

# UNION<sup>®</sup>

## Product Catalogue

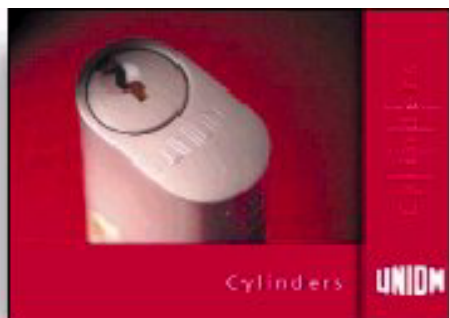


# Introduction

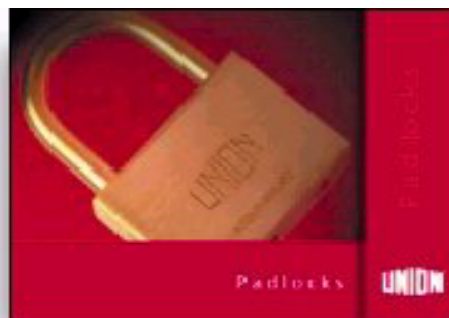
- Cylinders
- Mortice Locks
- Rim Locks
- Padlocks
- Secondary Security
- Access Control
- Furniture
- Door Closers
- Escape Hardware
- Hinges
- Utility Locks
- Multi-point Locks

## Catalogue Index

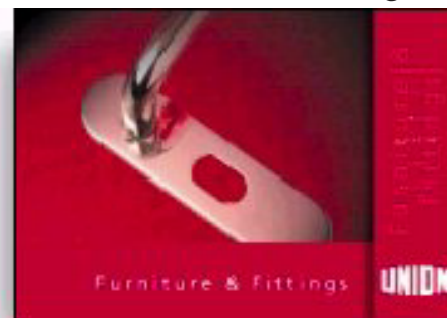
### Cylinders



### Padlocks



### Furniture & Fittings



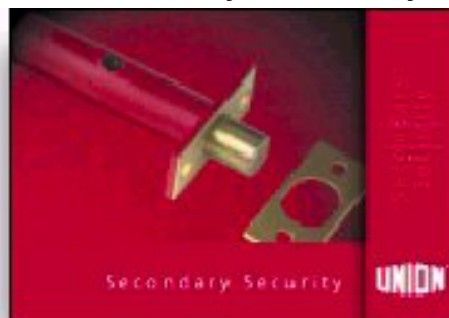
### Hinges



### Mortice Locks



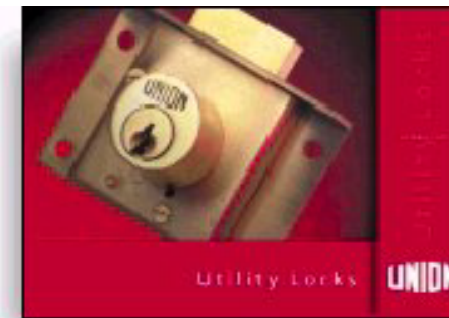
### Secondary Security



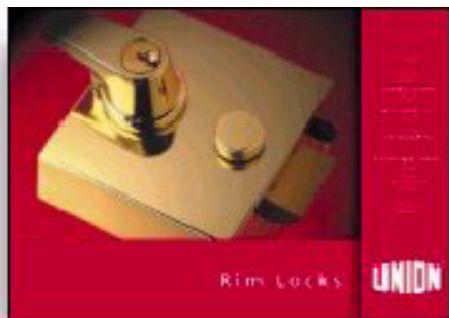
### Door Closers



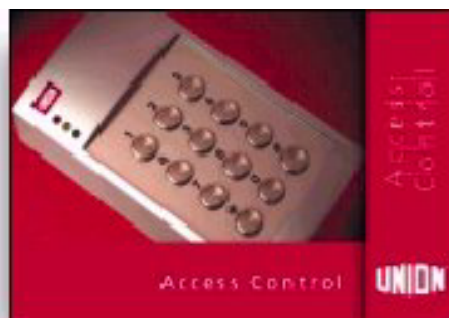
### Utility Locks



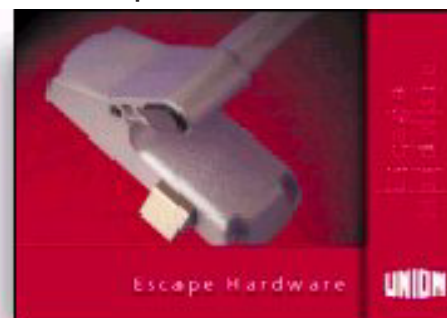
### Rim Locks



### Access Control



### Escape Hardware



### Multi-Point Latches



## UNION®

The Union brand was launched in the mid Eighteen Hundreds and its comprehensive range of products have been favoured for specification since its inception.

The company has always taken pride in its ability to engineer top quality products and offer security and hardware solutions.

Today, we may be in a new century but Union is still the premier name in security now offering high security products for both the home and commercial use. As part of our ongoing policy of only offering products that meet the highest levels of quality Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

We have made every effort to ensure that at time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue.

## Standards & Approvals

Union recognises that in addition to its own high quality standards the approval of its products by independent organisations is needed to meet the requirements of many regulations in today's market.

In order to help simplify all of these standards we have provided in each section of the catalogue a reference page showing each of the standards. Additionally we have where applicable noted against each product which standards apply to that product.

Shown below are the independent standards organisation with a brief description to the meaning and reference of each.



These pan-European standards classify products into grades based on a series of exacting tests.



British Standard

Products endorsed with the Kitemark have passed a strict testing procedure under the control of the British Standards Institution.



A BS reference can be claimed when a product conforms to the relevant British Standard.



Products endorsed with the UL mark have passed strict testing procedures under the control of the Underwriters Laboratories Incorporated.



The ANSI reference can be claimed when a product conforms to the relevant American Standards Institute Specification.



The Loss Prevention Certification Board provides approval and certification marking on a range of security fittings.



The Master Locksmiths Association provides guidelines covering minimum security levels for domestic properties.



The Association of British Insurers provides minimum security recommendations for external doors and windows.



The National House Building Council offers general guidance on security for dwellings, flats and maisonettes.



Products that meet MOBH3PS have been tested to the performance specifications issued by the Property Services Agency.



The application of the CE mark is currently restricted to products covered by the low voltage and EMC Directives.

## Security Features

Union have developed a series of icons to enable the process of product specification to be simplified. We believe that these icons represent the most important features when looking to specify architectural hardware or security products.

Throughout this whole catalogue constant reference will be made to each of these icons. Each icon represents a feature that, irrespective of what type of product it relates to, can be used to identify any relevant security features.

***Union, simplifying the specification process***


**1**  **Protected Section**  
Products are available as an option on a patented key section.

**2**  **Drill Resistant**  
Hardened protection against drill attack.

**3**  **Saw Resistant**  
Hardened protection against saw attack.


**4**  **Force Resistant**  
Built in strength against force attack.


**5**  **Pick Resistant**  
Built in protection to resist picking.

**6**  **Torque Resistant**  
Built in strength against torque attack.


**7**  **Tamper Resistant**  
Built in protection against tampering.

**8**  **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.

**9**  **Fire Resistant**  
Products conform to appropriate fire test requirements.

**10**  **Escape**  
Products for use on an escape door.

**11**  **Key Control**  
The products can be included in a key control system.

**12**  **Guarantee**  
Products are guaranteed for a period of time. (Unless specified otherwise this will be 1 year).

## How to Use the Catalogue

This catalogue is divided into sections by product range. Each section has been developed so that it can be used in isolation and will provide all the information required to assist when specifying from the Union range.

Each product range brochure has three areas of information:

- 1 **Product Range Introduction**
- 2 **Product Range Overview**
- 3 **Product Specifications**

The index is included to guide you through each section.

This page also provides explanations of terminology and shows product options such as finishes and locking mechanisms.

1

**Product Range Introduction**

The product range introduction firstly shows the standards and security icons reference page together with a page detailing features and functions to be found within the range



Union have developed a series of icons to enable the process of specification to be simplified. Throughout the whole catalogue constant reference will be made to these icons.

This page details how each of the relevant icons are applicable to the product range shown within each section.

In each product range introduction we have included information which helps to explain the features, functions and applications of the products within the section.

## How to Use the Catalogue

2

### Product Range Overview

The second area of information to be found within each product range brochure is the range overview. The double page spread acts both as a contents page for the brochure but also provides product information via the specification table which also provides a product range comparison.

The product specification pages contain all the relevant information to assist when specifying from the Union range.

The left hand side of the specification table provides all the essential information relating to how the icons apply to each individual product.

This page of the catalogue shows a photo gallery of the product range, which can be cross-referenced, to the specification table shown on the page below.

The right hand side of the specification table provides all the essential information relating to the features, functions and finishes available in each individual product.



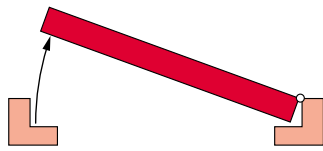
## Handing of Doors

Hinged doors can open in one of four ways and this will determine whether the door is left or right hand. Double doors with plain meeting stiles are also handed in this manner.

Likewise double rebated doors can open in one of four ways and this will determine whether the door is left or right hand.

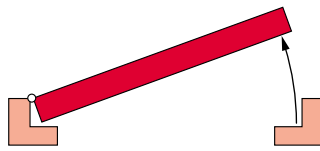
### Single Doors Inward Opening

UK Left Hand



Outside

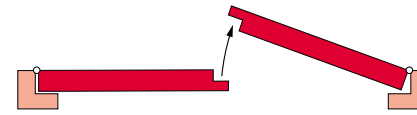
UK Right Hand



Outside

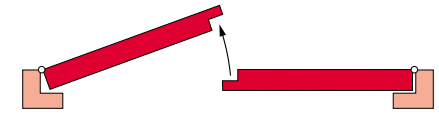
### Double Rebated Doors Inward Opening

UK Left Hand



Outside

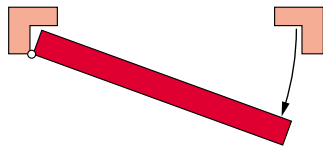
UK Right Hand



Outside

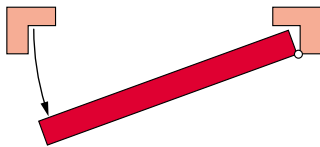
### Single Doors Outward Opening

UK Left Hand



Outside

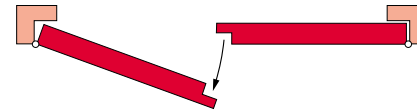
UK Right Hand



Outside

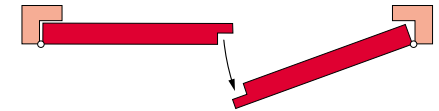
### Double Rebated Doors Outward Opening

UK Left Hand



Outside

UK Right Hand



Outside

## Key Control Systems

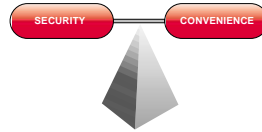
There are various types of key control systems from simple key alike systems to complicated grand master key suites.

It is most important that the keying requirements of a building are accurately and correctly detailed to provide security and accessibility for the keyholders of the building. Any recommendations must relate the security of the system to the convenience of movement within the building.

*Too much reliance on one side of the security, convenience balance will either sacrifice the security offered or lose the convenience factor. It is thus vitally important to strike the right balance.*

### Secure our help

Union have trained technical staff who offer a free service to help with the planning of masterkey suites.

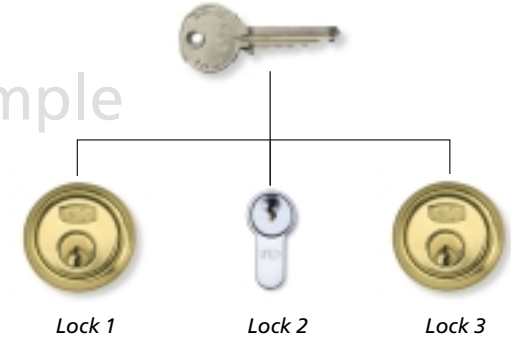


### Keyed Alike

This refers to a number of locks each operated by the same key. This is also referred to as alike change, locks to pass or keyed to pass;

**3 different locks all keyed alike**

Example

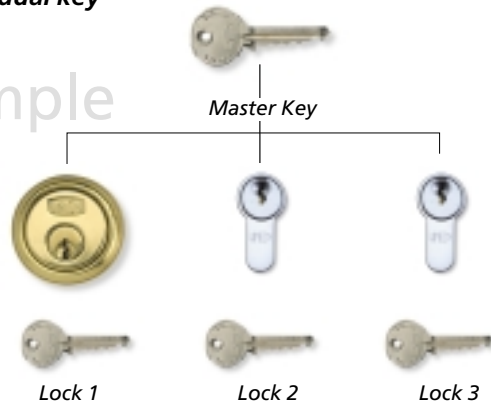


### Master Keyed

This is the simplest form of master keying. Each individual lock is operated by its own unique key and in addition a control key, (master key) operates all the locks in the suite.

**3 different locks each with their individual key**

Example



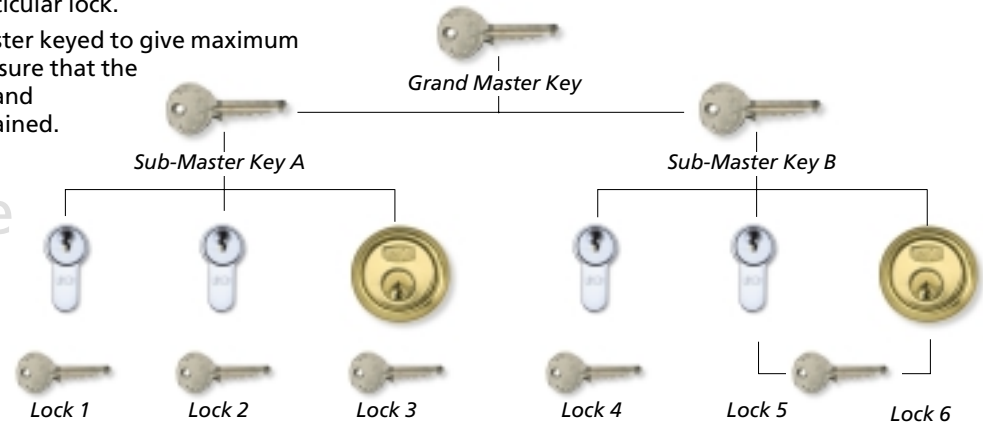
### Grand Master Keyed

A Grand master key is a control key which operates a particular number of locks which are grouped into 2 or more sets of suites (known as sub-suites)

In this example Sub-suites A and B are in fact master-suites that are linked to a higher authority, the Grand Master Key. The individual keys which will operate the individual locks are known as change keys/servant keys or differ keys and will only operate their particular lock.

Union cylinders can be master keyed to give maximum flexibility of design and ensure that the balance between security and convenience can be maintained.

Example



## Key Control Systems

### Keying Groups

Throughout the catalogue you will see a column headed



#### Key Control

The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed. The products that can be keyed to work with other products are given a group code. It works in the following way:

**KA** - means the product can be Keyed Alike with more of the same product.

**MK** - means the product can be Masterkeyed with more of the same product.

**A GROUP LETTER** (eg **A**) - means the product can be Keyed Alike or Masterkeyed with more of the same product AND with other products listed in the same group.

eg, a window lock in group F could be made to work from the same key as a security door fitting in group F.

*The table shows an overview of the product keying groups;*

Group	Products
A	Cylinders, Rim Locks, Knobsets (System K mechanism)
B	Padlocks, Cylinders, Rim Locks, Utility Locks (6 pin mechanism)
C	Padlocks, Cylinders, Utility Locks (5 pin mechanism)
D	3 Lever Locks, (3 Lever mechanism)
E	Knobsets, (T5 mechanism)
F	Window Locks and Security Door Fittings (pin tumbler mechanism)
G	Utility Locks (4 pin mechanism)



Cylinders

Cylinders

- System K
- 6 Pin
- 5 Pin
- Security Roses

**UNION**<sup>®</sup>



# Cylinders



## Cylinders Index

- **Introduction** C2
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- **Features and Functions** C3
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- **Euro Profile Cylinders** C6
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- **Security Escutcheons** C9
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*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offers a very comprehensive range of cylinders to suit most applications. They are available in the most common styles to enable the customer to utilise their existing ironmongery.

The patent protection on the new System K will help secure your system from illicit key duplication, and is available with the new Fast Response Centre Service Support.

For the most comprehensive and flexible range of cylinders, Union has the solution.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## Keying Groups

Throughout the catalogue you will see a column headed.



The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

The products that can be keyed to work with other products are given a group code.

**KA** - means the product can be **Keyed Alike** with more of the same product.

**MK** - means the product can be **Masterkeyed** with more of the same product.

A Group Letter (eg **A**) means the product can be **Keyed Alike** or **Masterkeyed** with more of the same product and with other products listed in the same group.

For the complete range of products and their keying groups, see the chart in the introduction section.

## Keys

2 keys are supplied as standard, however see the price list for any variations.

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example:** If you require a cylinder that is Drill Resistant look for the Drill icon (2) in the range table.

*Union, Simplifying the Specification Process.*

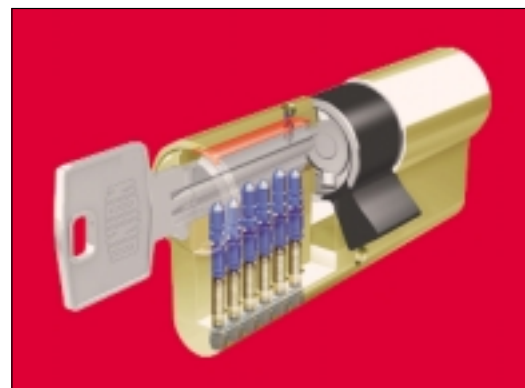
## Standards & Approvals












These pan-European standards classify products into grades on a series of exacting tests.



The Association of British Insurers provides minimum security recommendations for external doors and windows.



## Security Features

- 1  **Protected Section**  
Products are available as an option on a patented key section.
- 2  **Drill Resistant**  
Hardened protection against drill attack.
- 3  **Saw Resistant**  
Hardened protection against saw attack.
- 4  **Force Resistant**  
Built in strength against force attack.
- 5  **Pick Resistant**  
Built in protection to resist picking.
- 6  **Torque Resistant**  
Built in strength against torque attack.
- 7  **Tamper Resistant**  
Built in protection against Tampering.
- 8  **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.
- 9  **Fire Resistant**  
Products conform to appropriate fire test requirements.
- 10  **Escape**  
Products for use on an escape door.
- 11  **Key Control**  
The products can be included in a key control system.
- 12  **Guarantee**  
Products are guaranteed for a period of time.



# Cylinders



## BSEN1303 Classification

This standard classifies cylinders using a 7 digit coding system. Each digit refers to a particular feature of the product measured against the standard's performance requirements.

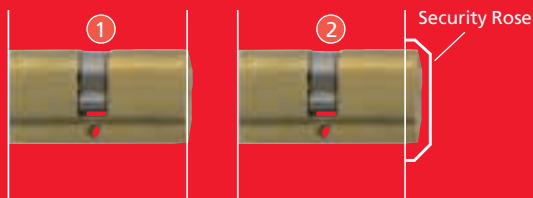
- Digit 1 - Category of use** - grade 1: Suitable for use at extremes of temperature - 20°C to +80°C.
- Digit 2 - Durability** - grade 4: 25 000 cycles completed.  
- grade 5: 50 000 cycles completed.  
- grade 6: 100 000 cycles completed.
- Digit 3 - Door mass** No requirement.
- Digit 4 - Fire resistance** - grade 0: No requirement.  
- grade 1: Cylinders shall be fire tested in accordance with current fire test requirements of prEN 1634-1.
- Digit 5 - Safety** No requirement.
- Digit 6 - Corrosion resistance** - grade 0: No requirement.  
- grade 1: Conforms to grade 3 of BS EN 1670 as a minimum.
- Digit 7 - Security** Cylinders will be classified in grades 1 to 5, where 5 is the highest. The grade of security can differ from one side of a double cylinder to the other.

	Grades				
	1	2	3	4	5
Min. no. of effective differs	100	300	15 000	30 000	100 000
Min. no. of movable pins	2	3	5	6	6
Direct coding on key	YES	YES	NO	NO	NO
Max. net drill time (mins.)	-	-	-	3	5
Total drill test time (mins)	-	-	-	5	10
* Chisel attack resistance (No. of blows)	-	-	-	30	40
Cylinder extraction resistance	-	-	-	15kN	15kN
* Cylinder torque resistance (Nm)	2.5	5	15	20	30

**Example**  
The following marking denotes a cylinder meeting the required category of use, durability grade 6 (100 000 cycles) with no fire resistance requirement, grade 1 corrosion resistance and grade 4 security.

1 6 - 0 - 1 4

\* **Note:** To gain chisel or torque resistance it is important that either, (1) the correct length of cylinder is used to be flush with the door/handle face OR (2) a high security rose is used to cover any cylinder protrusion.



## Features and Functions

### Adjustable Cam

The System K Euro Single cylinder has an adjustable cam which can easily be set to one of eight positions

### Retaining Screw Anti Drill

The System K Rim cylinder has hardened anti-drill plates positioned in front of the two retaining screws which prevent drilling out of the rim cylinder retaining screws from the outside.



Products have been tested to BSEN1303 and graded.

### Number of Keys

2 keys are supplied as standard, however see the price list for any variations.

### Key Systems



**SYSTEM K**  
Newly patented High Security locking system. The system operates on 7 pins in the cylinder, one of which interacts with a pin fitted in key.



**5 & 6 PIN**  
Convenient system for commercial applications. System operates on a row of five or six lateral pins.



Products meet the minimum ABI security recommendations.



**Protected Section**  
Available on a patented key section.



**Drill Resistant**  
Hardened Steel Inserts in the cylinder body and plug.



**Force Resistant**  
Security roses or correct length cylinders prevent force attacks.



**Pick Resistant**  
Mushroom pins in the cylinder inhibit picking.



**Torque Resistant**  
Security roses or correct length cylinders prevent twisting.



**Corrosion Resistant**  
Products have successfully completed an anti-corrosion test.



**Key Control**  
Cylinders using the same key systems can be supplied **Keyed Alike**, or **Masterkeyed**.



**Guarantee**  
Guarantee period applicable when used with original Union keys and maintenance instructions followed.

### Special Length Cylinders



Cylinders greater than 'D' length are available up to a maximum length of 110mm per side. For details and pricing please consult Customer Services.

**Finishes:** Brass Satin Nickel Satin Chrome

**Ideal for Use with:** Rim Locks, Mortice Locks, Access Control, Panic Hardware, Multipoint Locks.



# Cylinders



## Euro Profile Cylinders



**UNION** Euro Single Cylinder Page C6

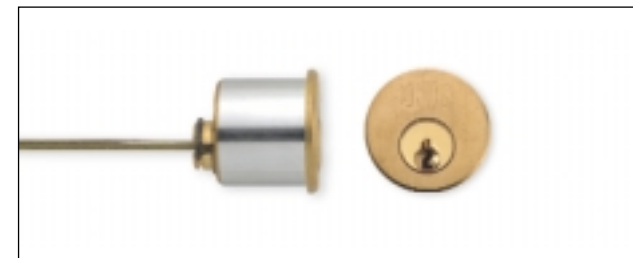


**UNION** Euro Double Cylinder Page C6



**UNION** Euro Key and Turn Cylinder Page C6

## Rim Cylinders

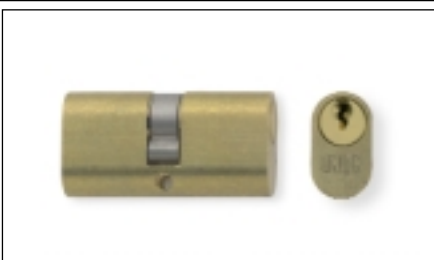


**UNION** SKR Page C8

## Oval Profile Cylinders



**UNION** Oval Single Cylinder Page C7

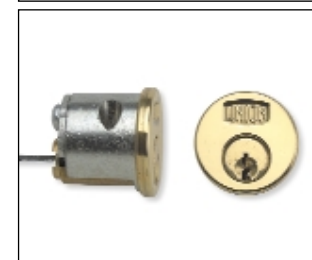


**UNION** Oval Double Cylinder Page C7

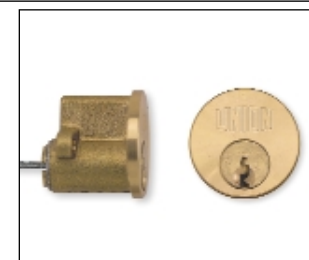


**UNION** Oval Key and Turn Cylinder Page C7

## Rim Cylinders

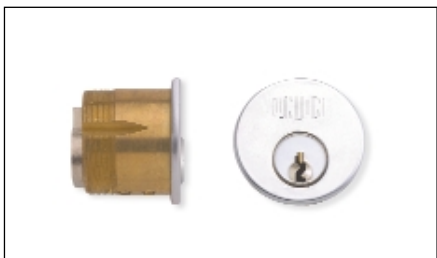


**UNION** 1 x 10S Page C8



**UNION** 1 x 1 Page C8

## Screw In Cylinders



**UNION** SKTC • 2X11 Page C8

## Scandinavian Oval Cylinders



**UNION** SKSCI Page C9



**UNION** SKSCO Page C9

## Security Roses and Escutcheons



**UNION** 53046 • 53043 • 53045 Page C9



**UNION** 530TSE Page C9

	Standards		Security Features								Key Systems			Features & Functions			Finish Options		
	ABI	CEN	Protected Section	Drill Resistant	Force Resistant	Pick Resistant	Torque Resistant	Corrosion Resistant	Key Control	Guarantee	5 Pin	6 Pin	SYSTEM K	Paracentric Keyway	Std. Cam Position	Other	Brass	Satin Nickel	Satin Chrome
<b>UNION</b> Euro Profile Cylinders*																			
Euro Single Cylinder															30°				
Euro Single Cylinder	O			O	O	O									30°				
SKES Euro Single Cylinder															30°	AC			
Euro Double Cylinder															30°				
Euro Double Cylinder	O			O	O	O									30°				
SKED Euro Double Cylinder															30°				
Euro Key and Turn Cylinder															30°				
Euro Key and Turn Cylinder															30°				
SKET Euro Key and Turn Cylinder															30°				
<b>UNION</b> Oval Profile Cylinders*																			
Oval Single Cylinder															30°				
Oval Single Cylinder	O			O	O	O									30°				
SKOS Oval Single Cylinder															30°				
Oval Double Cylinder															30°				
Oval Double Cylinder	O			O	O	O									30°				
SKOD Oval Double Cylinder															30°				
Oval Key and Turn Cylinder															30°				
Oval Key and Turn Cylinder															30°				
SKOT Oval Key and Turn Cylinder															30°				
<b>UNION</b> Rim Cylinders																			
1 X 1																			
1 X 1 OS																			
1 X 1 OS • 16 x 1	O			O	O	O													
SKR																RSAD			
<b>UNION</b> Mortice Screw-in Cylinders																			
2 X 11A																			
2 X 11B																			
2 X 11C																			
2 X 11B • 26 x 11B	O			O	O	O													
2 X 11C • 26 x 11C	O			O	O	O													
SKTC																			
<b>UNION</b> Scandinavian Oval Cylinders																			
SKSCI25																			
SKSC025																			
SKSCI30																			
SKSC030																			

Key: RSAD = Retaining Screw Anti-Drill AC = Adjustable Cam O = Available in High Security Variant only

\* See product information tables for details of list numbers and length variations.



# Cylinders



## Euro Profile Single Cylinders

**UNION** SKES • 2 X 20 • 2 X 39 • 26 X 20 See product information tables for details of list numbers and length variations.

- For use with Euro profile lock cases.
- Gives key access from one side of a door.



## Euro Profile Double Cylinders

**UNION** SKED • 2 X 18 • 26 X 18 See product information tables for details of list numbers and length variations.

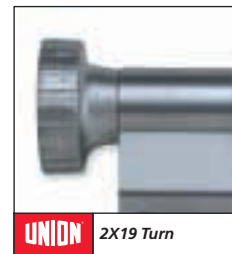
- For use with Euro profile lock cases.
- Gives key access from both sides of a door.



## Euro Profile Key & Turn Cylinders

**UNION** SKET • 2 X 19 • 2 X 28 • 2 X 71 See product information tables for details of list numbers and length variations.

- For use with Euro profile lock cases.
- Gives key access from one side of a door and thumbturn operation from the other.



	Euro Single			Euro Double			Euro Turn		
	5	6	SK	5	6	SK	5	6	SK
<b>Security Features</b>									
Protected Section			•			•			•
Drill Resistant		○	•		○	•			•
Force Resistant		○	•		○	•			•
Pick Resistant		○	•		○	•			•
Torque Resistant	•	•	•	•	•	•	•	•	•
Corrosion Resistant	•	•	•	•	•	•	•	•	•
Key Control	C	B	A	C	B	A	C	B	A
Guarantee	10	10	10	10	10	10	10	10	10
<b>Key Systems</b>									
5 Pin	•			•			•		
6 Pin		•			•			•	
System K			•			•			•
<b>Features &amp; Functions</b>									
Paracentric Keyway			•			•			•
Std. Cam Position	30°	30°	30°	30°	30°	30°	30°	30°	30°
Other			AC						
<b>Finish Options</b>									
Brass	•	•	•	•	•	•	•	•	•
Satin Nickel			•			•			•
Satin Chrome	•	•	•	•	•	•	•	•	•



# Cylinders



## Oval Profile Single Cylinders

**UNION** SKOS • 2 X 8 • 26 X 8 See product information tables for details of list numbers and length variations.

- For use with Oval profile lock cases.
- Gives key access from one side of a door.



## Oval Profile Double Cylinders

**UNION** SKOD • 2 X 6 • 26 X 6 See product information tables for details of list numbers and length variations.

- For use with Oval profile lock cases.
- Gives key access from both sides of a door.



## Oval Profile Key & Turn Cylinders

**UNION** SKOT • 2 X 13 • 2 X 29 • 2 X 69 • 26 X 13 See product information tables for details of list numbers and length

- For use with Oval profile lock cases.
- Gives key access from one side of a door and thumbturn operation from the other.



	Oval Single			Oval Double			Oval Turn		
	5	6	SK	5	6	SK	5	6	SK
<b>Security Features</b>									
Protected Section			•			•			•
Drill Resistant		O	•		O	•			•
Force Resistant		O	•		O	•			•
Pick Resistant		O	•		O	•			•
Torque Resistant	•	•	•	•	•	•	•	•	•
Corrosion Resistant	•	•	•	•	•	•	•	•	•
Key Control	C	B	A	C	B	A	C	B	A
Guarantee	10	10	10	10	10	10	10	10	10
<b>Key Systems</b>									
5 Pin	•			•			•		
6 Pin		•			•			•	
System K			•			•			•
<b>Features &amp; Functions</b>									
Paracentric Keyway			•			•			•
Std. Cam Position	30°	30°	30°	30°	30°	30°	30°	30°	30°
Other									
<b>Finish Options</b>									
Brass	•	•	•	•	•	•	•	•	•
Satin Nickel			•			•			•
Satin Chrome	•	•		•	•		•	•	



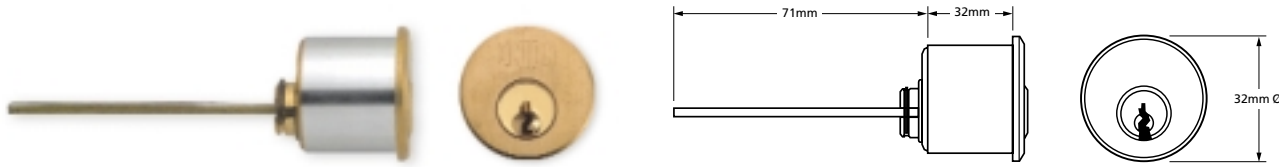
# Cylinders



## Rim Cylinders

**UNION SKR**

- For use with surface mounted locks operating from a tailbar.
- Provide key access from one side of a door.
- Suitable for doors from 38mm to 57mm in thickness.

