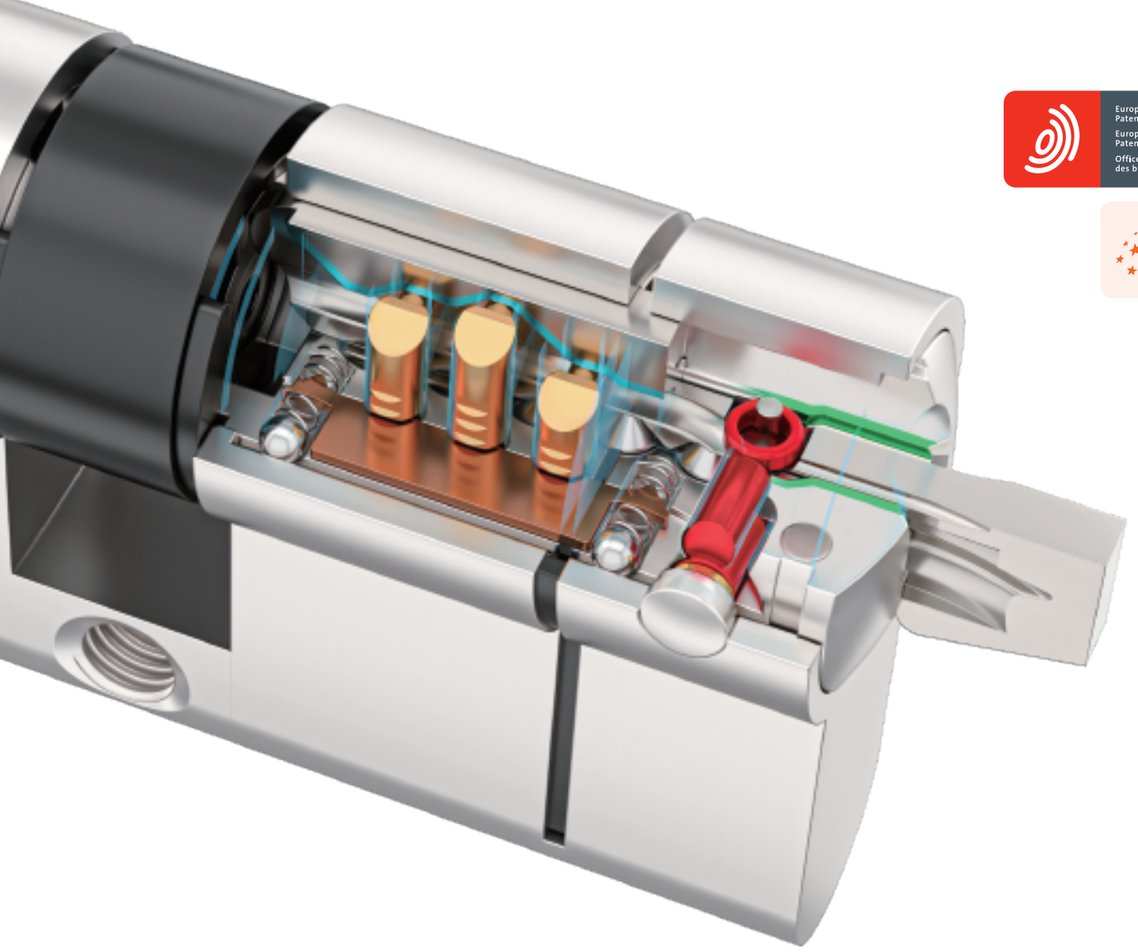
1 Firstly, the roller go up by following the groove



1 The roller go down follow the groove to press the correct telescopic pin to match the shearline



1 One more floating pins for double secure



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P3-1 model

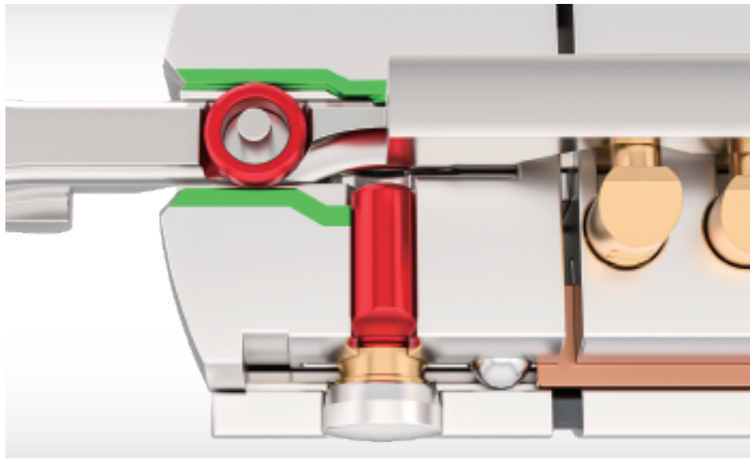
EUROPEAN PATENT NUMBER

EP4411093B1

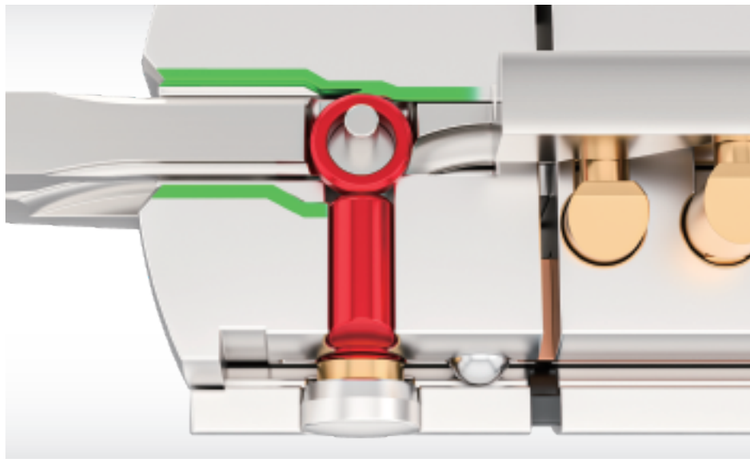
Master Key System Lock Cylinder With Patented Move Element

- Patented move element on key blanks to protect your profits.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

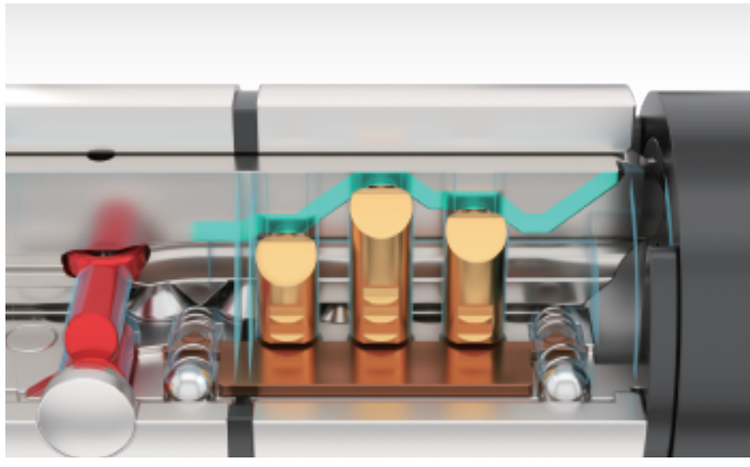




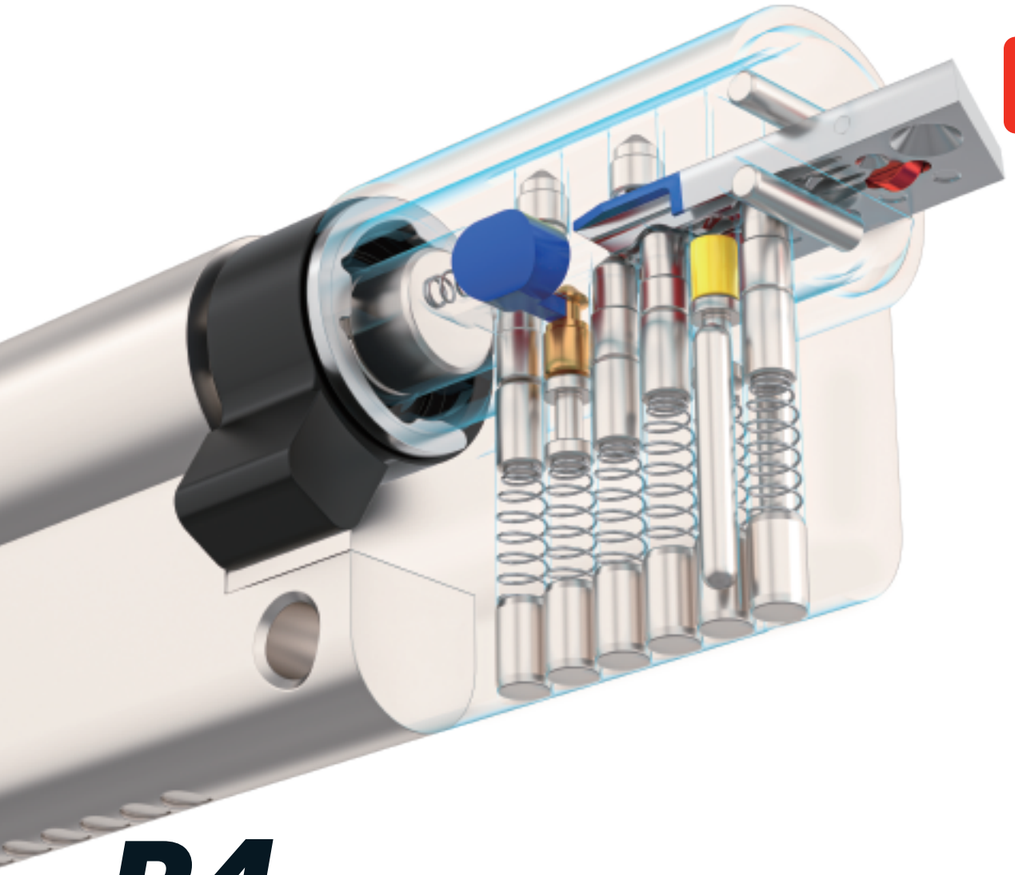
1 The groove make the roller runing up and down



1 When go to the correct position,the roller be pressed to match the shearline



2 Snake pins with strong anti pick and anti bump



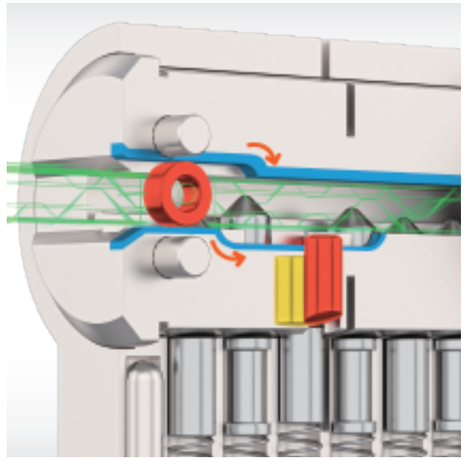
P4 model

EUROPEAN PATENT NUMBER EP4411093B1

Active Pin With Passive Pin Lock Cylinder With Patented Move Element And Anti Pick Slider

- Patented move element and anti pick slider on key blanks to protect your profits.
- Active pin with passive pin lock cylinder structure.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Convenient to assemble small-scale master key system by using the passive pins.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

