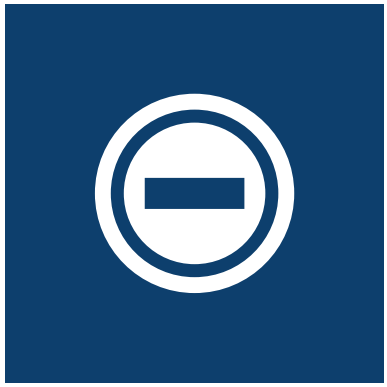
CVL Engineering (PTY) Ltd





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CVL Engineering (PTY) Ltd

Risi Locks

Manufacturers of steel security doors since 2011

Substations, Minisubs, Brick Kiosks, Pole Boxes,
Pillar Boxes and Electrical Enclosures

INDUSTRY CHALLENGES

- Vandalism
- Illegal Connections
- Theft
- Safety



CURRENT CLIENTS

- Eskom
- Transnet
- Vodacom
- Cell C
- Midvaal Water Company

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Introduction to Risi Locks

The Risi locking system is a unique mechanical locking system that works via a series of patented features. The exterior side of the door has a Risi Cover, which restricts access via a Coded key , and this operates the coded locking device.

The Interior side of the locking system, has the Coded locking device , which operates a spring loaded shaft mechanism, which latches two bolts (to the top & bottom of the enclosure) in an always closed position. The door is also welded on to secure the door to the housing structure.



The Risi Cover

- The cover is manufactured in 3CR12 and is rust and tamper proof.
- Only allows access to a T-piece, coded key.
- Universal: It can be applied to any kiosk or mini-substation door.



The Risi Key

Coded
The T-piece key is coded (uniquely shaped), so that only the intended user, may operate the device. It can be designated to certain areas by means of a labelling system (eg. A1, B2, C2) restricting access control.

Serialised
In order to keep the system managed the unit can be serialised to ensure that managers can keep strict control on the users of the units supplied.



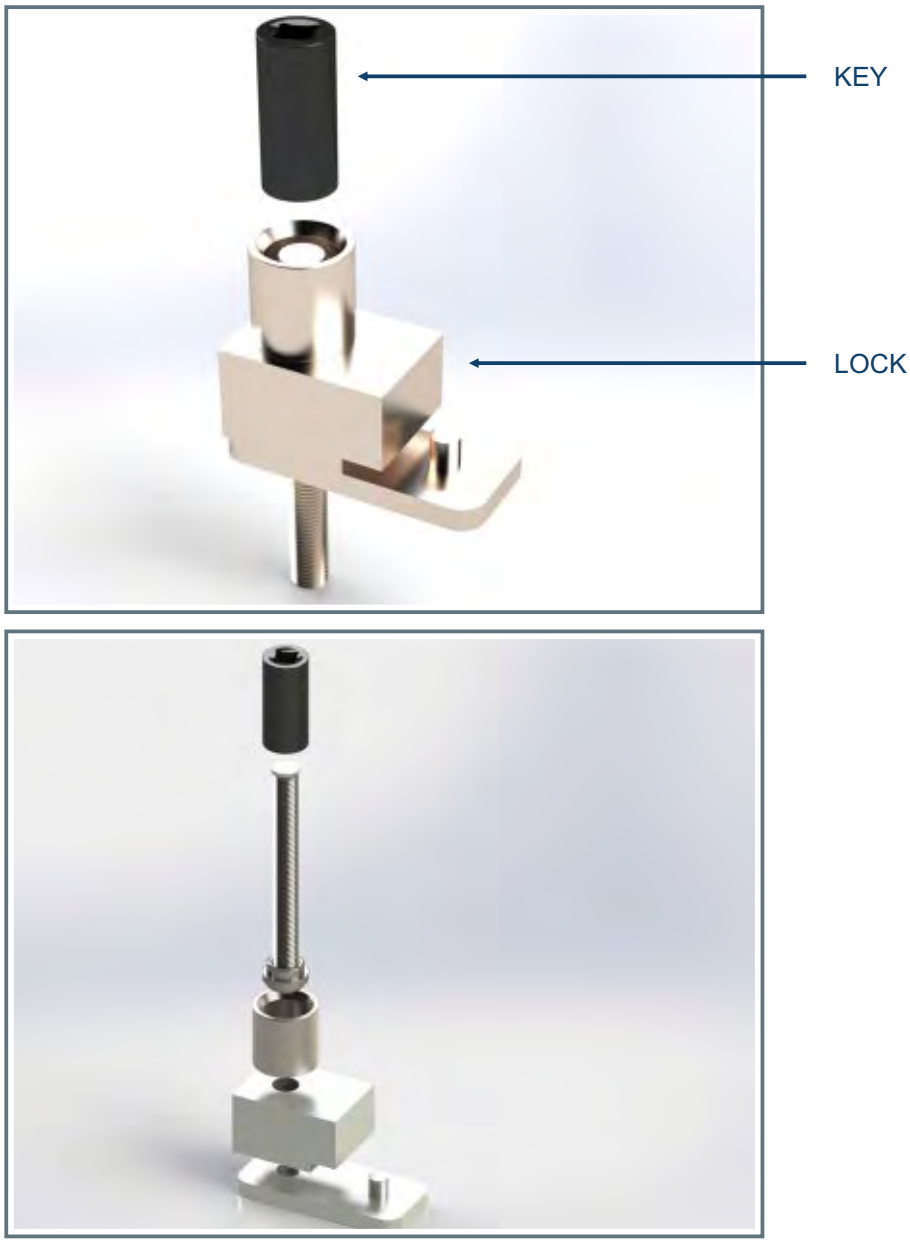
The Risi Locking Mechanism

Coded
The locking device, which activates the spring loaded shaft mechanism, is coded & can only be operated by the special T-piece Key. It is spring loaded to ensure that it is shock proof & tamper proof. It is made of high pressure die cast zinc alloy or stainless steel.