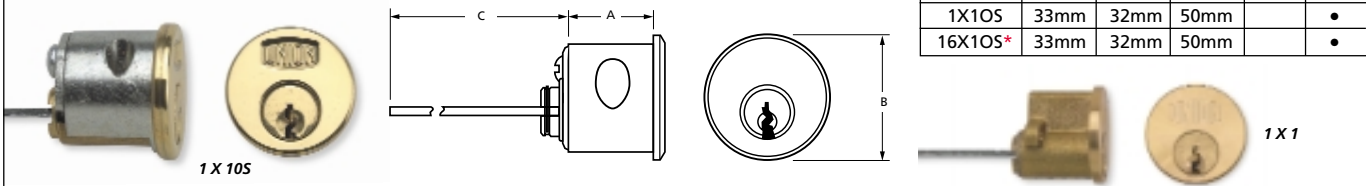


## Rim Cylinders

**UNION 1 X 1 • 1 X 10S • 16 X 10S**

- For use with surface mounted locks operating from a tailbar.
- Provide key access from one side of a door.

\* High Security Cylinder with Anti Drill and Anti Pick.

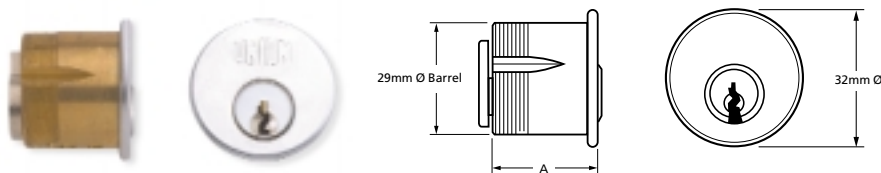


Model	A	B	C	5 PIN	6 PIN
1X1	23mm	33mm	48mm	•	
1X10S	29mm	32mm	50mm	•	
1X10S	33mm	32mm	50mm		•
16X10S*	33mm	32mm	50mm		•

## Mortise Screw in Cylinders

**UNION SKTC • 2 X 11 • 26 X 11**

- For use with American stile or narrow stile mortise locks operating from a 29mm threaded cylinder.
- Provide key access from one side of a door.



Model	A	5 PIN	6 PIN	SYSTEM K
SKTC	32mm			•
2X11A	28.5mm	•		
2X11B	33mm	•	•	
2X11C	37mm	•	•	
26X11B*	33mm		•	
26X11C*	37mm		•	

\* High Security Cylinder with Anti Drill and Anti Pick.

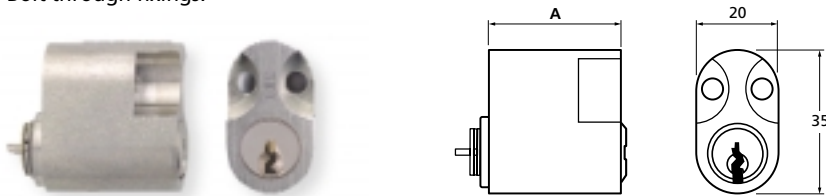
	1 X 1 1 X 10S	1 X 10S 16 X 1	SKR	2 X 11A 2 X 11B 2 X 11C	2 X 11B 26 X 11B 2 X 11C 26 X 11C	SKTC
<b>Security Features</b>						
Protected Section			•			•
Drill Resistant		○	•		○	•
Force Resistant		○	•		○	•
Pick Resistant		○	•		○	•
Torque Resistant	•	•	•	•	•	•
Corrosion Resistant	•	•	•	•	•	•
Key Control	C (1X10S)	B	A	C	B	A
Guarantee	10	10	10	10	10	10
<b>Key Systems</b>						
5 Pin	•			•		
6 Pin		•			•	
System K			•			•
<b>Features &amp; Functions</b>						
Paracentric Keyway			•			•
Std. Cam Position						
Other			RSAD			
<b>Finish Options</b>						
Brass	•	•	•	•	•	•
Satin Nickel			•			•
Satin Chrome	•	•		•	•	

## Scandinavian Oval Cylinders

### UNION SKSCI

- For use with Scandinavian oval profile lock cases.
- Provides key access from the inside of a door.
- Bolt through fixings.

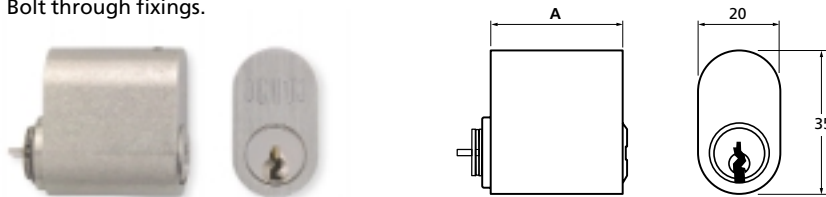
LIST No.	LENGTH A
SKSCI25	25
SKSCI30	30



### UNION SKSCO

- For use with Scandinavian oval profile lock cases.
- Provides key access from the outside of the door.
- Bolt through fixings.

LIST No.	LENGTH A
SKSC025	25
SKSC030	30



## High Security Cylinder Roses and Escutcheons

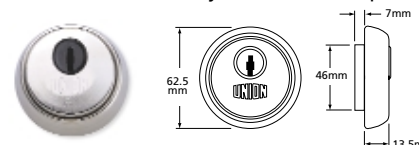
### UNION 53046 • 53053 • 53045 • 53043

- For use with Euro and Oval profile cylinders.
- Helps prevent against Torque and Force attacks.
- Brass or Satin Finish.
- Bolt through fixing.



### UNION 530TSE

- For use with Euro profile cylinders.
- Helps prevent against Torque and Force attacks.
- Brass or Satin Finish.
- Bolt through fixing.
- Escutcheon covers cylinder for extra protection.



	SKSCI	SKSCO	
<b>Security Features</b>			
Protected Section	•	•	
Drill Resistant	•	•	
Force Resistant	•	•	
Pick Resistant	•	•	
Torque Resistant	•	•	
Corrosion Resistant	•	•	
Key Control	A	A	
Guarantee	10	10	
<b>Key Systems</b>			
5 Pin			
6 Pin			
System K	•	•	
<b>Features &amp; Functions</b>			
Paracentric Keyway	•	•	
Std. Cam Position			
Other			
<b>Finish Options</b>			
Brass	•	•	
Satin Nickel	•	•	
Satin Chrome			



# Cylinders



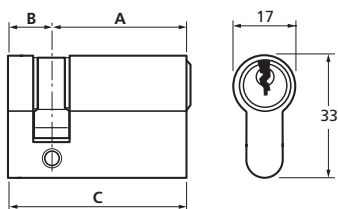
## Product Information Tables (for page C6)

### UNION Euro Profile Cylinders

#### Euro Single Cylinders

Model	System K	6 PIN	5 PIN	A	B	C
SKES3010	•			30	10	40
SKES3510	•			35	10	45
SKES4010	•			40	10	50
SKES4510	•			45	10	55
2X20A			•	32	8	40
2X20B		•	•	37	8	45
2X20C		•	•	41	8	49
2X20D		•	•	45	8	53
26X20B*		•		37	8	45
26X20C*		•		41	8	49
26X20D*		•		45	8	53

\* High Security Cylinder with Anti Drill and Anti Pick.



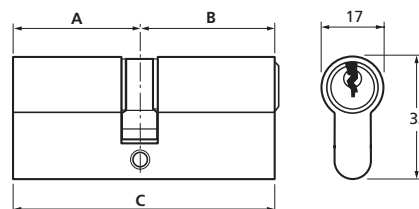
SKES • 2 X 20 • 26 X 20



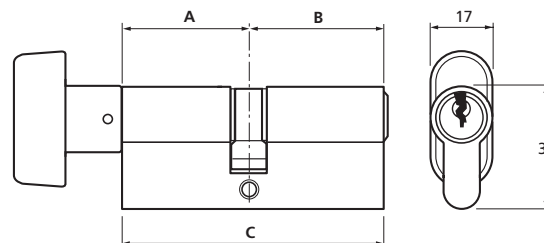
#### Euro Double Cylinders

Model	System K	6 PIN	5 PIN	A	B	C
SKED3030	•			30	30	60
SKED3535	•			35	35	70
SKED4040	•			40	40	80
SKED4545	•			45	45	90
2X18AA			•	32	32	64
2X18AB			•	32	37	69
2X18AC			•	32	41	73
2X18AD			•	32	45	77
2X18BB		•	•	37	37	74
2X18BC		•	•	37	41	78
2X18BD		•	•	37	45	82
2X18CC		•	•	41	41	82
2X18CD		•	•	41	45	86
2X18DD		•	•	45	45	90
26X18BB*		•		37	37	74
26X18CC*		•		41	41	82
26X18DD*		•		45	45	90

\* High Security Cylinder with Anti Drill and Anti Pick.



SKED • 2 X 18 • 26 X 18



SKET • 2 X 28 • 2 X 29 • 2 X 71

#### Euro Key & Turn Cylinders

Model	System K	6 PIN	5 PIN	A	B	C
SKET3030	•			30	30	60
SKET3535	•			35	35	70
SKET4040	•			40	40	80
SKET4545	•			45	45	90
2X28AA			•	32	32	64
2X28AB		•	•	32	37	69
2X28AC		•	•	32	41	73
2X28AD		•	•	32	45	77
2X28BB		•	•	37	37	74
2X28BA		•	•	37	32	69
2X28BC		•	•	37	41	78
2X28BD		•	•	37	45	82
2X28CC		•	•	41	41	82
2X28CA			•	41	32	73
2X28CB		•	•	41	37	78
2X28CD		•	•	41	45	86
2X29AA		•	•	32	32	64
2X29AB		•	•	32	37	69
2X29AC		•	•	32	41	73
2X29AD		•	•	32	45	77
2X29BA		•	•	37	32	69
2X29CA		•	•	41	32	73
2X29DA		•	•	45	32	77
2X71AA			•	32	32	64
2X71AB		•	•	32	37	69
2X71AC		•	•	32	41	73
2X71AD		•	•	32	45	77
2X71BB		•	•	37	37	74
2X71BA		•	•	37	32	69
2X71BC		•	•	37	41	78
2X71BD		•	•	37	45	82
2X71CC		•	•	41	41	82
2X71CA			•	41	32	73
2X71CB		•	•	41	37	78
2X71CD		•	•	41	45	86

Note: Dimensions shown in mm (rounded to the nearest whole number for guidance only).



# Cylinders



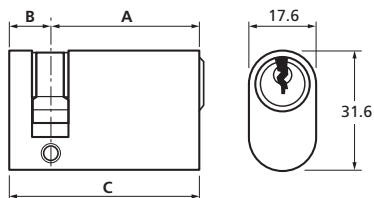
## Product Information Tables (for page C7)

### UNION Oval Profile Cylinders

#### Oval Single Cylinders

Model	System K	6 PIN	5 PIN	A	B	C
SKOS3010	•			30	10	40
SKOS3510	•			35	10	45
SKOS4010	•			40	10	50
SKOS4510	•			45	10	55
2X8A		•	•	32	8	40
2X8B		•	•	37	8	45
2X8C		•	•	41	8	49
2X8D		•	•	45	8	53
26X8B*		•		37	8	45
26X8C*		•		41	8	49
26X8D*		•		45	8	53
2X1A		•	•	32	8	40
2X1B		•	•	37	8	45
2X1C		•	•	41	8	49
2X1D		•	•	45	8	53

\* High Security Cylinder with Anti Drill and Anti Pick.



SKOS • 2 X 8 • 26 X 8 • 2 X 1

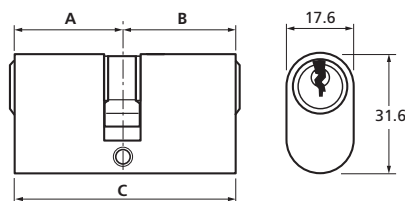


Note: Dimensions shown in mm (rounded to the nearest whole number for guidance only).

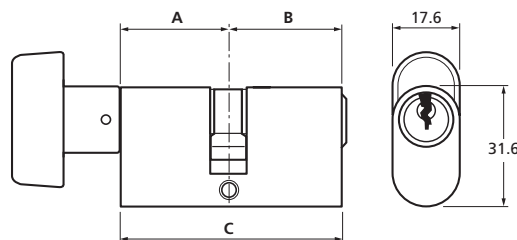
#### Oval Double Cylinders

Model	System K	6 PIN	5 PIN	A	B	C
SKOD3030	•			30	30	60
SKOD3535	•			35	35	70
SKOD4040	•			40	40	80
SKOD4545	•			45	45	90
2X6AA			•	32	32	64
2X6AB			•	32	37	69
2X6AC			•	32	41	73
2X6AD			•	32	45	77
2X6BB		•	•	37	37	74
2X6BC		•	•	37	41	78
2X6BD		•	•	37	45	82
2X6CC		•	•	41	41	82
2X6CD		•	•	41	45	86
2X6DD		•	•	45	45	90
26X6BB*		•		37	37	74
26X6CC*		•		41	41	82
26X6DD*		•		45	45	90

\* High Security Cylinder with Anti Drill and Anti Pick.



SKOD • 2 X 6 • 26 X 6



SKOT • 2 X 13 • 2 X 29 • 2 X 69

#### Oval Key & Turn Cylinders

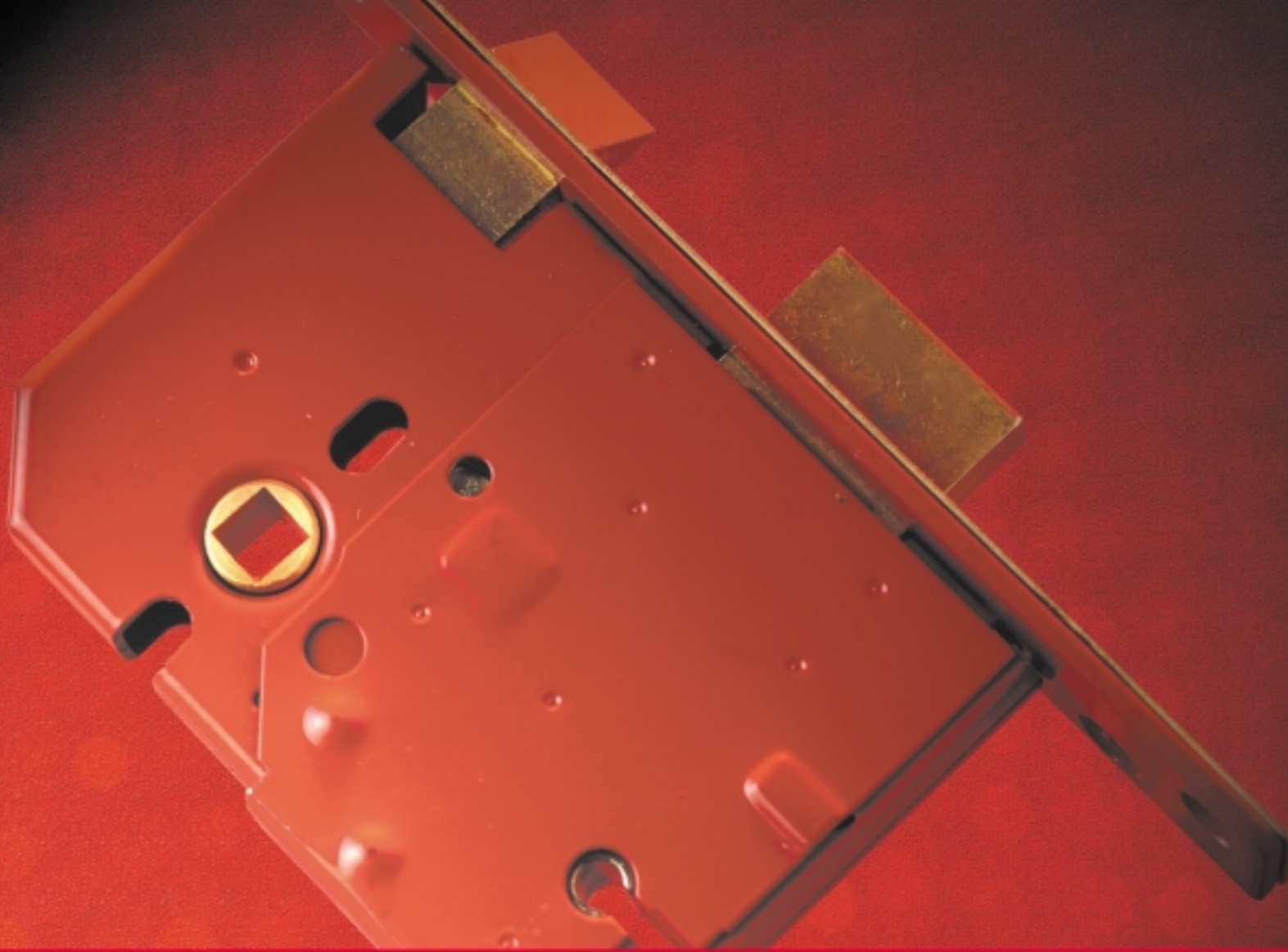
Model	System K	6 PIN	5 PIN	A	B	C
SKOT3030	•			30	30	60
SKOT3535	•			35	35	70
SKOT4040	•			40	40	80
SKOT4545	•			45	45	90
2X13AA			•	32	32	64
2X13AB		•	•	32	37	69
2X13AC		•	•	32	41	73
2X13AD		•	•	32	45	77
2X13BB		•	•	37	37	74
2X13BA			•	37	32	69
2X13BC		•	•	37	41	78
2X13BD		•	•	37	45	82
2X13CC		•	•	41	41	82
2X13CA			•	41	32	73
2X13CB		•	•	41	37	78
2X13CD		•	•	41	45	86
2X29AA		•	•	32	32	64
2X29AB		•	•	32	37	69
2X29AC		•	•	32	41	73
2X29AD		•	•	32	45	77
2X29BA		•	•	37	32	69
2X29CA		•	•	41	32	73
2X29DA		•	•	45	32	77
2X69AA			•	32	32	64
2X69AB		•	•	32	37	69
2X69AC		•	•	32	41	73
2X69AD		•	•	32	45	77
2X69BB		•	•	37	37	74
2X69BA			•	37	32	69
2X69BC		•	•	37	41	78
2X69BD		•	•	37	45	82
2X69CC		•	•	41	41	82
2X69CA			•	41	32	73
2X69CB		•	•	41	37	78
2X69CD		•	•	41	45	86

# Mortice Locks

**UNION**<sup>®</sup>

## Mortice Locks

- Lever Mortice
- Cylinder Mortice
- Architectural Mortice
- Rebate Sets
- Latches



## Mortice Locks Index

- [Introduction](#) M2
- [Features and Functions](#) M3
- Lever Mortice Security Range**
- [Photo Gallery](#) M4
- [Range Table](#) M5
- [Range Details](#) M6 - 11
- Lever Mortice Contract Range**
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- Cylinder Mortice Range**
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- Euro Profile Mortice Range**
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- Escape Mortice Range**
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- Heavy Duty Architectural**
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- Special Purpose Locks**
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- [Range Table](#) M42
- [Range Details](#) M43 - 45
- [Rebate Sets](#) M45 - 46

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

The Union name has been synonymous with mortice locks for over one hundred and seventy five years.

Today Union offer a comprehensive range for both architectural specification and residential use.

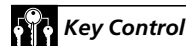
These include lever, and cylinder locks, some Kitemarked to BS3621 for use on external doors as well as standard variants for internal and general purpose doors.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994

## Keying Groups

Throughout the catalogue you will see a column headed.



The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

The products that can be keyed to work with other products are given a group code.

**KA1** -means the product can be **Keyed Alike** with more of the same product.

**MK-** means the product can be **Masterkeyed** with more of the same product.

A Group Letter (eg **A**) means the product can be **Keyed Alike** or **Masterkeyed** with more of the same product **and** with other products listed in the same group.

For the complete range of products and their keying groups, see the chart in the introduction section.

## Keys

2 keys are supplied as standard, however see the price list for any variations.

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example:** If you require a mortice lock that has hardened protection against drill attack, look for the Drill Resistant icon (number 2) in the range table.

*Union, Simplifying the Specification Process.*

Key Alike Group	Masterkey Group
KA1 2 Lever	A,B,C Cylinder
KA2 3 Lever Contract	D 3 Lever
KA3 3 Lever Double Throw	W Wellington Range
KA4 3 Lever (M101M - M200M)	
KA5 BS Lever Lock Range	
KA6 BS Cylinder Lock Range	
KA7 3 Lever Old Series	
KA8 5 Lever Locks	

## Standards & Approvals



Products endorsed with the Kitemark have passed a strict testing procedure under the control of the British Standards Institution.



The Master Locksmiths Association provides guidelines covering minimum security levels for domestic properties.



The Association of British Insurers provides minimum security recommendations for external doors and windows.



The National House Building Council offers general guidance on security for dwellings, flats and maisonettes.

## Security Features

**1** **Protected Section**  
Products are available as an option on a patented key section.

**2** **Drill Resistant**  
Hardened protection against drill attack.

**3** **Saw Resistant**  
Hardened protection against saw attack.

**4** **Force Resistant**  
Built in strength against force attack.

**5** **Pick Resistant**  
Built in protection to resist picking.

**6** **Torque Resistant**  
Built in strength against torque attack.

**7** **Tamper Resistant**  
Built in protection against Tampering.

**8** **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.

**9** **Fire Resistant**  
Products conform to appropriate fire test requirements.

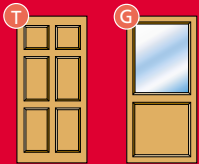
**10** **Escape**  
Products for use on an escape door.

**11** **Key Control**  
The products can be included in a key control system.

**12** **Guarantee**  
Products are guaranteed for a period of time.

## What Type of Door ?

- A comprehensive range of locks for both exterior and interior glass panelled or solid timber doors.

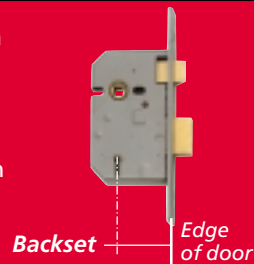


### Door Types

- T** Solid Timber
- G** Glass Panelled

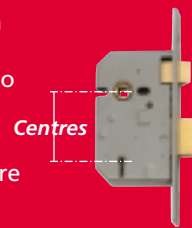
## What is Backset?

- This is the measurement from the edge of the door to the centre of the keyhole.
- Locks with different backsets are available depending upon application.



## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.
- In the UK this is commonly 57mm, although other sizes are available.



## 1 or 2 Way Action Locks?

- 1 way - for use with lever handles only, as the handle can only be turned in the downward position.
- 2 way - for use with knob furniture, as the knob can be rotated in both directions.

## Features and Functions

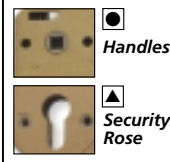
### Springing Guide

Note: The following is a guide only and company advice should be sought if you are in any doubt as to the compatibility of any set of lever handles with a particular lock.

The following table shows an overview of the recommended type of lever handles to be used with our lock range.

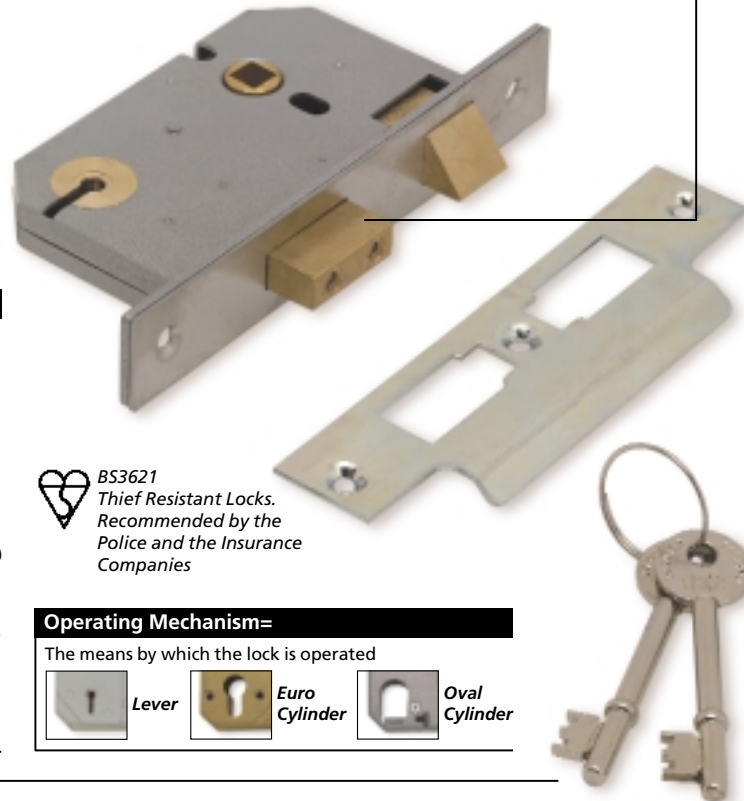
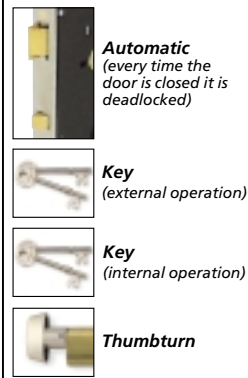
- Not suitable for use with unsprung lever handles.
- Can be used with sprung lever furniture, although designed for use with knob furniture. Not suitable for use with unsprung lever handles.
- Suitable for all sprung and most unsprung furniture.
- Suitable for sprung or unsprung lever handles including architectural stainless steel and brass.
- Suitable for unsprung furniture from our special aluminium door lock, lever handle range (details on request).

### Bolt Through Fixing



### Deadlocking

Locking the bolt so that it cannot be forced back.



**BS3621**  
Thief Resistant Locks.  
Recommended by the  
Police and the Insurance  
Companies

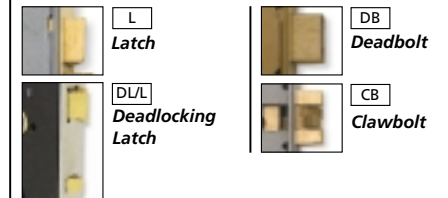
### Operating Mechanism=

The means by which the lock is operated



### Locking Mechanism =

the means by which the door is held closed



- Protected Section**  
Available on a patented key section.
- Drill Resistant**  
Selected hardened or tough materials to resist drill attack.
- Saw Resistant**  
Hardened steel bolt, plates or hardened rollers.
- Force Resistant**  
Box Strike to protect the bolts.
- Pick Resistant**  
Locking mechanism incorporates pick resistant device(s).
- Escape**  
A single action withdraws all the bolts simultaneously
- Key Control**  
Products are Masterkeyable (MK) or able to be Keyed Alike (KA).
- Guarantee**  
Guarantee period applicable when used with original Union Keys and maintenance instructions followed.

Finishes: **Brass** **Satin** \*All locks are supplied complete with minimum of two keys as standard.