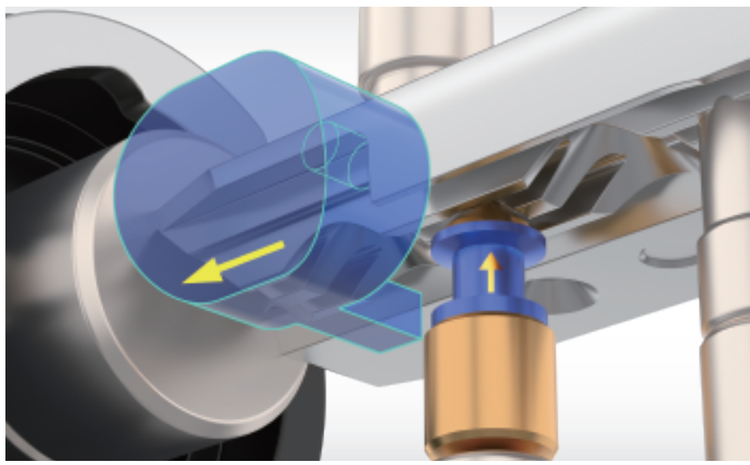




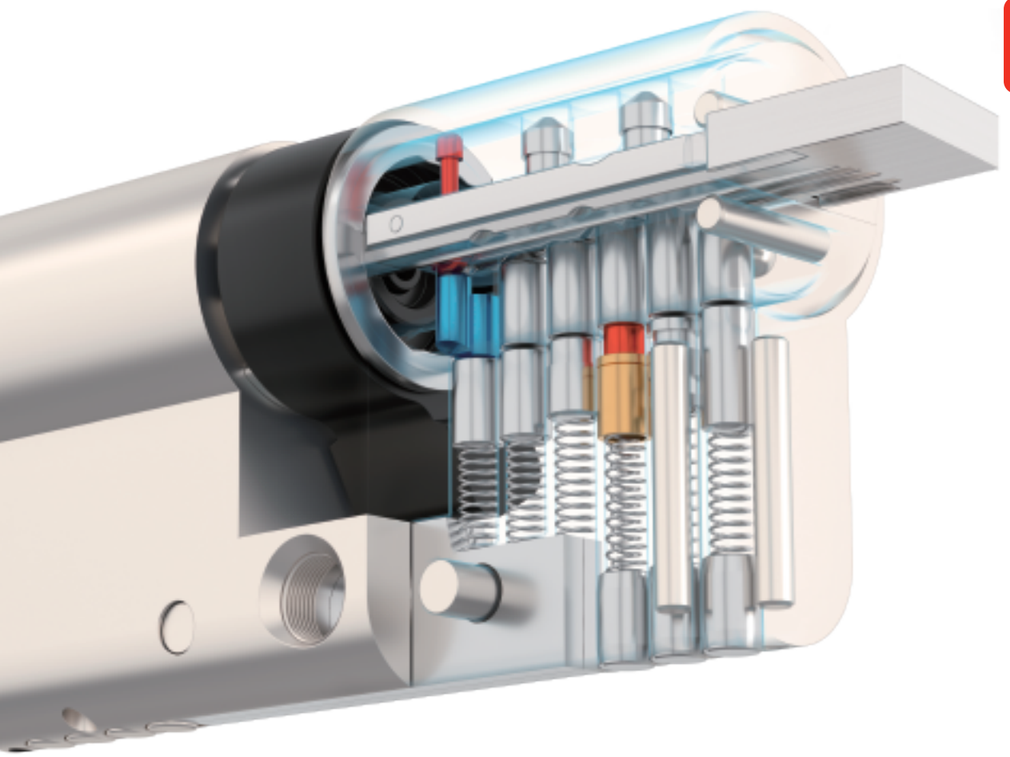
1 Patent slider unlocks the active pin



2 Patent slider locks the active pin



2 Inserted key push the slider backwards



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P4-1 model

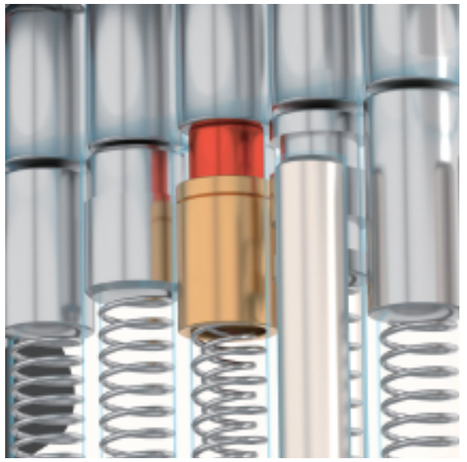
EUROPEAN PATENT NUMBER EP4411093B1

En1303 Grade 6 Floating Roller On Active Pins And Passive Pins Lock Cylinder

- Patented move element on key blanks to protect your profits.
- Active pin with passive pin lock cylinder structure.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Convenient to assemble small-scale master key system by using the passive pins.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

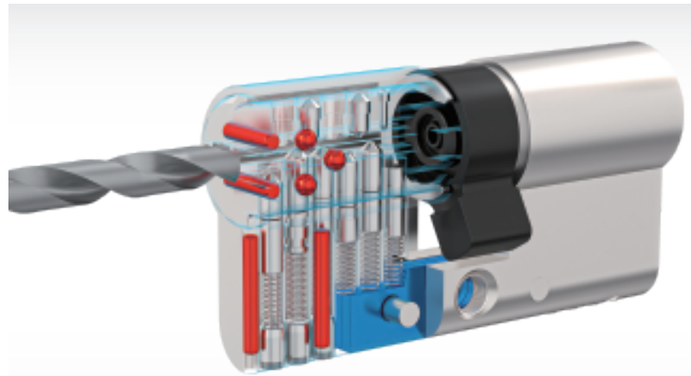


Anti-Bump Feature

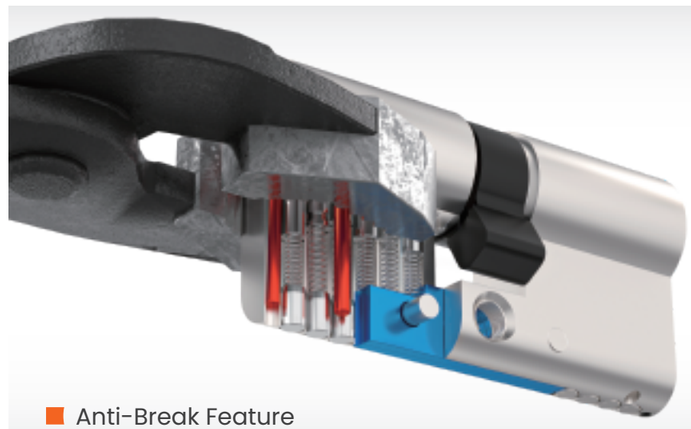




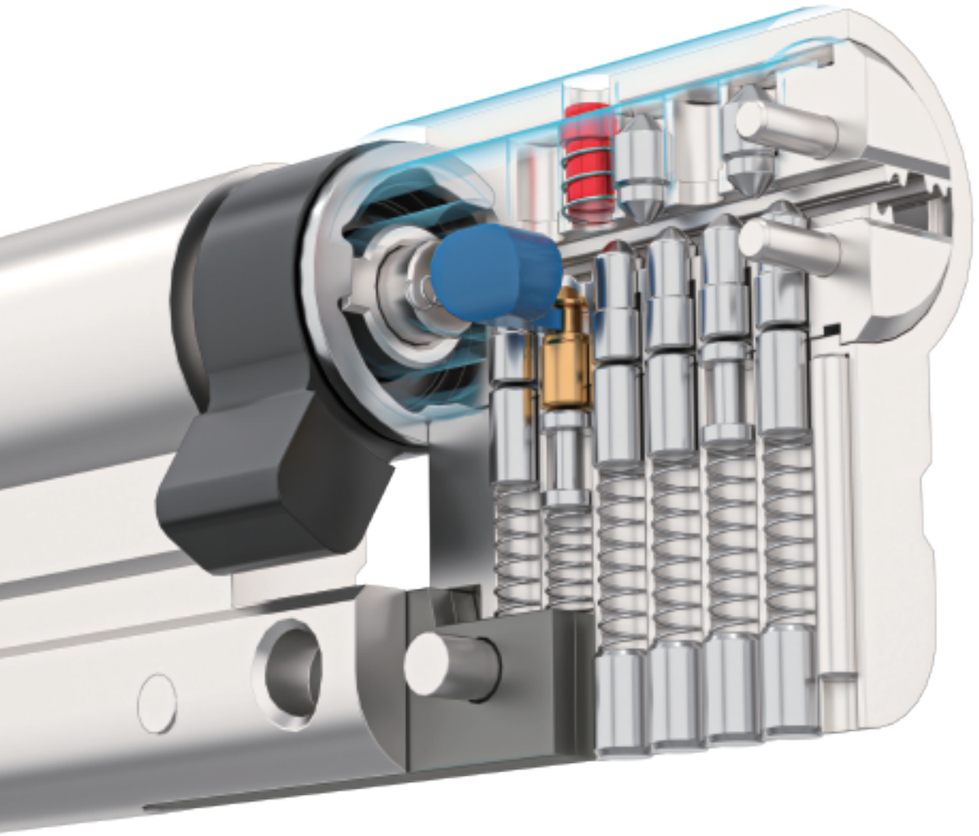
Anti 3D Copy



Anti-Drill Feature



Anti-Break Feature



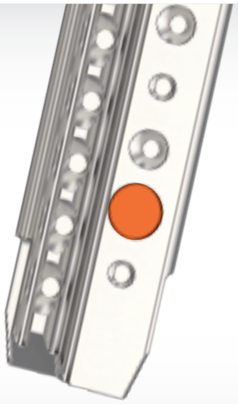
P4-2 model

MAGNET PIN AND ANTI PICK SLIDER

Active Pin With Passive Pin Lock Cylinder With Magnet Pin And Anti Pick Slider

- Patented move element on key blanks to protect your profits.
- Active pin with passive pin lock cylinder structure.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Convenient to assemble small-scale master key system by using the passive pins.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.
- Optional to pass EN1303 highest grade and SKG*** security certificate.