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities

Transnet Locomotive Battery Cover Lock



Application

- Battery box
- Secure the contents of dangerous and expensive equipment
- Trains
- Lattices

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities



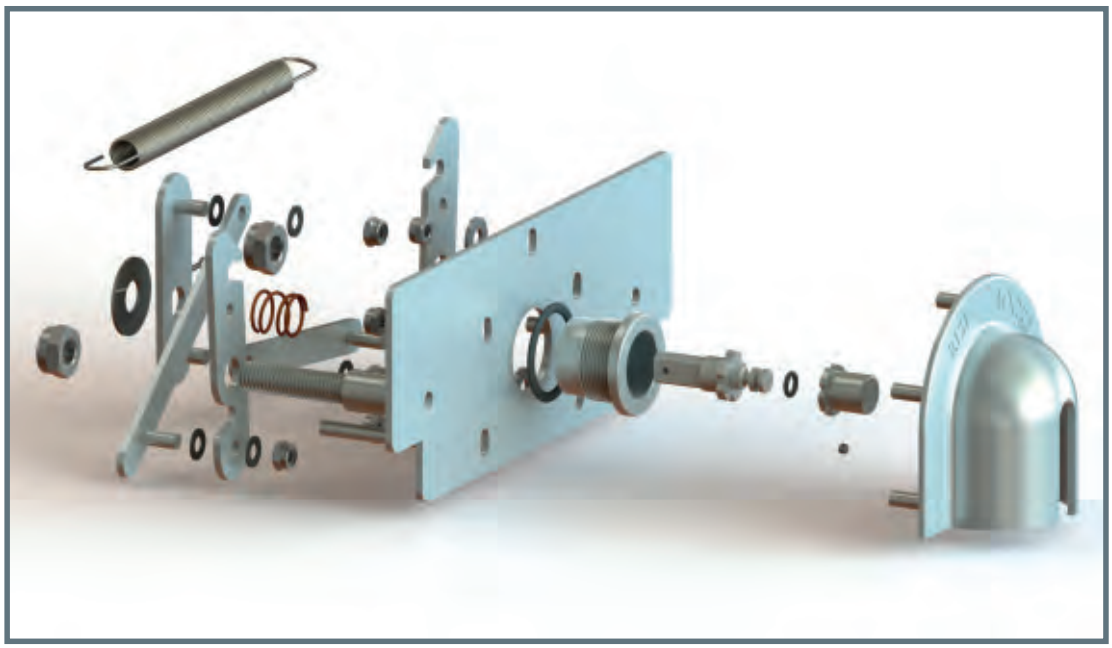


Application: Two Way 12mm c/w Cover

- Power utility box
- Secure the contents of dangerous and expensive equipment
- Kiosks
- Distribution Boxes

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities



The RISA003 locking mechanism can be adapted to any door size.





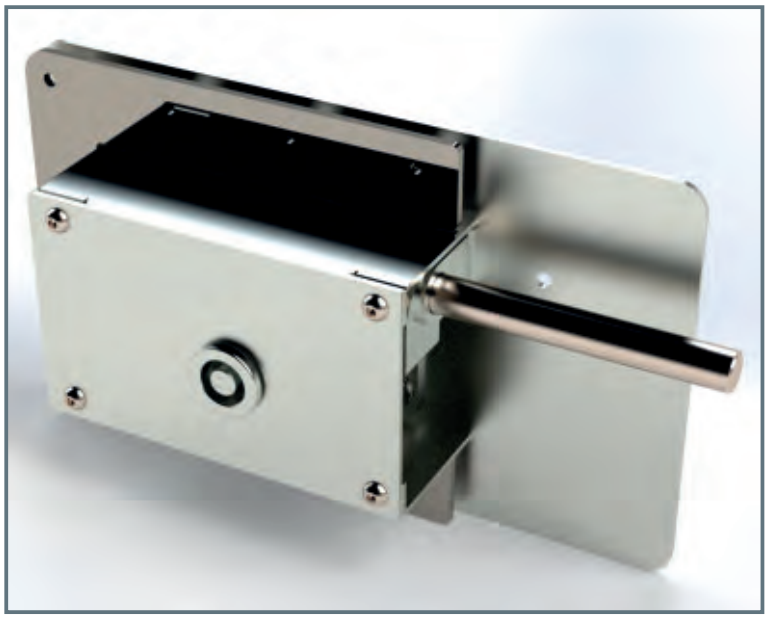
Available in sizes: 300mm, 350mm & 430mm

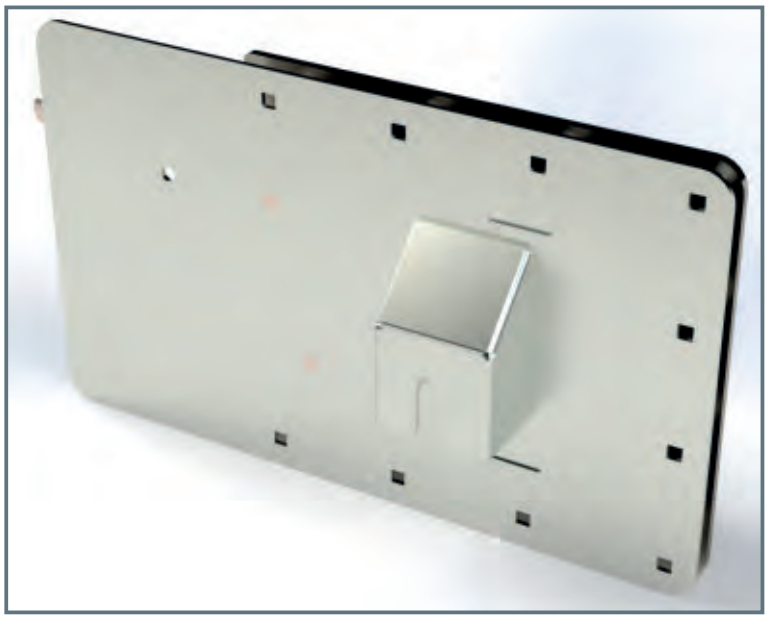
Application: Auto Latch Locking Mechanism

- Power utility box
- Secure the contents of dangerous and expensive equipment
- Auto Latch Kiosks

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities





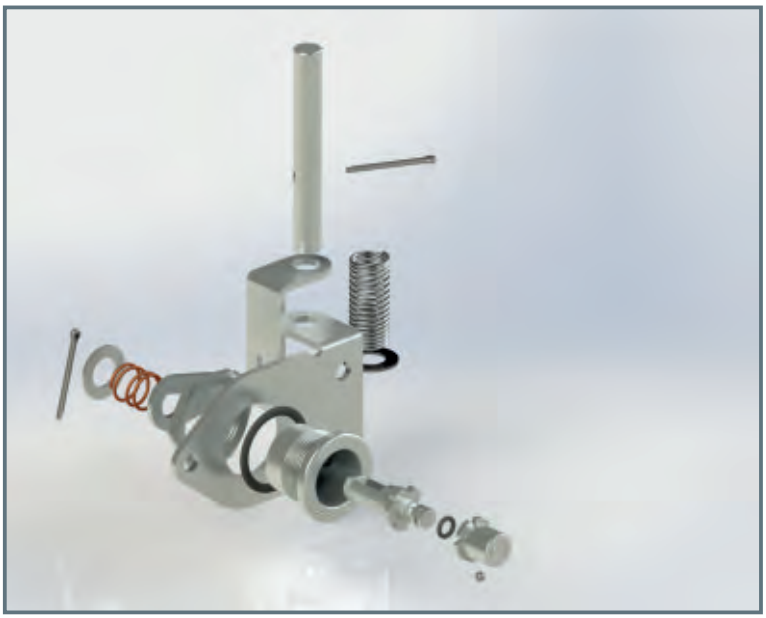
Application: Swing Gate Lock

- Power utility box
- Secure the contents of dangerous and expensive equipment
- Heavy Duty Gates