Ideal for Use with: Cylinder Rimlocks & Access Control Systems

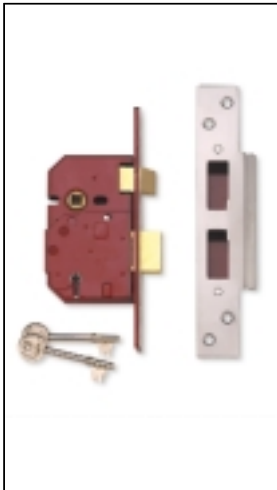
# Lever Mortise: Security Range

UNION

## 5 Lever



UNION 2134 Page M6



UNION 2234 Page M6



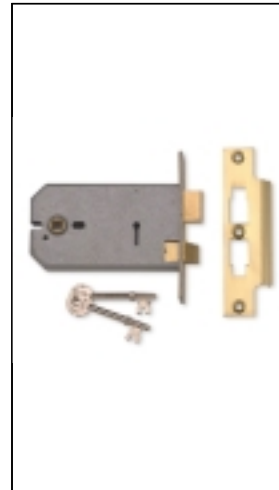
UNION 2101 Page M6



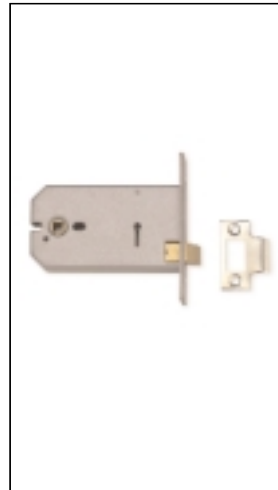
UNION 2201 Page M6



UNION 2401 Page M7



UNION 2077 Page M7

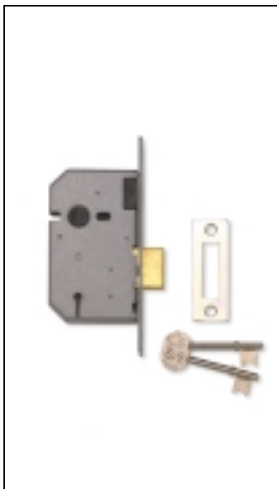


UNION 26773 Page M7

## 3 Lever



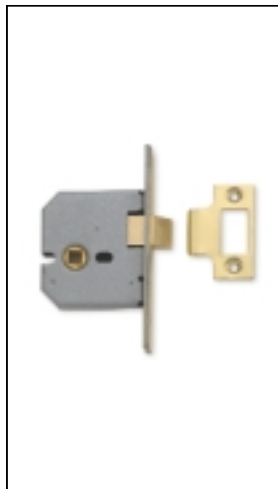
UNION 2177 Page M8



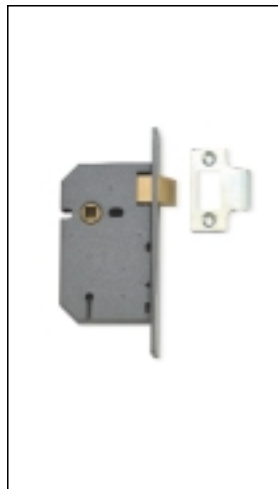
UNION 2157 Page M8



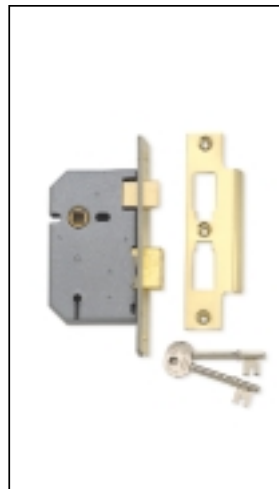
UNION 21572 Page M9



UNION 2677 Page M10



UNION 2657 Page M10



UNION 2277 Page M9



UNION 2477 Page M10

# UNION<sup>®</sup> Lever Mortice Locks



## UNION 5 Lever

<b>2134 BS3621 5L Deadlock</b>	
<b>2234 BS3621 5L Sashlock</b>	
<b>2101 5L Deadlock</b>	
<b>2201 5L Sashlock</b>	
<b>2401 5L Sliding Door Lock</b>	

## UNION 3 Lever

<b>2026 Horizontal Bathroom</b>	
<b>2077 Horizontal Lock</b>	
<b>26773 Horizontal Latch</b>	
<b>267732 Horizontal Latch</b>	
<b>2126 Bathroom Deadlock</b>	
<b>2426 Bathroom Sliding Door Lock</b>	
<b>2177 Deadlock</b>	
<b>2157 Deadlock</b>	
<b>2188 Double Throw Deadlock</b>	
<b>21572 Escape Deadlock</b>	
<b>2226 Bathroom Lock</b>	
<b>2277 Motice Lock</b>	
<b>2288 Double Throw Sashlock</b>	
<b>2657 Latch</b>	
<b>2477 Sliding Door Lock</b>	
<b>2677 Latch</b>	
<b>2037 Horizontal Lock</b>	
<b>2137 Deadlock</b>	
<b>2237 Mortice Lock</b>	
<b>21672 Escape Deadlock</b>	

Security Features					Door Specification			Case Finishes		
Locking Mechanism	Bolt Through Fixings	Locking		Springing	Case Size	Back Set	Centres	Brass	Satin	Other
		Internal	External							
DB		Key	Key		67/80mm	45/57.5mm				
L/DB	●	Key	Key	3	67/80mm	45/57.5mm	57mm			
DB		Key	Key		65/77.5mm	44.5/57mm				
L/DB	●	Key	Key	3	65/77.5mm	44.5/57mm	57mm			
CB		Key	Key		77.5mm	57mm				
L/DB	●	Turn	Em Rel	2	124/149mm	101.5/127mm	n/a			
L/DB	●	Key	Key	2	124/149mm	101.5/127mm	n/a			CH
L	●			2	124/149mm	101.5/127mm	n/a			
L	●			3	124/149mm	101.5/127mm	n/a			
DB		Turn	Em Rel		65/77.5mm	44.5/57mm	n/a			
CB		Turn	Em Rel		77.5mm	57mm	n/a			
DB	●	Key	Key		65/77.5mm	44.5/57mm	n/a			
DB	●	Key	Key		65/77.5mm	44.5/57mm	n/a			
DB		Key	Key		69/84mm	39.5/54.5mm	n/a			SE
DB	●	Turn	Key	1	77.5mm	57mm	n/a			
L/DB		Turn	Em Rel	3	65/77.5/103mm	44.5/57/82.5mm	57mm			
L/DB	●	Key	Key	3	65/77.5/103mm	44.5/57/82.5mm	57mm			CH
L/DB	●	Key	Key	3	69/84mm	39.5/54.5mm	72mm			SE
	●			3	65/77.5/103mm	44.5/57/82.5mm	57mm			
CB		Key	Key		77.5mm	57mm	n/a			
L	●			3	65/77.5mm	44/57mm	n/a			
L/DB	●	Key	Key	2	124/149mm	101.5/127mm	n/a			
DB		Key	Key		65/77.5mm	44.5/57mm	n/a			
L/DB	●	Key	Key	3	65/77.5mm	44.5/57mm	57mm			
DB		Turn	Key	1	77.5mm	57mm	n/a			

Key: Locking Mechanism - CB = Clawbolt, DB = Deadbolt, L = Latch

Bolt Through Fixings - ● = Handles

KA = Keyed Alike Only

D = Masterkey Grouping

\*KA4 = 65, 77.5 & 103mm Size KA7 = 51mm Size

# Lever Mortice: Security Range



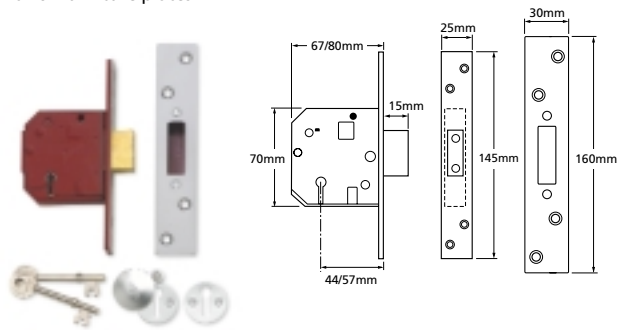
## 5 Lever

### UNION 2134 5 Lever BS Deadlock

- 67 (2 1/2") or 80mm (3") case sizes available
- Deadbolt locked or unlocked by key from either side
- Can be supplied keyed alike with 2234 but cannot be master keyed
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



BS3621:1980

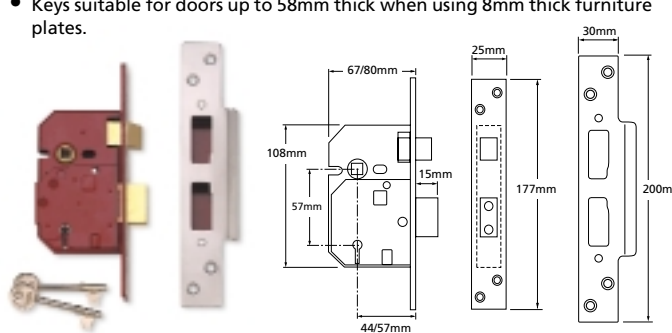


### UNION 2234 5 Lever BS Sashlock

- 67 (2 1/2") or 80mm (3") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle.
- Pierced to accept bolt through furniture.
- Can be supplied keyed alike with 2134 but cannot be master keyed.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



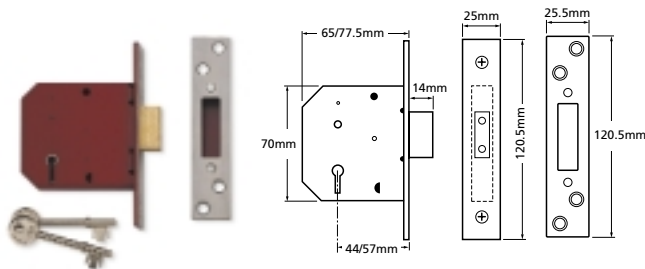
BS3621:1980



## 5 Lever

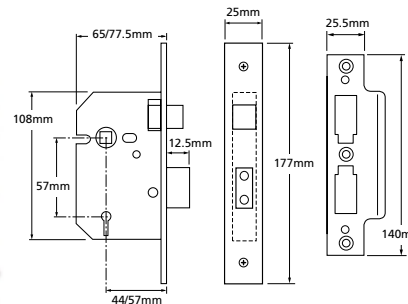
### UNION 2101 5 Lever Deadlock

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Can be supplied keyed alike with 2201 & 2401.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



### UNION 2201 5 Lever Sashlock

- 65 (2 1/2") or 77.5mm (3") case sizes available
- Deadbolt locked or unlocked by key from either side
- Latchbolt withdrawn by lever handle
- Pierced to accept bolt through furniture
- Can be supplied keyed alike with 2101 & 2401



	2134	2234	2101	2201
<b>Security Features</b>				
Protected Section				
Drill Resistant	•	•		
Saw Resistant	•	•	•	•
Force Resistant	•	•	•	•
Pick Resistant	•	•		
Escape				
Key Control	KA5	KA5	KA8	KA8
Guarantee	15	15	10	10
<b>Security Features</b>				
Locking Mechanism	DB	L/DB	DB	L/DB
<b>Bolt Through Fixings</b>				
Locking Internal	Key	Key	Key	Key
Locking External	Key	Key	Key	Key
Springing		3		3
<b>Door Specification</b>				
Case Size (mm)	67/80	67/80	65/77.5	65/77.5
Backset (mm)	45/57.5	45/57.5	44.5/57	44.5/57
Centres (mm)		57		57
<b>Case Finishes</b>				
Brass	•	•	•	•
Satin	•	•	•	•
Other				

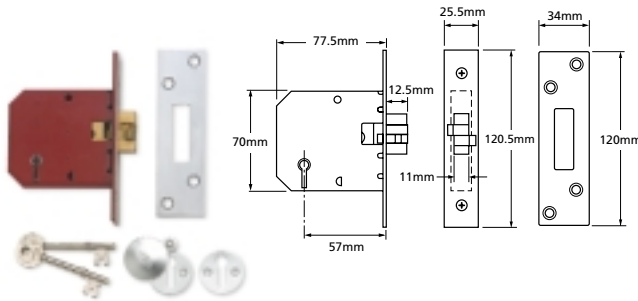
# Lever Mortice: Standard Range



## 5 Lever

### UNION 2401 5 Lever Sliding Door Lock

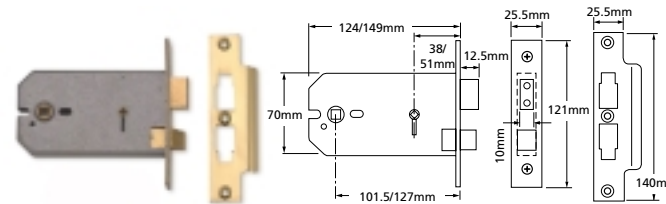
- 77.5mm (3") case size available.
- Claw Deadbolt locked or unlocked by key from either side.
- Can be supplied keyed alike with 2101 & 2201.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



## 3 Lever

### UNION 2026 Horizontal Bathroom Lock

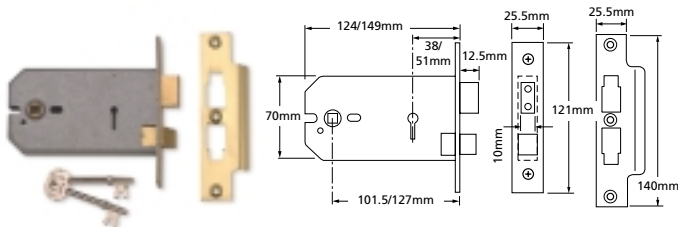
- Two way action suitable for knobs or sprung lever handles.
- 124 (5") or 149mm (6") case sizes available.
- Deadbolt locked or unlocked by separate turn from inside.
- Deadbolt unlocked by separate emergency release from outside.
- Latchbolt withdrawn by knob or sprung lever handle from either side.
- Pierced to accept bolt through furniture.



## 3 Lever

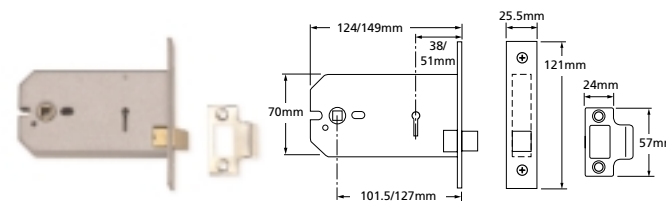
### UNION 2077 Horizontal Mortice Lock

- Two way action suitable for knobs or sprung lever handles.
- 124 (5") or 149mm (6") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by knob or sprung lever handle from either side.
- Pierced to accept bolt through furniture.



### UNION 26773 • 267732 Horizontal Mortice Latches

- Two way action suitable for knobs or sprung lever handles (26773).
- One way action for lever handles (267732).
- 124 (5") or 149mm (6") case sizes available.
- Latchbolt withdrawn by knob or sprung lever handle from either side.
- Pierced to accept bolt through furniture.



	2401	2026	2077	26773 267732
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant		•	•	
Force Resistant				
Pick Resistant				
Escape				
Key Control	KA8		KA4	
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	CB	L/DB	L/DB	L
Bolt Through Fixings	•	•	•	•
Locking Internal	Key	Turn	Key	
Locking External	Key	Turn/ER	Key	
Springing		2	2	2 (26773) 3 (267732)
<b>Door Specification</b>				
Case Size (mm)	77.5	124/149	124/149	124/149
Backset (mm)	57	101.5/127	101.5/127	101.5/127
Centres (mm)		n/a	n/a	n/a
<b>Case Finishes</b>				
Brass	•	•	•	•
Satin	•	•	•	•
Other				

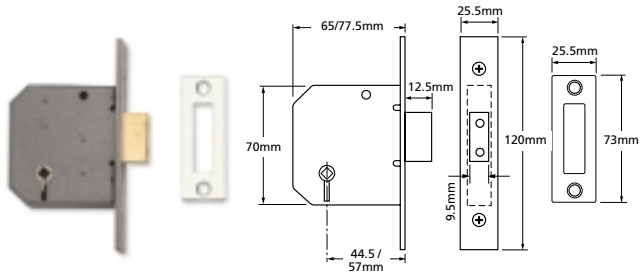
# Lever Mortice: Standard Range



## 3 Lever

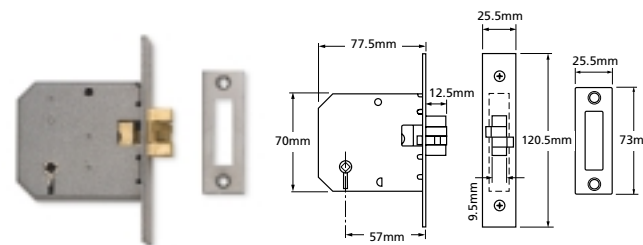
### UNION 2126 Bathroom Lock

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Deadbolt locked or unlocked by separate turn from inside
- Deadbolt unlocked by separate emergency release from outside



### UNION 2426 Bathroom Lock for Sliding Doors

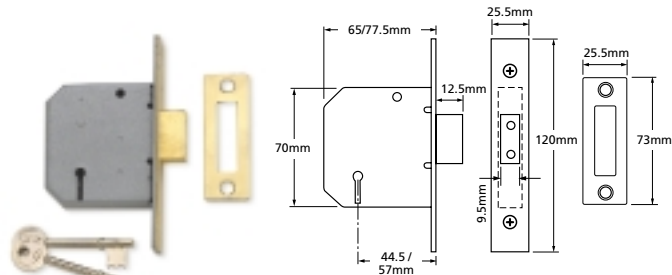
- 77.5mm (3") case size available
- Claw Deadbolt locked or unlocked by separate turn from inside.
- Claw Deadbolt unlocked by separate emergency release from outside.



## 3 Lever

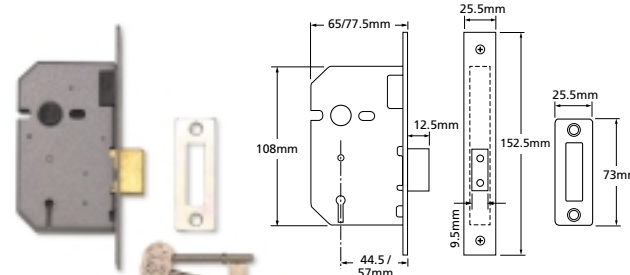
### UNION 2177 Mortice Deadlock

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



### UNION 2157 Large Case Mortice Deadlock

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



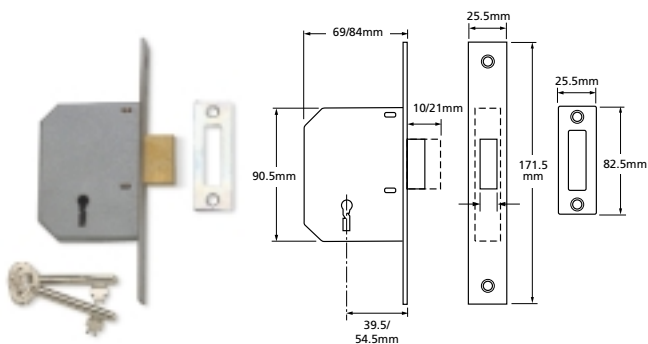
	2126	2426	2177	2157
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant	•		•	•
Force Resistant				
Pick Resistant				
Escape				
Key Control			KA4	KA4
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	DB	CB	DB	DB
Bolt Through Fixings				
Locking Internal	Turn	Turn	Key	Key
Locking External	ER	ER	Key	Key
Springing				
<b>Door Specification</b>				
Case Size (mm)	65/77.5	77.5	65/77.5	65/77.5
Backset (mm)	44.5/57	57	44.5/57	44.5/57
Centres (mm)	n/a	n/a	n/a	n/a
<b>Case Finishes</b>				
Brass	•	•	•	•
Satin	•	•	•	•
Other				

# Lever Mortice: Standard Range

## 3 Lever

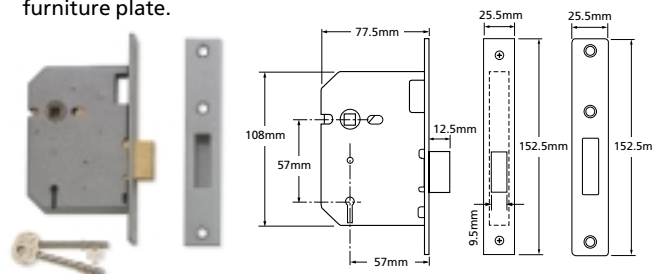
### UNION 2188 Double Throw Deadlock

- 69 or 84mm case sizes available.
- Double throw deadbolt locked or unlocked by key.
- Keys suitable for doors up to 56mm when using 8mm thick furniture.



### UNION 21572 Escape Mortice Deadlock

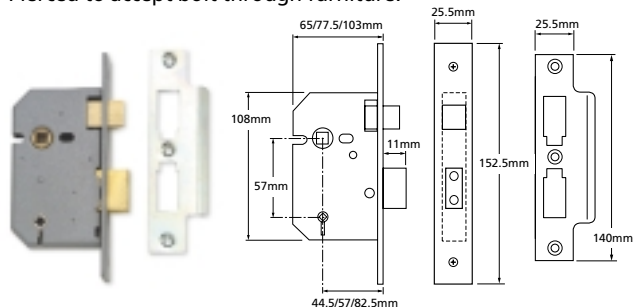
- 77.5mm (3") case size available
- Deadbolt locked or unlocked by key from outside
- Deadbolt locked or unlocked from inside by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles - company advice on suitable handles to be sought
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plate.



## 3 Lever

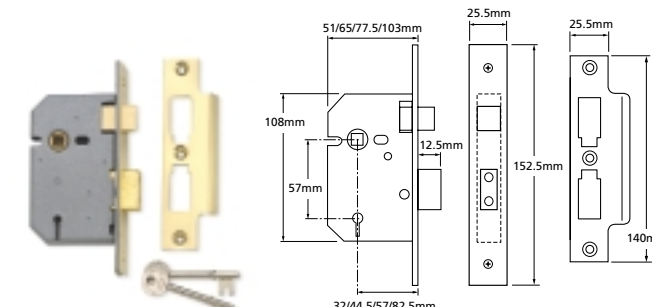
### UNION 2226 Bathroom Lock

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Deadbolt locked or unlocked by separate turn from inside.
- Deadbolt unlocked by separate emergency release from outside.
- Latchbolt withdrawn by handle from either side.
- Pierced to accept bolt through furniture.



### UNION 2277 Mortice Lock

- 51(2"), 65 (2 1/2"), 77.5 (3") or 103mm (4") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle from either side.
- Pierced to accept bolt through furniture.



	2188	21572	2226	2277
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant		•	•	•
Force Resistant				
Pick Resistant				
Escape		•		
Key Control	KA3	KA7		KA4
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	DB	DB	L/DB	L/DB
Bolt Through Fixings			•	•
Locking Internal	Key	Turn	Turn	Key
Locking External	Key	Key	ER	Key
Springing			3	3
<b>Door Specification</b>				
Case Size (mm)	69/84	77.5	65/77.5/103	65/77.5/103
Backset (mm)	39.5/54.5	57	44.5/57/82.5	44.5/57/82.5
Centres (mm)	n/a	n/a	57	57
<b>Case Finishes</b>				
Brass		•	•	•
Satin		•	•	•
Other	SE			CH

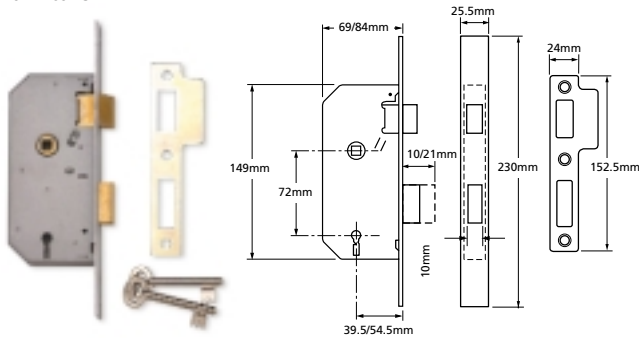
# Lever Mortice: Standard Range



## 3 Lever

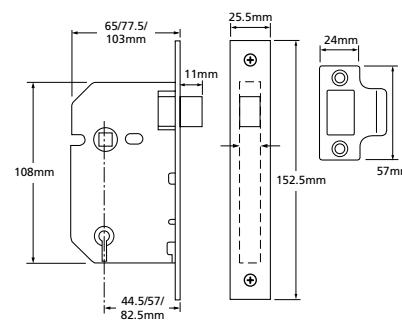
### UNION 2288 Double Throw Sashlock

- 69 or 84mm case sizes available.
- Double throw deadbolt locked or unlocked by key.
- Latchbolt withdrawn by lever handles.
- Keys suitable for doors up to 56mm when using 8mm thick furniture.



### UNION 2657 Large Case Mortice Latch

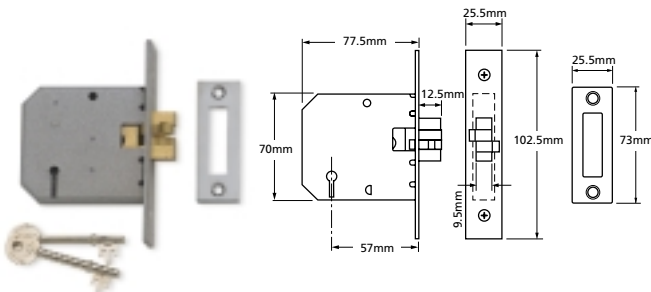
- 65 (2 1/2"), 77.5 (3") or 103mm (4") case sizes available
- Latchbolt withdrawn by lever handle from either side
- Pierced to accept bolt through furniture



## 3 Lever

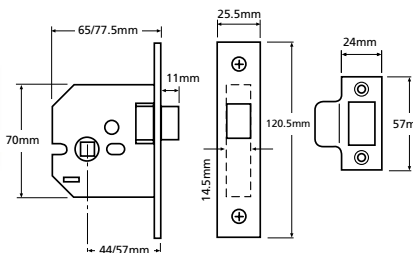
### UNION 2477 Mortice Deadlock for Sliding Doors

- 77.5mm (3") case size available.
- Claw Deadbolt locked or unlocked by key from either side.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



### UNION 2677 Mortice Latch

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Latchbolt withdrawn by lever handle from either side.
- Pierced to accept bolt through furniture.



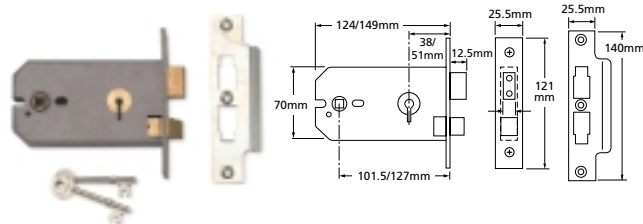
	2288	2657	2477	2677
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant				
Force Resistant				
Pick Resistant				
Escape				
Key Control	KA3		KA4	
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	L/DB	L	CB	L
Bolt Through Fixings		●		●
Locking Internal	Key		Key	
Locking External	Key		Key	
Springing	3	3		3
<b>Door Specification</b>				
Case Size (mm)	69/84	65/77.5/103	77.5	65/77.5
Backset (mm)	39.5/54.5	44.5/57/82.5	57	44/57
Centres (mm)	72	n/a	n/a	n/a
<b>Case Finishes</b>				
Brass		●	●	●
Satin		●	●	●
Other	SE			

# Lever Mortice: Standard Range

## 3 Lever

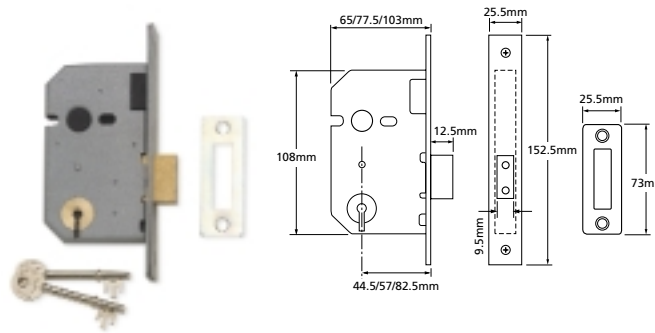
### UNION 2037 Masterkeyable Horizontal Mortice Lock

- Two way action suitable for knobs or sprung lever handles.
- 124 (5") or 149mm (6") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by knob or sprung lever handle.
- Can be master keyed with other 3 lever master keyable locks.
- Pierced to accept bolt through furniture.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



### UNION 2137 Masterkeyable Mortice Deadlock

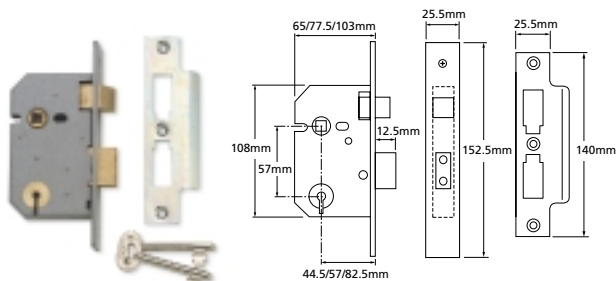
- Deadbolt locked or unlocked by key from either side.
- Can be master keyed with other 3 lever master keyable locks .
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



## 3 Lever

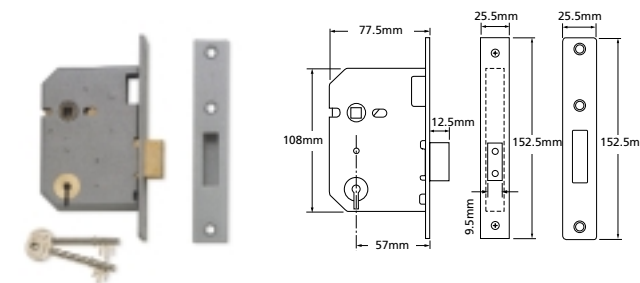
### UNION 2237 Masterkeyable Mortice Lock

- 65 (2 1/2") or 77.5 (3") case sizes available.
- Deadbolt locked or unlocked by key from either side.
- Can be master keyed with other 3 lever masterkeyable locks .
- Pierced to accept bolt through furniture.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates.



### UNION 21672 Masterkeyable Escape Mortice Lock

- 77.5mm (3") case size available.
- Deadbolt locked or unlocked by key from outside.
- Deadbolt locked or unlocked from inside by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles - company advice on suitable handles to be sought.
- Can be master keyed with other 3 lever masterkeyable locks.



	2037	2137	2237	21672
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant	●	●	●	●
Force Resistant				
Pick Resistant				
Escape				●
Key Control	D	D	D	D
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	L/DB	DB	L/DB	DB
Bolt Through Fixings	●		●	
Locking Internal	Key	Key	Key	Turn
Locking External	Key	Key	Key	Key
Springing	2		3	
<b>Door Specification</b>				
Case Size (mm)	124/149	65/77.5/103	65/77.5/103	77.5
Backset (mm)	101.5/127	44.5/57/82.5	44.5/57/82.5	57
Centres (mm)	n/a	n/a	57	n/a
<b>Case Finishes</b>				
Brass	●	●	●	●
Satin	●	●	●	●
Other				

## Contract Locks and Latches



**UNION** 2294 Page  
M14



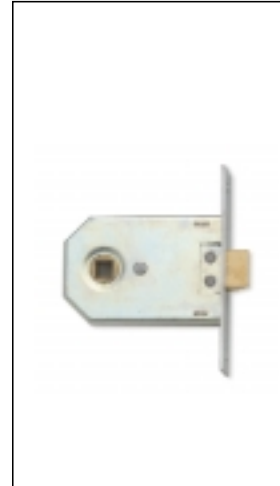
**UNION** 2295 Page  
M14




**UNION** 2242 Page  
M14




**UNION** 2243 Page  
M14



**UNION** 2642 Page  
M15



**UNION** 2648 Page  
M15



**UNION** 2A Page  
M15

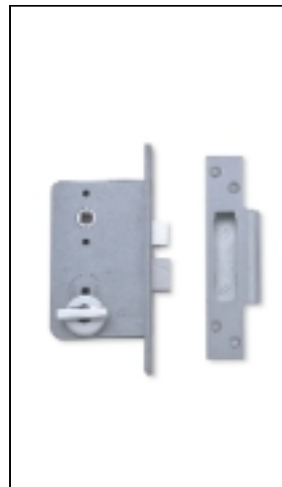
## Contract Locks and Latches



**UNION** 2D Page  
M15



**UNION** 2J Page  
M16



**UNION** 4G Page  
M16



**UNION** 4H Page  
M16



**UNION** 4J Page  
M16



**UNION** 4K Page  
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**UNION** 4L Page  
M17

# UNION<sup>®</sup> Lever Mortice Locks



## UNION Contract Locks & Latches

Product Name	Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Escape	Key Control	Guarantee	Keying	Security Features			Door Specification			Case Finishes				
										Locking Mechanism	Bolt Through Fixings	Locking Internal	Locking External	Springing	Case Size	Back Set	Centres	Brass	Satin	Other
2294 Bathroom									5	L/DB		Turn	Emerg Rel	1	63/76mm	44.5/57mm	57mm	●	●	
2295 2 Lever Sashlock									KA1 5	L/DB		Key	Key	1	63/76mm	44.5/57mm	57mm	●	●	
2242 Rebated									KA1 5	L/DB		Key	Key	1	65.5/78.5mm	44.5/57mm	57mm	● (2)		SE
2243 3 Lever Sashlock									KA2 5	L/DB		Key	Key	1	63/76mm	44.5/57mm	57mm	●	●	
2642 Latch									5	L				1	63.5/76.5/101.5mm	44.5/57.5/82.5mm	n/a	●		BZ
2648 Tubular Latch									5	L				1	64.5/80/91.5mm	44.5/60.5/71.5mm	n/a	●		BZ
2650 Rebated Tubular Latch									5	L				1	64.5/80/91.5mm	44.5/60.5/71.5mm	n/a	●		BZ

## UNION Wellington Contract Locks & Latches

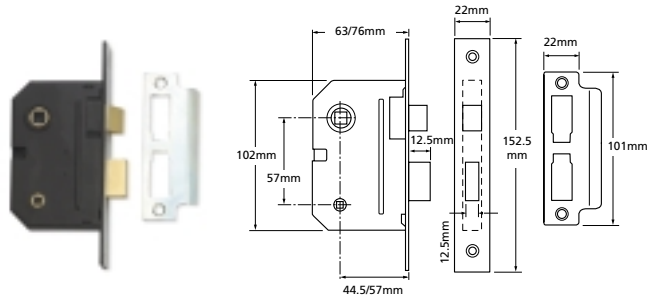
2A Waterloo Latch									5	L				1	70mm	51mm				●
2D Waterloo Locking Latch									5	L/DB		Turn	Emerg Rel	1	70mm	51mm	57mm			●
2J Waterloo Mortice Lock									5	L/DB		Turn	Key	1	70mm	51mm	57mm			●
4G Fort Lock			●					W	5	L/DB		Turn	Key	1	78mm	51mm				●
4G37675 Fort Lockset			●					W	5	L/DB		Turn	Key	1	78mm	51mm	57mm			●
4GB Fort Lockset			●					W	5	L/DB		Key	Key	1	78mm	51mm	57mm			●
4H Fort Deadlock			●					W	5	DB		Key	Key	1	78mm	51mm				●
4J Fort Sashlock			●					W	5	L/DB		Turn	Key	1	78mm	51mm	57mm			●
4K Fort Escape Deadlock			●					W	5	DB		Turn	Key		78mm	51mm				●
4L Fort Mortice Nightlatch								W	5	L		Auto Turn /Key	Key	1	78mm	51mm				●
4L37675 Fort Mortice Lockset								W	5					1						●

Key: Locking Mechanism - DB = Deadbolt, L = Latch    KA = Keyed Alike Only    W = Masterkey Grouping    (2) = Electro Brass

## Contract Lever Locks & Latches

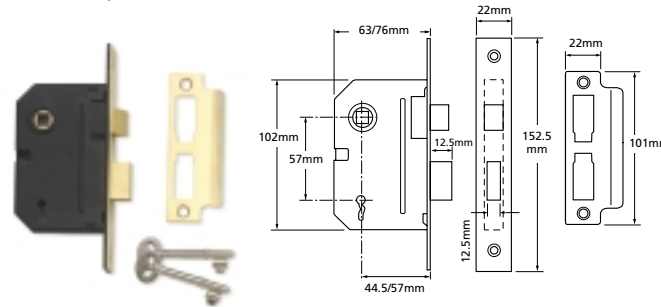
### UNION 2294 Mortice Bathroom Lock

- Two way action suitable for lightweight knobs or sprung handles.
- Available in either 63 or 76mm case sizes.
- Deadbolt locked or unlocked by separate turn from inside.
- Deadbolt unlocked by separate emergency release from outside.
- Latchbolt withdrawn by lever handle from either side.
- Not suitable for unsprung lever handles.