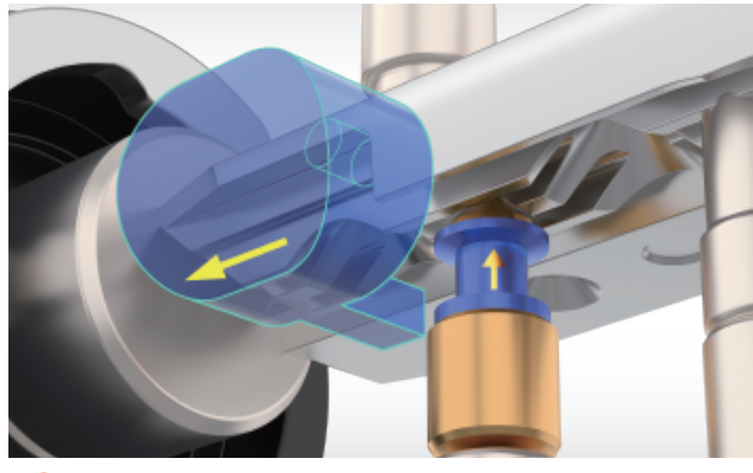




1 Magnetic Pins for Anti Pick Anti Bump and Anti Copy



2 Patent slider locks the active pin



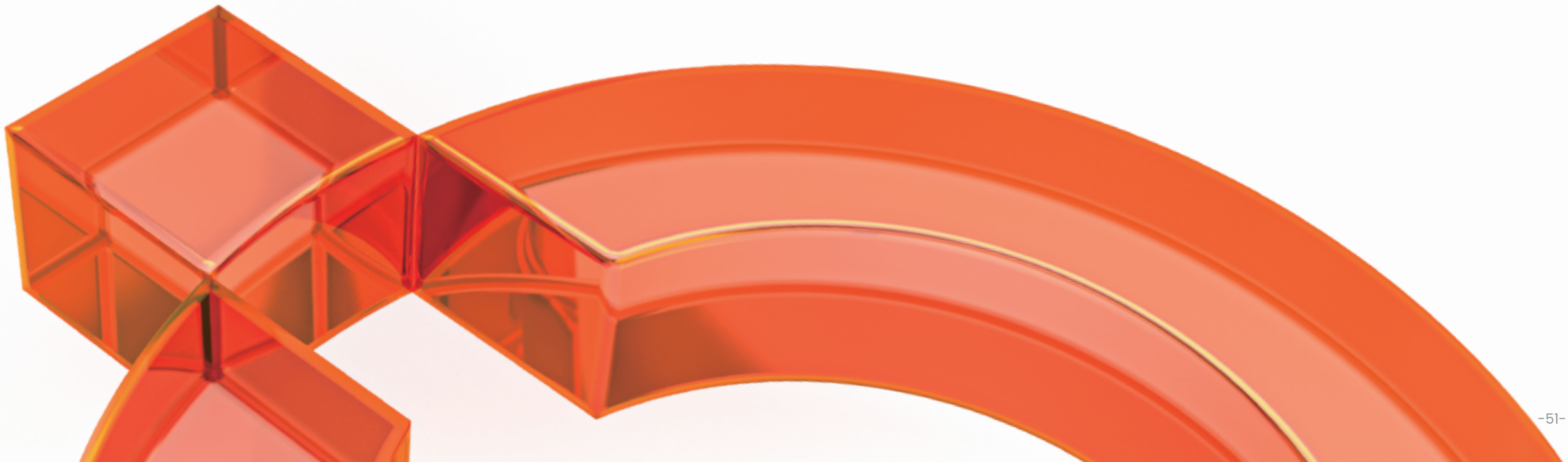
2 Inserted key push the slider backwards

MODULAR LOCK CYLINDER

Dimensions P52

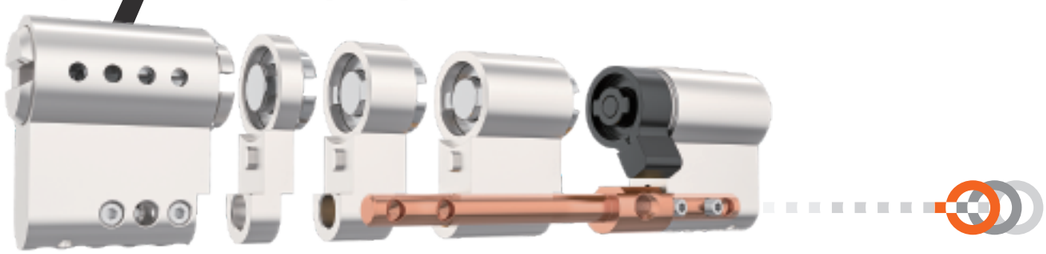
Modular Part P54

How to place an order? P56



SYSTEM

Modular Lock Cylinder



All Components You Need for Any Dimensions

EOSYS provides a complete set of components for assembling modular cylinders.

- **Modular sizing:**
  Starts from the shortest 30mm+30mm, with 5mm/10mm/20mm extensions to cover 31mm–120mm lengths.
- **Quick assembly:**
  Any custom size can be fully assembled in less than a minute using just a screwdriver.
- **Flexible options:**
  8 types of connecting bridges and extension parts are available to meet diverse installation needs.

Optimize Your Stocks & Enhance Security

The modular system delivers dual benefits of inventory efficiency and maximum security:

- **Inventory optimization:**
  Reduces SKU pressure significantly, allowing you to fulfill customer requests immediately without stocking full finished cylinders.
- **Superior security:**
  Features a stainless steel modular bridge and anti-drilling pins inside the plug, ensuring the highest level of cylinder security.
- **On-site adaptability:**
  Complete hardware kits with modular parts enable on-site assembly and length adjustment, perfect for quick field modifications.

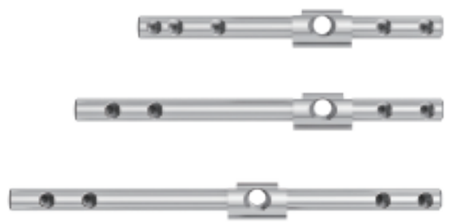
8 Sizes of Connecting Bridges Cover Most Selling Dimensions

Basic Length of the
Lock Cylinder : 31/31mm



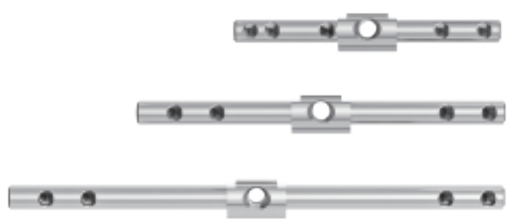
Half Cylinders

 36,50	31-36-41 / 10mm
 51,50	46-51-56 / 10mm



Off-Set Bridge and the Completed Dimensions

 72,00	31-36-41 / 46-51-56mm
 87,00	31-36-41 / 61-66-71mm
 102,00	46-51-56 / 61-66-71mm



Bridge Size and the Completed Dimensions

 57,00	31-36-41 / 31-36-41mm
 87,00	46-51-56 / 46-51-56mm
 117,00	61-66-71 / 61-66-71mm

Quick

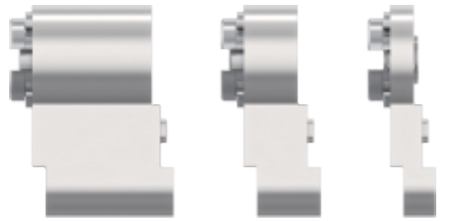
ONE-PIECE

Streamlined Installation,Maximum Efficiency



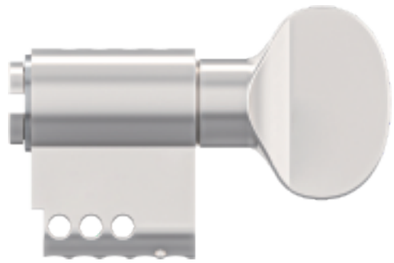
Universal
Base Module

Extension Part



20mm 10mm 5mm

Modular Knob



Modular Cylinder



Vertical Keyway



Horizontal Keyway



Cam (Single Open)



Cam (Double Open)



UNIVERSAL

Easy Module Replacement

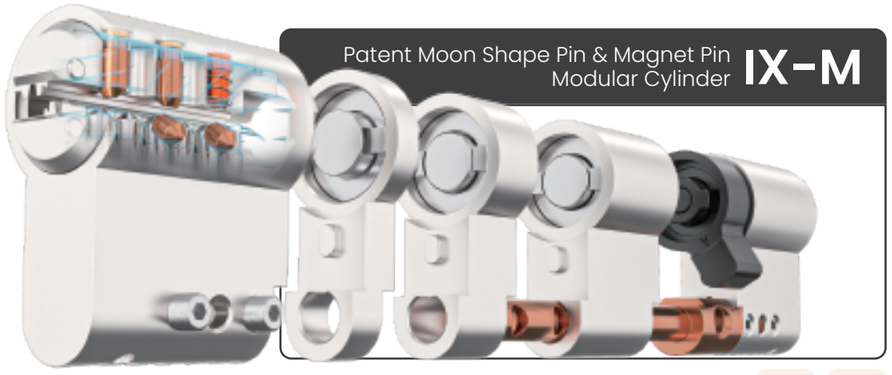


Master Key System
Modular Cylinder **LK2-M**



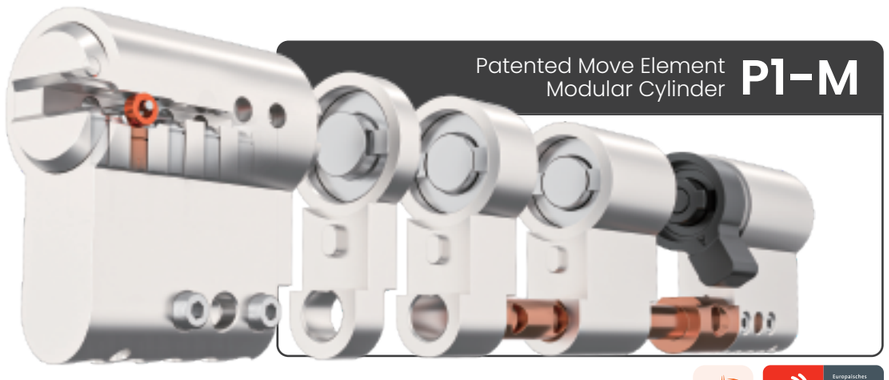


Patent Moon Shape Pin & Magnet Pin
Modular Cylinder **IX-M**



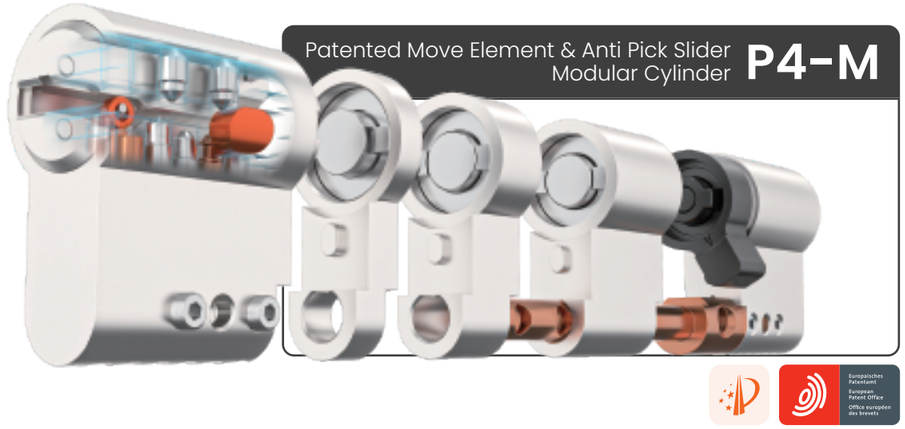


Patented Move Element
Modular Cylinder **P1-M**



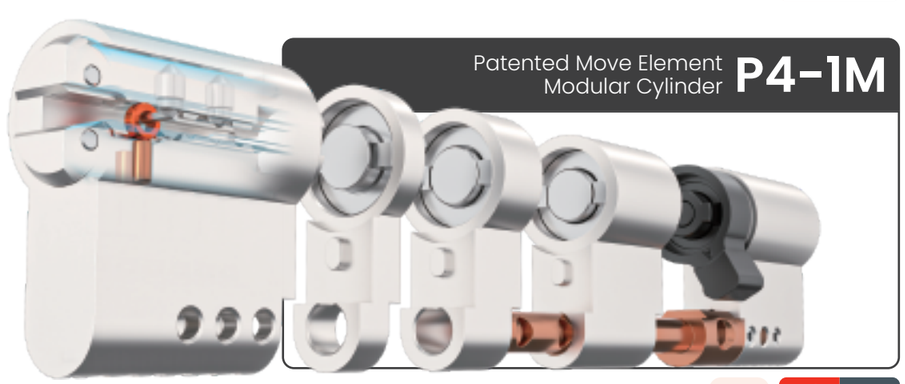


Patented Move Element & Anti Pick Slider Modular Cylinder P4-M

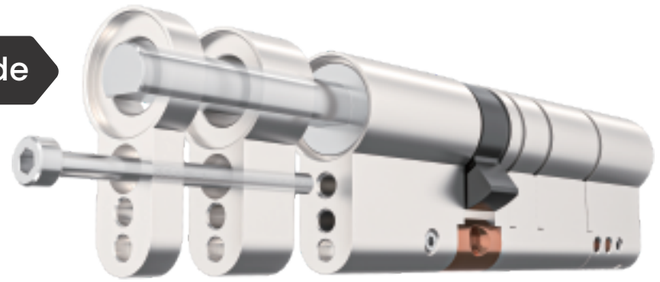




Patented Move Element Modular Cylinder P4-1M



Retrofit Motorized Smart Locks Modular Cylinder D2-M





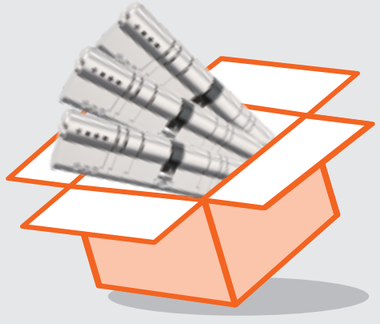
How to place an order?