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities



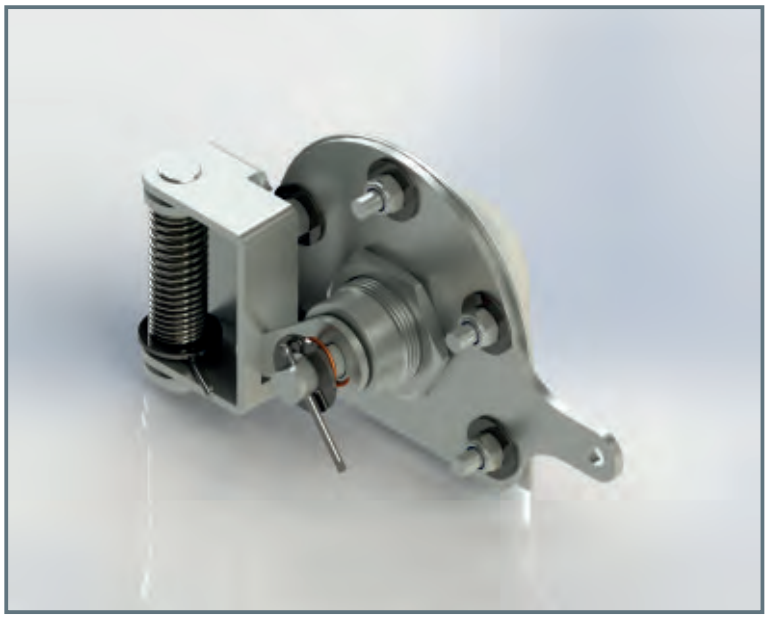


Application: 32mm Meter Box Lock

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities





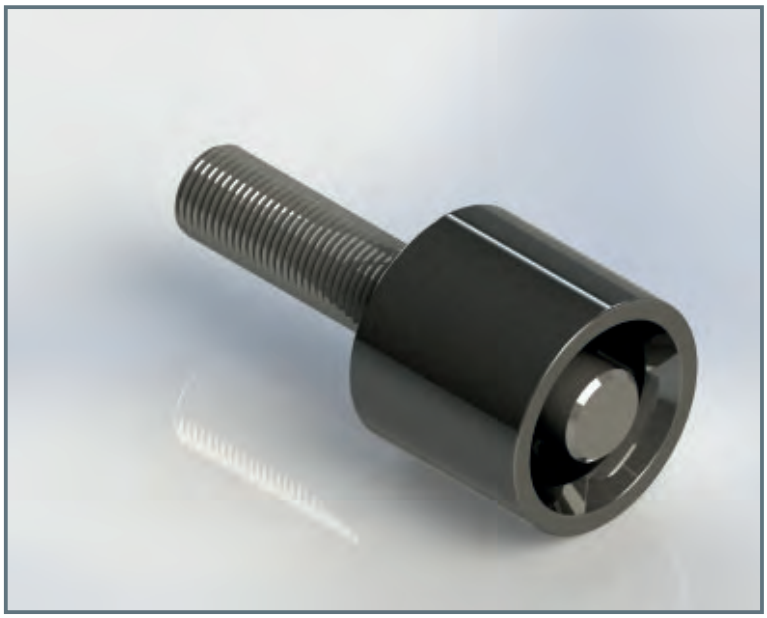
Application: Meter Box

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities

Transnet Transport Wagons





Application: Anto Theft Lock

- Sugar Wagons
- Securing Steel Poles

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





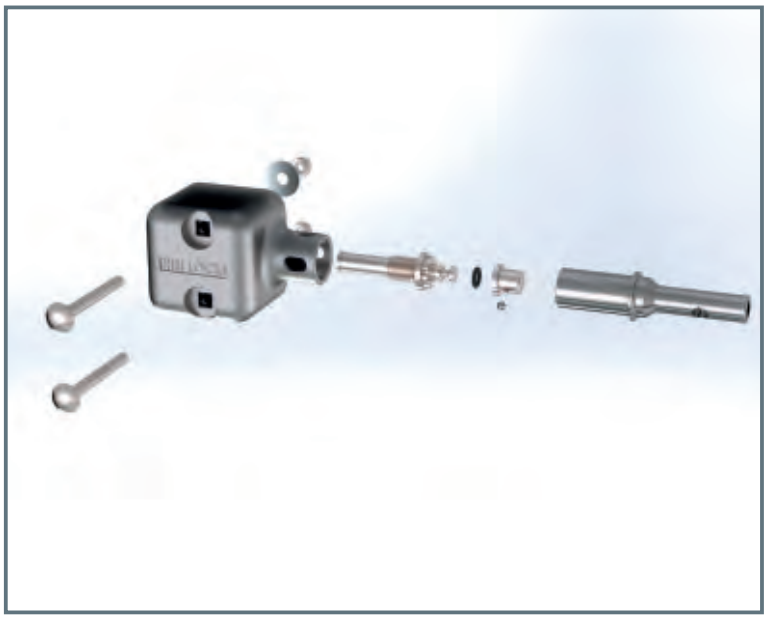
Application: Two Way 16mm c/w Cover

- Power utility box
- Secure the contents of dangerous and expensive equipment
- Mini Substations: HV and LV