### UNION 2295 Mortice Lock

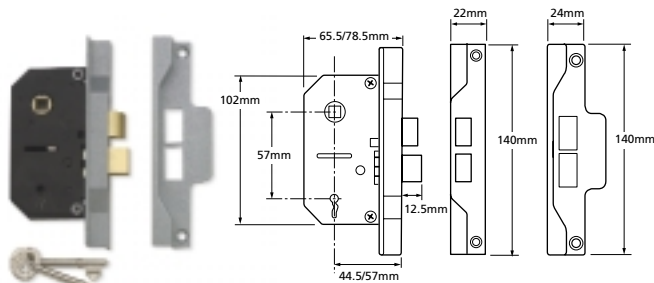
- 2 Levers. Available in either 63 or 76mm case sizes.
- Two way action suitable for lightweight knobs or sprung handles.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle from either side
- Keys suitable for doors upto 55mm thick when using 8mm thick furniture plates.



## Contract Lever Locks & Latches

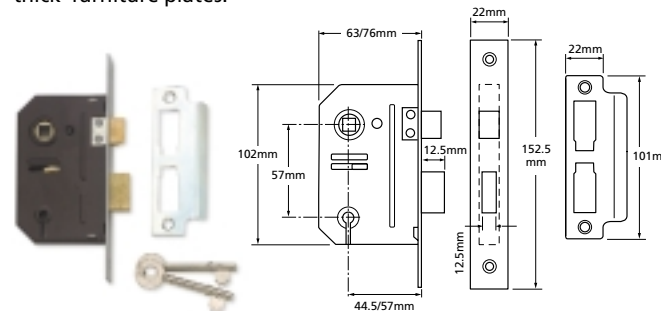
### UNION 2242 Rebated Mortice Lock

- 2 Levers. Available in 65.5 or 78.5mm case sizes. 13mm rebate.
- Two way action suitable for lightweight knobs or sprung handles.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle from either side
- Keys suitable for doors upto 55mm thick when using 8mm thick furniture plates.



### UNION 2243 Mortice Lock

- 3 Levers. Available in 63 or 76mm case sizes.
- Two way action suitable for sprung handles.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by sprung lever handle from either side
- Keys suitable for doors upto 58mm thick when using 8mm thick furniture plates.



	2294	2295	2242	2243
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant				
Force Resistant				
Pick Resistant				
Escape				
Key Control		KA1	KA1	KA2
Guarantee	5	5	5	5
<b>Security Features</b>				
Locking Mechanism	L/DB	L/DB	L/DB	L/DB
<b>Bolt Through Fixings</b>				
Locking Internal	Turn	Key	Key	Key
Locking External	ER	Key	Key	Key
Springing	1	1	1	1
<b>Door Specification</b>				
Case Size (mm)	63/76	63/76	65.5/78.5	63/76
Backset (mm)	44.5/57	44.5/57	44.5/57	44.5/57
Centres (mm)	57	57	57	57
<b>Case Finishes</b>				
Brass	•	•	• (2)	•
Satin	•	•		•
Other			SE	

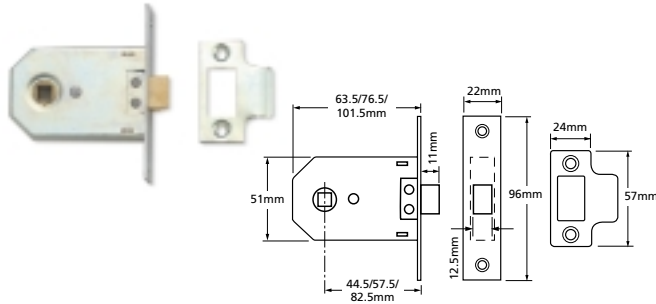
# Lever Mortice: Contract Range



## Contract Lever Locks & Latches

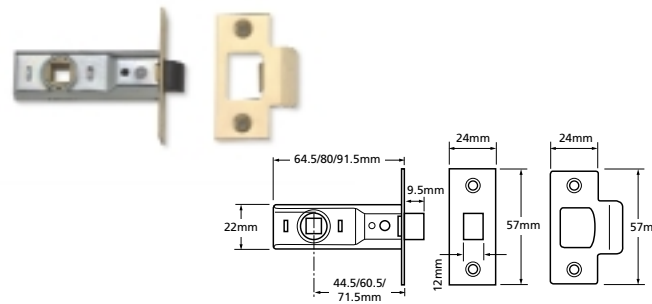
### UNION 2642 Mortice Latch

- Two way action suitable for lightweight knobs or sprung lever handles.
- 63.5, 76.5, 101.5mm case sizes available.
- Latchbolt withdrawn by knobs or sprung lever handles from either side
- Not suitable for unprung lever handles.



### UNION 2648 • 2650 Mortice Latches

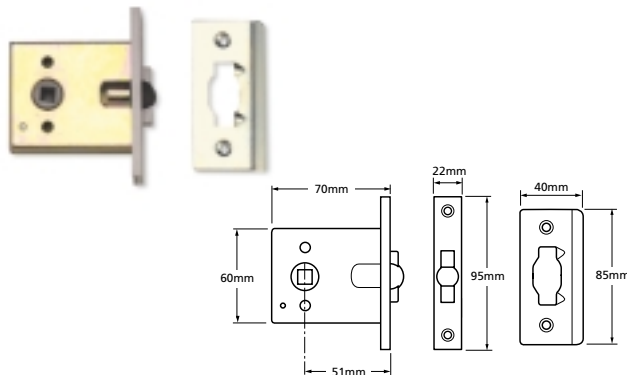
- Two way action suitable for lightweight knobs or sprung lever handles.
- 64.5, 80, 91.5mm case sizes available.
- Latchbolt withdrawn by sprung lever handles from either side
- Not suitable for unprung lever handles.
- 2650 = rebated mortice latch, suitable for 13mm rebate.



## Wellington

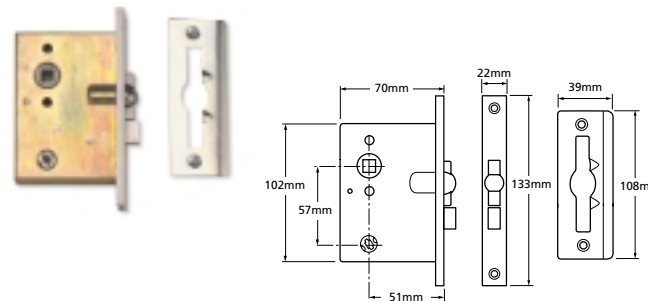
### UNION 2A Waterloo Latch

- Suitable for residential use.
- 70mm case size available.
- Double coil spring motion with easy action latch.



### UNION 2D Waterloo Locking Latch

- Suitable for residential use.
- 70mm case size available.
- Double coil spring motion with easy action latch.
- Locked or unlocked by separate turn from inside.
- Unlocked by separate emergency release from outside.



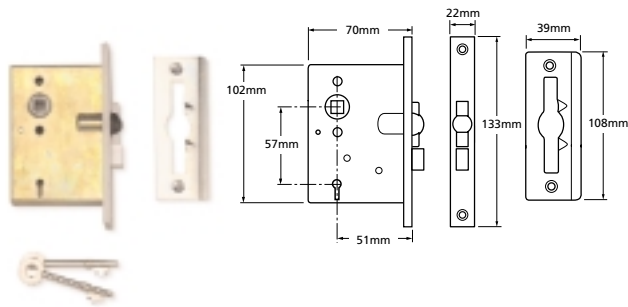
	2642	2648/50	2A	2D
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant				
Force Resistant				
Pick Resistant				
Escape				
Key Control				
Guarantee	5	5	5	5
<b>Security Features</b>				
Locking Mechanism	L	L	L	L/DB
Bolt Through Fixings			•	•
Locking Internal				Turn
Locking External				ER
Springing	1	1	1	1
<b>Door Specification</b>				
Case Size (mm)	63.5/76.5/101.5	64.5/80/91.5	70	70
Backset (mm)	44.5/57.5/82.5	44.5/57/82.5	51	51
Centres (mm)	n/a	n/a		57
<b>Case Finishes</b>				
Brass	•			
Satin			•	•
Other	CH	BZ		

# Lever Mortice: Contract Range

## Wellington

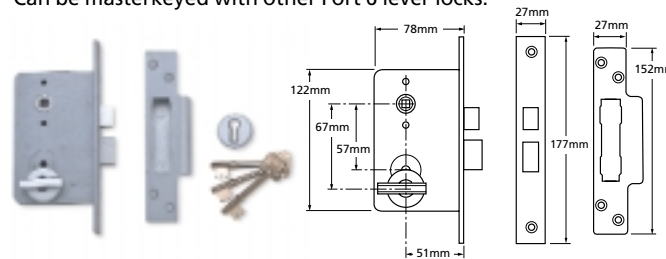
### UNION 2J Waterloo Mortice Lock

- Suitable for residential use.
- 70mm case size available.
- Locked or unlocked by key from either side.
- Double coil spring motion with easy action latch.
- Latchbolt withdrawn by lever handle.



### UNION 4G Fort Lock

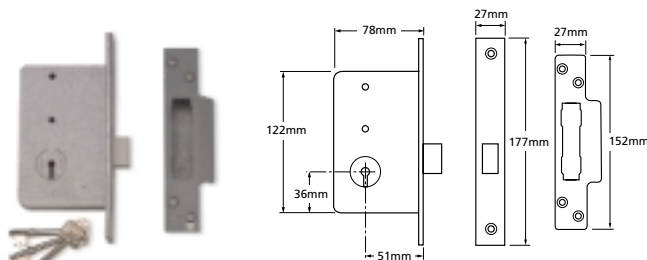
- Suitable for residential or sheltered housing use.
- Particularly suitable for flat entrance doors as lock cannot be accidentally slam locked.
- 6 lever mechanism, 78mm case size.
- Deadbolt locked or unlocked by key from outside
- Deadbolt locked or unlocked from inside by separate turn snib.
- Latchbolt withdrawn by lever handle.
- Can be masterkeyed with other Fort 6 lever locks.



## Wellington

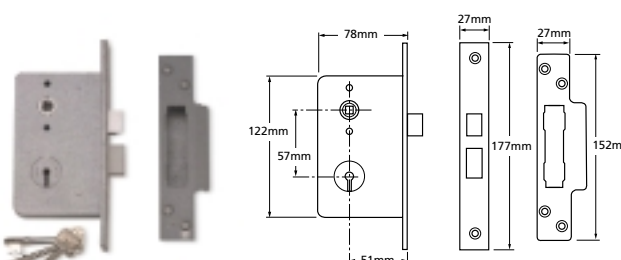
### UNION 4H Fort 6 Lever Deadlock

- Suitable for residential or sheltered housing use.
- 78mm case size available.
- Deadbolt locked or unlocked by key from either side.



### UNION 4J Fort 6 Lever Sashlock

- Suitable for residential or sheltered housing use.
- 70mm case size available.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle.



	2J	4G	4H	4J
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant				
Force Resistant				
Pick Resistant				
Escape				
Key Control		W	W	W
Guarantee	5	5	5	5
<b>Security Features</b>				
Locking Mechanism	L/DB	L/DB	DB	L/DB
Bolt Through Fixings	●	●		●
Locking Internal	Key	Turn	Key	Key
Locking External	Key	Key	Key	Key
Springing	1	1	1	1
<b>Door Specification</b>				
Case Size (mm)	70	78	78	78
Backset (mm)	51	51	51	51
Centres (mm)	57	57/67	n/a	57
<b>Case Finishes</b>				
Brass				
Satin	●	●	●	●
Other				



## Cylinder Mortice



**UNION** 212441 Page M20



**UNION** 222441 Page M20



**UNION** 222445 Page M21



**UNION** 2041 Page M21



**UNION** 2141 Page M21



**UNION** 2161 Page M22



**UNION** 21278 Page M22

## Cylinder Mortice



**UNION** 2241 Page M22



**UNION** 22278 Page M22



**UNION** 2332 Page M23



**UNION** 2341 Page M23



**UNION** 2441 Page M24



**UNION** 21412 Page M24



# Cylinder Mortice Locks



## UNION Cylinder Mortice

Product Name	Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Escape	Key Control	Guarantee	Locking Mechanism	Bolt Through Fixings	Locking		Springing	Door Specification			Case Finishes		
											Internal	External		Case Size	Back Set	Centres	Brass	Satin	Other
212441 BS3621 Deadlock	●	●	●	●	●				DB		Key	Key		67/80mm	45/57.5mm		●	●	
212442 BS3621 Deadlock	●	●	●	●	●				DB		Key	Key		67/80mm	45/57.5mm		●	●	
L2144 Deadlock Case	O	●	●	●	●				DB		Key/Turn	Key		67/80mm	45/57.5mm		●	●	
222441 BS3621 Sash Lock + Rose	●	●	●	●	●				L/DB	●▲	Key	Key	3	67/80mm	45/57.5mm	47.5mm	●	●	
222442 BS3621 Sash Lock + Rose	●	●	●	●	●				L/DB	●▲	Key	Key	3	67/80mm	45/57.5mm	47.5mm	●	●	
L2244 Euro Sash Case	O	●	●	●	●				L/DB	●▲	Key/Turn	Key	3	67/80mm	45/57.5mm	47.5mm	●	●	
222443 BS3621 Night Lock	●	●	●	●	●				L/DB	▲	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
222444 BS3621 Night Lock Case	●	●	●	●	●				L/DB	▲	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L224407 Night Lock Case	O	●	●	●	●				L/DB	▲	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
222445 BS Nightlock with Hold Back	●	●	●	●	●				L/DB	▲	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
222446 BS Nightlock with Hold Back	●	●	●	●	●				L/DB	▲	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L224408 Nightlock + Snib Case	O	●	●	●	●				L/DB	▲	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	

## UNION Oval Cylinder

L2041 Horizontal Case	O								A,B,C	10	L/DB	●	Key/Turn	Key	2	149mm	127mm		●	●
2041 Horizontal Lock										10	L/DB	●	Turn	Key	2	149mm	127mm		●	●
20241 Horizontal Lock										10	L/DB	●	Key	Key	2	149mm	127mm		●	●
L2141 Deadlock Case	O								A,B,C	10	DB		Key/Turn	Key		65/77.5/103mm	44.5/57/82.5mm		●	●
2141 Deadlock Lock										10	DB		Turn	Key		65/77.5/103mm	44.5/57/82.5mm		●	●
21241 Deadlock Lock										10	DB		Key	Key		65/77.5/103mm	44.5/57/82.5mm		●	●
L2161 Small Deadlock Case	O								A,B,C	10	DB		Key/Turn	Key		65/77.5mm	44.5/57mm		●	●
2161 Small Deadlock										10	DB		Turn	Key		65/77.5mm	44.5/57mm		●	●
L21278 Double Throw Deadlock Case	O								A,B,C	10	DB		Key/Turn	Key		69mm	39.5mm			SE
21278 Double Throw Deadlock										10	DB		Key	Key		69mm	39.5mm			SE
L2241 Sashlock Case	O								A,B,C	10	L/DB	●	Key/Turn	Key	3	65/77.5/103mm	44.5/57/82.5mm	48.5mm	●	●
2241 Sashlock										10	L/DB	●	Turn	Key	3	65/77.5/103mm	44.5/57/82.5mm	48.5mm	●	●
22241 Sashlock										10	L/DB	●	Key	Key	3	65/77.5/103mm	44.5/57/82.5mm	48.5mm	●	●
22278 Double Throw Sashlock										10	L/DB		Key	Key	3	69/84mm	39.5/54.5mm	66.5mm		SE
L2332 Nightlatch Case	O								A,B,C	10	LB		Key/Turn	Key	1	65/77.5mm	47.5/60mm		●	●
2332 Nightlatch										10	LB		Auto/Turn	Key	1	65/77.5mm	47.5/60mm		●	●
23322 Nightlatch										10	LB		Auto/Key	Key	1	65/77.5mm	47.5/60mm		●	●
L23232 Nightlatch Case	O								A,B,C	10	LB		Key	Key	1	65/77.5mm	47.5/60mm		●	●
L2341 Nightlatch Case	O								A,B,C	10	LB		Key/Turn	Key	3	77.5mm	57mm	48mm	●	●
2341 Nightlatch										10	LB		Auto/Turn	Key	3	77.5mm	57mm		●	●
L2441 Sliding Door Case	O								A,B,C	10	CB		Key/Turn	Key		77.5/103mm	57/82.5mm		●	●
2441 Sliding Door Lock										10	CB		Turn	Key		77.5/103mm	57/82.5mm		●	●
L2142 Escape Deadlock Case	O					●			A,B,C	10	DB		SepTurn	Key	1	77.5mm	57mm		●	●
21412 Escape Deadlock						●				10	DB		SepTurn	Key	1	77.5mm	57mm		●	●

Key: O = Optional Locking Mechanism - DB = Deadbolt, L = Latch

Bolt Through Fixings - ● = Handles

A,B,C = Masterkey Grouping

KA = Keyed Alike Only

▲ = Security Rose

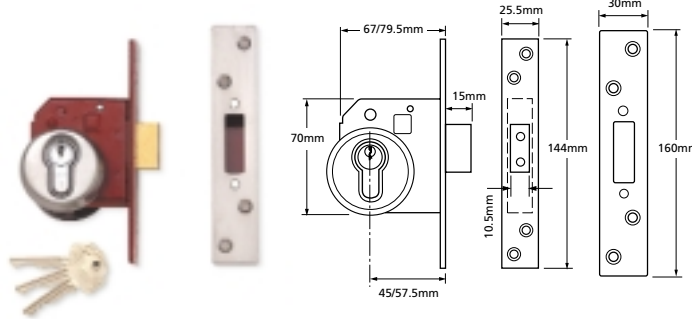
## Security Lock Cases

### UNION 212441 • 212442 • L2144 Mortice Deadlock

212441 BS Mortice Deadlock Supplied with 53043 Security Rose.  
 212442 BS Mortice Deadlock Supplied with 53053 Security Rose Thin Inner Rose.  
 L2144 Non BS Kitemarked Mortice Deadlock Case.



- Kitemarked to BS3621 when supplied as complete lock set.
- 67 (2 1/2") or 80mm (3") case sizes available.
- Deadbolt locked or unlocked by cylinder key from either side.
- For BS variants the standard cylinder is suitable for doors up to 54mm.
- For BS variants the lock is not suitable for doors less than 44mm.
- Extensive differs - keys not numbered for security reasons.
- When specified as a non Kitemarked lock case L2144 the lock cylinder can be master keyed with other cylinder locks.



	212441 212442	L2144	222441 222442	L2244
<b>Security Features</b>				
Protected Section		O		O
Drill Resistant	•	•	•	•
Saw Resistant	•	•	•	•
Force Resistant	•	•	•	•
Pick Resistant	•		•	
Escape				
Key Control	KA6	A,B,C	KA6	A,B,C
Guarantee	15	15	15	15

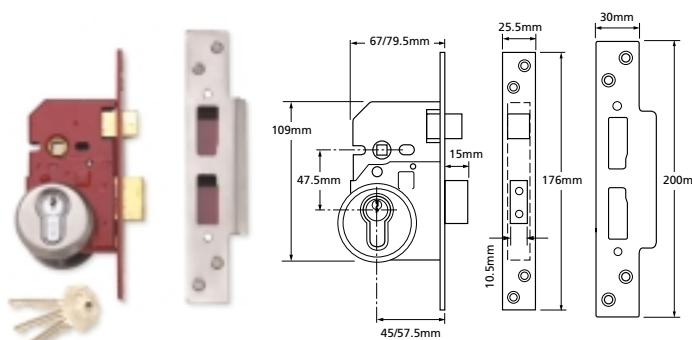
## Security Lock Cases

### UNION 222441 • 222442 • L2244 Mortice Sashlock

222441 BS Mortice Sashlock Supplied with 53043 Security Rose.  
 222442 BS Mortice Sashlock Supplied with 53053 Security Rose Thin Inner Rose.  
 L2244 Non BS Kitemarked Mortice Sashlock Case.



- Kitemarked to BS3621 when supplied as complete lock set.
- 67 (2 1/2") or 80mm (3") case sizes available.
- Deadbolt locked or unlocked by cylinder key from either side.
- Latchbolt withdrawn by lever handle.
- For BS variants the standard cylinder is suitable for doors up to 54mm.
- For BS variants the lock is not suitable for doors less than 44mm.
- When specified as a non Kitemarked lock case L2244 the lock cylinder can be master keyed with other cylinder locks.



	212441 212442	L2144	222441 222442	L2244
<b>Security Features</b>				
Locking Mechanism	DB	DB	L/DB	L/DB
Bolt Through Fixings			•▲	•▲
Locking Internal	Key	Key/Turn	Key	Key/Turn
Locking External	Key	Key	Key	Key
Springing			3	3
<b>Door Specification</b>				
Case Size (mm)	67/80	67/80	67/80	67/80
Backset (mm)	45/57.5	45/57.5	45/57.5	45/57.5
Centres (mm)	n/a	n/a	47.5	47.5
<b>Case Finishes</b>				
Brass	•	•	•	•
Satin	•	•	•	•
Other				

# Cylinder Mortice: Security Range



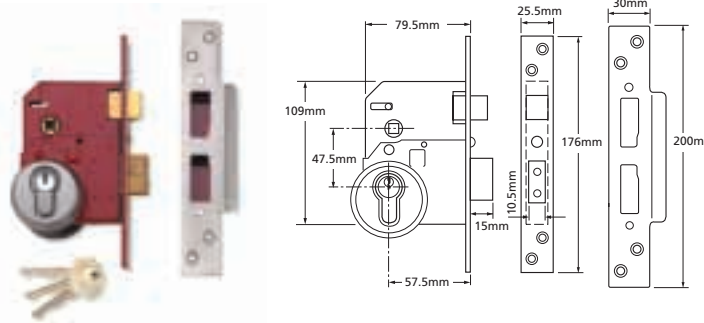
## Security Lock Cases

**UNION** 222445 • 222446 • L222448 • 222443 • 222444 • L222447

222445 BS Nightlock with Holdback Snib.      222443 BS Nightlock without Holdback Snib.  
 222446 BS Nightlock with Holdback Snib.      222444 BS Nightlock without Holdback Snib.  
 L222448 Nightlock Case with Holdback Snib.      L222407 Nightlock Case without Holdback Snib.



- Kitemarked to BS3621 : 1980 - When supplied as complete lockset with security 6 pin cylinder and security roses.
- 80mm (3") case size.
- Deadbolt locked or unlocked by cylinder key from either side.
- Latchbolt withdrawn by key from outside.
- Latchbolt withdrawn by lever handle from inside.
- Snib function operated by depressing handle and pushing snib in forend. Snib released by depressing handle again.
- For BS variants the standard cylinder is suitable for doors up to 54mm.
- For BS variants the lock is not suitable for doors less than 44mm.



## Oval Profile Cylinder Locks

**UNION** L2041 • 2041 • 20241 Horizontal Mortice Locks

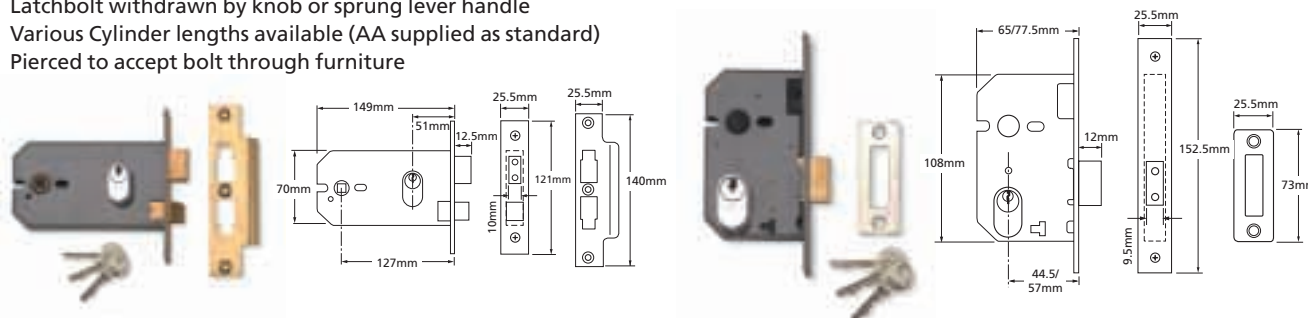
L2041 Lock Case and Striking Plate only  
 2041 Lock Case with 2X13-AA length Key and Turn Cylinder  
 20241 Lock Case with 2X6-AA length Key and Key Cylinder

- Two way action suitable for knobs or sprung lever handles
- 149mm (6") case size available
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Latchbolt withdrawn by knob or sprung lever handle
- Various Cylinder lengths available (AA supplied as standard)
- Pierced to accept bolt through furniture

**UNION** L2141 • 2141 • 21241 Mortice Deadlocks

L2141 Deadlock Case and Striking Plate only  
 2141 Deadlock Case with 2X13-AA length Key & Turn Cylinder  
 21241 Deadlock Case with 2X6-AA length Key & Key Cylinder

- 65 (2 1/2") or 77.5mm (3") case sizes available
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Various Cylinder lengths available (AA supplied as standard)



	22244/ 5/6/7/8	2041 L2041	2141 L2141
<b>Security Features</b>			
Protected Section	○	○	○
Drill Resistant	●		
Saw Resistant	●	●	●
Force Resistant	●		
Pick Resistant	●		
Escape			
Key Control	KA6	A,B,C	A,B,C
Guarantee	15	10	10

	22244/ 5/6/7/8	2041 L2041	2141 L2141
<b>Security Features</b>			
Locking Mechanism	L/DB	L/DB	DB
Bolt Through Fixings	▲		
Locking Internal	Key	Key/Turn	Key/Turn
Locking External	Key	Key	Key
Springing	3	1	n/a

<b>Door Specification</b>			
Case Size (mm)	80	149	65/77.5
Backset (mm)	57.5	127	44.5/57
Centres (mm)	51	n/a	n/a

<b>Case Finishes</b>			
Brass	●	●	●
Satin	●	●	●
Other			

# Oval Profile Mortice Range

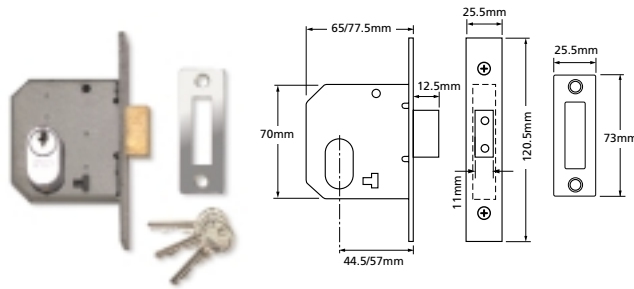


## Oval Profile Cylinder Locks

### UNION L2161 • 2161 Small Case Deadlock

L2161 Deadlock Case and Striking Plate only.  
2161 Deadlock Case with 2 x 13 -AA length Key and Turn Cylinder.

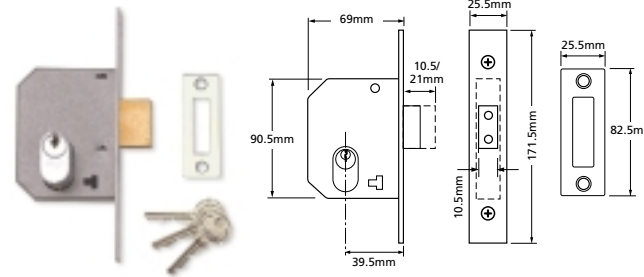
- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Cylinder options - key and turn, key and key or single half cylinder.
- Various Cylinder lengths available (AA supplied as standard).



### UNION L21278 • 21278 Double Throw Deadlock Case

L21278 Deadlock Case and Striking Plate only  
21278 Deadlock Case with 2 x 13 -AA length Key and Turn Cylinder

- 69mm case size available.
- Double throw deadbolt gives 21mm bolt throw when key turned twice.
- Cylinder options - key and turn, key and key.
- Various Cylinder lengths available (AA supplied as standard).

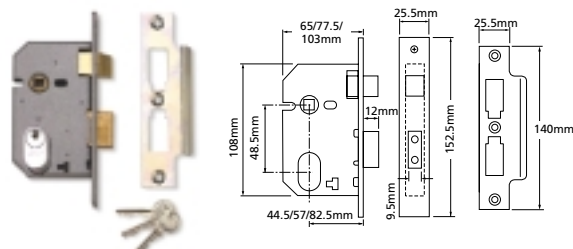


## Oval Profile Cylinder Locks

### UNION L2241 • 2241 • 22241 Mortice Lock

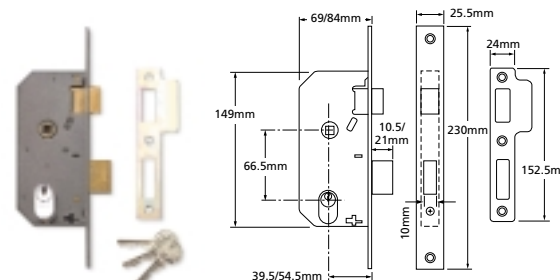
L2241 Deadlock Case and Striking Plate only.  
2241 Deadlock Case with 2X13-AA length Key & Turn Cylinder.  
22241 Lock Case with 2X6-AA length Key and Key Cylinder.

- 65 (2 1/2"), 77.5mm (3") or 103mm (4") case sizes available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by lever handle.
- Cylinder options - key and turn, key and key.
- Various Cylinder lengths available (AA supplied as standard).
- Pierced to accept bolt through furniture.



### UNION 22278 Double Throw Mortice Lock

- 69 or 84mm case sizes available
- Double throw deadbolt, 21mm bolt throw when key turned twice
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Latchbolt can be withdrawn by key
- Latchbolt withdrawn by lever handle
- Various Cylinder lengths available (AA supplied as standard)



	L2161 2161	L21278 21278	L2241 22241	22278
<b>Security Features</b>				
Protected Section	O	O	O	
Drill Resistant				
Saw Resistant	•		•	
Force Resistant				
Pick Resistant				
Escape				
Key Control	A,B,C	A,B,C	A,B,C	A,B,C
Guarantee	10	10	10	10

	L2161 2161	L21278 21278	L2241 22241	22278
<b>Security Features</b>				
Locking Mechanism	DB	DB	L/DB	L/DB
Bolt Through Fixings			•	
Locking Internal	Key/Turn	Key/Turn	Key/Turn	Key
Locking External	Key	Key	Key	Key
Springing			3	3

<b>Door Specification</b>				
Case Size (mm)	65/77.5	69	65/77.5/103	69/84
Backset (mm)	44.5/57	39.5	44.5/57/82.5	39.5/54.5
Centres (mm)		n/a	48.5	66.5

<b>Case Finishes</b>				
Brass	•		•	
Satin	•		•	
Other		SE		SE

# Oval Profile Mortice Range

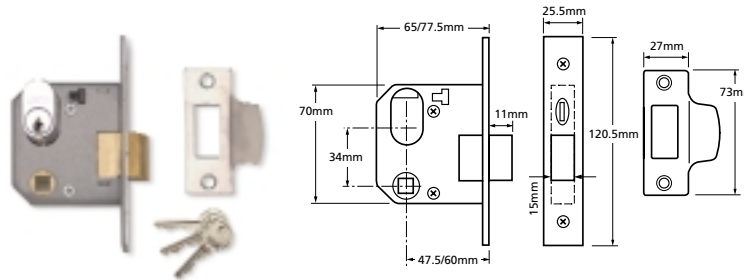


## Oval Profile Cylinder Locks

### UNION L2332 • 2332 • 23322 • 23232 Mortice Latch

- L2332 Lock Case with hold-back feature and striking plate.**
- 2332 Lock Case with hold-back feature, 2X1-A length Single Cylinder and 5203 Turn Snib.**
- 23322 Lock Case without hold-back feature, 2X1-A length Single Cylinder and 5203 Turn Snib.**
- 23232 Lock Case with hold-back feature, 2X6-AA length Double (key and key) Cylinder .**

- 65 (2 1/2") or 77.5mm (3") case sizes available.
- Latchbolt withdrawn by cylinder key from outside.
- Latchbolt withdrawn by separate turn snib from inside such as 5203-SC or PL.
- Bolt held in the withdrawn position by use of optional snib in the forend, (not 23322).
- Cylinder options - single cylinder, key and key.
- Various Cylinder lengths available (A supplied as standard).