A. We assemble the complete cylinders for you.
You may need to re-assemble the cylinders.

We help customers assemble the connector lock cylinders according to the sizes that are most popular with clients. We then pack them into boxes and ship to customers.

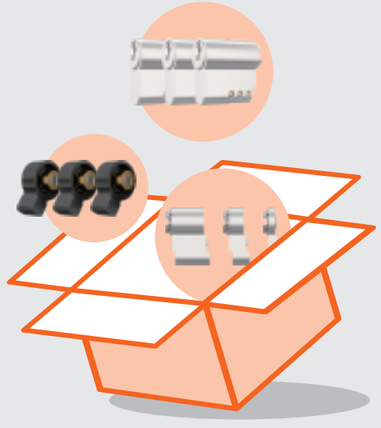
1 Cylinders that match the final customer's order size can be sold directly.

2 For sizes that do not match the final customer's order, or where a master key system is required, the lock cylinders need to be disassembled and reassembled. Additionally, the following accessories must be purchased: rod, cam, marble pins, etc.



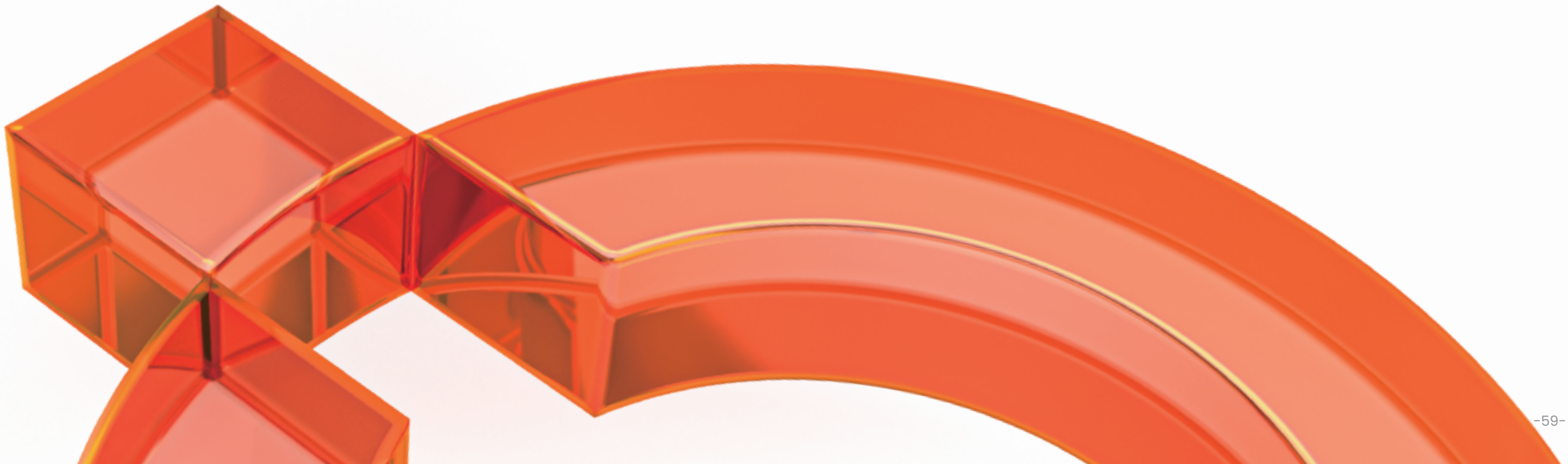
B. We only provide parts and accessories to you.
You have to assemble the cylinders.

When shipping, only the front lock cylinder, rear lock cylinder, and keys are included in the package.
If customers need to assemble lock cylinders to the order size or install a master key system, they must purchase additional accessories: rod, cam, marble pins, etc.
Assembly should be performed according to the installation guide provided by our company.



MASTER KEY SYSTEM CYLINDER

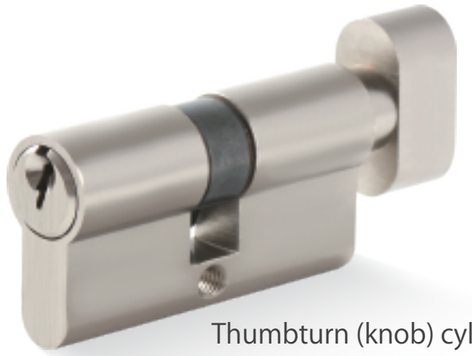
LK1	Master Key System Lock Cyliner	P60
LK1-1	Computer Key Lpck Cylinder	P62
LK2	Anti-Pick Keyway Cylinder with Side Pins	P64
LK3	Anti-Pick Keyway Cylinder with Side Pins	P66
LK13	Dimple Key 7 Pin Lock Cylinder	P68
LK31/LK32	Active Pins and Passive Pins Security Cylinder	P70
LK33	Active Pins and Passive Pins Security Cylinder	P72
PADLOCK1	Adjustable Cam Half Cylinder with European Profile Brass Padlock	P74
PADLOCK2	HIGH SECURITY ROUND PADLOCK "HOCKEY-PUCK"	P76



LK1

MASTER KEY SYSTEM
LOCK CYLINER

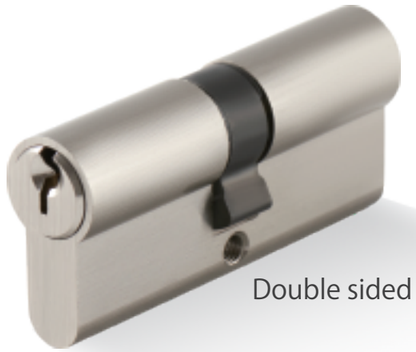
- Standard Yale Keyway.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Customize any lengths for your project.
- Customize any finishes for your project.
- Low MOQ to help you win the project.
- Available for making master key system.



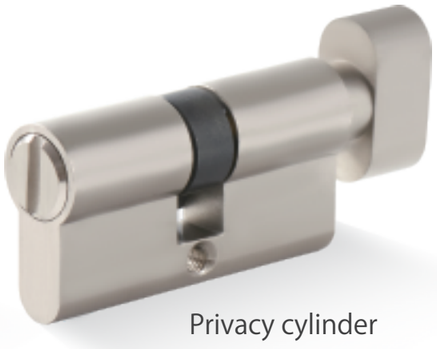
Thumbturn (knob) cylinder



Half cylinder with thumbturn



Double sided key cylinder



Privacy cylinder



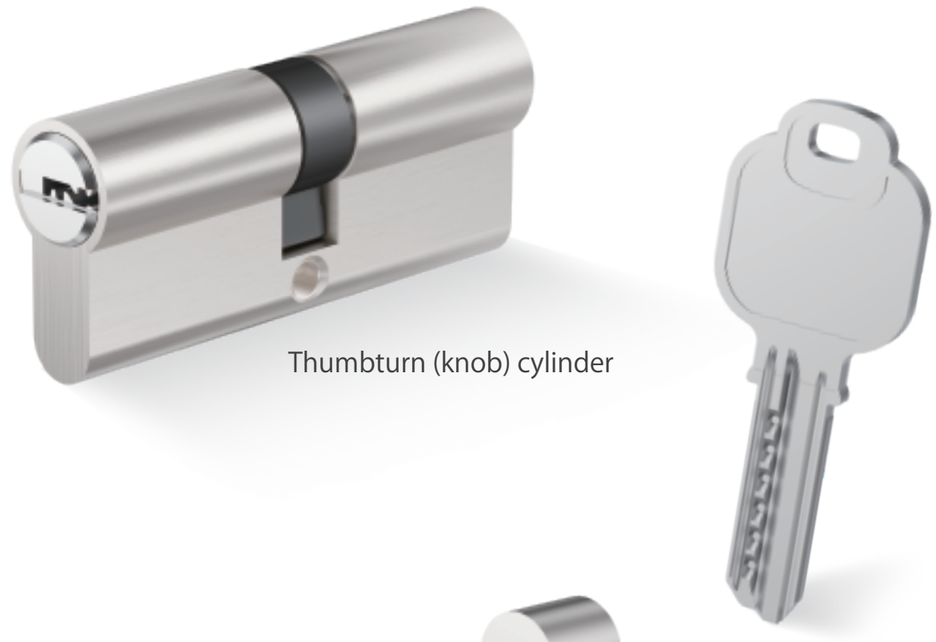
Half cylinder with key



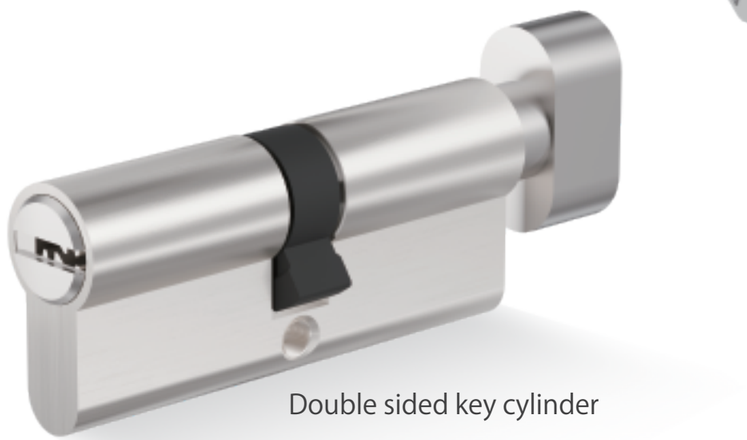
LK1-1

COMPUTER KEY LOCK CYLINDER

- Standard Computer Keyway.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Customize any lengths for your project.
- Customize any finishes for your project.
- Low MOQ to help you win the project.
- Available for making master key system.



Thumbturn (knob) cylinder

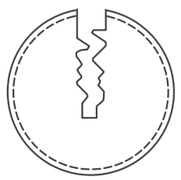


Double sided key cylinder

LK2

ANTI-PICK KEYWAY CYLINDER WITH SIDE PINS

- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Optional to make modular system.
- Optional double-entry function.