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities



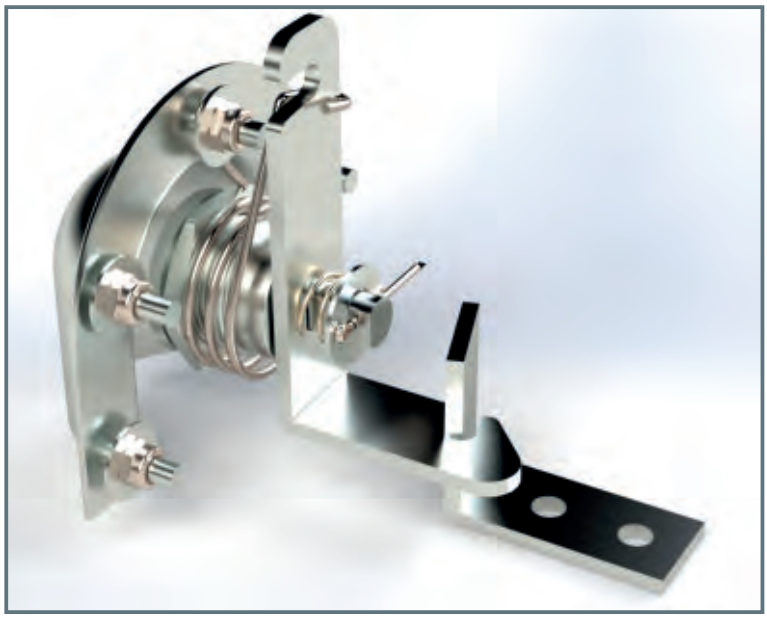


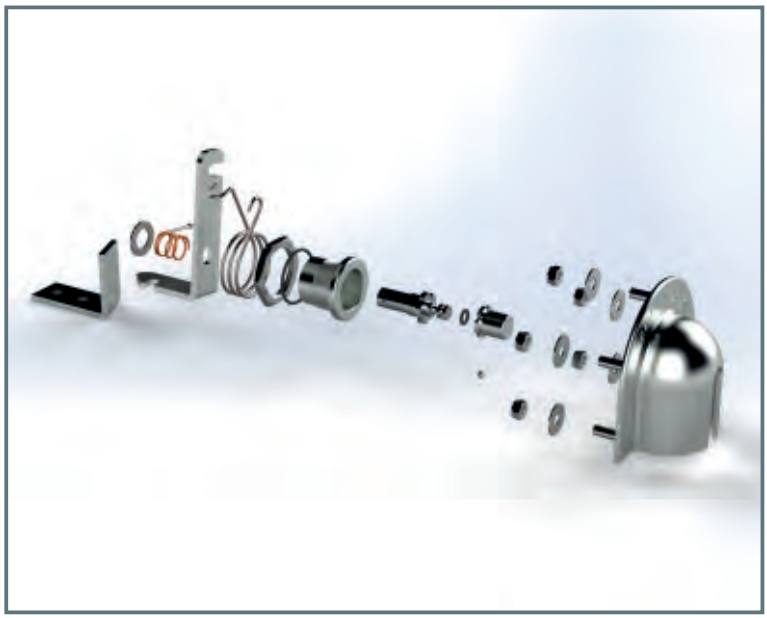
Application

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities



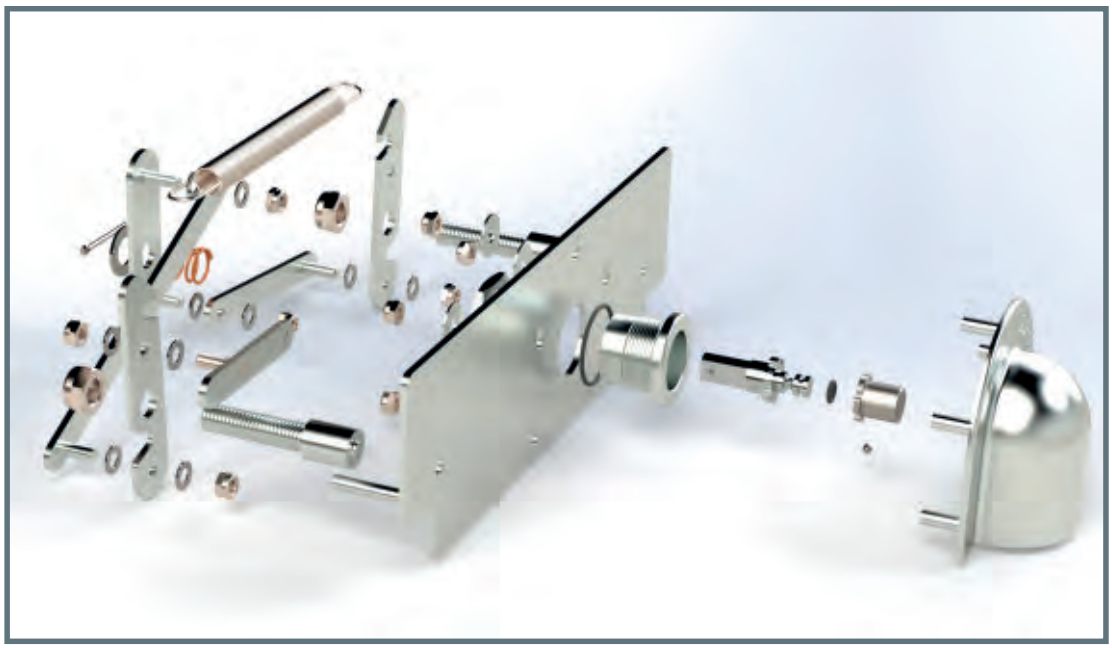


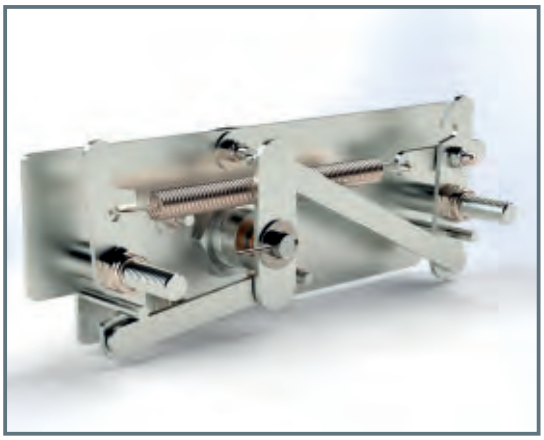
Application: Meter Box Auto Lach Lock / Pole Mounted Enclosures