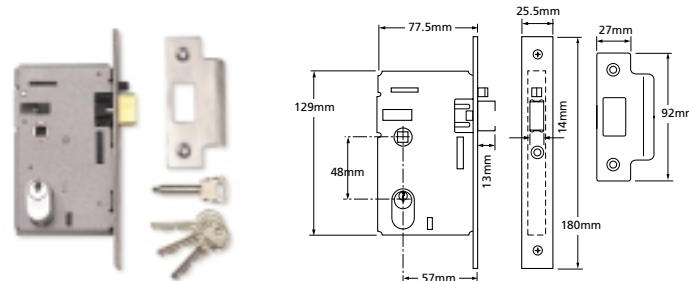


## Oval Profile Cylinder Locks

### UNION L2341 • 2341 Mortice Nightlatch

- L2341 Lock Case and Striking Plate only**
- 2341 Lock Case with 2X8-A length Single Cylinder**

- 77.5mm (3") case size.
- Latchbolt withdrawn by cylinder from outside and by sprung lever handle or separate turn snib from inside. Bolt easily reversible.
- Anti-thrust slide protects bolt against end pressure effective at door gaps up to 6mm
- Bolt held in the withdrawn position by use of special key supplied
- Cylinder options - single cylinder, key and key.
- Various Cylinder lengths available (A supplied as standard).



	L2332 2332	L2341 2341	
<b>Security Features</b>			
Protected Section	O	O	
Drill Resistant			
Saw Resistant			
Force Resistant			
Pick Resistant			
Escape			
Key Control	A,B,C	A,B,C	
Guarantee	10	10	
<b>Security Features</b>			
Locking Mechanism	L	L	
Bolt Through Fixings			
Locking Internal	Key	Key	
Locking External	Key	Key	
Springing			
<b>Door Specification</b>			
Case Size (mm)	65/77.5	77.5	
Backset (mm)	47.5/60	57	
Centres (mm)	34	48	
<b>Case Finishes</b>			
Brass	•	•	
Satin	•	•	
Other			

# Oval Profile Mortise Range

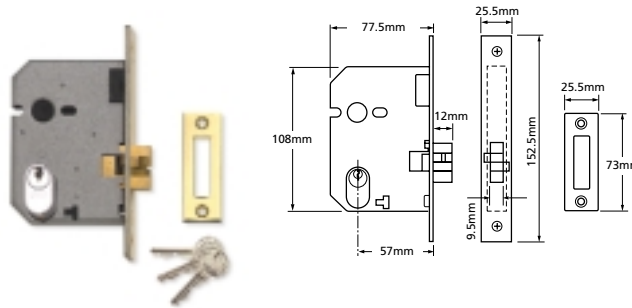


## Oval Profile Cylinder Locks

### UNION L2441 • 2441 Mortise Sliding Door Lock

**L2441 Lock Case and Striking Plate only**  
**2441 Lock Case with 2X13-A length Single Cylinder**

- Expanding clawbolt.
- 77.5mm (3") case size available.
- Suitable for sliding doors, sliding from left or right.
- Deadbolt locked or unlocked by cylinder key from outside.
- Deadbolt locked or unlocked by cylinder turn or key from inside.
- Cylinder options - single cylinder, key and key when lock case and 2X6 cylinder specified.
- Various Cylinder lengths available (A supplied as standard).

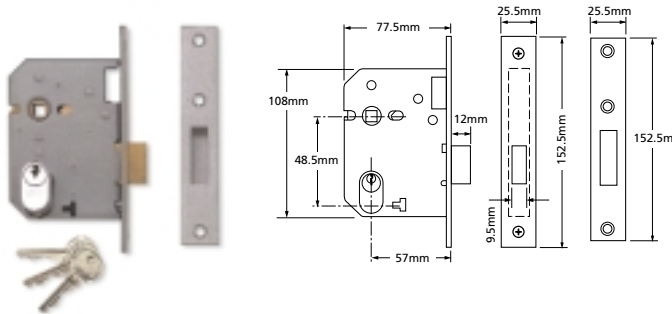


## Oval Profile Cylinder Locks

### UNION L21412 • 21412 Escape Mortise Deadlock

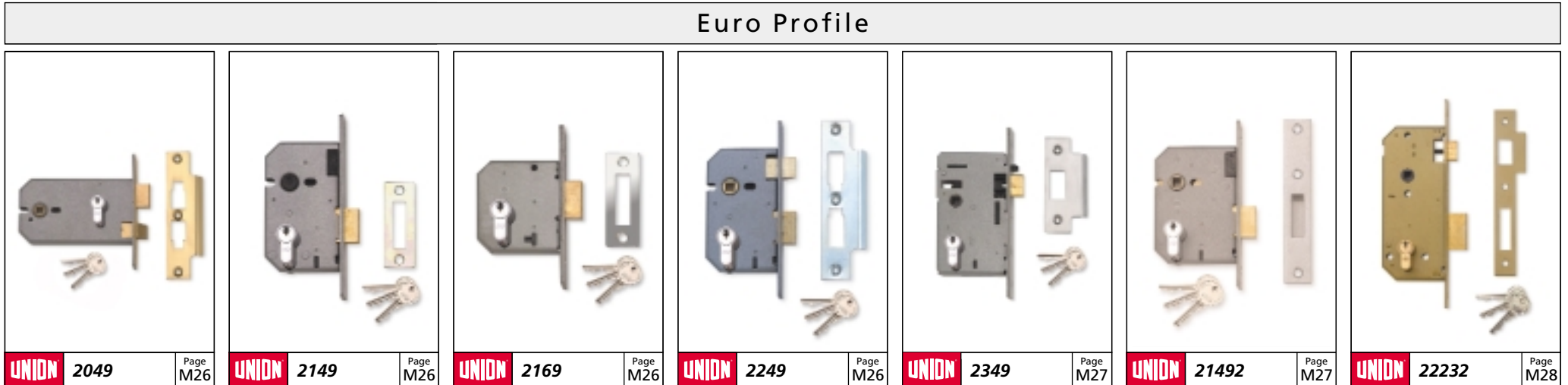
**L21412 Lock Case and Striking Plate**  
**21412 Lock Case with 2X8-A Single Cylinder**

- 77.5mm (3") case size available
- Deadbolt locked or unlocked by cylinder key from outside
- Deadbolt locked or unlocked from inside by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles - company advice on suitable handles to sought.
- Cylinder options - single cylinder, key and key when lock case and 2X6 cylinder specified.
- Various Cylinder lengths available (A supplied as standard).



	L2441 2441	L21412 21412	
<b>Security Features</b>			
Protected Section	O	O	
Drill Resistant			
Saw Resistant		•	
Force Resistant			
Pick Resistant			
Escape		•	
Key Control	A,B,C	A,B,C	
Guarantee	10	10	
<b>Security Features</b>			
Locking Mechanism	CB	DB	
<b>Bolt Through Fixings</b>			
Locking Internal	Key/Turn	Key/Turn	
Locking External	Key	Key	
Springing		1	
<b>Door Specification</b>			
Case Size (mm)	77.5	77.5	
Backset (mm)	57	57	
Centres (mm)		48.5	
<b>Case Finishes</b>			
Brass	•	•	
Satin	•	•	
Other			

# Euro Profile Mortice Range



## Euro Profile Mortice



### UNION Euro Profile

UNION Euro Profile	Security Features							Door Specification			Case Finishes								
	Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Escape	Key Control	Guarantee	Locking Mechanism	Bolt Through Fixings	Locking Internal	Locking External	Springing	Case Size	Back Set	Centres	Brass	Satin	Other
L2049 Horizontal Case	O	●					A,B,C	10	L/DB	●	Key/Turn	Key	2	149mm	127mm		●	●	
2049 Horizontal Lock		●						10	L/DB	●	Turn	Key	2	149mm	127mm		●	●	
L2149 Deadlock Case	O	●					A,B,C	10	DB		Key/Turn	Key		65/77.5mm	44.5/57mm		●	●	
2149 Deadlock		●						10	DB		Turn	Key		65/77.5mm	44.5/57mm		●	●	
L2169 Small Deadlock Case	O	●					A,B,C	10	DB		Key/Turn	Key		65/77.5mm	44.5/57mm		●	●	
2169 Small Deadlock		●						10	DB		Turn	Key		65/77.5mm	44.5/57mm		●	●	
L2249 Sashlock Case	O	●					A,B,C	10	L/DB	●	Key/Turn	Key	3	65/77.5mm	44.5/57mm	47.5mm	●	●	
2249 Sashlock		●						10	L/DB	●	Turn	Key	3	65/77.5mm	44.5/57mm	47.5mm	●	●	
L2349 Nightlatch Case	O						A,B,C	10	L		SepTurn	Key	3	77.5mm	57mm		●	●	
2349 Nightlatch								10	L		SepTurn	Key	3	77.5mm	57mm		●	●	
L21492 Escape Deadlock Case	O				●		A,B,C	10	DB		SepTurn	Key		77.5mm	57mm		●	●	
21492 Escape Deadlock					●			10	DB		SepTurn	Key		77.5mm	57mm	47.5mm	●	●	
L2232	O						A,B,C	10	L/DB		Key/Turn	Key	3	74mm	45mm	85mm	●	●	
22232 85mm Centre Sashlock								10	L/DB		Key	Turn	3	74mm	45mm	85mm	●	●	YE

Key: O = Optional Locking Mechanism Locking Mechanism - DB = Deadbolt, L = Latch

Bolt Through Fixings - ● = Handles

KA = Keyed Alike Only

A,B,C = Masterkey Grouping

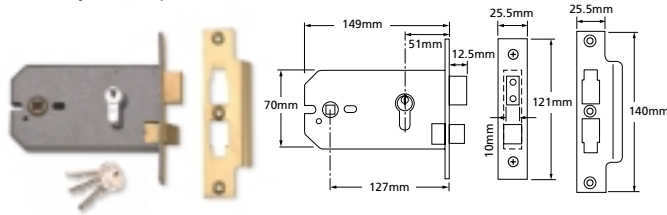
## Euro Profile Cylinder Locks

**UNION L2049 • 2049 Horizontal Mortice Lock**      **UNION L2149 • 2149 Mortice Deadlock**

**L2049 Lock Case and Striking Plate.**

**2049 Lock Case with 2X19-AA length Key and Turn Cylinder.**

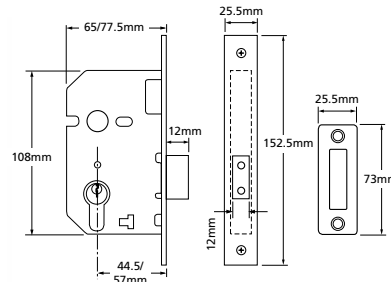
- Two way action suitable for knobs or sprung lever handles.
- 149mm (6") case size. Pierced to accept bolt through furniture.
- Deadbolt locked or unlocked by cylinder, key or cylinder turn.
- Latchbolt withdrawn by knob furniture or sprung lever handle.
- Various Cylinder lengths available (AA supplied as standard).
- Cylinder options - single, key and key when lock case and 2X18 cylinder specified.



**L2149 Lock Case and Striking Plate**

**2149 Lock Case with 2X19-AA length Key and Turn Cylinder**

- 65 (2 1/2") or 77.5mm (3") case sizes available
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Cylinder options - single, key and key when lock case and 2X18 cylinder specified
- Various Cylinder lengths available (AA supplied as standard)



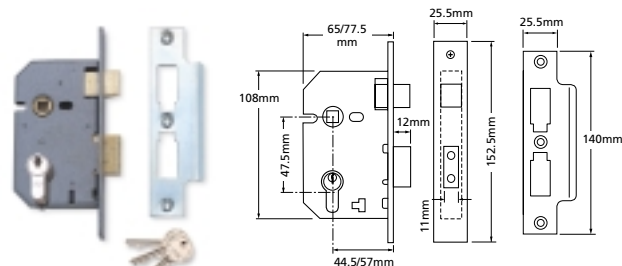
## Euro Profile Cylinder Locks

**UNION L2249 & 2249 Mortice Sashlock**      **UNION L2169 • 2169 Small Case Deadlock**

**L2249 Sashlock Case and Striking Plate**

**2249 Sashlock Case with 2X19-AA Key and Turn Cylinder**

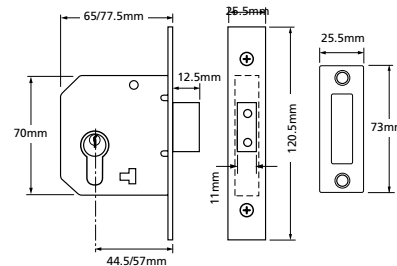
- 65 or 77.5mm case size. Pierced to accept bolt through furniture
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Latchbolt withdrawn by lever handle
- Various Cylinder lengths available (AA supplied as standard)
- Cylinder options - single, key/key when lock case and 2X18 specified



**L2169 Deadlock Case and Striking Plate**

**2169 Small Deadlock Case with 2X19-AA Key and Turn Cylinder**

- 65 (2 1/2") or 77.5mm (3") case sizes available
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Cylinder options - single, key and key when lock case and 2X18 cylinder specified
- Various Cylinder lengths available (AA supplied as standard)



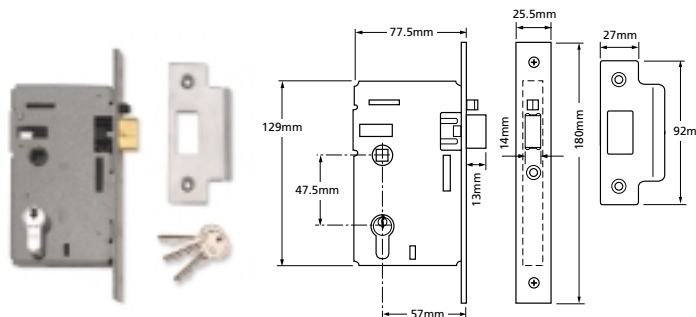
	L2049 2049	L2149 2149	L2249 2249	L2169 2169
<b>Security Features</b>				
Protected Section	O	O	O	O
Drill Resistant				
Saw Resistant	●	●	●	●
Force Resistant				
Pick Resistant				
Escape				
Key Control	A,B,C	A,B,C	A,B,C	A,B,C
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	L/DB	DB	L/DB	DB
Bolt Through Fixings	●		●	
Locking Internal	Key/Turn	Key/Turn	Key/Turn	Key/Turn
Locking External	Key	Key	Key	Key
Springing	2		3	
<b>Door Specification</b>				
Case Size (mm)	149	65/77.5	65/77.5	65/77.5
Backset (mm)	127	44.5/57	44.5/57	44.5/57
Centres (mm)	n/a	n/a	47.5	n/a
<b>Case Finishes</b>				
Brass	●	●	●	●
Satin	●	●	●	●
Other				

## Euro Profile Cylinder Locks

### UNION L2349 • 2349 Mortise Nightlatch

**L2349 Lock Case and Striking Plate**  
**2349 Lock Case with 2X20-A Single Cylinder**

- 77.5mm (3") case size available.
- Latchbolt withdrawn by cylinder from outside and by sprung lever handle or separate turn snib from inside. Bolt easily reversible.
- Anti-thrust slide protects bolt against end pressure effective at door gaps up to 6mm.
- Bolt held in the withdrawn position by use of special key supplied.
- Cylinder options - single cylinder, key and key .
- Various cylinder lengths available (A supplied as standard).



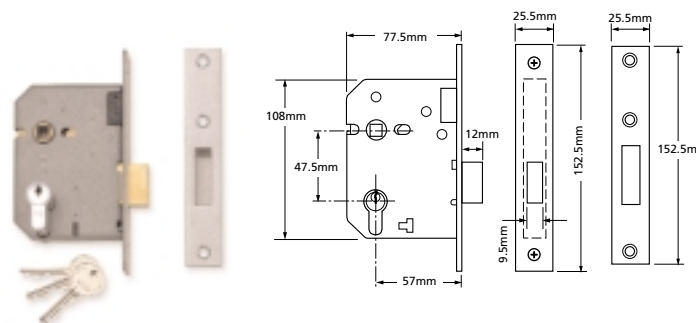
	L2349 2349	L21492 21492	
<b>Security Features</b>			
Protected Section	O	O	
Drill Resistant			
Saw Resistant		●	
Force Resistant			
Pick Resistant			
Escape		●	
Key Control	A,B,C	A,B,C	
Guarantee	10	10	

## Euro Profile Cylinder Locks

### UNION L21492 • 21492 Escape Mortise Deadlocks

**L21492 Lock Case and Striking Plate**  
**21492 Lock Case with 2X20-A Length Euro-Profile Single Cylinder**

- 77.5mm (3") case size available.
- Deadbolt locked or unlocked by cylinder key from outside..
- Deadbolt locked or unlocked by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles - company advice on suitable handles to be sought.
- Cylinder options - single. Must not be used with key and turn cylinders.
- Various cylinder lengths available (A supplied as standard).



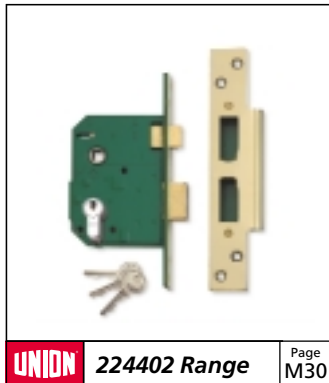
	L2349 2349	L21492 21492	
<b>Security Features</b>			
Locking Mechanism	L	DB	
<b>Bolt Through Fixings</b>			
Locking Internal	Key/Turn	Key/Turn	
Locking External	Key	Key	
Springing	3		
<b>Door Specification</b>			
Case Size (mm)	77.5	77.5	
Backset (mm)	57	57	
Centres (mm)		47.5	
<b>Case Finishes</b>			
Brass	●	●	
Satin	●	●	
Other			



# Escape Mortice Locks



## Escape Mortice Locks



### Escape Mortice Locks



#### UNION Escape Mortice Locks

UNION	Escape Mortice Locks	Security Features								Door Specification			Case Finishes						
		Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Escape	Key Control	Guarantee	Locking Mechanism	Bolt Through Fixings	Locking Internal	Locking External	Springing	Case Size	Back Set	Centres	Brass	Satin
L224402	Escape Nightlatch Case	O	●	●	●	●	●	A,B,C	10	L/DB	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
224402	Escape Nightlatch		●	●	●	●	●		10	L/DB	Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
224402	Escape Lock		●	●	●	●	●		10	L/DB	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L224403	Escape Lock Case	O	●	●	●	●	●	A,B,C	10	L/DB	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
224403	Escape Lock		●	●	●	●	●		10	L/DB	Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
2224403	Escape Lock		●	●	●	●	●		10	L/DB	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L224404	Escape Lock Case	O	●	●	●	●	●	A,B,C	10	L/DB	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
224404	Escape Lock		●	●	●	●	●		10	L/DB	Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
2224404	Escape Lock		●	●	●	●	●		10	L/DB	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L224405	Escape Lock Case	O	●	●	●	●	●	A,B,C	10	L/DB	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
224405	Escape Lock		●	●	●	●	●		10	L/DB	Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
2224405	Escape Lock		●	●	●	●	●		10	L/DB	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L224406	Escape Lock Case	O	●	●	●	●	●	A,B,C	10	L/DB	Key/Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
224406	Escape Lock		●	●	●	●	●		10	L/DB	Turn	Key	3	80mm	57.5mm	47.5mm	●	●	
2224406	Escape Lock		●	●	●	●	●		10	L/DB	Key	Key	3	80mm	57.5mm	47.5mm	●	●	
L21412	Escape Lock Case	O						A,B,C	10	DB	SepTurn	Key		77.5mm	57mm	47.5mm			
21412	Escape Lock								10	DB	SepTurn	Key		77.5mm	57mm	47.5mm			
L21492	Escape Deadlock Case	O						A,B,C	10	DB	SepTurn	Key		77.5mm	57mm	47.5mm	●	●	
21492	Escape Deadlock								10	DB	SepTurn	Key		77.5mm	57mm	47.5mm	●	●	
4K	Fort Escape Deadlock								10	DB	SepTurn	Key		78mm	57.5mm				ALUM

Key: O = Optional

Locking Mechanism - DB = Deadbolt, L = Latch

Bolt Through Fixings - ● = Handles

KA = Keyed Alike Only

A,B,C = Masterkey Grouping

# Escape Mortice Locks

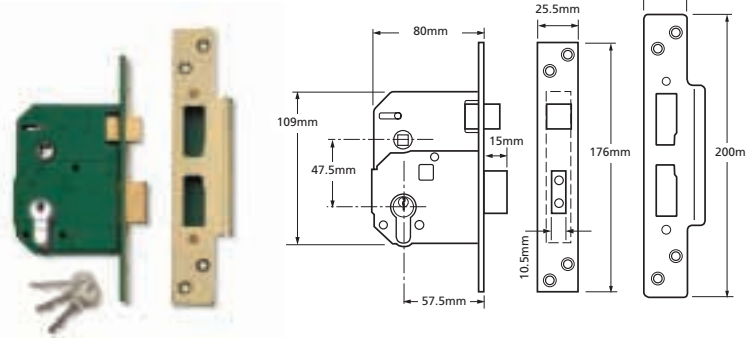


## Escape Mortice Locks

**UNION** L224402 • 224402 • 2224402

**L224402 Escape Nightlatch Case.**  
**224402 Escape Nightlatch with Key and Turn cylinder.**  
**2224402 Escape Lock with Double Cylinder.**

- 80mm (3") case size.
- Deadbolt locked or unlocked by cylinder key from outside.
- Latchbolt withdrawn by cylinder key from outside.
- Latchbolt automatically locked when door closed.
- Deadbolt can be locked for additional security.
- Deadbolt locked by cyl turn (or key 2224402 variant) from inside.
- Dead and latchbolt withdrawn simultaneously by inside handle.
- Latchbolt withdrawn by lever handle from inside.
- Hand required, see handing details.
- Recommended for use with 630-16-3 furniture.



L224402  
224402

L224403/  
4/5/6

Security Features		L224402 224402	L224403/ 4/5/6
<b>Protected Section</b>		O	O
<b>Drill Resistant</b>		•	•
<b>Saw Resistant</b>		•	•
<b>Force Resistant</b>		•	•
<b>Pick Resistant</b>			
<b>Escape</b>		•	•
<b>Key Control</b>		A,B,C	A,B,C
<b>Guarantee</b>		10	10

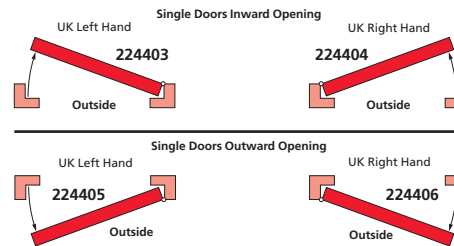
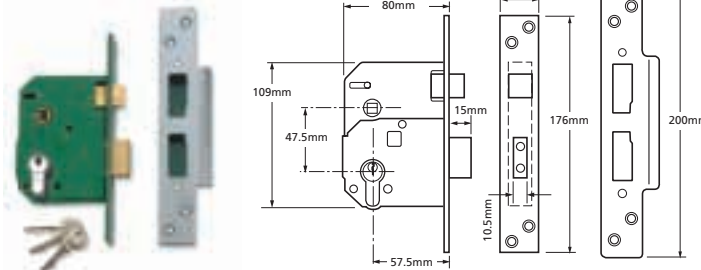
## Escape Mortice Locks

**UNION** L224403 • 224403 • 2224403 • L224404 • 224404 • 2224404 • L224405 • 224405 • 2224405 • L224406 • 224406 • 2224406

**L224403 Escape Lock Case.**  
**224403 Escape Lock.**  
**2224403 Escape Lock with Double Cyl.**  
**L224404 Escape Lock Case.**  
**224404 Escape Lock.**  
**2224404 Escape Lock with Double Cyl.**

**L224405 Escape Lock Case.**  
**224405 Escape Lock.**  
**2224405 Escape Lock with Double Cyl.**  
**L224406 Escape Lock Case.**  
**224406 Escape Lock.**  
**2224406 Escape Lock with Double Cyl.**

- 80mm (3") case size available.
- Deadbolt can be locked for additional security.
- Deadbolt locked or unlocked by cylinder key from outside.
- Deadbolt locked by turn (or key 2224403/4/5/6 variants) from inside.
- Latchbolt withdrawn by lever handle outside.
- Dead and latchbolt withdrawn simultaneously by inside lever handle.
- Latchbolt withdrawn by lever handle from inside.
- Non-reversible, last digit of number denotes hand 3/4/5/6.
- Split follower lock requires special furniture e.g. 630-15-3.



Security Features		L224402 224402	L224403/ 4/5/6
Locking Mechanism		L/DB	L/DB
Bolt Through Fixings			
Locking Internal		Key/Turn	Key/Turn
Locking External		Key	Key
Springing		3	3
Door Specification		L224402 224402	L224403/ 4/5/6
Case Size (mm)		80	80
Backset (mm)		57.5	57.5
Centres (mm)		47.5	47.5
Case Finishes		L224402 224402	L224403/ 4/5/6
<b>Brass</b>		•	•
<b>Satin</b>		•	•
<b>Other</b>			

# Escape Mortice Locks

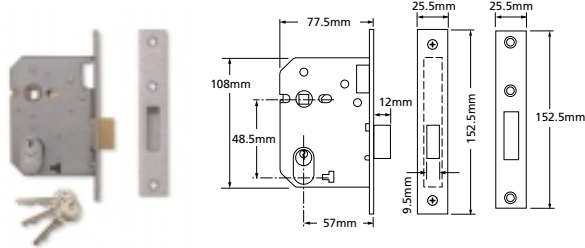


## Escape Mortice Locks

### UNION L21412 • 21412 Escape Mortice Deadlock

#### L21412 Lock Case and Striking Plate 21412 Lock Case with 2X8-A Length Oval Single Cylinder

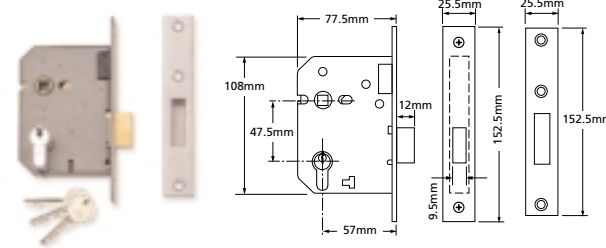
- 77.5mm (3") case size available
- Deadbolt locked or unlocked by cylinder key from outside, from inside, by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles.
- Various cylinder options - single, key and key. Must not be used with key and turn cylinders. (A supplied as standard).



### UNION L21492 • 21492 Escape Mortice Deadlock

#### L21492 Lock Case and Striking Plate 21492 Lock Case with 2X20-A Length Euro-Profile Single Cylinder

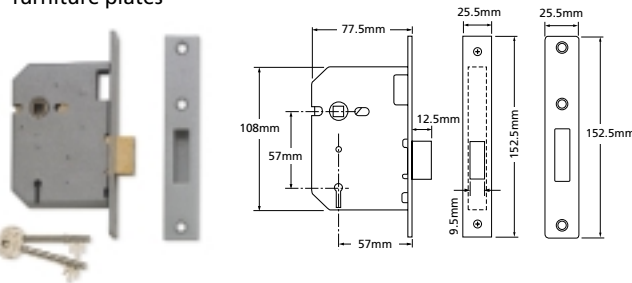
- 77.5mm (3") case size available
- Deadbolt locked or unlocked, by cylinder key from outside. From inside, by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles.
- Various cylinder options - single, key and key. Must not be used with key and turn cylinders. (A supplied as standard).



## Escape Mortice Locks

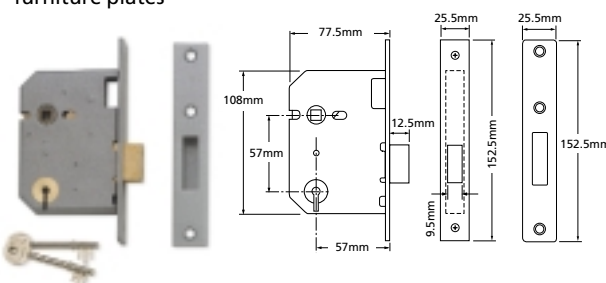
### UNION 21572 Masterkeyable Escape Mortice Lock

- 77.5mm (3") case size available
- Deadbolt locked or unlocked by key from outside
- Deadbolt locked or unlocked from inside by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles - company advice on suitable handles to be sought
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates



### UNION 21672 Masterkeyable Escape Mortice Lock

- 77.5mm (3") case size available.
- Deadbolt locked or unlocked by cylinder key from outside.
- Deadbolt locked or unlocked from inside by separate turn snib, short handle or 8070 emergency exit covered turn from inside.
- Must not be used with full length lever handles - company advice on suitable handles to be sought.
- Keys suitable for doors up to 58mm thick when using 8mm thick furniture plates



	L21412 21412	L21492 21492	21572	21672
<b>Security Features</b>				
Protected Section	O	O		
Drill Resistant				
Saw Resistant				
Force Resistant				
Pick Resistant				
Escape	•	•	•	•
Key Control	A,B,C	A,B,C		D
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	DB	DB	DB	DB
<b>Bolt Through Fixings</b>				
Locking Internal	Key/Turn	Key/Turn	Turn	Turn
Locking External	Key	Key	Key	Key
<b>Springing</b>				
<b>Door Specification</b>				
Case Size (mm)	77.5	77.5	77.5	77.5
Backset (mm)	57	57	57	57
Centres (mm)	47.5	47.5	n/a	n/a
<b>Case Finishes</b>				
Brass	•	•	•	•
Satin	•	•	•	•
Other				



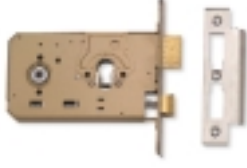
# Heavy Duty Architectural



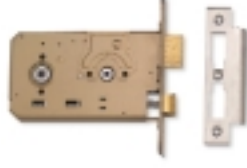
## Heavy Duty Architectural



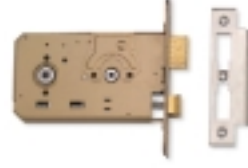
**UNION** L2070 Page M34



**UNION** L2072 Page M34




**UNION** 2074 Page M34




**UNION** 2076 Page M34



**UNION** L2170 Page M35



**UNION** L2183 Page M35




**UNION** L2264 Page M35


## Heavy Duty Architectural




**UNION** L2270 Page M35



**UNION** 2274 Page M36



**UNION** L2282 Page M36




**UNION** L2370 Page M36



**UNION** 23702 Page M36



**UNION** 2670 Page M37



**UNION** 2672 Page M37



# Heavy Duty Architectural

**Security Features**

Protected Section	Drill Resistant	Saw Resistant	Force Resistant	PICK Resistant	Escape	Key Control	Guarantee

**UNION** Heavy Duty

Product Name	Security Features								Door Specification			Case Finishes							
	Protected Section	Drill Resistant	Saw Resistant	Force Resistant	PICK Resistant	Escape	Key Control	Guarantee	Locking Mechanism	Bolt Through Fixings	Locking Internal	Locking External	Springing	Case Size	Back Set	Centres	Brass	Satin	Other
L2070 Horizontal Lock Case	O	●							L/DB	●▲	Key/Turn	Key	4	165mm	60mm		●	●	
L2072 Horizontal Lock Case	O	●							L/DB	●▲	Key/Turn	Key	2	165mm	60mm		●	●	
2074 Horizontal Bathroom		●							L/DB	●▲	Turn	Emerg.Rel	4	165mm	60mm		●	●	
2076 Horizontal Bathroom		●							L/DB	●▲	Turn	Emerg.Rel	2	165mm	60mm		●	●	
L2170 Deadlock Case	O	●							DB	●	Key/Turn	Key		94.5/114.5mm	60/80mm		●	●	
L2183 Horizontal Deadlock Case	O	●							DB	●	Key/Turn	Key		165mm	60mm		●	●	
L2264 Sashlock Case	O	●							L/DB	●▲	Key/Turn	Key	4	94.5/114.5mm	60/80mm	72mm	●	●	
L2270 Sashlock Case	O	●							L/DB	●▲	Key/Turn	Key	4	94.5/114.5mm	60/80mm	72mm	●	●	
L2282 Sashlock Case	O	●							L/DB	●▲	Key/Turn	Key	2	114.5mm	80mm	72mm	●	●	
2274 Bathroom		●							L/DB	●▲	Turn	Emerg.Rel	4	94.5/114.5mm	60/80mm	72mm	●	●	
L2370 Mortice Nightlatch Case	O								L	●▲	Auto/Turn	Key	4	94.5/114.5mm	60/80mm	72mm	●	●	
23702 Hotel Lock									L	●▲	Auto/Turn	Key	4	94.5mm	60mm	72mm	●	●	
2670 Horizontal Latch									L	●▲	N/A	N/A	4	94.5mm	60mm		●	●	
2672 Horizontal Latch									L	●▲	N/A	N/A	4	165mm	130mm		●	●	
2674 Horizontal Latch									L	●▲	N/A	N/A	2	165mm	130mm		●	●	
2682 Upright Latch									L	●▲	N/A	N/A	2	114.5mm	80mm		●	●	

Key: O = Optional

Locking Mechanism - DB = Deadbolt, L = Latch

Bolt Through Fixings - ● = Handles, ▲ = Security Roses

KA = Keyed Alike Only

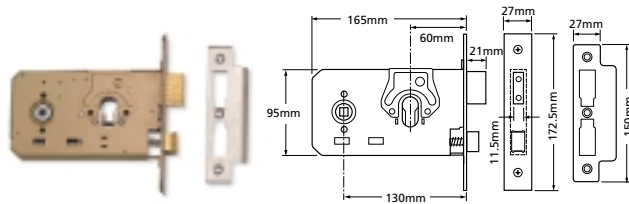
A,B,C = Masterkey Grouping

ER = Emergency Release

## Heavy Duty Architectural

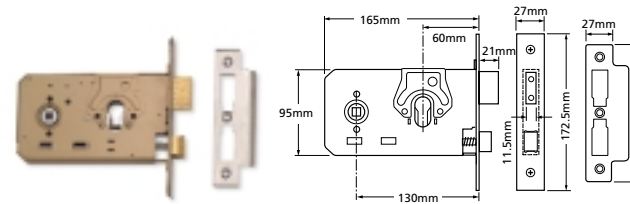
### UNION L2070 Horizontal Lock Case

- One way action for lever handles.
- Deadbolt locked or unlocked by cylinder, key or cylinder turn.
- Latchbolt withdrawn by sprung or unsprung lever handles from either side.
- Various cylinder lengths available.
- Pierced to accept bolt through furniture.
- Separate cylinder options - oval or euro-profile key and turn or key and key.
- Easily reversible springbolt.