Anti Pick Keyway





LK3

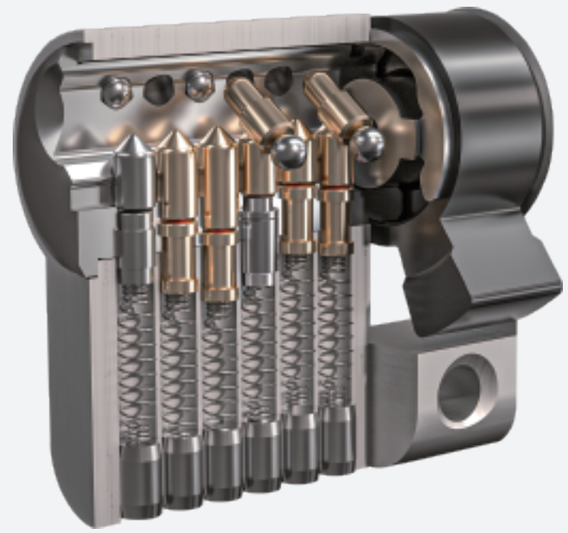
ANTI-PICK KEYWAY CYLINDER WITH SIDE PINS

- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Optional to make modular system.
- Optional double-entry function.



Anti Pick Keyway



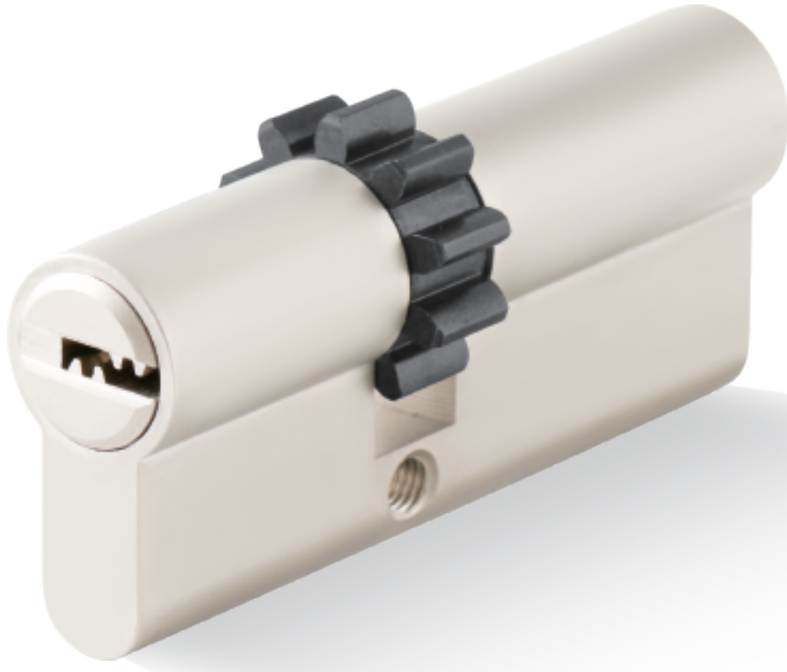


LK13

DIMPLE KEY
7 PIN LOCK CYLINDER

- Customize different keyways to protect your profits.
- Easy to make key duplicate.

  Precision lock cylinder, you can assemble complete cylinders locally
- with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.





LK31 / LK32

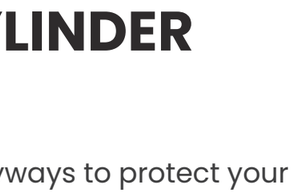
ACTIVE PINS AND PASSIVE PINS SECURITY CYLINDER

- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Anti-bumping, anti-drilling, anti-breaking features.

  Precision lock cylinder, you can assemble complete cylinders locally with
- just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.



Sacrificial Cut Anti-snap



Anti-Drill Protection After Snaping

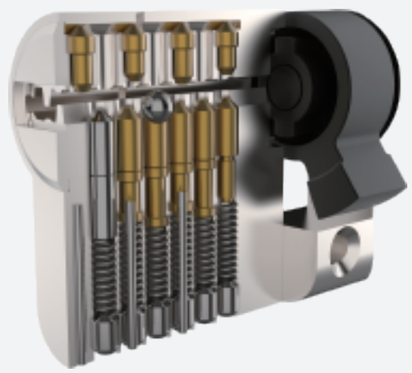


Anti-Break Protection



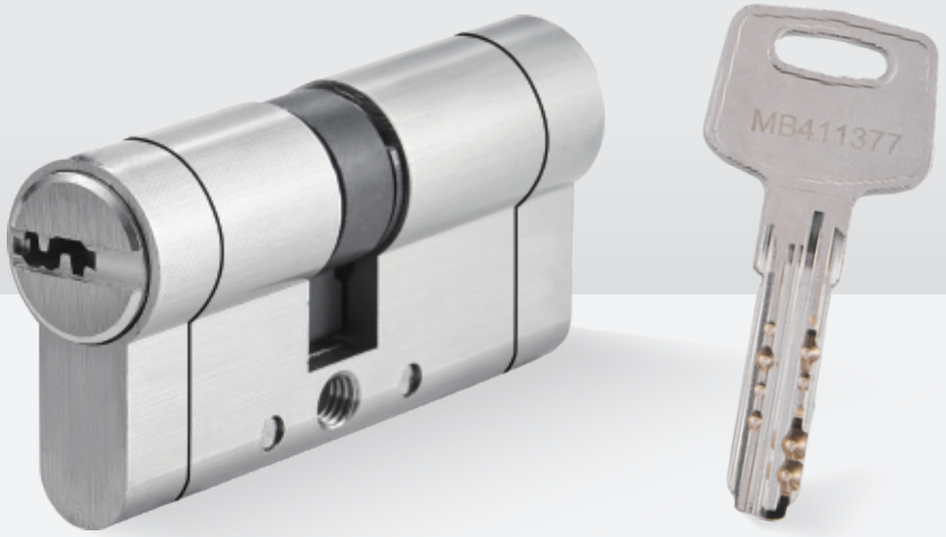


LK31



LK32





LK33 ACTIVE PINS AND PASSIVE PINS SECURITY CYLINDER

- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Anti-bumping, anti-drilling, anti-breaking features.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.
- Customize to pass security cylinder certificate.
- Optional to make modular system.
- Optional double-entry function.

Padlock-1

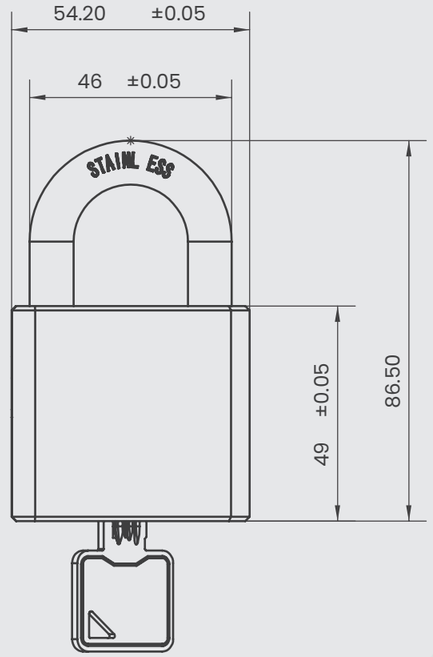
ADJUSTABLE CAM HALF CYLINDER WITH EUROPEAN PROFILE BRASS PADLOCK

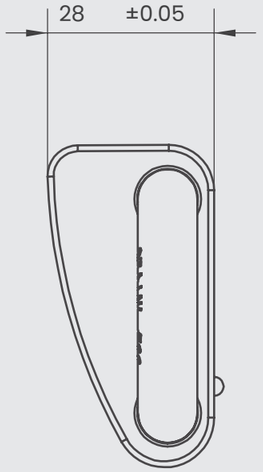
- Hardened steel shackle, brass lock body.
- Adjustable cam European profile half cylinder 30/10mm or 35/10mm.
- Available for making Master Key and Key Aliked system with European profile cylinder.















Padlock-2

HIGH SECURITY ROUND PADLOCK "HOCKEY-PUCK"

- Body and bolt: hardened steel.
- Rotate key 90˚ key to unlock, then withdraw the bolt.
- Compatible with EOSYS lock cylinder models.



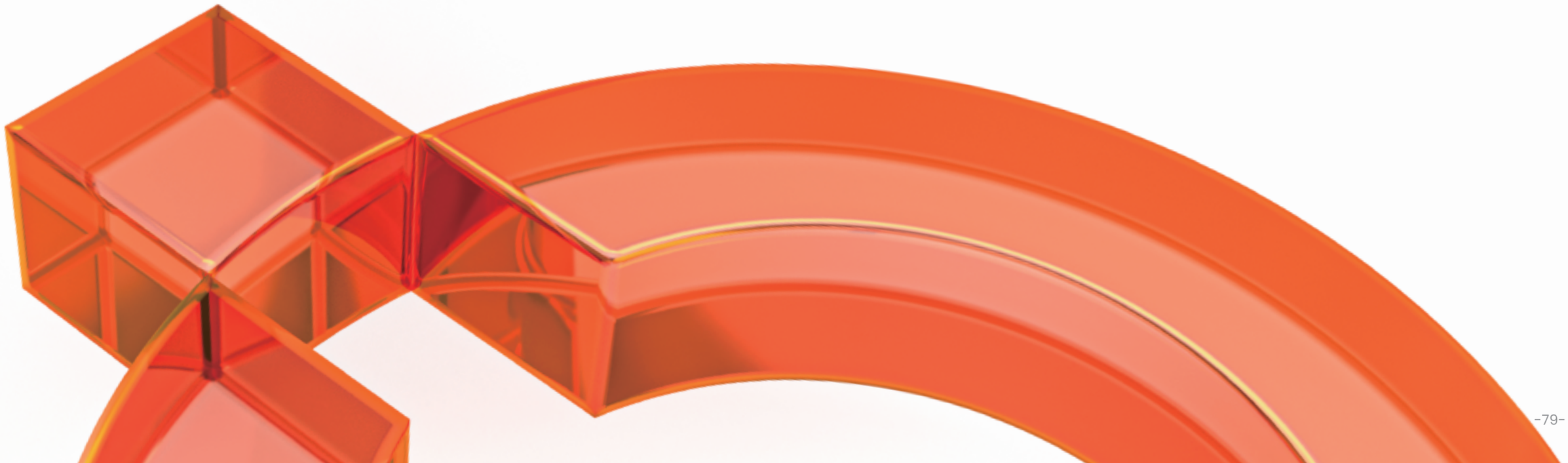






AMERICAN STANDARD CYLINDER

LK5/LK6/LK8	Mortise Cylinder	P80
LK9/LK10/LK11	rim cylinder	P82
LK20/LK26/LK23/LK23-T/LK29	Anti-Pick Keyway Cylinder with Side Pins	P84



LK5 MORTISE CYLINDER



UL CAM ADAM -1



UL CAM YALE -2



LK5-Brass



LK5-Zinc





LK5-T-Brass



LK5-T-Zinc



LK5-D-Brass



LK5-D-Zinc



LK6 RIM CYLINDER







LK6-Brass



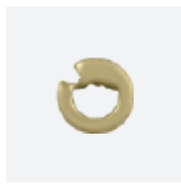


LK6-Zinc



LK8 KIK CYLINDER









LK5 / LK6 / LK8

AMERICAN STANDARD LOCK CYLINDER

- Standard SC1 or KW1 keyway.
- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Suitable for Mortise, KIK, RIM and RIMO cylinder.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.