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





Available in sizes: 300mm, 350mm & 430mm

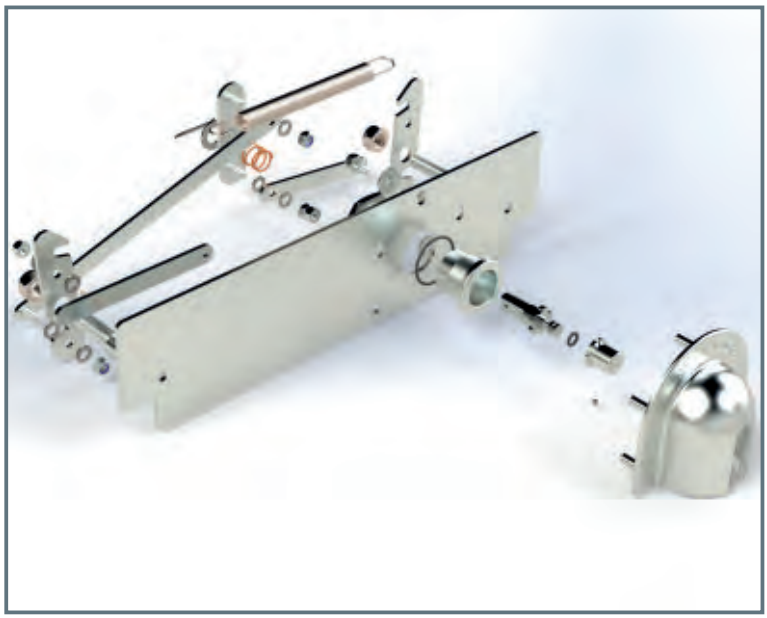
Application

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





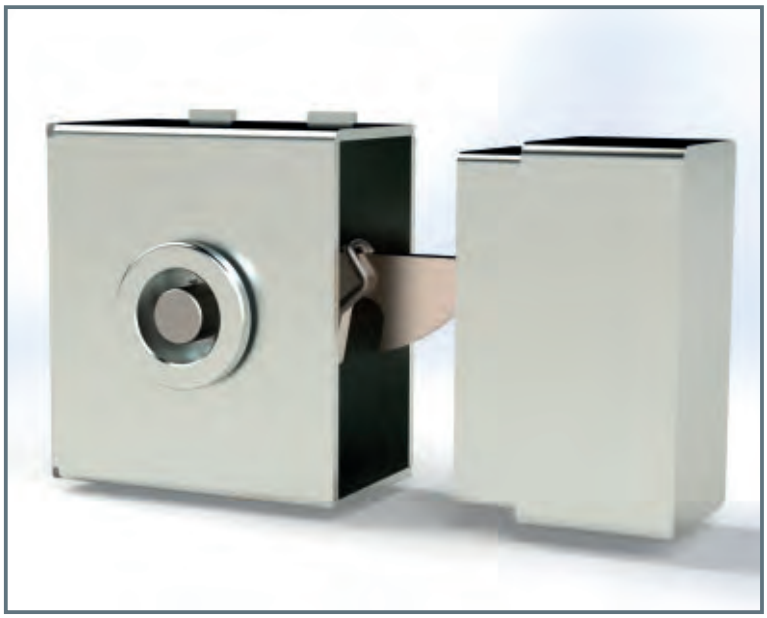
Application

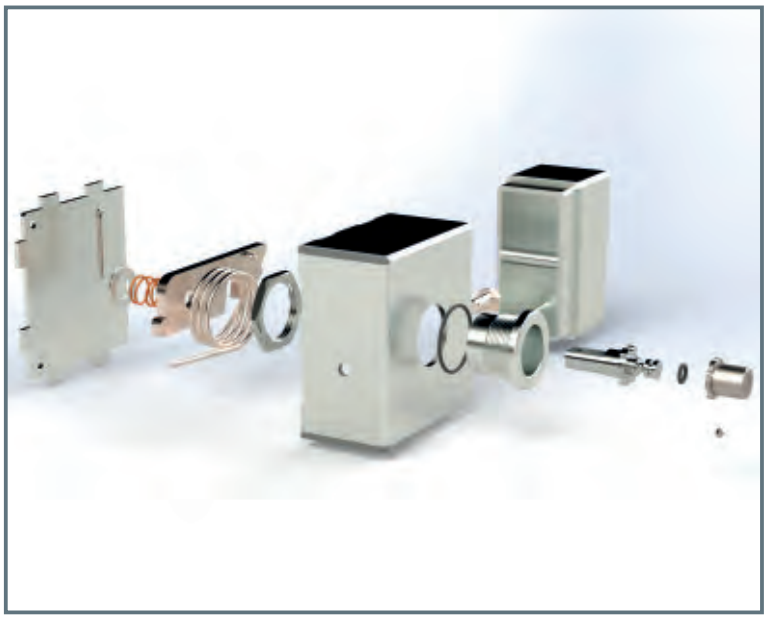
- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Trucks
- Electrical and Water Utilities
- Municipalities