### UNION L2072 Horizontal Lock Case

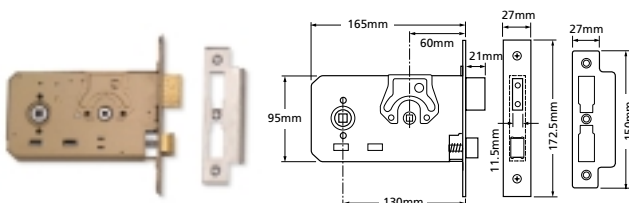
- Two way action for knob furniture.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by knob from either side.
- Various cylinder lengths available.
- Pierced to accept bolt through furniture.
- Separate cylinder options - oval or euro-profile key and turn or key and key.
- Easily reversible springbolt.



## Heavy Duty Architectural

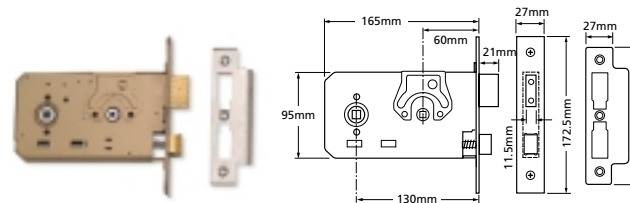
### UNION L2074 Horizontal Bathroom Lock

- One way action for lever handles.
- Deadbolt locked or unlocked by separate turn from inside.
- Deadbolt unlocked by separate emergency release from outside.
- Latchbolt withdrawn by sprung or unsprung lever handles from either side.
- Pierced to accept bolt through furniture.
- Easily reversible springbolt.



### UNION L2076 Horizontal Bathroom Lock

- Two way action for knob furniture.
- Deadbolt locked or unlocked by separate turn from inside.
- Deadbolt unlocked by separate emergency release from outside.
- Latchbolt withdrawn by knob from either side.
- Pierced to accept bolt through furniture.
- Easily reversible springbolt.

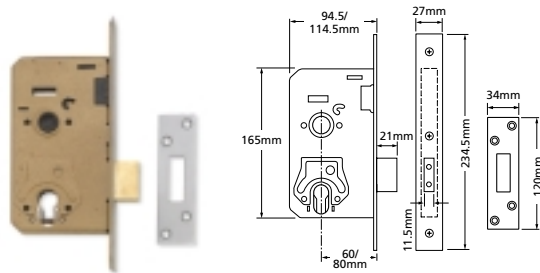


	L2070	L2072	L2074	L2076
<b>Security Features</b>				
Protected Section	O	O		
Drill Resistant				
Saw Resistant	●	●	●	●
Force Resistant				
Pick Resistant				
Escape				
Key Control	A,B,C	A,B,C		
Guarantee	15	15	15	15
<b>Security Features</b>				
Locking Mechanism	L/DB	L/DB	L/DB	L/DB
Bolt Through Fixings	●	●	●	●
Locking Internal	Key/Turn	Key/Turn	Key/Turn	Key/Turn
Locking External	Key	Key	Emerg. Rel	Emerg. Rel
Springing	4	2	4	2
<b>Door Specification</b>				
Case Size (mm)	165	165	165	165
Backset (mm)	60	60	60	60
Centres (mm)				
<b>Case Finishes</b>				
Brass	●	●	●	●
Satin	●	●	●	●
Other				

## Heavy Duty Architectural

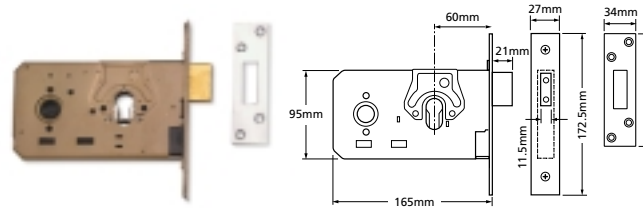
### UNION L2170 Mortice Deadlock Case

- 60 or 80mm backset sizes available
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Separate cylinder options - oval or euro-profile key and turn, key and key or single.
- Pierced to accept bolt through security roses.



### UNION L2183 Horizontal Mortice Deadlock Case

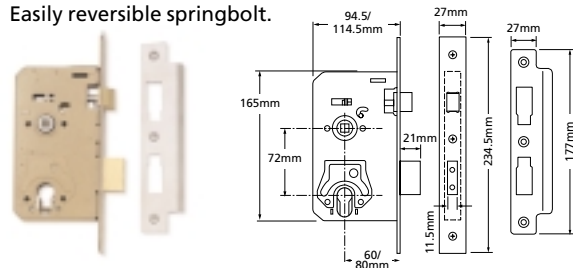
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Separate cylinder options - oval or euro-profile key and turn or key and key.
- Pierced to accept bolt through security roses.



## Heavy Duty Architectural

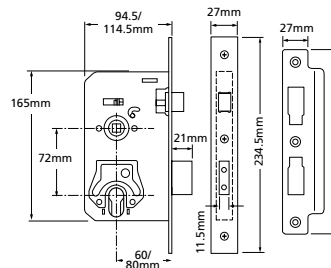
### UNION L2264 Mortice Lock Case

- 60 or 80mm backset sizes available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by sprung or unsprung lever handles from either side.
- Latchbolt additionally withdrawn by key.
- Separate cylinder options - oval or euro-profile key and turn or key and key.
- Pierced to accept bolt through furniture.
- Easily reversible springbolt.



### UNION L2270 Mortice Lock Case

- 60 or 80mm backset sizes available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by sprung or unsprung lever handles from either side.
- Cylinder options - oval or euro-profile key and turn or key and key.
- Pierced to accept bolt through furniture.
- Easily reversible springbolt.

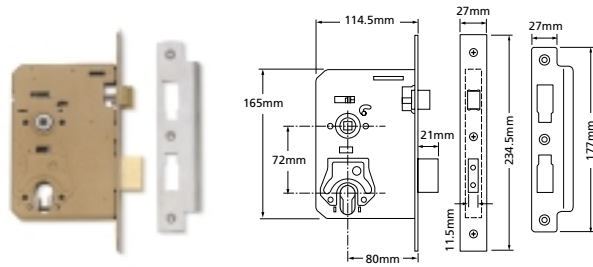


	L2170	L2183	L2264	L2270
<b>Security Features</b>				
Protected Section	O	O	O	O
Drill Resistant				
Saw Resistant	•	•	•	•
Force Resistant				
Pick Resistant				
Escape				
Key Control	A,B,C	A,B,C	A,B,C	A,B,C
Guarantee	15	15	15	15
<b>Security Features</b>				
Locking Mechanism	DB	DB	L/DB	L/DB
Bolt Through Fixings			•	•
Locking Internal	Key/Turn	Key/Turn	Key/Turn	Key/Turn
Locking External	Key	Key	Key	Key
Springing			4	4
<b>Door Specification</b>				
Case Size (mm)	94.5/114.5	165	94.5/114.5	94.5/114.5
Backset (mm)	60/80	60	60/80	60/80
Centres (mm)	n/a	n/a	72	72
<b>Case Finishes</b>				
Brass	•	•	•	•
Satin	•	•	•	•
Other				

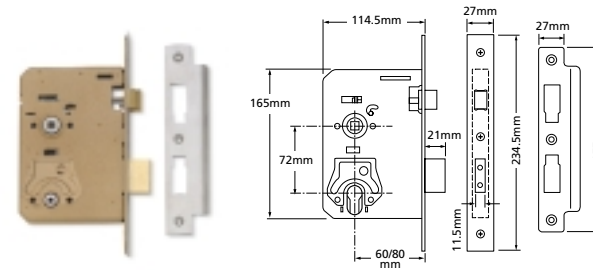
## Heavy Duty Architectural

### UNION L2282 Mortice Lock Case      UNION L2274 Mortice Bathroom Lock Case

- Two way action for knob furniture.
- 80mm backset size only.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by knob furniture from either side.
- Separate cylinder options - oval or euro-profile key and/or turn.
- Pierced to accept bolt through furniture.
- Easily reversible springbolt.



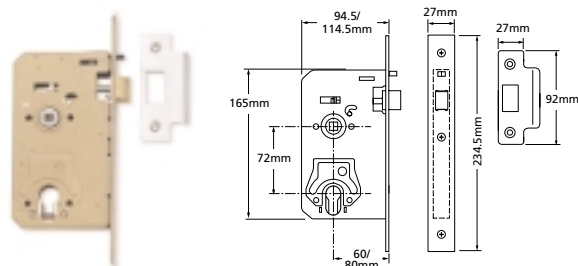
- One way action for lever handles.
- 60 or 80mm backset sizes available.
- Deadbolt locked or unlocked by separate turn from inside.
- Deadbolt unlocked by separate emergency release from outside.
- Latchbolt withdrawn by sprung lever handles from either side.
- Pierced to accept bolt through furniture.
- Easily reversible springbolt.



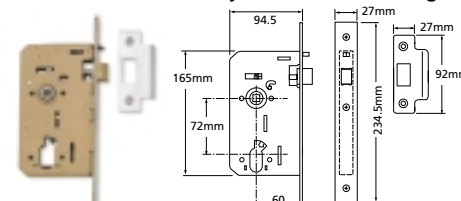
## Heavy Duty Architectural

### UNION L2370 Mortice Nightlatch Case      UNION L23702 Hotel Mortice Lock Case

- 60 or 80mm backset size only.
- Latchbolt locked or unlocked by cylinder key.
- Latchbolt withdrawn by separate sprung or unsprung lever handle from inside. Easily reversible latchbolt.
- Anti-thrust slide protects bolt against end pressure effective at door gaps up to 6mm
- Separate cylinder options - oval or euro-profile key and/or turn.
- Pierced to accept bolt through furniture.



- Suitable for Hotel bedroom doors. One way action for lever handles.
- 60mm backset size only. Easily reversible latchbolt.
- Latchbolt withdrawn by key from outside, lever handle from inside.
- Privacy function engaged by turning cylinder knob from inside, this restricts entry from outside by all keys other than emergency key.
- Door unlocked by single operation of inside lever handle which overrides privacy feature.
- Anti-thrust slide protects bolt against end pressure effective at door gaps up to 6mm
- 2 x 51 cylinder to be specified with this lock case, no other cylinders can be used. 2 x 51 only available in AA length (65mm).

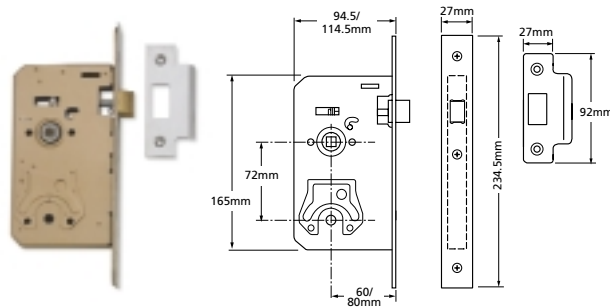


	L2282	L2274	L2370	L23702
<b>Security Features</b>				
Protected Section	O	O		
Drill Resistant				
Saw Resistant	●	●		
Force Resistant				
Pick Resistant				
Escape				
Key Control	A,B,C		A,B,C	C
Guarantee	15	15	15	15
<b>Security Features</b>				
Locking Mechanism	L/DB	L/DB	L	L
Bolt Through Fixings	●	●	●	●
Locking Internal	Key/Turn	Turn	Auto/Turn	Auto/Turn
Locking External	Key	ER	Key	Key
Springing	2	4	4	4
<b>Door Specification</b>				
Case Size (mm)	114.5	94.5/114.5	94.5/114.5	94.5
Backset (mm)	80	60/80	60/80	60
Centres (mm)	72	72	72	72
<b>Case Finishes</b>				
Brass	●	●	●	●
Satin	●	●	●	●
Other				

## Heavy Duty Architectural

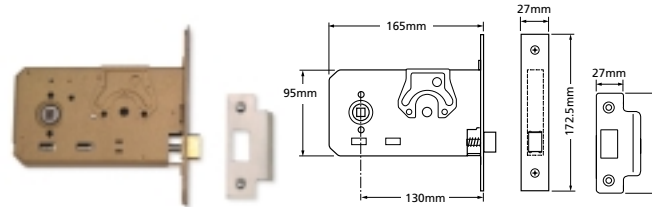
### UNION 2670 Mortice Latch

- One way action for lever handles.
- 60 or 80mm backset sizes available.
- Latchbolt withdrawn by sprung or unsprung lever handles.



### UNION 2672 Horizontal Mortice Latch

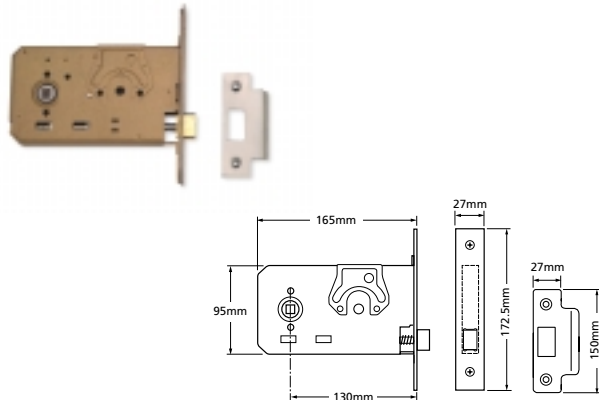
- One way action for lever handles.
- Latchbolt withdrawn by sprung or unsprung lever handles from either side.



## Heavy Duty Architectural

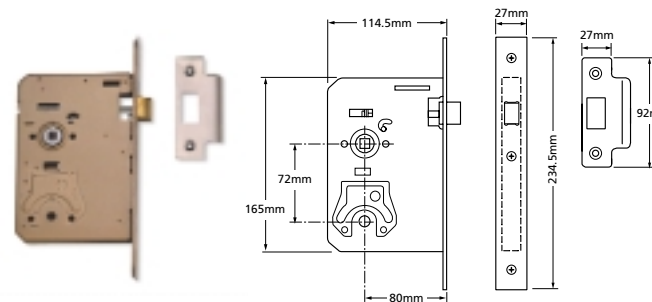
### UNION 2674 Horizontal Mortice Latch

- Two way action for knob furniture.
- Latchbolt withdrawn by knob from either side.



### UNION 2682 Mortice Latch

- 80mm backset size available.
- Two way action for knob furniture.
- Latchbolt withdrawn by knob from either side.

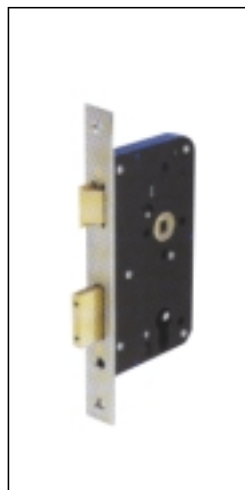


	2670	2672	2674	2682
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant				
Force Resistant				
Pick Resistant				
Escape				
Key Control				
Guarantee	15	15	15	15
<b>Security Features</b>				
Locking Mechanism	L	L	L	L
Bolt Through Fixings	●	●	●	●
Locking Internal	n/a	n/a	n/a	n/a
Locking External	n/a	n/a	n/a	n/a
Springing	4	4	2	2
<b>Door Specification</b>				
Case Size (mm)	94.5/114.5	165	165	114.5
Backset (mm)	60/80	130	130	80
Centres (mm)				
<b>Case Finishes</b>				
Brass	●	●	●	●
Satin	●	●	●	●
Other				

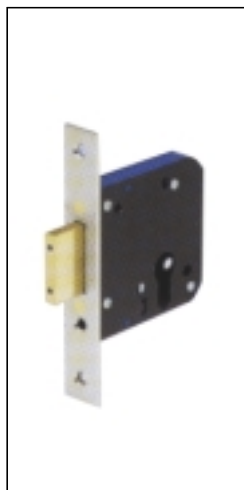
# Architectural Cylinder Mortice Locks



## Architectural Case Only



**UNION** U2422 Page M39



**UNION** U2454 Page M39



**UNION** U2420 Page M39



**UNION** U2455 Page M39



**UNION** U2465 Page M40



**UNION** U2421 Page M40



**UNION** U2486 Page M40



**UNION** U2424 Page M40

## UNION Mortice Locks



### UNION Architectural Case

Model	Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Escape	Key Control	Guarantee
U2422 Sashlock	O	●	●				A,B,C	10
U2454 Deadlock	O	●	●				A,B,C	10
U2420 Sashlock	O						A,B,C	10
U2455 Deadlock	O						A,B,C	10
U2465 Latch	O						A,B,C	10
U2421 Deadlocking Latch	O						A,B,C	10
U2486 Bathroom Lock								10
U2424 Escape Lock	O		●		●		A,B,C	10

### Security Features

Locking Mechanism	Bolt Through Fixings	Locking Internal	Locking External
L, DB	●▲	Key/Turn	Key
DB	▲	Key/Turn	Key
L, DB	●▲	Key/Turn	Key
DB	▲	Key/Turn	Key
L	●		
DL/L	●▲	Auto	Auto
L, DB	●	Turn	
L, DB	●▲	Key/Turn	Key

### Door Specification

Case Size	Back Set	Centres
92mm	60mm	72mm
92mm	60mm	
92mm	60mm	72mm
92mm	60mm	
92mm	60mm	72mm
92mm	60mm	
92mm	60mm	72mm

### Case Finishes

Brass	Satin	Other
		St. Steel
		St. Steel
		St. Steel
		St. Steel
		St. Steel
		St. Steel
		St. Steel
		St. Steel

Key: Protected Section - O = Optional Locking Mechanism - L = Latchbolt, DL/L = Deadlocking Latch, DB = Deadbolt Bolt Through Fixings - ● = Handles, ▲ = Security Rose Finish - St. Steel = Stainless Steel

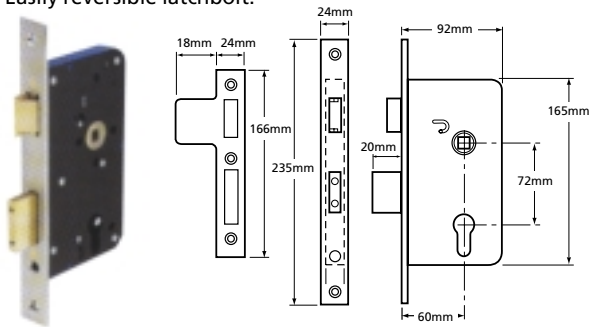
# Architectural Cylinder Mortise Locks



## Security Case Only

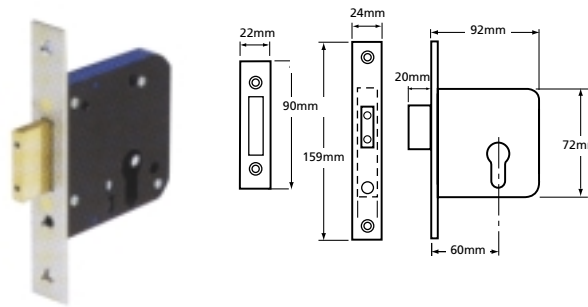
### UNION U2422 Sashlock **NEW**

- European size 72mm centres mortise lock case which accommodates most euro-profile cylinders.
- Key and handle operation from both sides of the door. Latchbolt operated by key.
- Extra long deadbolt with 20mm throw.
- Easily reversible latchbolt.



### UNION U2454 Deadlock **NEW**

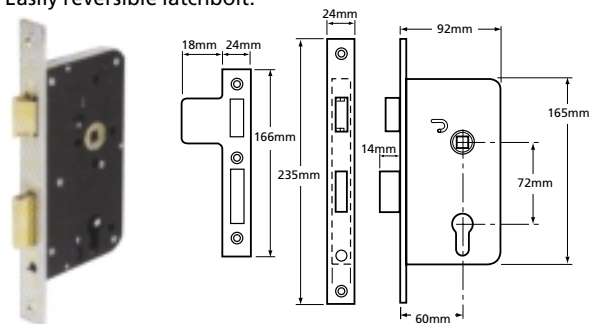
- European size mortise lock case which accommodates most europrofile cylinders.
- Key operation from both sides of the door.
- Extra long deadbolt with 20mm throw.



## Standard Case Only

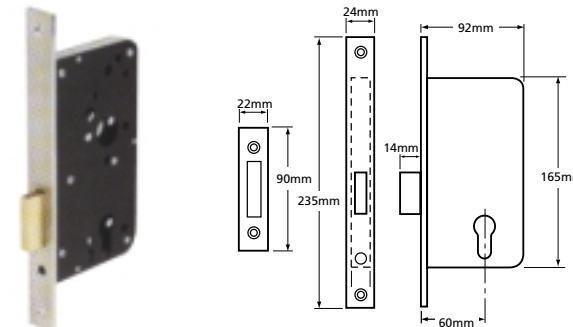
### UNION U2420 Sashlock **NEW**

- European size 72mm centres mortise lock case which accommodates most euro-profile cylinders.
- Key and handle operation from both sides of the door. Latchbolt operated by key.
- 14mm throw deadbolt.
- Easily reversible latchbolt.



### UNION U2455 Deadlock **NEW**

- European size mortise lock case which accommodates most europrofile cylinders.
- Key operation from both sides of the door.
- 14mm throw deadbolt



	U2422	U2454	U2420	U2455
<b>Security Features</b>				
Protected Section	○	○	○	○
Drill Resistant	●	●		
Saw Resistant	●	●		
Force Resistant				
Pick Resistant				
Escape				
Key Control	A,B,C	A,B,C	A,B,C	A,B,C
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	L, DB	DB	L, DB	DB
Bolt Through Fixings	●▲	▲	●▲	▲
Locking Internal	Key/Turn	Key/Turn	Key/Turn	Key/Turn
Locking External	Key	Key	Key	Key
Springing	n/a	n/a	n/a	n/a
<b>Door Specification</b>				
Case Size (mm)	92	92	92	92
Backset (mm)	60	60	60	60
Centres (mm)	72		72	
<b>Case Finishes</b>				
Brass				
Satin				
Other	St. Steel	St. Steel	St. Steel	St. Steel

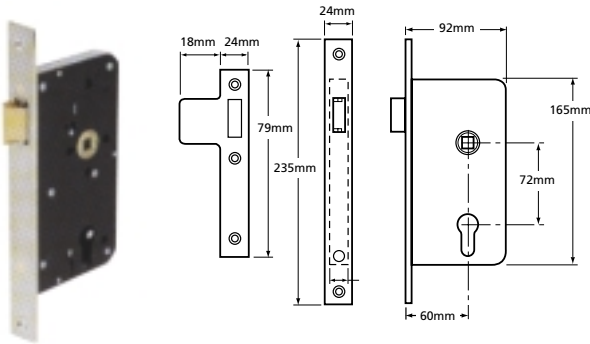
# Architectural Cylinder Mortise Locks



## Standard Case Only

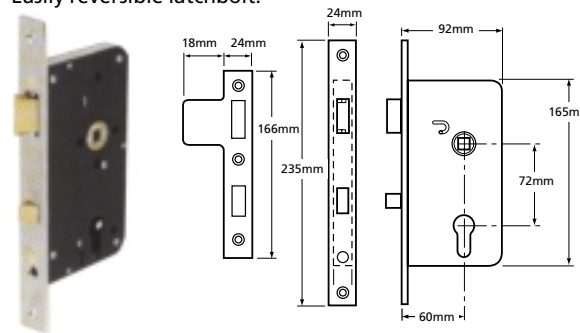
### UNION U2465 Mortice Latch **NEW**

- European size 72mm centres mortice lock case which accommodates most euro-profile cylinders.
- Handle operation from both sides of the door.
- Easily reversible latchbolt.



### UNION U2421 Deadlocking Latch **NEW**

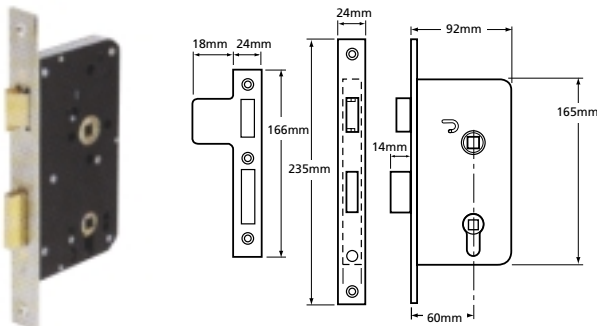
- European size 72mm centres mortice lock case which accommodates most euro-profile cylinders.
- Key and handle operation from both sides of the door. Latchbolt operated by key.
- Autodeadlocking latch, everytime the door is closed it is locked.
- Easily reversible latchbolt.



## Standard Case Only

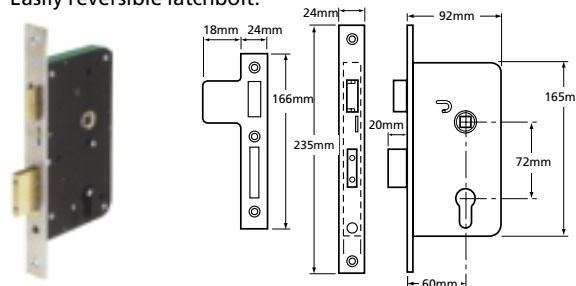
### UNION U2486 Bathroom Lock **NEW**

- European size 72mm centres mortice lock case.
- Handle operation from both sides of the door.
- Easily reversible latchbolt.



### UNION U2424 Escape Lock **NEW**

- European size 72mm centres mortice lock case which accommodates most euro-profile cylinders.
- Key and handle operation from both sides of the door. Latchbolt operated by key.
- Extra long deadbolt with 20mm throw.
- Single action escape action. One downwards movement of the handle withdraws both the bolts simultaneously.
- Easily reversible latchbolt.



	U2465	U2421	U2486	U2424
<b>Security Features</b>				
Protected Section	○	○		○
Drill Resistant				
Saw Resistant				●
Force Resistant				
Pick Resistant				
Escape				●
Key Control	A,B,C	A,B,C		A,B,C
Guarantee	10	10	10	10

	U2465	U2421	U2486	U2424
<b>Security Features</b>				
Locking Mechanism	L	DL/L	L, DB	L, DB
Bolt Through Fixings	●	●▲	●	●▲
Locking Internal		Auto	Turn	Key/Turn
Locking External		Auto		Key
Springing	n/a	n/a	n/a	n/a

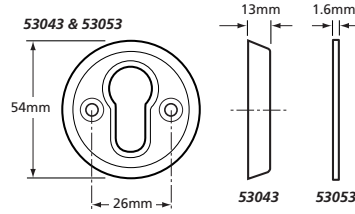
<b>Door Specification</b>				
Case Size (mm)	92	92	92	92
Backset (mm)	60	60	60	60
Centres (mm)	72	72		72

<b>Case Finishes</b>				
Brass				
Satin				
Other	St. Steel	St. Steel	St. Steel	St. Steel

## High Security Cylinder Roses

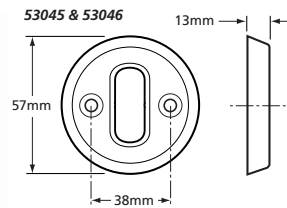
### UNION 53043 • 53053 For Euro Profile BS Range

- Helps prevent against torque and force attacks.
- Brass or Satin Finish.
- Bolt through fixing.



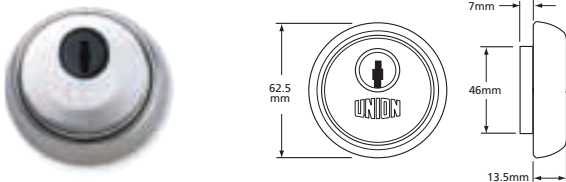
### UNION 53045 • 53046 For Architectural 2D2 Mortice Range

- Helps prevent against torque and force attacks.
- Brass or Satin Finish.
- Bolt through fixing.



### UNION 530TSE

- For use with Euro profile cylinders.
- Helps prevent against Torque and Force attacks.
- Brass or Satin Finish.
- Bolt through fixing.
- Escutcheon covers cylinder for extra protection.



## Notes

### UNION

Notes section with horizontal lines for writing.