LK9 / LK10 / LK11

SMALL FORMAT INTERCHANGEABLE CORE (SFIC)

- Standard BEST A keyway. Standard BEST A-2 system pins.
- Customize different keyways.
- Easy to make key duplicate.
- Suitable for Mortise, KIK, RIM and RIMO cylinder housings.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.
- Customize your logo on the product and packing.
- Available for making master key system.

LK9 SFIC (SMALL FORMAT INTERCHAGEABLE CORE)



6 Pins Combinated



6 Pins Uncombinated

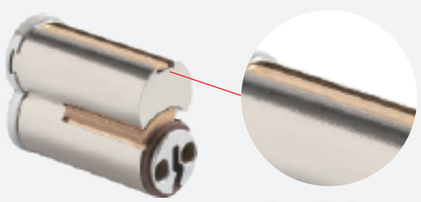


7 Pins Combinated



7 Pins Uncombinated





Easy To Repin



LK10 SFIC MORTISE HOUSING









LK11 SFIC RIM HOUSING









LK20





LK26





LK23 LK23-T





LK29

TELESCOPIC PIN LOCK CYLINDER WITH MOVE ELEMENT

- Customize different keyways to protect your profits.
- Easy to make key duplicate.
- Suitable for Mortise, KIK, RIM and RIMO cylinder.
- Precision lock cylinder, you can assemble complete cylinders locally with just parts.

- Customize your logo on the product and packing.
- Available for making master key system.
- Available with key code card.



SCANDINAVIAN OVAL CYLINDER

LK35-F/LK35-B/LK35-W/LK35-T
Scandinavian Oval Lock Cylinder P88

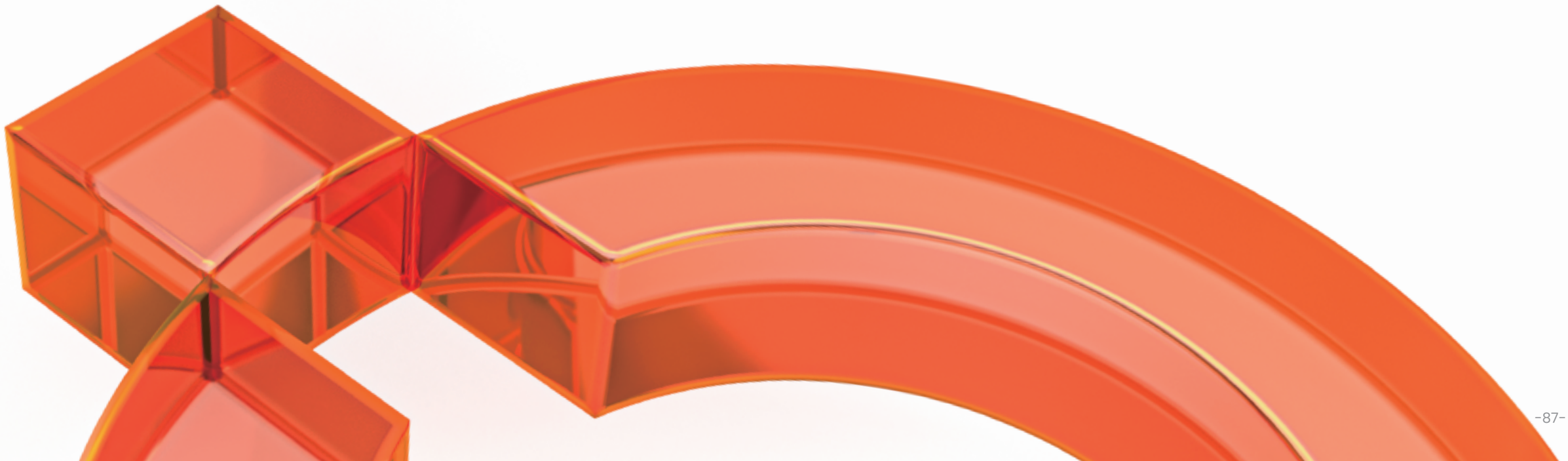
LK34/LK34-T Scandinavian Oval Lock Cylinder P90

LK36-B Scandinavian Oval Lock Cylinder (ROKOKO) P92

LK38 Finnish Door Cylinder P94

LK37-F/LK37-T Scanginavian Type Lock Cylinder P96

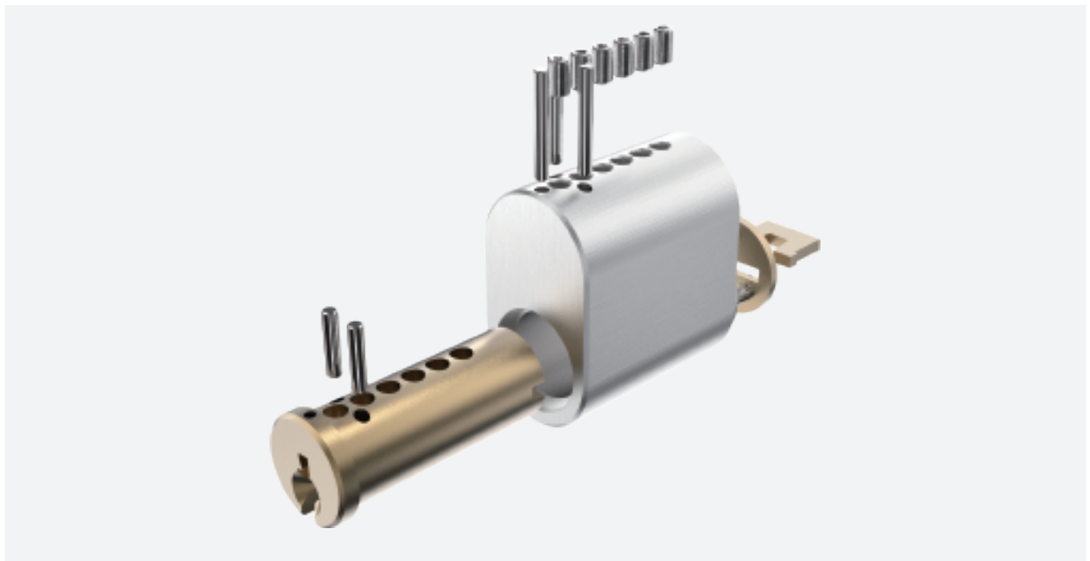
LK46-F/LK46-B/LK46-T
Scandinavian Round Lock Cylinder P98

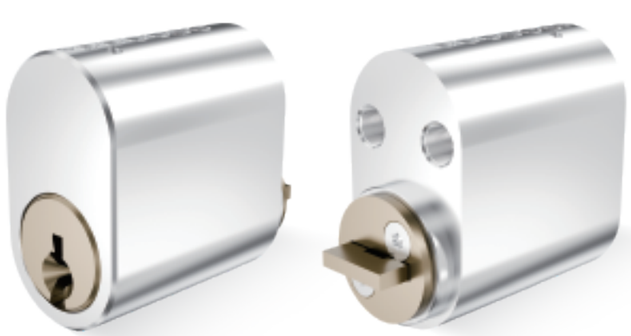


LK35-F/-B/-W/-T

SCANDINAVIAN OVAL LOCK CYLINDER

- Using standard TV-3D key profile, key blank and sleeve ring.
- Optional protected key profile and security card.
- Standard cylinder for the module series.
- Anti pick driver pins and anti drilling pins on the plug and housing.
- 3 Brass or silver nickel key.
- Optional Allen screw seal pin.





LK35-F



LK35-B



LK35-W



LK35-T



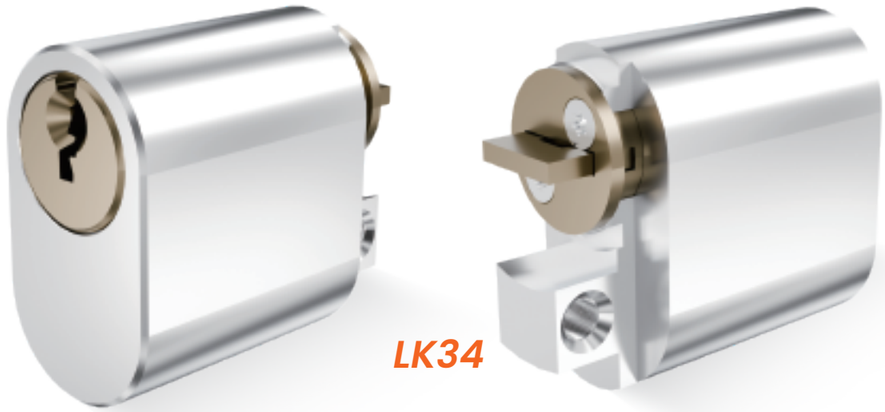


Long Tail Piece Version

LK34 / LK34-T

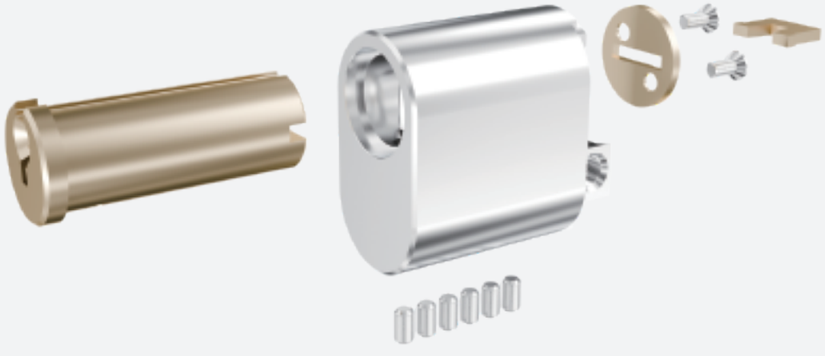
SCANDINAVIAN OVAL LOCK CYLINDER

- Using standard TV-3D key profile and key blank.
- Optional protected key profile and security card.
- Standard cylinder for the module series.
- Anti pick driver pins and anti drilling pins on the plug and housing.
- 3 Brass or silver nickel key.
- Optional Allen screw seal pin.









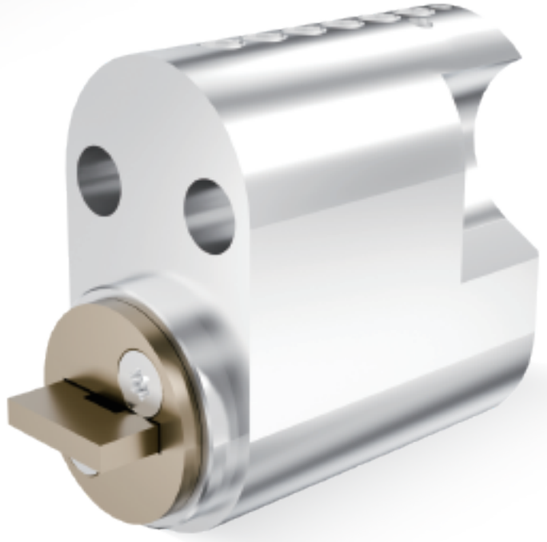
LK36-B

SCANDINAVIAN OVAL LOCK CYLINDER (ROKOKO)

- Using standard TV-3D key profile, key blank and sleeve ring.
- Optional protected key profile and security card.
- Standard cylinder for the module series.
- Anti pick driver pins and anti drilling pins on the plug and housing.
- 3 Brass or silver nickel key.
- Optional Allen screw seal pin.