Transnet Battery Cover Lock - Locomotives



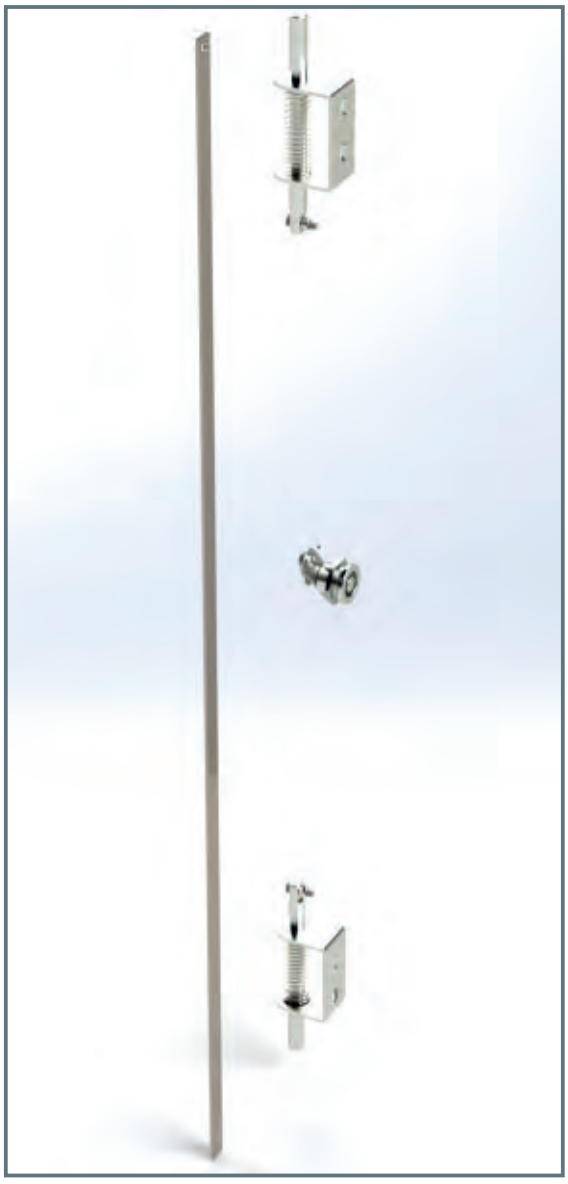


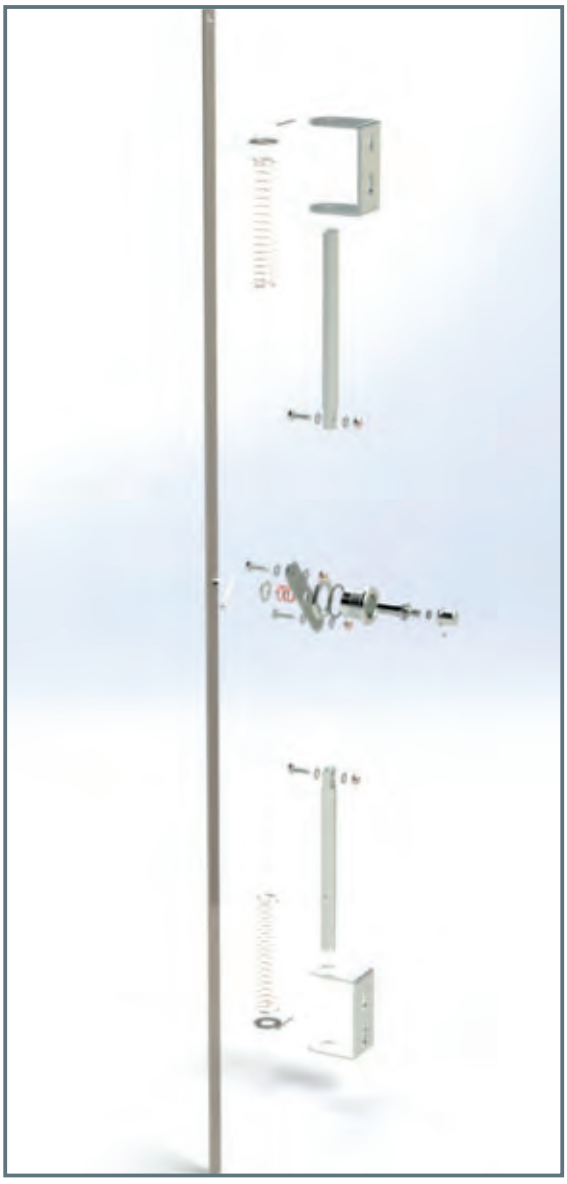
Application: Sliding Gate Auto Lock

- Power utility box
- Secure the contents of dangerous and expensive equipment
- Secure Substation Yards

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





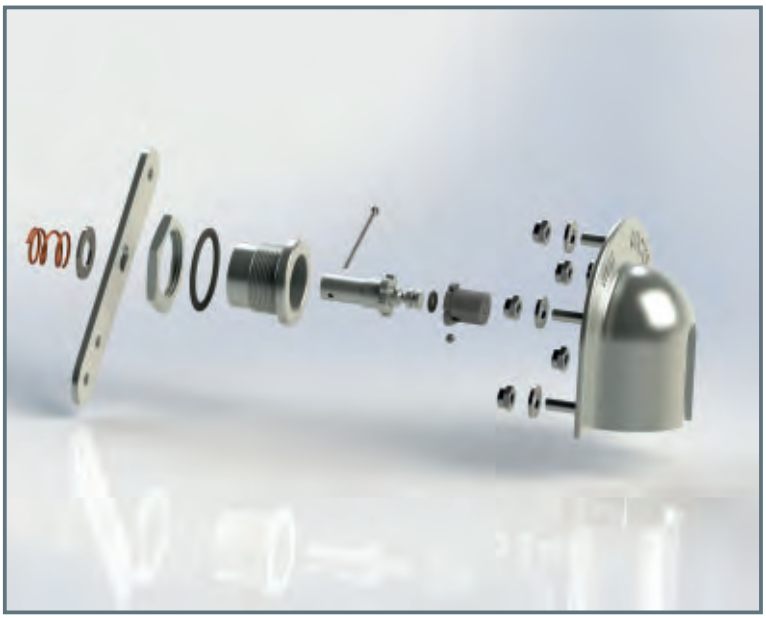
Application

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





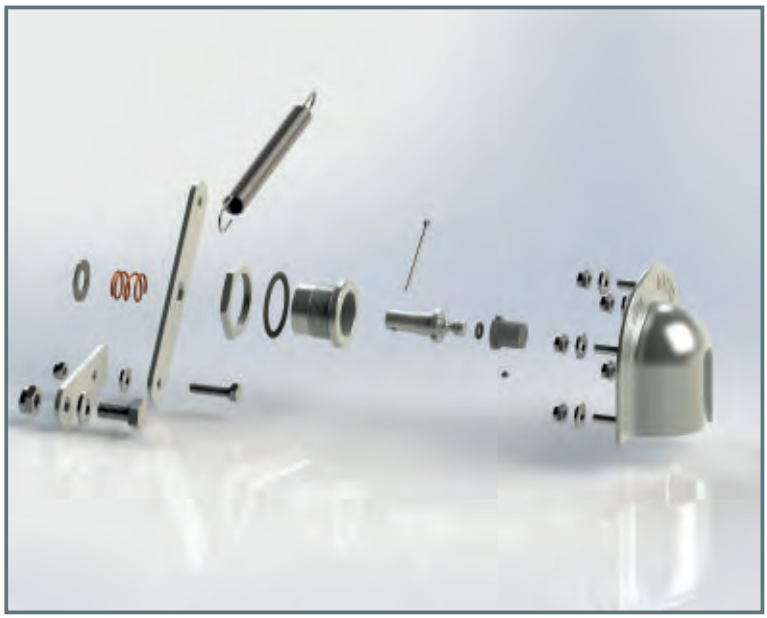
Application

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Transportation: Trains and Trucks
- Electrical and Water Utilities
- Municipalities