# Special Purpose



## Casement Locks

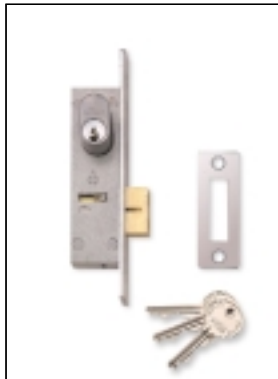


**UNION** 22511 Range Page M43



**UNION** 22931 Range Page M43

## Deadlock



**UNION** L2153 Page M43

## Locks for Residential Aluminium Doors



**UNION** L2214 Page M43



**UNION** L2224 Page M44



**UNION** L22070 Page M44



**UNION** L22080 Page M44

## UNION Special Purpose



### UNION Casement Locks

- 22511 Metal Casement Lock
- 22512 Metal Casement Lock
- 22931 Metal Casement Lock
- 22932 Metal Casement Lock
- 22933 Metal Casement Lock
- 22934 Metal Casement Lock

### UNION Deadlock

- L2153 Deadlock for Metal Doors

### UNION Residential Locks

- L2214 Oval Cylinder Mortice
- L2224 Euro Cylinder Mortice
- L22070 Euro Cylinder Mortice
- L22080 Euro Cylinder Mortice

	Security Features								Door Specification			Case Finishes							
	Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Escape	Key Control	Guarantee	Locking Mechanism	Bolt Through Fixings	Deadlocking Internal	Deadlocking External	Springing	Case Size	Back Set	Centres	Brass	Satin	Other
22511 Metal Casement Lock									L/DB		Key	Key		Special					Zinc Passivated Finish
22512 Metal Casement Lock									L/DB		Key	Key		Special					Zinc Passivated Finish
22931 Metal Casement Lock									L/DB		Key	Key		Special					Zinc Passivated Finish
22932 Metal Casement Lock									L/DB		Key	Key		Special					Zinc Passivated Finish
22933 Metal Casement Lock									L/DB		Key	Key		Special					Zinc Passivated Finish
22934 Metal Casement Lock									L/DB		Key	Key		Special					Zinc Passivated Finish
L2153 Deadlock for Metal Doors									DB		Key/Turn	Key		32mm	16.5mm				
L2214 Oval Cylinder Mortice									L/DB		Key/Turn	Key	5	47.5mm	31mm	48.5mm			
L2224 Euro Cylinder Mortice									L/DB		Key/Turn	Key	5	47.5mm	31mm	47.5mm			
L22070 Euro Cylinder Mortice									L/DB		Key/Turn	Key	5	53.5mm	36mm	47.5mm			
L22080 Euro Cylinder Mortice									L/DB		Key/Turn	Key	5	50.5mm	30.5mm	47.5mm			

Key: Protected Section - O = Optional

Locking Mechanism - DB = Deadbolt, L = Latch,

Bolt Through Fixings - ● = Handles

KA = Keyed Alike Only

A,B,C = Masterkey Grouping

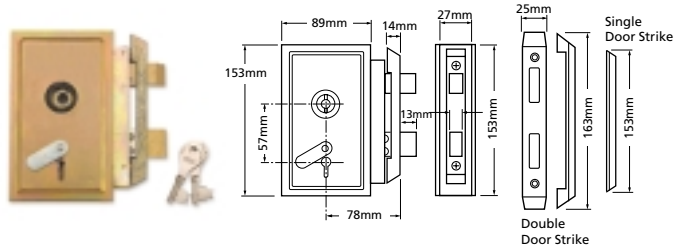
● (2) = Supplied without forend and striking plate.

## Special Purpose

### UNION 22511 • 22512 Metal Casement Lock

**22511 Metal Casement Lock.**  
**22512 Metal Casement Lock.**

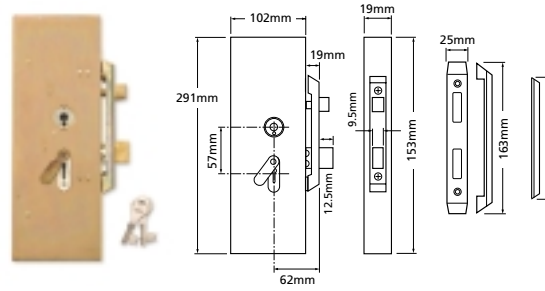
- Suitable for metal casement doors. 4 levers.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle.
- Not reversible - refer to chart and order hand by pattern number.
- 150 differs numbered BGA101 to BGA250.



### UNION 22931 • 22932 • 22933 • 22934

**22931 Metal Casement Lock.**    **22933 Metal Casement Lock.**  
**22932 Metal Casement Lock.**    **22934 Metal Casement Lock.**

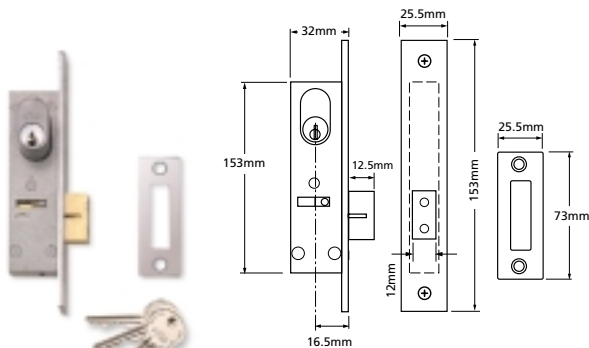
- Suitable for metal casement doors only. • 4 levers.
- Deadbolt locked or unlocked by key from either side.
- Latchbolt withdrawn by lever handle.
- Not reversible - refer to chart and order hand by pattern number.
- 150 differs numbered BGA101 to BGA250.



## Special Purpose

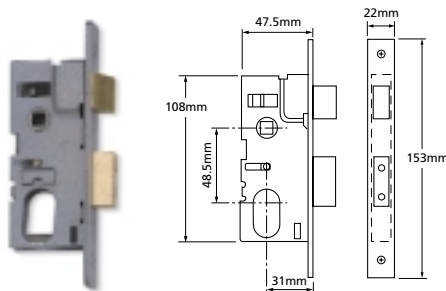
### UNION 2153 Deadlock for Metal Doors

- Suitable for metal doors.
- 32mm case size available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.



### UNION L2214 Oval Cylinder Mortice Case

- Suitable for residential aluminium doors.
- 47.5mm case size available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by lever handle.
- Latchbolt can be withdrawn by key.
- Suitable for use with narrow plate unsprung lever handles details available upon request.

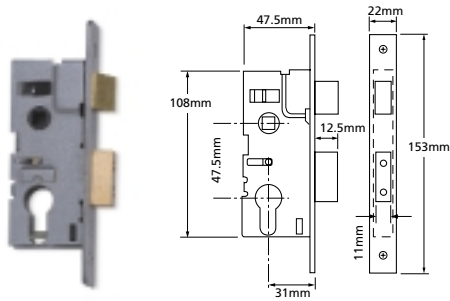


	22511 Range	22931 Range	2153	L2214
<b>Security Features</b>				
Protected Section			○	○
Drill Resistant				
Saw Resistant			●	●
Force Resistant				
Pick Resistant				
Escape				
Key Control			A,B,C	A,B,C
Guarantee	10	10	10	10
<b>Security Features</b>				
Locking Mechanism	L/DB	L/DB	DB	L/DB
<b>Bolt Through Fixings</b>				
Locking Internal	Key	Key	Key/Turn	Key/Turn
Locking External	Key	Key	Key	Key
<b>Springing</b>				
<b>Door Specification</b>				
Case Size (mm)	Special	Special	32	47.5
Backset (mm)			16.5	31
Centres (mm)				47.5
<b>Case Finishes</b>				
Brass				
Satin			●	●
Other	ZP	ZP		

## Special Purpose

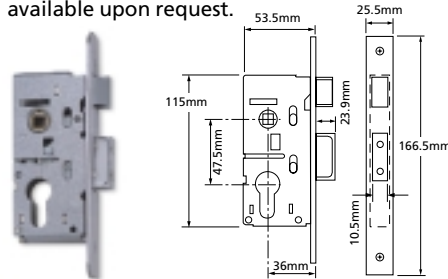
### UNION L2224 Euro Profile Cylinder Mortise Case

- Suitable for residential aluminium doors.
- 47.5mm case size available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by lever handle.
- Latchbolt can be withdrawn by key.
- Suitable for use with narrow plate unsprung lever handles. Details available upon request.



### UNION L22070 Euro Profile Cylinder Mortise Case

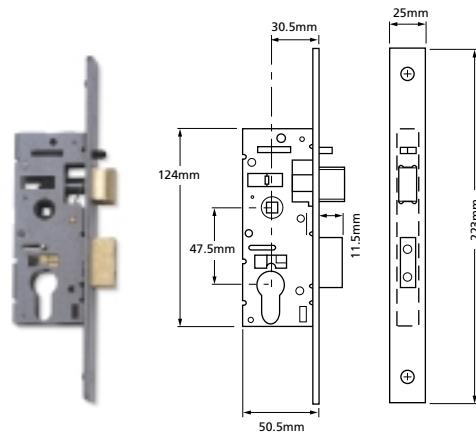
- Suitable for residential aluminium doors
- 53.5mm case size available
- Double throw deadbolt gives 24mm bolt throw when key turned twice
- Deadbolt locked or unlocked by cylinder key or cylinder turn
- Latchbolt withdrawn by lever handle
- Latchbolt can be withdrawn by key
- Suitable for use with narrow plate unsprung lever handles. Details available upon request.



## Special Purpose

### UNION L22080 Euro Profile Cylinder Mortise Case

- Suitable for residential aluminium doors.
- 53.5mm case size available.
- Deadbolt locked or unlocked by cylinder key or cylinder turn.
- Latchbolt withdrawn by lever handle.
- Latchbolt can be withdrawn by key.
- Suitable for use with narrow plate unsprung lever handles. Details available upon request.

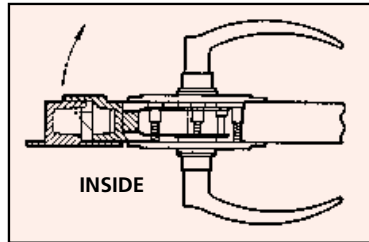


	L2224	L22070	L22080
<b>Security Features</b>			
Protected Section	○	○	○
Drill Resistant			
Saw Resistant	●	●	●
Force Resistant			
Pick Resistant			
Escape			
Key Control	A,B,C	A,B,C	A,B,C
Guarantee	10	10	10
<b>Security Features</b>			
Locking Mechanism	L/DB	L/DB	L/DB
<b>Bolt Through Fixings</b>			
Locking Internal	Key/Turn	Key/Turn	Key/Turn
Locking External	Key	Key	Key
Springing	5	5	5
<b>Door Specification</b>			
Case Size (mm)	47.5	53.5	50.5
Backset (mm)	31	36	30.5
Centres (mm)	48.5	47.5	47.5
<b>Case Finishes</b>			
Brass			
Satin	●	● (2)	● (2)
Other			

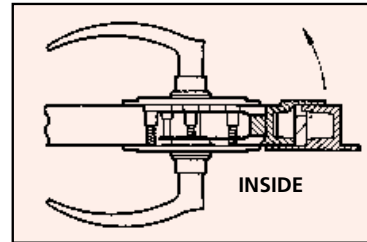
## Casement Lock Handing Diagrams

### Metal Casement Lock One-Way Action

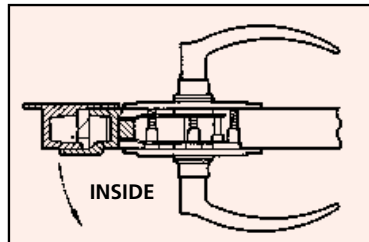
These Lock are not reversible. Order by pattern number only as detailed in these drawings.



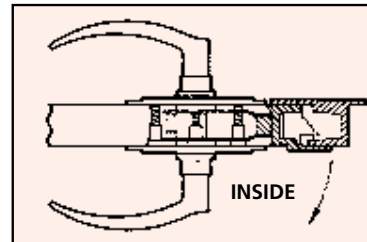
22511S. For Single doors  
22511D. For double doors



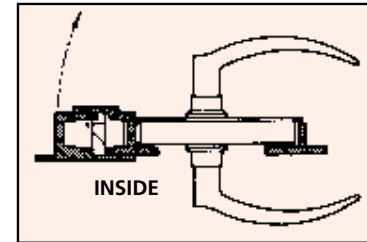
22512S. For Single doors  
22512D. For double doors



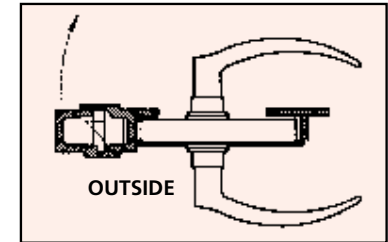
22512S. For Single doors  
22512D. For double doors



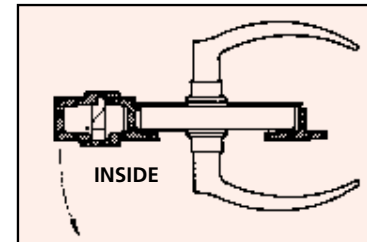
22511S. For Single doors  
22511D. For double doors



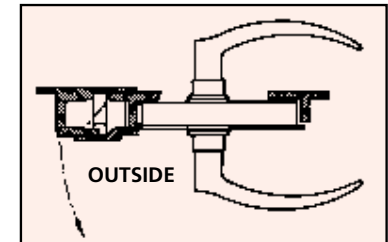
22931S. For Single doors  
22931D. For double doors



22933S. For Single doors  
22933D. For double doors



22932S. For Single doors  
22932D. For double doors

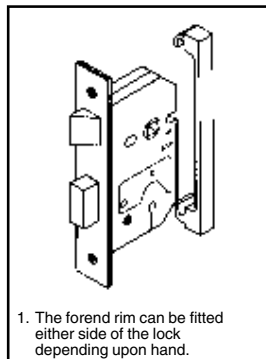


22934S. For Single doors  
22934D. For double doors

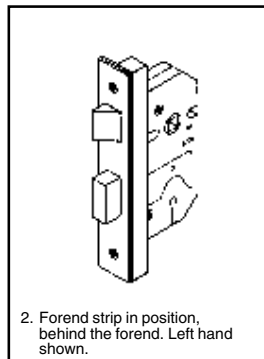
## Reversible Rebated Forends and Striking Plates

A rebated component set is used to convert a mortice lock with a flat forend, into a full rebated lock.

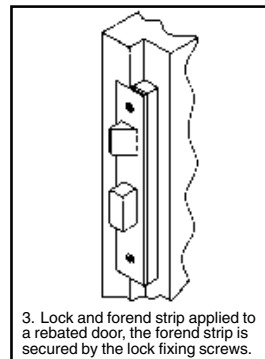
Application: For wood rebated doors hinged on the left or right, opening inwards or outwards. Rebate sets are available to suit 13mm, 19mm and 25mm rebates. For maximum and minimum door thickness see table.



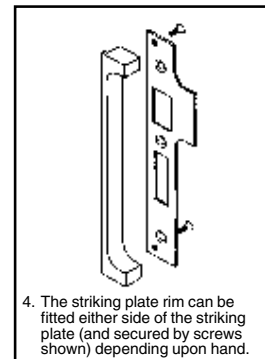
1. The forend rim can be fitted either side of the lock depending upon hand.



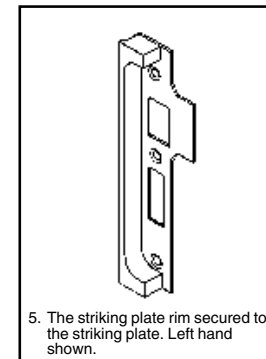
2. Forend strip in position, behind the forend. Left hand shown.



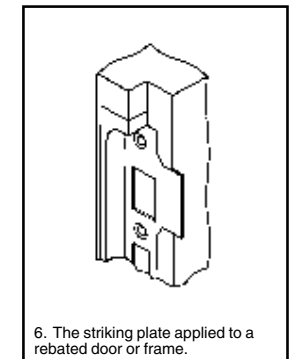
3. Lock and forend strip applied to a rebated door, the forend strip is secured by the lock fixing screws.



4. The striking plate rim can be fitted either side of the striking plate (and secured by screws shown) depending upon hand.



5. The striking plate rim secured to the striking plate. Left hand shown.



6. The striking plate applied to a rebated door or frame.

# Mortice Locks



## Rebated Components



Lock No.	Sq. Rebate Set	Sizes Available			Suit Door Thickness
		13mm	19mm	25mm	
2026	2939	•	•	•	40-59mm
2037	2939	•	•	•	40-59mm
2041	2939	•	•	•	40-59mm
2049	2939	•	•	•	40-59mm
2074	2906	•	•	•	44-54mm
2076	2906	•	•	•	44-54mm
2077	2939	•	•	•	40-59mm
2101	2988	•	•	•	40mm MIN
2126	2969	•	•	•	40mm MIN
2134	2954	•	•	•	44mm MIN
2137	2919	•	•	•	44mm MIN
2141	2919	•	•	•	44mm MIN
2149	2919	•	•	•	44mm MIN
2157	2919	•	•	•	44mm MIN
2161	2969	•	•	•	44mm MIN
2169	2969	•	•	•	44mm MIN
2177	2969	•	•	•	44mm MIN
2201	2989	•	•	•	40-54mm
2226	2979	•	•	•	40-59mm
2234	2964	•	•	•	44-54mm
2237	2979	•	•	•	40-59mm
2241	2979	•	•	•	40-59mm
2249	2979	•	•	•	40-59mm
2274	2936	•	•	•	44-54mm
2277	2979	•	•	•	40-59mm
2332	2992	•	•	•	40-59mm
2341	2942	•	•	•	44-54mm
2349	2942	•	•	•	44-54mm
2401	N/A				
2426	2969	•	•	•	40mm MIN
2441	2919	•	•	•	40mm MIN
2477	2969	•	•	•	40mm MIN
2657	2930	•	•	•	40-59mm
2670	2936	•	•	•	44-54mm
2672	2906	•	•	•	44-54mm

Lock No.	Sq. Rebate Set	Sizes Available			Suit Door Thickness
		13mm	19mm	25mm	
2674	2906	•	•	•	44-54mm
2677	2992	•	•	•	40-59mm
2682	2936	•	•	•	44-59mm
20241	2939	•	•	•	40-59mm
21241	2919	•	•	•	44mm MIN
21412	2912 (HR)	•	•	•	40mm MIN
21492	2912 (HR)	•	•	•	40mm MIN
21572	2912 (HR)	•	•	•	40mm MIN
21672	2912 (HR)	•	•	•	40mm MIN
22241	2979	•	•	•	40-59mm
23702	2936	•	•	•	44-54mm
26773	2904	•	•	•	40-59mm
212441	2958	•	•	•	44-54mm
212442	2958	•	•	•	44-54mm
222441	2968	•	•	•	44-54mm
222442	2968	•	•	•	44-54mm
222443	2968	•	•	•	44-54mm
222444	2968	•	•	•	44-54mm
222445	2968	•	•	•	44-54mm
222446	2968	•	•	•	44-54mm
224402	2968	•	•	•	44-54mm
224403	2968	•	•	•	44-54mm
224404	2968	•	•	•	44-54mm
224405	2968	•	•	•	44-54mm
224406	2968	•	•	•	44-54mm
267732	2904	•	•	•	40-59mm
2224402	2968	•	•	•	44-54mm
2224403	2968	•	•	•	44-54mm
2224404	2968	•	•	•	44-54mm
2224405	2968	•	•	•	44-54mm
2224406	2968	•	•	•	44-54mm
4G	4GR	•	•	•	40-59mm
4H	N/A				
4J	N/A				
4K	N/A				

Lock No.	Sq. Rebate Set	Sizes Available			Suit Door Thickness
		13mm	19mm	25mm	
4L	N/A				
L2041	2939	•	•	•	40-59mm
L2049	2939	•	•	•	40-59mm
L2070	2906	•	•	•	44-54mm
L2072	2906	•	•	•	44-54mm
L2141	2919	•	•	•	44mm MIN
L21412	2919	•	•	•	44mm MIN
L2144	2958	•	•	•	44mm MIN
L2149	2919	•	•	•	44mm MIN
L21492	2919	•	•	•	44mm MIN
L2161	2969	•	•	•	44mm MIN
L2169	2969	•	•	•	44mm MIN
L2170	2946	•	•	•	44mm MIN
L2183	2916	•	•	•	44mm MIN
L2241	2979	•	•	•	40-59mm
L2244	2968	•	•	•	44-54mm
L224402	2968	•	•	•	44-54mm
L224403	2968	•	•	•	44-54mm
L224404	2968	•	•	•	44-54mm
L224405	2968	•	•	•	44-54mm
L224406	2968	•	•	•	44-54mm
L224407	2968	•	•	•	44-54mm
L224408	2968	•	•	•	44-54mm
L2249	2979	•	•	•	40-59mm
L2264	2936	•	•	•	44-54mm
L2270	2936	•	•	•	44-54mm
L2282	2936	•	•	•	44-54mm
L2332	2992	•	•	•	40-59mm
L23322	2992	•	•	•	40-59mm
L2341	2942	•	•	•	40-59mm
L2349	2942	•	•	•	40-59mm
L2370	2936	•	•	•	44-54mm
L2441	2919	•	•	•	40mm MIN



Rim Locks

- Double Security
- Drawback Lock
- Security Range
- Traditional Security
- Lever Rim

Rim Locks

**UNION**<sup>®</sup>



## Rim Locks Index

- *Introduction* RL2
- *What Type of Door ?* RL3
- *What is Backset ?* RL3
- *Features and Functions* RL3
- *Photo Gallery* RL4
- *Range Table* RL5
- *Double Security* RL6
- *Drawback Lock* RL6
- *Security Range* RL7 - 8
- *Traditional Security* RL9
- *Replacement Cylinder* RL9
- *Lever Rim Locks* RL10 - 11

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offer a comprehensive range of cylinder rim and lever rim locks which are ideal for both architectural application and residential use.

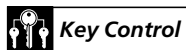
The range includes security variants, as well as standard variants and are ideal for use with a Union mortice deadlock on external doors.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## Keying Groups

Throughout the catalogue you will see a column headed.



The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

The products that can be keyed to work with other products are given a group code.

**KA** - means the product can be **Keyed Alike** with more of the same product.

**MK** - means the product can be **Masterkeyed** with more of the same product.

A Group Letter (eg **A**) means the product can be **Keyed Alike** or **Masterkeyed** with more of the same product **and** with other products listed in the same group.

For the complete range of products and their keying groups, see the chart in the introduction section.

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example:** If you require a rimlock that has hardened protection against drill attack, look for the Drill Resistant icon (number 2) in the range table.

*Union, Simplifying the Specification Process.*

## Standards & Approvals



BS3621

Products endorsed with the Kitemark have passed a strict testing procedure under the control of the British Standards Institution.



The Master Locksmiths Association provides guidelines covering minimum security levels for domestic properties.



The Association of British Insurers provides minimum security recommendations for external doors and windows.



The National House Building Council offers general guidance on security for dwellings, flats and maisonettes.

## Keys

At least 2 keys are supplied as standard, however see the price list for any variations.

## Security Features

**1** **Protected Section**  
Products are available as an option on a patented key section.

**2** **Drill Resistant**  
Hardened protection against drill attack.

**3** **Saw Resistant**  
Hardened protection against saw attack.

**4** **Force Resistant**  
Built in strength against force attack.

**5** **Pick Resistant**  
Built in protection to resist picking.

**6** **Torque Resistant**  
Built in strength against torque attack.

**7** **Tamper Resistant**  
Built in protection against Tampering.

**8** **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.

**9** **Fire Resistant**  
Products conform to appropriate fire test requirements.

**10** **Escape**  
Products for use on an escape door.

**11** **Key Control**  
The products can be included in a key control system.

**12** **Guarantee**  
Products are guaranteed for a period of time.

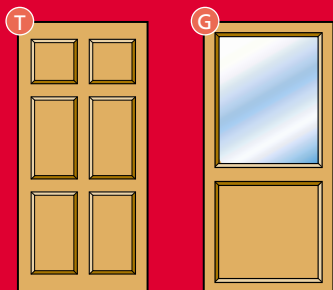


# Rim Locks



## What Type of Door ?

- A comprehensive range of locks for both exterior and interior glass panelled or solid timber doors.



### Door Types

- T** Solid Timber
- G** Glass Panelled

- Variants available for outward opening doors.
- Locks available to suit doors between 35mm and 60mm thick.

## What is Backset?

- This is the measurement from the edge of the door to the centre of the keyhole.



- Cylinder rim locks are commonly supplied with either a 40mm or 60mm backset.
- Locks with a 40mm backset are normally used where there is restricted space, such as on a glass panelled door.

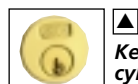
## Features and Functions

### Lockable Handle =

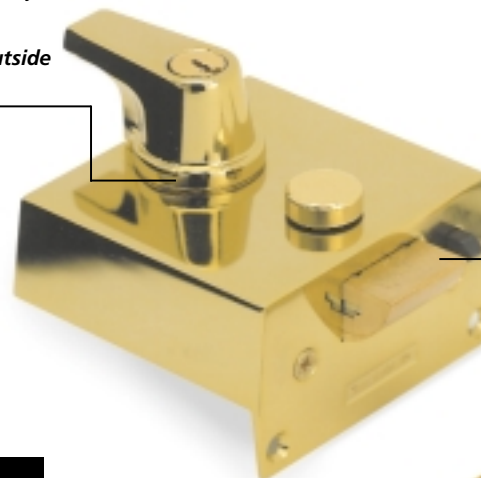
Prevents someone reaching in and opening the door



**Internal handle**  
(by turn of key in handle)

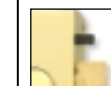


**Key in outside cylinder**



### Locking Mechanism =

the means by which the door is held closed



**DL/L**

**Deadlocking Latch**



**RB**

**Rollerbolt**



**DB**

**Deadbolt**



**L**

**Latch**

**PS** **Protected Section**  
Available on a patented key section.

**DR** **Drill Resistant**  
Hardened Steel Inserts in the outside cylinder.

**SR** **Saw Resistant**  
Hardened steel bolt, plates or hardened rollers.

**FR** **Force Resistant**  
Meets the force requirements of BS3621.

**PR** **Pick Resistant**  
Locking mechanism incorporates pick resistant device(s).

**TR** **Torque Resistant**  
Side lugs restricting twisting of cylinder.

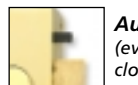
**TA** **Tamper Resistant**  
Concealed fixings when door is closed.

**KC** **Key Control**  
Can be Masterkeyed or Keyed Alike (KA).

**G** **Guarantee**  
Guarantee period applicable when used with original Union Keys and maintenance instructions followed.

### Deadlocking =

Locking the bolt so that it cannot be forced back.



**Automatic**  
(every time the door is closed it is deadlocked)



**Key**  
(by a reverse turn of the key in the outside cylinder)



**Internal Key**



**Snib**  
(Internal snib button)



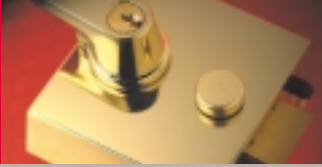
### Bolt Hold Back

Either a slide, push button or turn of pull back handle to hold the bolt in the case.

\*All locks are supplied complete with at least two keys as standard.

**Finishes:** Brasslux Grey Champagne Gold White Chrome Plated

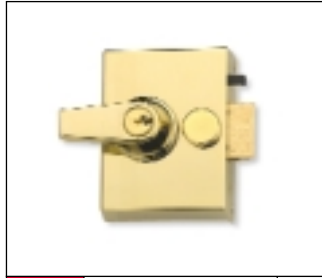
**Ideal for Use with:** Mortice Deadlocks & Access Control Systems



# Rim Locks



## Double Security

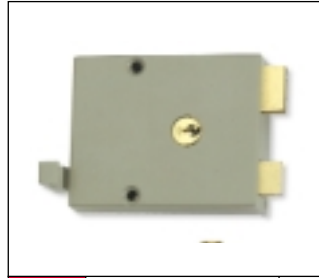


**UNION** 1097 Page RL6

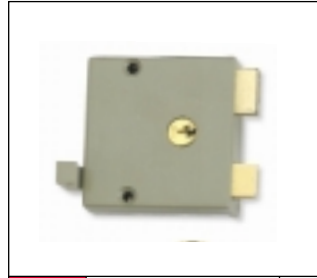


**UNION** 1098 Page RL6

## Drawback Lock

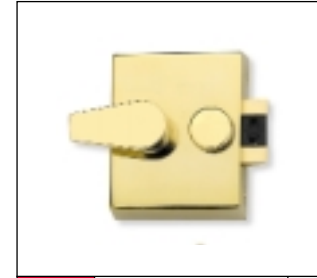


**UNION** 1332 Page RL6



**UNION** 1334 Page RL6

## Security



**UNION** 1037 Page RL7



**UNION** 1038 · 10381 Page RL7

## Security

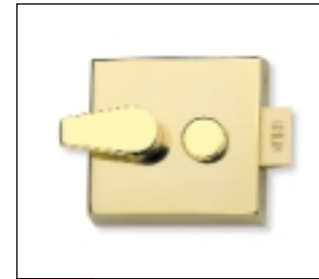


**UNION** 1047 Page RL7

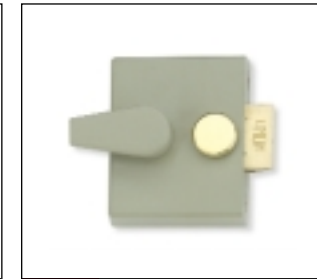


**UNION** 1048 Page RL7

## Standard Security



**UNION** 1026 Page RL8



**UNION** 1027 Page RL8



**UNION** 1028 Page RL8



**UNION** 1148 Page RL8

## Standard Security



**UNION** 1158 Page RL8

## Traditional



**UNION** 1022 Page RL9

## Lever Rim Range



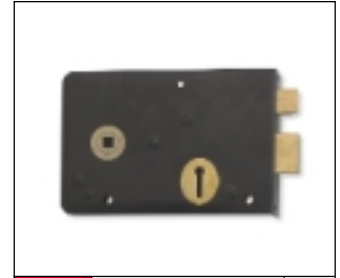
**UNION** Deadlock Page RL10



**UNION** Deadlock Page RL10



**UNION** Latch Page RL10



**UNION** Lock Page RL10



UNION	Product Name	Security Features									Features / Functions					Door Specification			Case Finishes			
		Protected Section	Drill Resistant	Saw Resistant	Force Resistant	Pick Resistant	Torque Resistant	Tamper Resistant	Key Control	Guarantee	Locking Mechanism	Lockable Handle	Bolt Hold Back	Deadlocking Internal	Deadlocking External	Door Thickness	Bracket	Type of Door	Brasslux	Champagne Gold	Other	
<b>UNION Double Security</b>																						
1097			●	●	●				●	B,C	10	DL/L	●	●	Auto	Auto	35-60mm	40mm	T, GP	●	●	White
1098			●	●	●				●	B,C	10	DL/L	●	●	Auto	Auto	35-60mm	60mm	T, GP	●	●	White
<b>UNION Drawback Lock</b>																						
1332			●	●	●				●	B,C	10	DB	●	●	Key	Key	35-60mm	60mm	T, GP	●	●	White
1334			●	●	●				●	B,C	10	DB	●	●	Key	Key	35-60mm	50mm	T, GP	●	●	White
<b>UNION Security</b>																						
1037		○		●	●				●	A,B,C	10	DL/L	●	●	Auto	Auto	35-60mm	40mm	T, GP	●	●	White
1038		○		●	●				●	A,B,C	10	DL/L	●	●	Auto	Auto	35-60mm	60mm	T, GP	●	●	White
10381		○		●	●				●	A,B,C	10	L		●			35-60mm	60mm	T	●	●	White
1047		○		●	●				●	A,B,C	10	L	●	●	Snib	Key	35-60mm	40mm	T, GP	●	●	White
1048		○		●	●				●	A,B,C	10	L	●	●	Snib	Key	35-60mm	60mm	T, GP	●	●	White
<b>UNION Standard Security</b>																						
1026		○			●				●	A,B,C	10	L		●	Snib		35-60mm	50mm	T	●	●	White
1027		○			●				●	A,B,C	10	L		●	Snib		35-60mm	40mm	T	●	●	White
1028		○			●				●	A,B,C	10	L		●	Snib		35-60mm	60mm	T	●	●	White
1148		○			●				●	A,B,C	10	DB			Turn		35-60mm	60mm	T	●	●	White
1158		○*			●				●	A,B,C	10	RB			Turn		35-60mm	60mm	T	●	●	White
<b>UNION Traditional Security</b>																						
1022		○			●					A,B,C	10	L		●	Snib		35-60mm	60mm	T			SE
<b>UNION Lever Rim</b>																						
1116 Deadlock											5	DB			Key	Key	Upto 50mm	51mm	T			Black
1139 Deadlock											5	DB			Key	Key	Upto 50mm	51/76mm	T			Black
1209 Latch											5	DB, L			Snib		Upto 50mm	76mm	T			Black
1439 Lock											5	DB, L			Key	Key	Upto 50mm	53mm	T			Black
1445 • 1446 Lock											5	DB, L			Key	Key	Upto 50mm	51mm	T	●	●	Black
1448 Lock											5	DB, L			Key	Key	Upto 50mm	51mm	T			Black
1465											5	DB, L			Key	Key	Upto 50mm	51mm	T			Black
5D											5	DB			Key	Key		45mm	T			Grey

Note : ○ = Optional



# Rim Locks



## Double Security

**UNION** 1097 · 1098

- Latchbolt automatically deadlocks on closing the door.
- Key operation from outside. Key lockable lever handle operation from inside.
- Keyblank number, KB1-502-102.