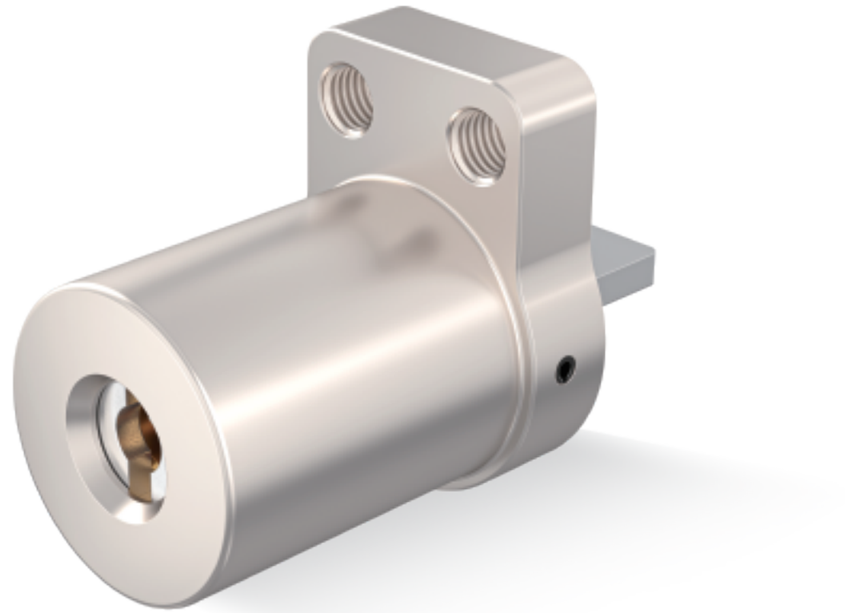




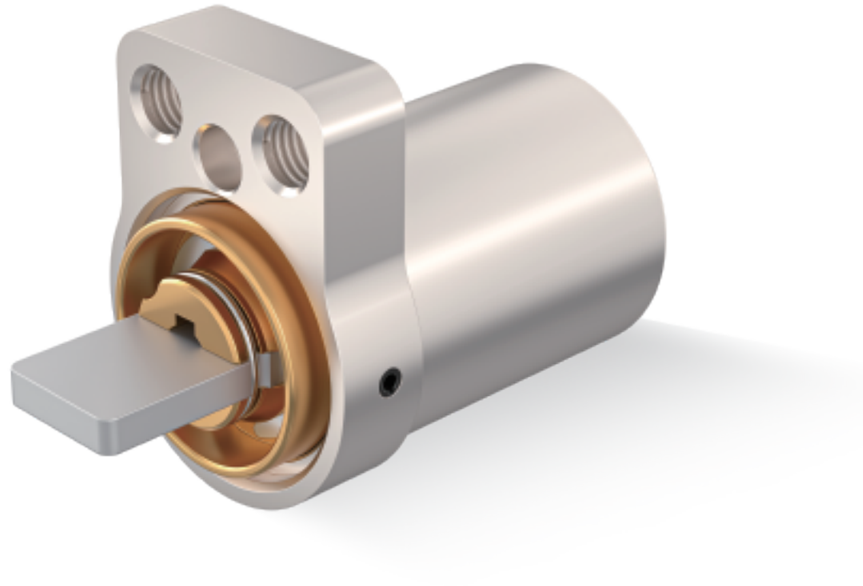
LK38

FINNISH DOOR CYLINDER

- Multi angles active pins.
- Optional protected key profile and security card.
- Available for Finnish type locking solutions.
- 3 Brass keys.



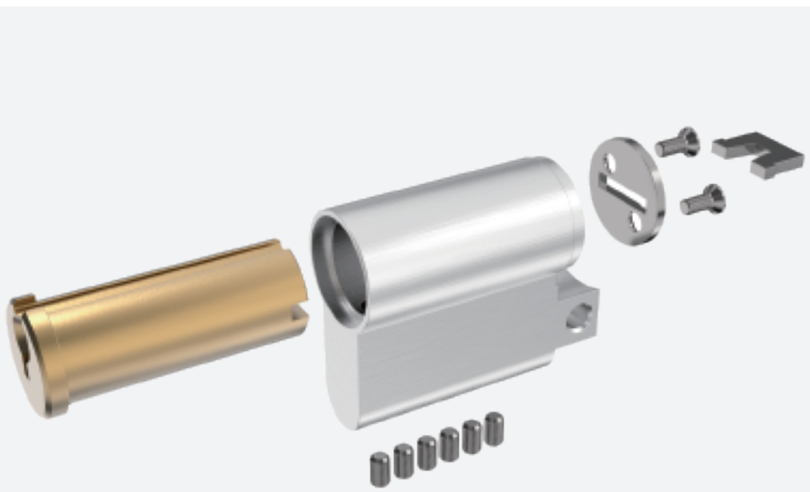




LK37-F / LK37-T

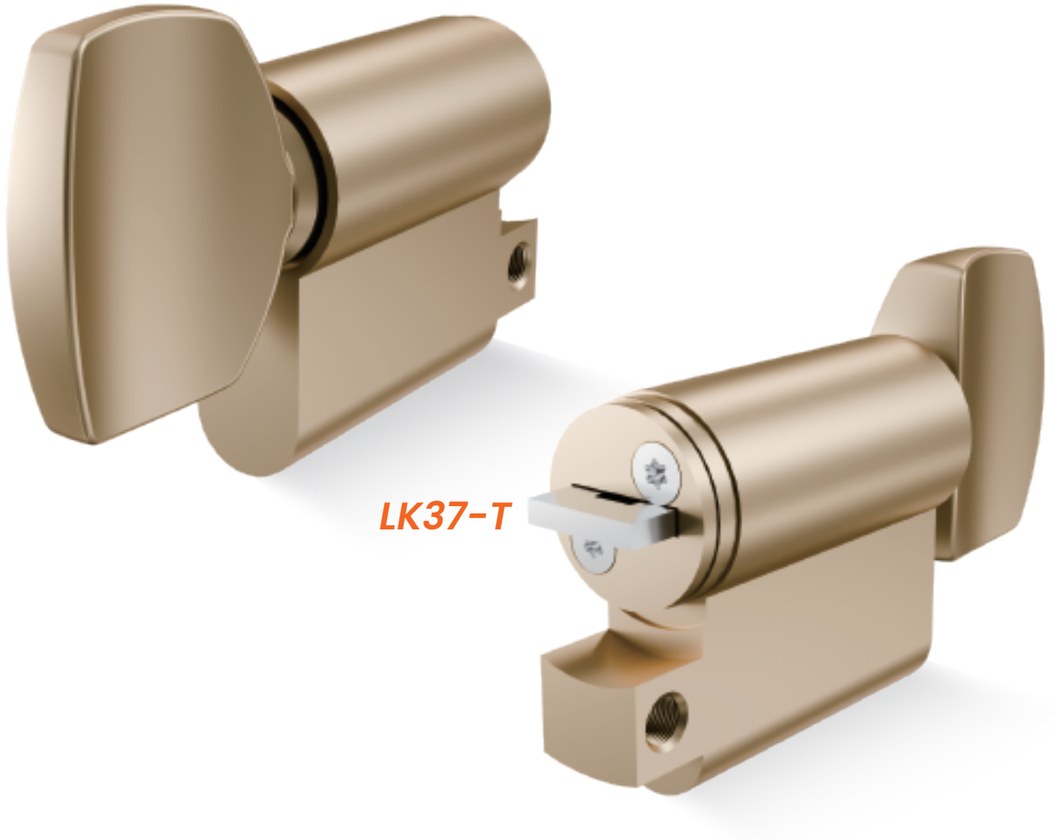
SCANDINAVIAN TYPE LOCK CYLINDER

- Using standard TV-3D key profile and key blank.
- Optional protected key profile and security card.
- Anti pick driver pins and anti drilling pins on the plug and housing.
- 3 Brass or silver nickel key.
- Optional Allen screw seal pin.





LK37-F



LK37-T

LK46-F / -B / -T

SCANDINAVIAN ROUND LOCK CYLINDER

- Using standard TV-3D key profile and key blank.
- Optional protected key profile and security card.
- Standard cylinder for the module series.
- Anti pick driver pins and anti drilling pins on the plug and housing.
- 3 Brass or silver nickel key.
- Optional Allen screw seal pin.