HIGH SECURITY

Used for High Security Enclosures c/w a 3-Pin 20mm Spring Loaded Arrangement

Application: Risi Lock with Extended Arms and Spings

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities

Internal Locking System for Secondary Door





Application: Three Way 12mm c/w Cover

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





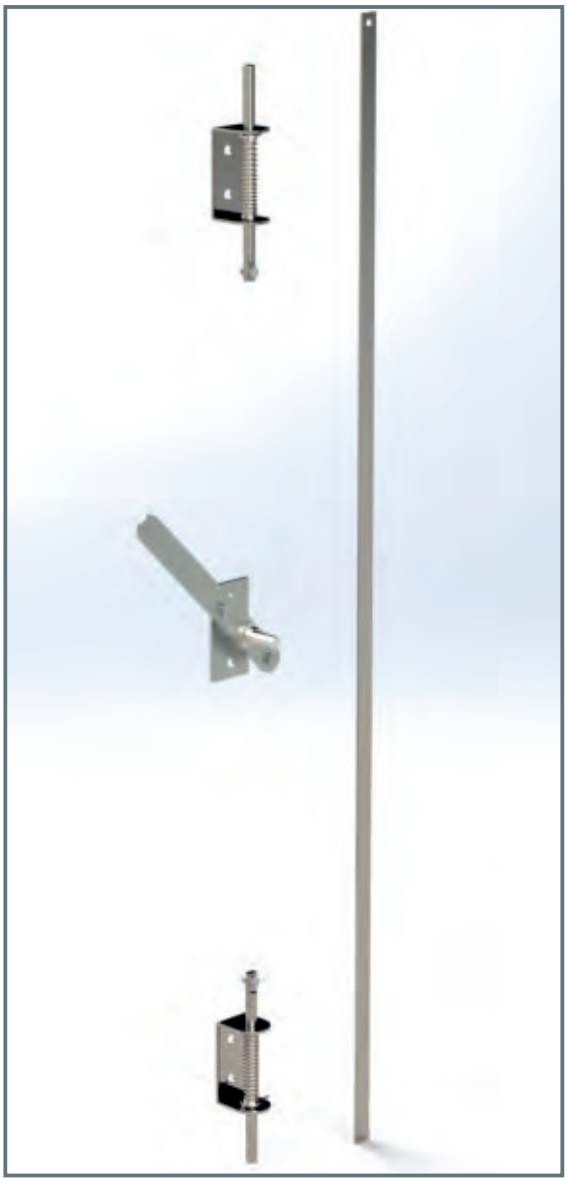
Application: Three Way 16mm c/w Cover

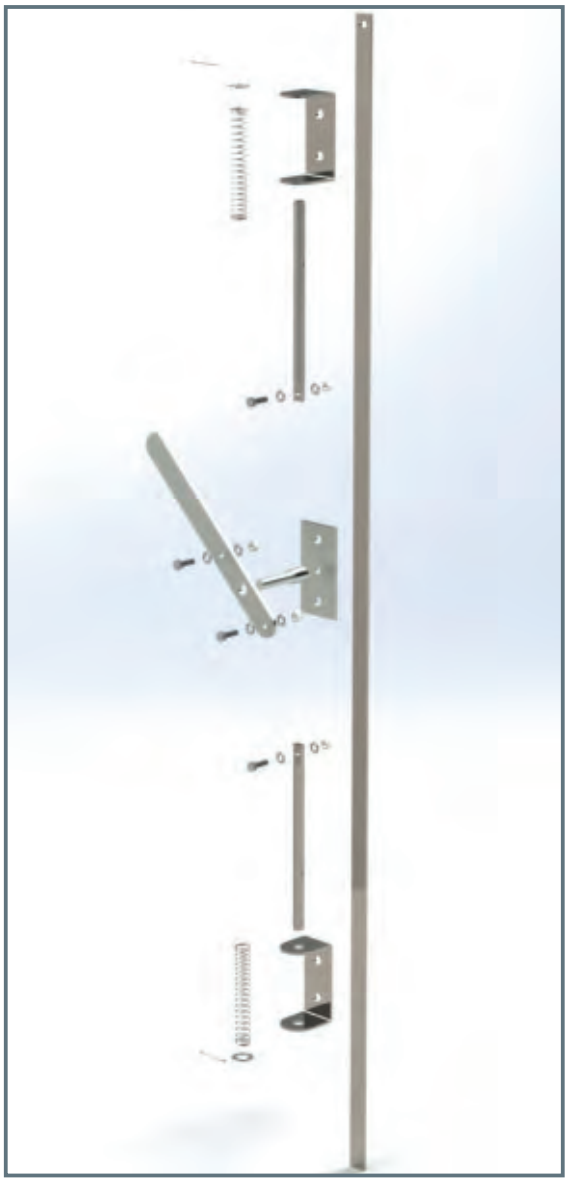
- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities

Internal Locking System for Secondary Door





Application: Two Way 12mm Double Door Internal Handle

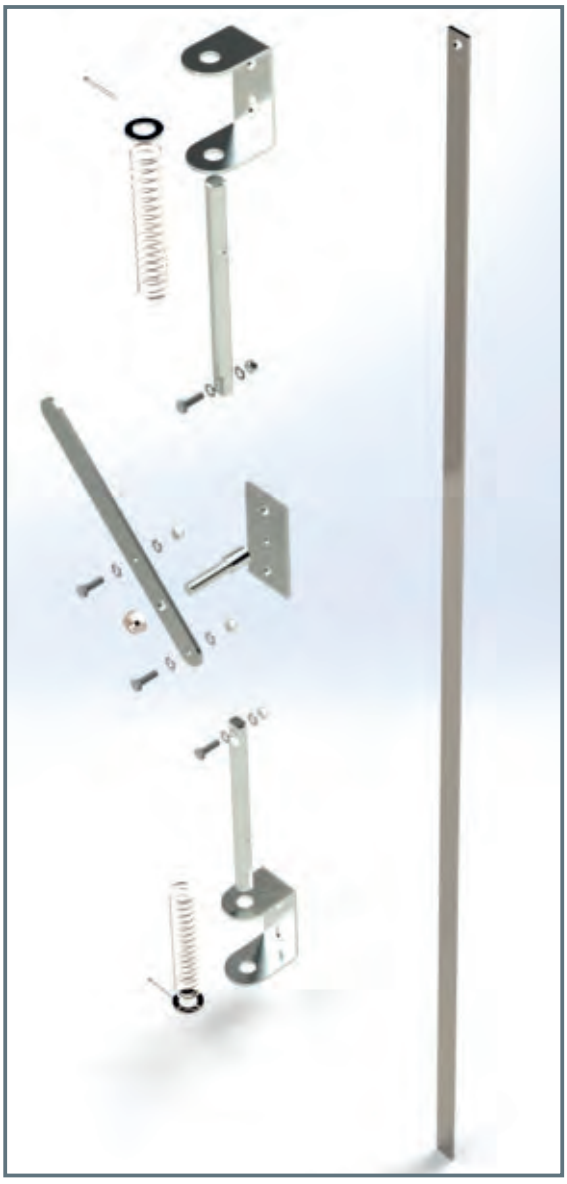
- Power utility box
- Secure the contents of dangerous and expensive equipment
- Mini Substations

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities

Internal Locking System for Secondary Door



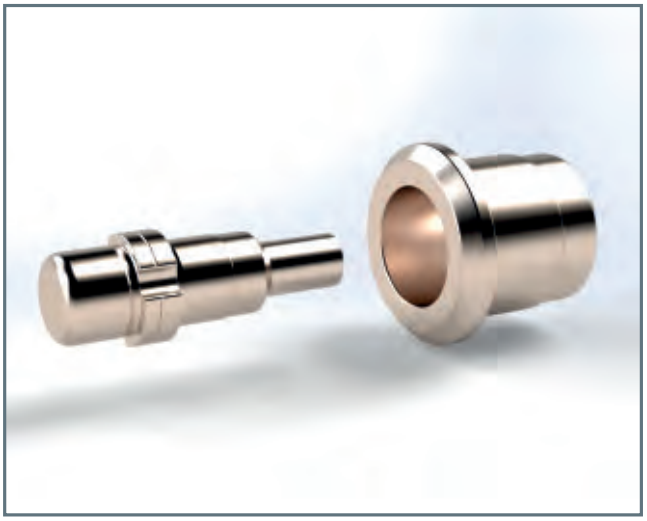
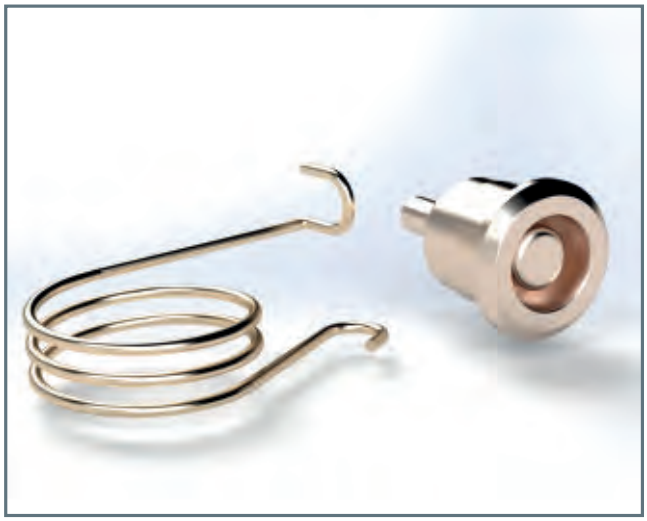