With Stainless Steel Trim



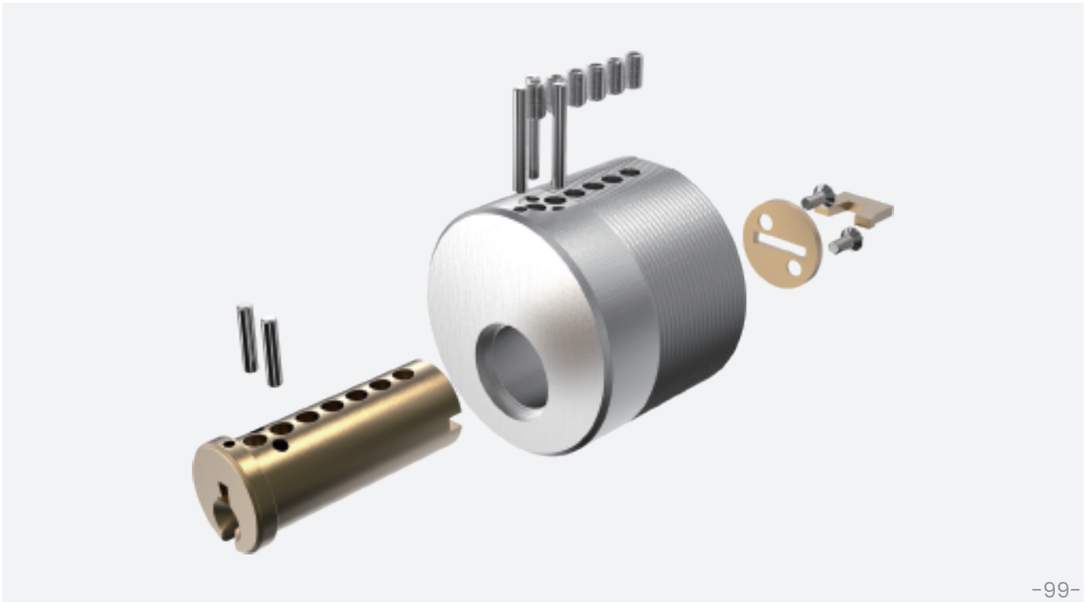
LK46-F



LK46-B

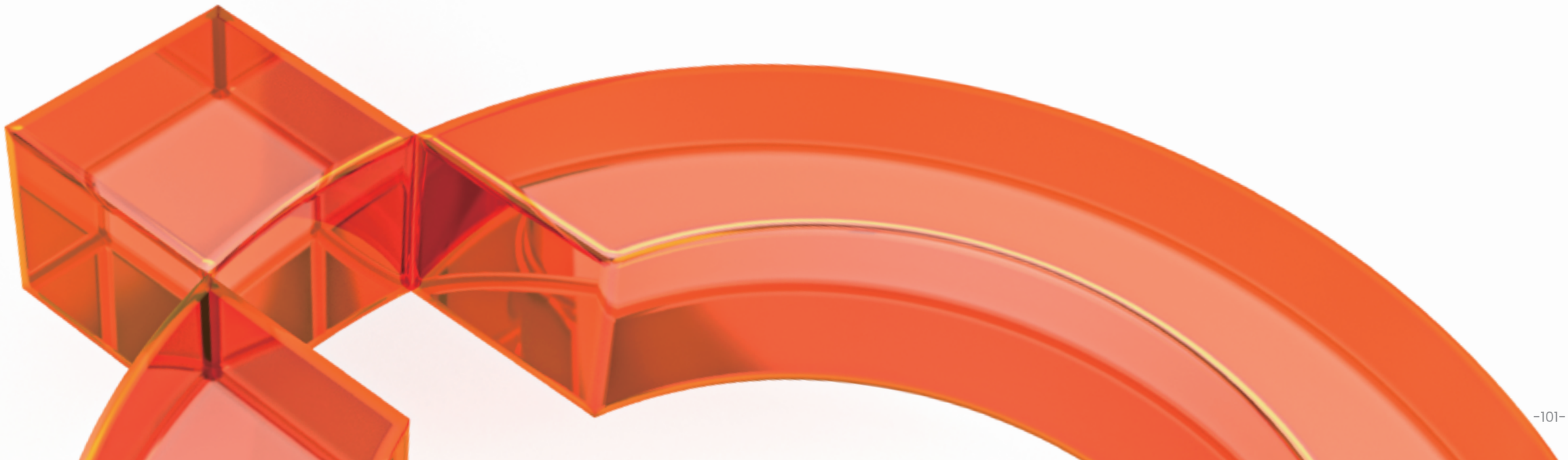


LK46-T



AUSTRALIAN OVAL CYLINDER

LK41	Australian Oval Cylinder	₱102
LK42	Screen Door Cylinder	₱104

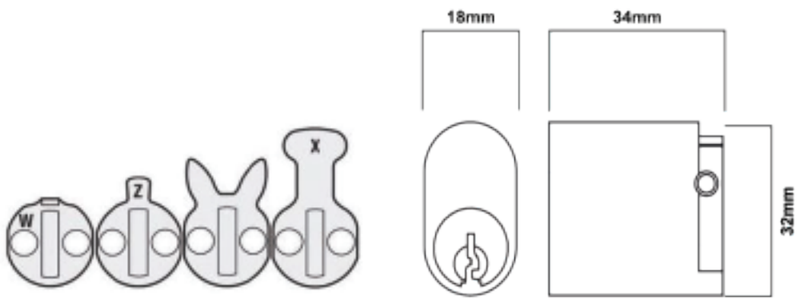


LK41

AUSTRALIAN OVAL CYLINDER

- C4 key profile, restricted keyway is optional.
- Optional Satin nickel, Satin chrome or black finsih.
- Optional allen screw seal pin for repin or conseal seal pin.
- Construction key nad master key systems are available upon request.
- Supplied with the 4 most common cams.





LK42

SCREEN DOOR CYLINDER

- Suits most hinged and sliding security door locks.
- Lazy cam.
- Brass barrel and zinc body construction.
- 2 brass keys.
- Polished chrome finish.
- 62.5mm length.
- Removal cap for easy rekeying.



OTHER FUNCTIONS

AVAILABLE FINISHES
PC, SC, VN (Vibrated), PN, SN,SBN, PB, SB, PVD, PG, AB BLK

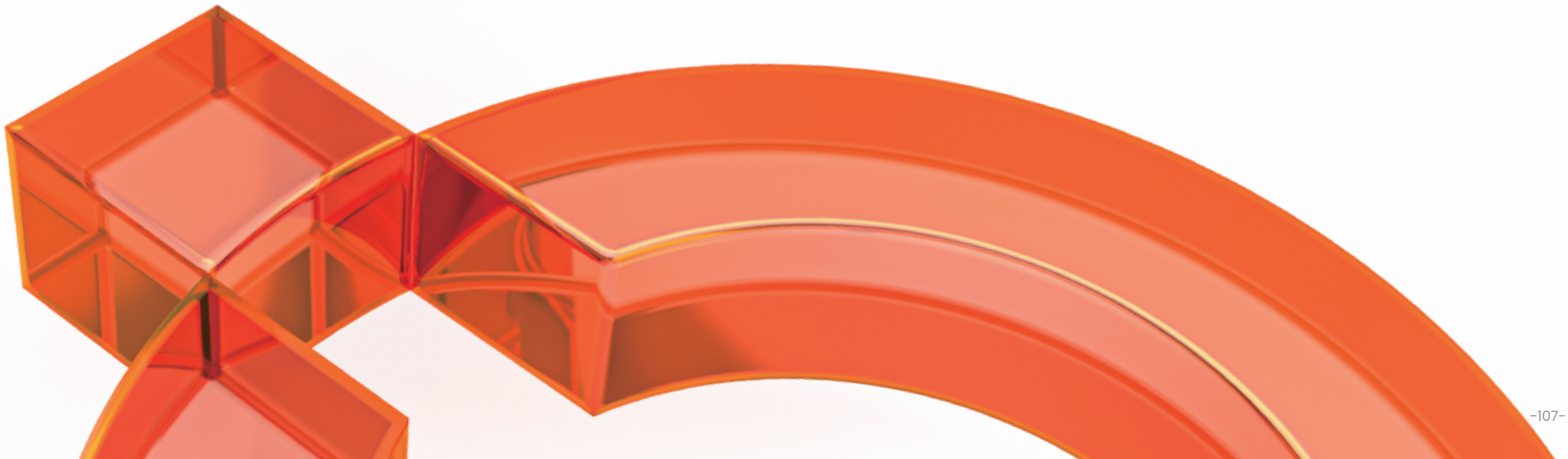
P108

AVAILABLE PLASTIC KEY HEAD IDEAS
Available Plastic Key Head Ideas

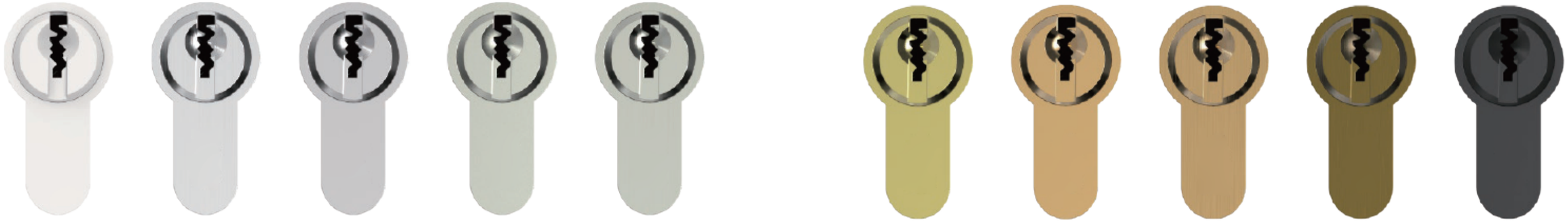
P108

AVAILABLE FUNCTIONS
Emergency Lock Cylinder,Shaft cylinder

P110



AVAILABLE FINISHES



AVAILABLE PLASTIC KEY HEAD IDEAS



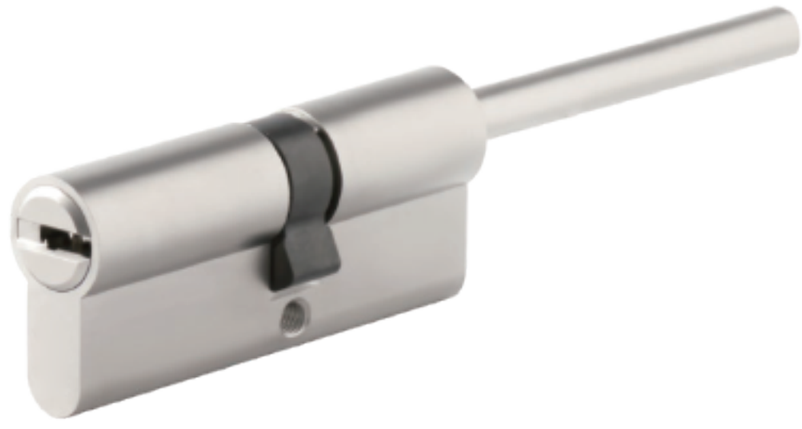
AVAILABLE FUNCTIONS



EMERGENCY LOCK CYLINDER

Double-Clutch Function





SHAFT CYLINDER

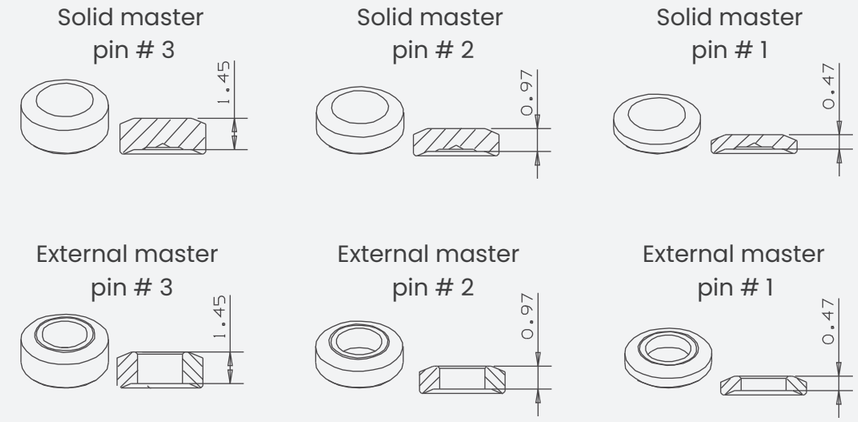
Shaft Cylinder

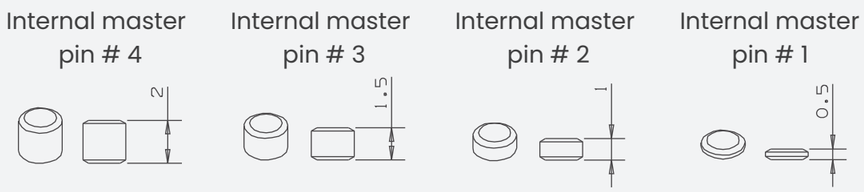
TELESCOPIC PIN CYLINDER COMPONENTS

FOR MODEL: P1, S1, LK16, LK17,
LK20, LK26, LK23, LK29, LK52

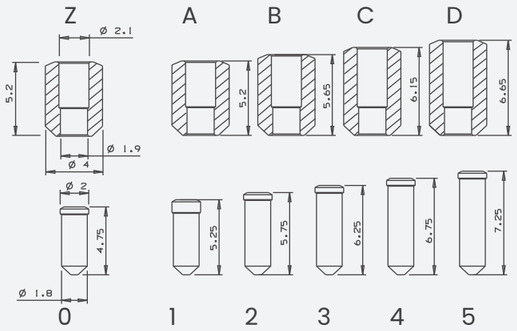


MASTER PINS (Unit: MM)





TELESCOPIC KEY PINS (Unit: MM)



DIFFERENT ACCESSORIES FOR DIFFERENT FUNCTIONS

FOR MODEL: P1, P2, LK13, LK16, LK17

	10-tooth gear cam
	Thumbturn single open normal cam
	Thumbturn clutch
	Thumbturn + thumbturn plug
	Double open normal clutch
	Double open normal cam
	Emergency double clutch