Application: Two Way 16mm Double Door Internal Handle

- Power utility box
- Secure the contents of dangerous and expensive equipment
- Mini Substations

This locking mechanism can be used in the following industries:

- Boomgates

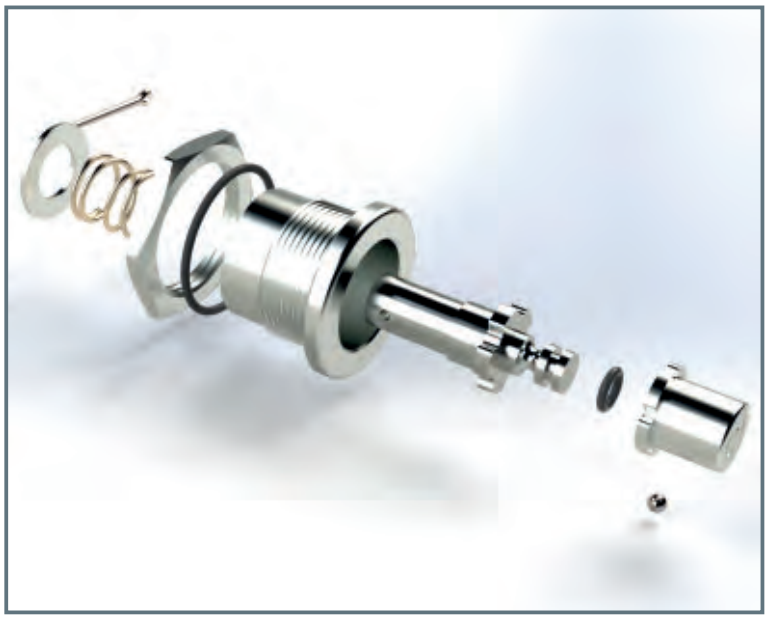

Application: Bollard Locks

- Bollards

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities



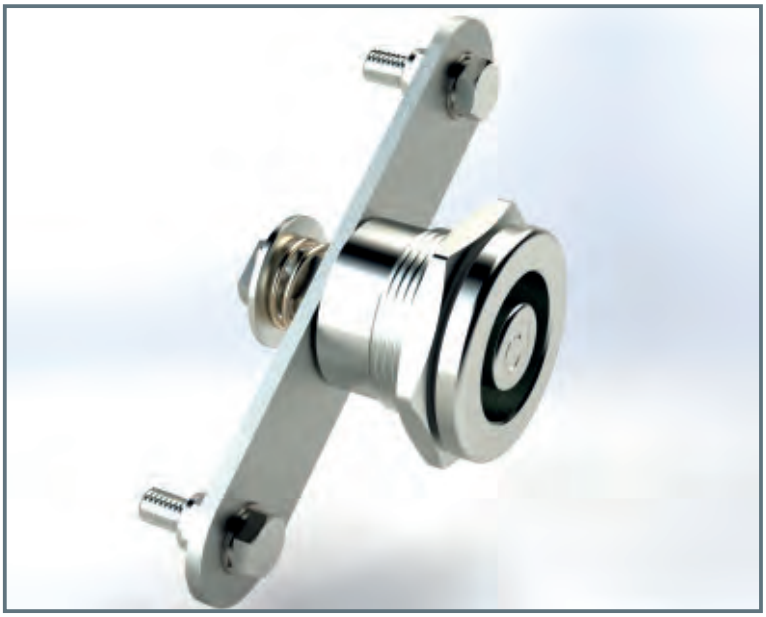


Application: Risi Locks on its own to suit any application

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





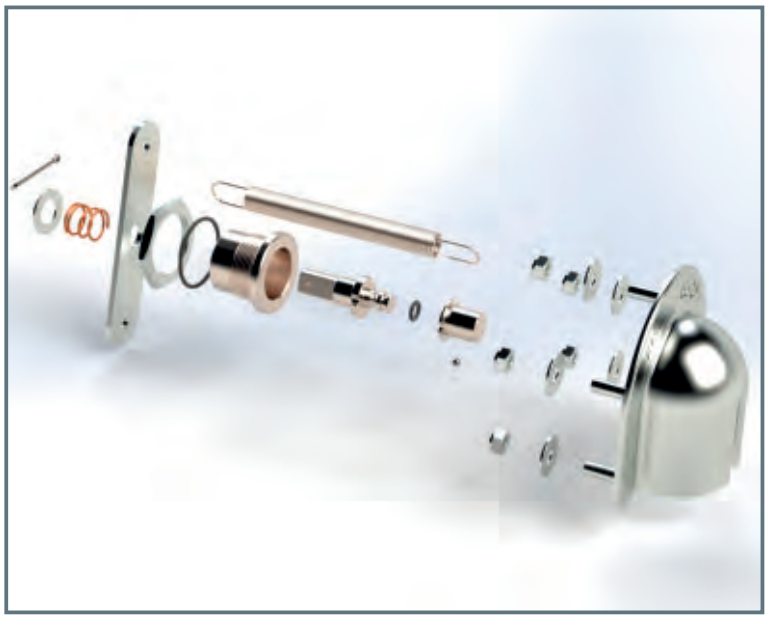
Application: Risi Locks with Latch

- Power utility box
- Secure the contents of dangerous and expensive equipment

This locking mechanism can be used in the following industries:

- Mining
- Agriculture
- Electrical and Water Utilities
- Municipalities





Application: Risi Locks with Latch and Spring

- Power utility box
- Secure the contents of dangerous and expensive equipment

Our Solutions

Substations

We offer solutions for Substations that deal with tampering and illegal connections and vandalism. We also replace wooden substation doors with a steel frame and doors and a five way locking system.





Minisubs

We offer a unique solution to Municipalities that requires their Minisubs to be safe and secure and also tamper proof. The minisub sub doors are fitted with a 3 way locking system.





Our Solutions

Residential Meter Boxes

The meter box solution prevents residents from tampering with electricity and vandalism.





Pillar Boxes

Our pillar boxes fit over existing DP boxes and are bolted on for removal if necessary. The boxes can be single or double doors meaning one in front and one at the back.





Our Solutions

Pre Paid Meter Box

Meter Box for Pre Paid Meter and circuit breaker. Can also be used as a safe.







Our Solutions

Pole Boxes

We offer new 4, 6 and 8 way Pole boxes and we also manufacture doors for existing pole boxes.





Electrical Enclosures

We offer new steel boxes to replace existing Fibre glass boxes with peep holes and special locking system.