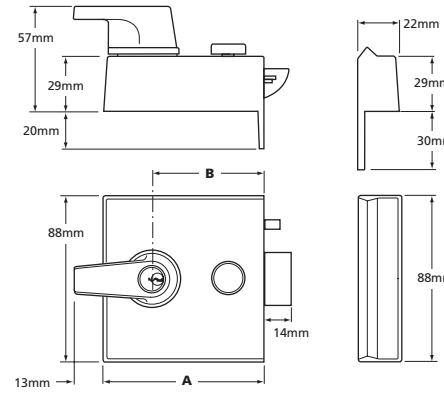


1097



1098

Model	A	B
1097	65mm	40mm
1098	85mm	60mm



## Drawback Lock

**UNION** 1332 · 1334

- Double throw deadlock giving 20mm projection.
- Key operated deadbolt from either side.
- Latchbolt key operated from outside, handle operated from inside.
- Keyblank number, KB1-502-102.

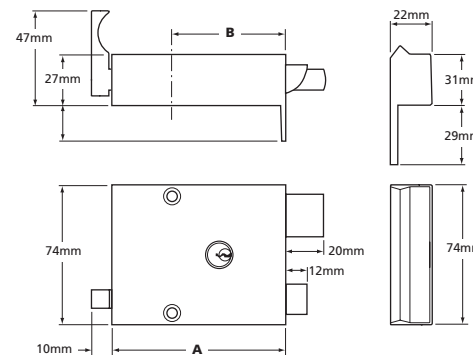


1332



1334

Model	A	B
1332	92mm	60mm
1334	73mm	50mm



	1097	1098	1332	1334
<b>Security Features</b>				
Protected Section				
Drill Resistant				
Saw Resistant	•	•	•	•
Force Resistant	•	•	•	•
Pick Resistant	•	•	•	•
Torque Resistant				
Tamper Resistant	•	•	•	•
Key Control	•	•	•	•
Guarantee	10	10	10	10
<b>Features / Functions</b>				
Locking Mechanism	DL/L	DL/L	DB	DB
Lockable Handle	•	•	•	•
Hold Back	•	•	•	•
Deadlocking Internal	Auto	Auto	Key	Key
Deadlocking External	Auto	Auto	Key	Key
<b>Door Specification</b>				
Door Thickness	35-60mm	35-60mm	35-60mm	35-60mm
Backset	40mm	60mm	60mm	50mm
Type of Door	T, GP	T, GP	T, GP	T, GP
<b>Case Finish</b>				
Brasslux	•	•	•	•
Champagne Gold	•	•	•	•
Other	White	White	White	White



# Rim Locks



## Security

**UNION** 1037 · 1038 · 10381

- Latchbolt automatically deadlocks on closing the door.
- Key operation from outside. Lever handle operation from inside.
- Security lock with deadlocking by reverse turn of key in outside cylinder.
- Keyblank number, KB9.
- 1038 - as 1037.
- 10381 - Non-deadlocking, ideal for applications in hotels and institutions. The push button will retain the bolt in the withdrawn position only. Key operation from outside. Lever handle from inside.

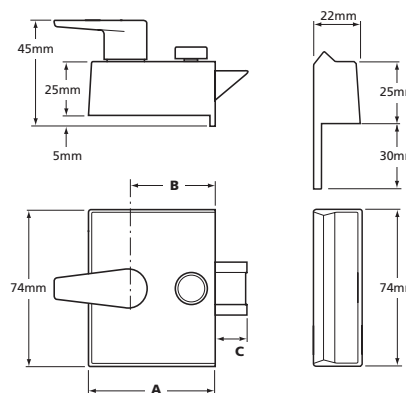


1037



1038

Model	A	B	C
1037	60mm	40mm	11.5mm
1038	92mm	60mm	14.5mm



## Security

**UNION** 1047 · 1048

- Manual deadlocking by reverse turn of key in outside cylinder.
- Key operation from the outside. Lever and key operation from inside.
- Keyblank number, KB9.

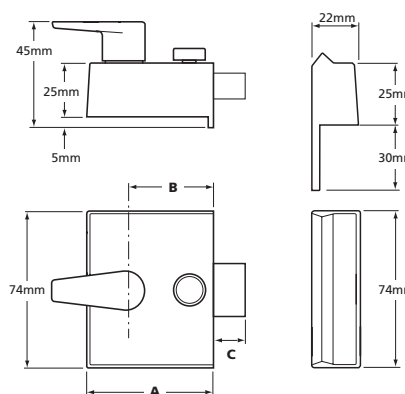


1047



1048

Model	A	B	C
1047	60mm	40mm	11.5mm
1048	92.5mm	60mm	14.5mm



	1037	1038	10381	1047	1048
<b>Security Features</b>					
Protected Section	o	o	o	o	o
Drill Resistant					
Saw Resistant					
Force Resistant	•	•	•	•	•
Pick Resistant	•	•	•	•	•
Torque Resistant					
Tamper Resistant	•	•	•	•	•
Key Control	•	•	•	•	•
Guarantee	10	10	10	10	10
<b>Features / Functions</b>					
Locking Mechanism	DL/L	DL/L	L	L	L
Lockable Handle	•	•		•	•
Hold Back	•	•	•	•	•
Deadlocking Internal	Auto	Auto		Snib	Snib
Deadlocking External	Auto	Auto		Key	Key
<b>Door Specification</b>					
Door Thickness	35-60mm	35-60mm	35-60mm	35-60mm	35-60mm
Backset	40mm	60mm	60mm	40mm	60mm
Type of Door	T, GP	T, GP	T	T, GP	T, GP
<b>Case Finish</b>					
Brasslux	•	•	•	•	•
Champagne Gold	•	•	•	•	•
Other	White	White	White	White	White



# Rim Locks



## Standard Security

**UNION** 1026 · 1027 · 1028

- Latchbolt mechanism.
- Key operation from outside. Lever handle operation from inside.
- Keyblank number, KB9.

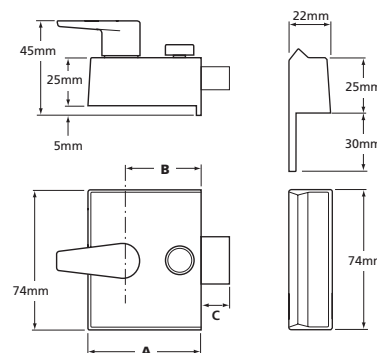
Model	A	B	C
1026	76.5mm	50mm	12.5mm
1027	60mm	40mm	11.5mm
1028	92.5mm	60mm	10.5mm



1026



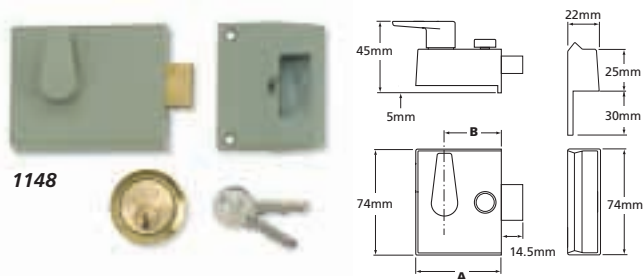
1027



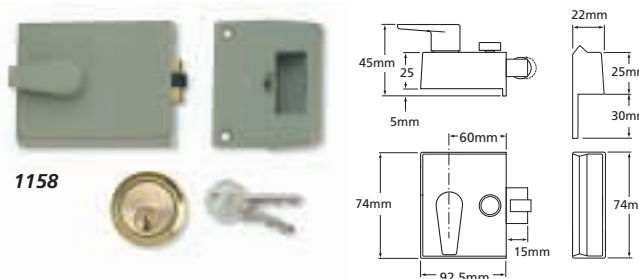
## Security

**UNION** 1148 **UNION** 1158

- |   |   |
|---|---|
| <ul style="list-style-type: none"> <li>• Deadlocking bolt.</li> <li>• Key operation from the outside. Handle from inside.</li> <li>• Keyblank number, KB9.</li> </ul> | <ul style="list-style-type: none"> <li>• Roller catch.</li> <li>• Key operation from the outside. Handle from inside.</li> <li>• Keyblank number, KB9.</li> </ul> |
|---|---|

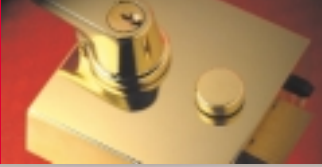


1148



1158

	1026	1027	1028	1148	1158
<b>Security Features</b>					
Protected Section	•	•	•	•	•
Drill Resistant					
Saw Resistant					
Force Resistant	•	•	•	•	•
Pick Resistant	•	•	•	•	•
Torque Resistant					
Tamper Resistant	•	•	•	•	•
Key Control	•	•	•	•	•
Guarantee	10	10	10	10	10
<b>Features / Functions</b>					
Locking Mechanism	L	L	L	DB	RB
Lockable Handle					
Hold Back	•	•	•		
Deadlocking Internal	Snib	Snib	Snib	Turn	Turn
Deadlocking External					
<b>Door Specification</b>					
Door Thickness	35-60mm	35-60mm	35-60mm	35-60mm	35-60mm
Backset	50mm	40mm	60mm	60mm	60mm
Type of Door	T	T	T	T	T
<b>Case Finish</b>					
Brasslux	•	•	•	•	•
Champagne Gold	•	•	•	•	•
Other	White	White	White	White	White



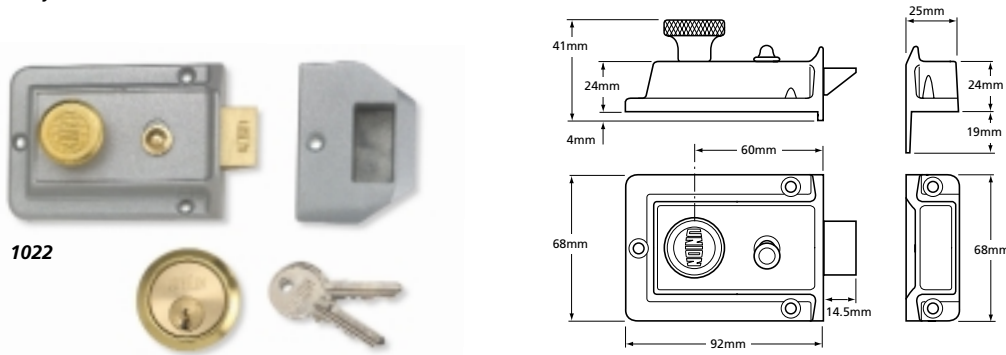
# Rim Locks



## Traditional Security

### UNION 1022

- Classic styling with deadlocking by snib.
- Key operation from outside. Knob handle operation from inside.
- Keyblank number, KB9.



## Replacement Cylinder

### UNION 1 x 1

- Spare or replacement pin tumbler rim cylinder.
- Available as 5 pin as standard or 6 pin for masterkeying.
- Also available on 512 section, reference 1 x 1 OS.
- Also available on Union patented system, (see cylinder catalogue).



#### For use with:

- 1037 ✓
- 1038 ✓
- 10381 ✓
- 1047 ✓
- 1048 ✓
- 1026 ✓
- 1027 ✓
- 1028 ✓
- 1148 ✓
- 1158 ✓
- 1022 ✓

	1022	1 x 1	1 x 1 OS
<b>Security Features</b>			
Protected Section	o	o	
Drill Resistant			o
Saw Resistant		n/a	n/a
Force Resistant		n/a	n/a
Pick Resistant	•	•	o
Torque Resistant		n/a	n/a
Tamper Resistant		n/a	n/a
Key Control			KA
Guarantee	10	10	10
<b>Features / Functions</b>			
Locking Mechanism	L		
Lockable Handle			
Hold Back	•		
Deadlocking Internal	Snib		
Deadlocking External			
<b>Door Specification</b>			
Door Thickness	35-60mm		
Backset	60mm		
Type of Door	T		
<b>Case Finish</b>			
Brasslux			
Champagne Gold			
Other	SE		



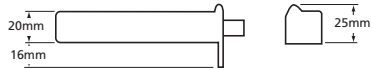
# Rim Locks



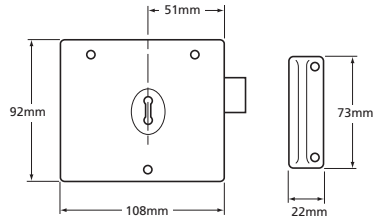
## Lever Rim

**UNION 1116**

- Operation by key from either side of the door. No latch mechanism.
- Key to deadlock.
- Keyblank numbers, KB150.

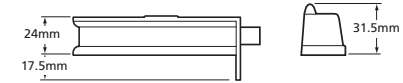


1116

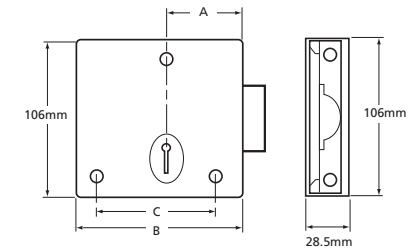


**UNION 1139**

- Operation by key from either side of the door. No latch mechanism.
- Key to deadlock.
- Hand must be stated on order.
- Keyblank numbers, KB144.



1139



Lock Size	4"	6"
A	51mm	76mm
B	109.5mm	154.5mm
C	79mm	104mm

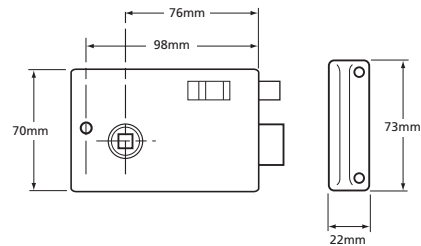
## Lever Rim

**UNION 1209**

- Operation by knob from either side.
- Side bolt operation from inside only.

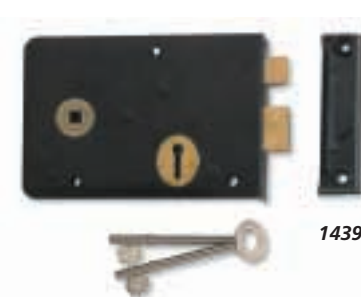


1209

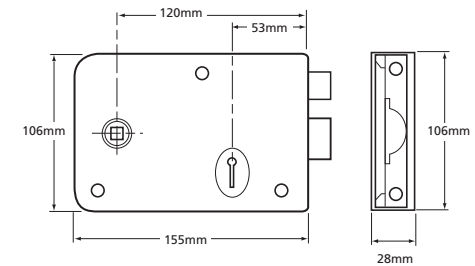


**UNION 1439**

- Deadbolt operated by key from either side of the door.
- Latchbolt withdrawn by knob from either side
- Hand must be stated on order.
- Keyblank numbers, KB144.



1439





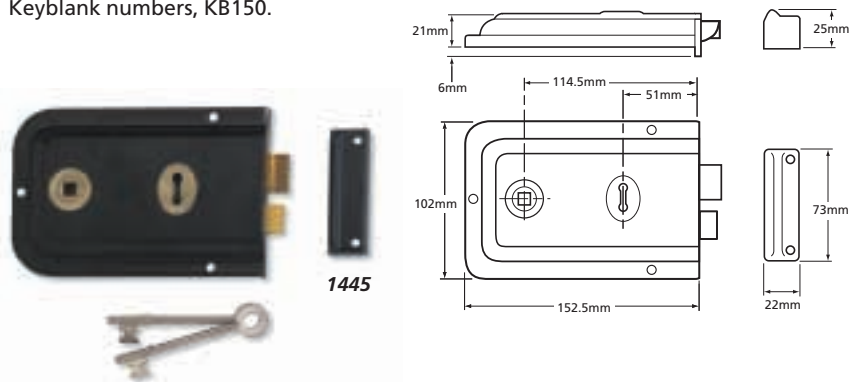
# Rim Locks



## Lever Rim

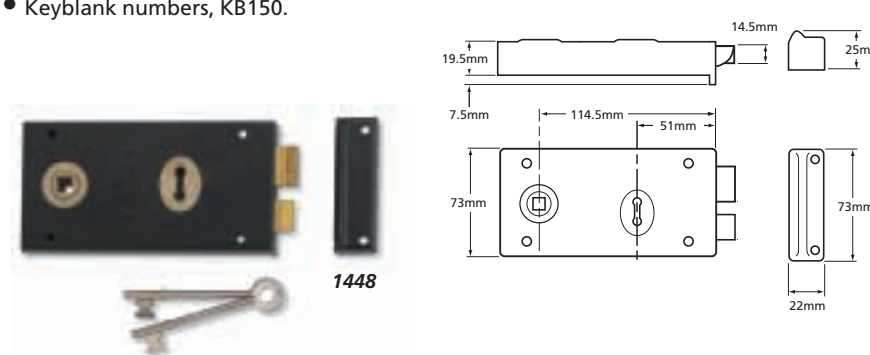
**UNION 1445**

- Deadbolt operated by key from either side of the door.
- Latchbolt withdrawn by knob from either side.
- Keyblank numbers, KB150.



**UNION 1448**

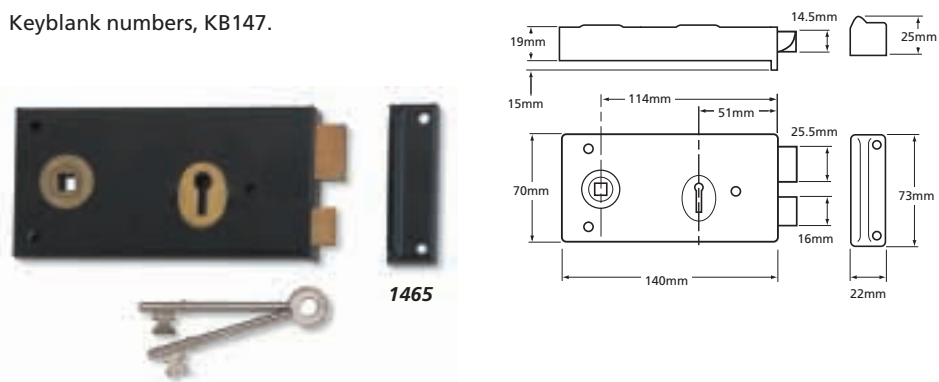
- Deadbolt operated by key from either side of the door.
- Latchbolt withdrawn by knob from either side.
- Keyblank numbers, KB150.



## Lever Rim

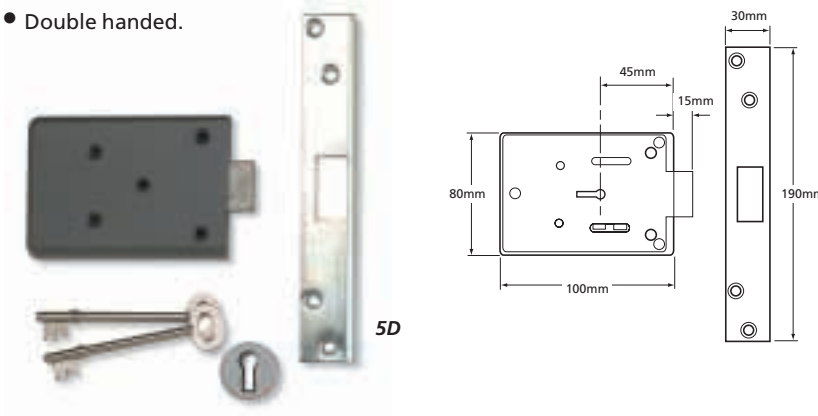
**UNION 1465**

- Deadbolt operated by key from either side of the door.
- Latchbolt withdrawn by knob from either side.
- Hand must be stated on order.
- Keyblank numbers, KB147.



**UNION 5D**

- Rim deadlock.
- Key operation from the outside only.
- Double handed.





Padlocks  
• Brass

Padlocks

**UNION**<sup>®</sup>



## Padlocks Index

- [Introduction](#) P2
- [Padlock Choice](#) P3
- [Shackle Information](#) P3
- [Features and Functions](#) P3
- [Photo Gallery](#) P4
- [Range Table](#) P4
- [Brass Range](#) P5 - 7
- [Notes Page](#) P7

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offer a range of padlocks which are ideal for commercial, industrial and residential use.

The range includes open and close shackle variants to suit the particular application, together with a choice of hardened steel or manganese bronze shackle.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## How to Specify

### How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example:** If you require a padlock that has hardened protection against saw attack, look for the Saw Resistant icon (number 3) in the range table on page 4 and then on subsequent pages where further product information is supplied.

*Union, Simplifying the Specification Process.*

## Keying Groups

Throughout the catalogue you will see a column headed.



The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

The products that can be keyed to work with other products are given a group code.

**KA** - means the product can be **Keyed Alike** with more of the same product.

**MK** - means the product can be **Masterkeyed** with more of the same product.

A Group Letter (eg **A**) means the product can be **Keyed Alike** or **Masterkeyed** with more of the same product **and** with other products listed in the same group.

### Example:

A padlock in group **B** could be made to work from the same key as other products in group **B**.



## Security Features

- 1  **Protected Section**  
Products are available as an option on a patented key section.
- 2  **Drill Resistant**  
Hardened protection against drill attack.
- 3  **Saw Resistant**  
Hardened protection against saw attack.
- 4  **Force Resistant**  
Built in strength against force attack.
- 5  **Pick Resistant**  
Built in protection to resist picking.
- 6  **Torque Resistant**  
Built in strength against torque attack.
- 7  **Tamper Resistant**  
Built in protection against Tampering.
- 8  **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.
- 9  **Fire Resistant**  
Products conform to appropriate fire test requirements.
- 10  **Escape**  
Products for use on an escape door.
- 11  **Key Control**  
The products can be included in a key control system.
- 12  **Guarantee**  
Products are guaranteed for a period of time.



## Padlock Choice

- Choice of padlock is based upon specific application and the relative degree of risk associated with that location.
- These factors determine which type of open shackle padlock is required and whether a sprung or unsprung mechanism is preferred.

## Shackle Information

### Type

2 common types offering different clearances and therefore different security features and application opportunities.

### Diameter (D)

The shackle is the fixing point of the padlock and the diameter is critical to ensuring the right level of security is offered and the padlock is ideal for the application where it is going to be used.

### Clearance (C) (F)

(C) denotes vertical clearance.  
(F) denotes horizontal clearance.



*Union, simplifying the specification process*

## Features and Functions

### Shackle Materials



**Hardened Steel**



**Manganese Bronze**

### Body Materials



**Brass**

### Shackle Type



**Open**



**Close**



**Long**

### Key Retention =

When the padlock is open the key cannot be removed.

All Union padlocks are non key retaining.

### Rekeyable =

Padlock key combination can be changed by local dealer.

All Union padlocks are not rekeyable.

### Saw Resistant

Hardened steel shackle of not less than 8mm diameter.

### Corrosion Resistant

Successfully completed neutral salt spray test.

### Key Control

Products are Masterkeyable or able to be Keyed Alike.

### Guarantee

Guarantee period applicable when used with original Union Keys and maintenance instructions followed.



### Operating Mechanism

#### Locking



**Key**



**Snap**

**Ideal for Use with:** Hasps and Staples and Security Chains



# Padlocks



## Brass

**UNION** 3102 Series Page P5

**UNION** 3104 Series Page P5

**UNION** 3114 Series Page P6

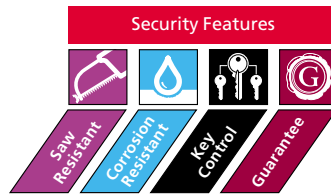
**UNION** 3122 Series Page P6

**UNION** 3142 Page P6

**UNION** 3152 Page P7

**UNION** 31022 Series Page P7

## UNION Padlocks



**UNION** Brass

<b>3102</b>	<b>1 1/2" (39.5mm)</b>	●	B	5
	<b>2" (52mm)</b>	●	B	5
	<b>2 1/2" (63.5mm)</b>	●	B	5
<b>3104</b>	<b>(34mm)</b>	●		5
<b>3114</b>	<b>(34mm)</b>	●	B	5
<b>3122</b>	<b>1 1/2" (39.5mm)</b>	●	B	5
	<b>2" (52mm)</b>	●	B	5
	<b>2 1/2" (63.5mm)</b>	●	B	5
<b>3142</b>	<b>(51mm)</b>	●	B	5
<b>3152</b>	<b>(51mm)</b>	●	B	5
<b>31022</b>	<b>(40mm)</b>	●	B	5

Specification				Shackle Material	
Shackle Type	Shackle Diameter	Shackle Clearance (Vertical)	Locking Mechanism	Hardened Steel	Manganese Bronze
Open	6.5mm	28.5mm / 33.5mm / 40mm	Snap		●
Open	8mm	33.5mm / 40mm / 46.5mm	Snap		●
Open	9.5mm	40mm / 46.5mm / 52.5mm	Snap		●
Open	5mm	22mm / 28.5mm / 31.5mm	Snap		●
Open	5mm	28.5mm / 31.5mm / 38mm	Snap		●
Open	6.5mm	28.5mm / 33.5mm / 40mm	Snap	●	
Open	8mm	33.5mm / 40mm / 46.5mm	Snap	●	
Open	9.5mm	40mm / 46.5mm / 52.5mm	Snap	●	
Close	8mm	23.5mm	Snap	●	
Close	8mm	23.5mm	Snap		●
Open	5mm	30mm / 33.5mm / 36.5mm / 39.5mm	Snap		●



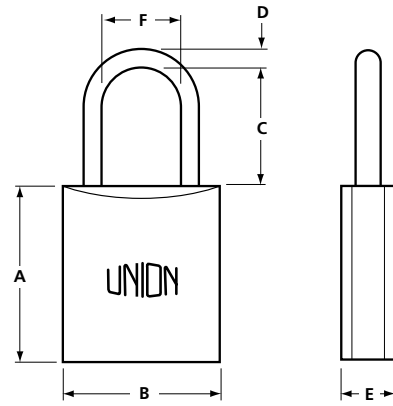
# Padlocks



## Brass

**UNION** 3102 · 310251 · 310252

- Open shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Manganese bronze shackle.

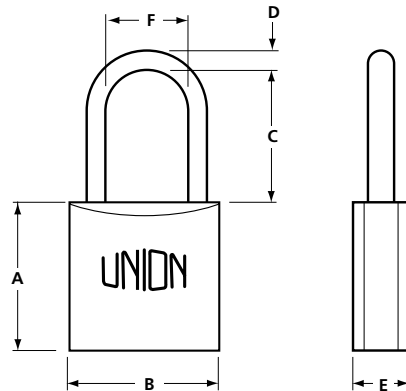


3102 (mm)	1.50"	2.0"	2.50"
A	46	46	46
B	39.5	52	63.5
C (3102)	28.5	33.5	40.0
C (310251)	33.5	40.0	46.5
C (310252)	40.0	46.5	52.5
D	6.5	8	9.5
E	19	20	23
F	19	28.5	36.5

## Brass

**UNION** 3104 · 310441 · 310442

- Open shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Manganese bronze shackle.



3104	(mm)
A	33.5
B	34
C (3104)	22
C (310441)	28.5
C (310442)	31.5
D	5
E	15
F	19



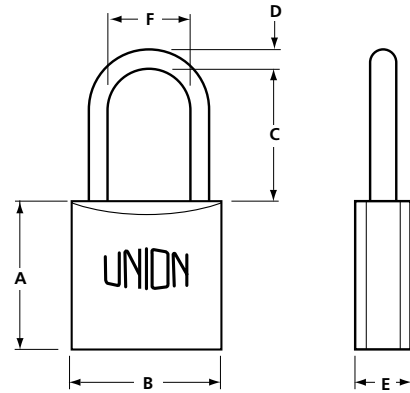
# Padlocks



## Brass

**UNION** 3114 · 311441 · 311442

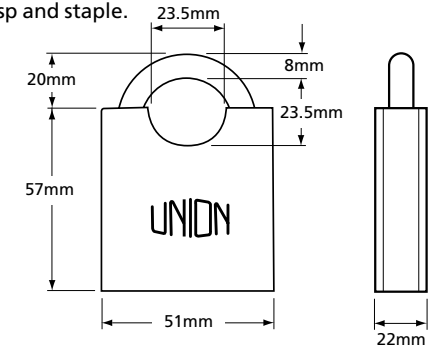
- Open shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Manganese bronze shackle.



3114	(mm)
A	36.5
B	34
C (3114)	28.5
C (311441)	31.5
C (311442)	38
D	5
E	15.5
F	19

**UNION** 3142

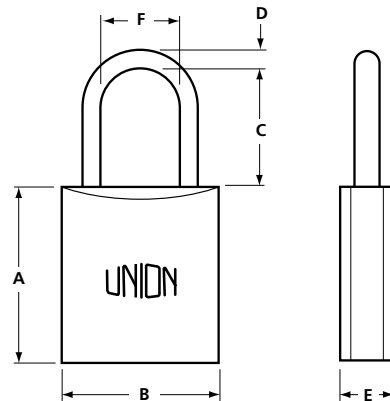
- Close shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Steel shackle.
- Suitable for use with 22mm diameter hasp and staple.



## Brass

**UNION** 3122 · 312251 · 312252

- Open shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Steel shackle .



3122 (mm)	1.50"	2.0"	2.50"
A	46	46	46
B	39.5	52	63.5
C (3122)	28.5	33.5	40.0
C (312251)	33.5	40.0	46.5
C (312252)	40.0	46.5	52.5
D	6.5	8	9.5
E	19	20	23
F	19	28.5	36.5





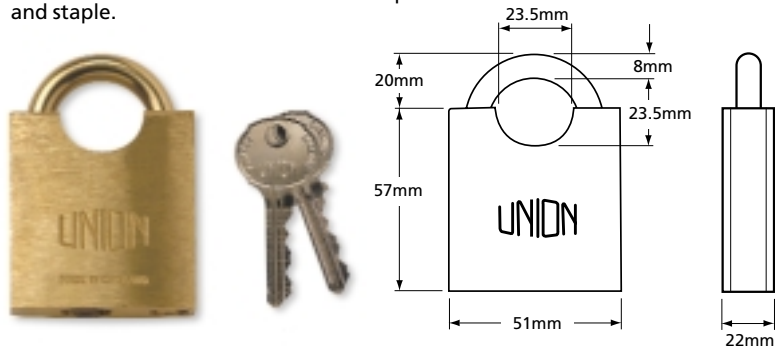
# Padlocks



## Brass

**UNION** 3152

- Close shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Manganese bronze shackle.
- Suitable for use with 22mm diameter hasp and staple.



## Brass

**UNION** 31022 · 310221 · 310222 · 310223

- Open shackle brass padlock for general applications.
- Snaplocking, key to unlock.
- Non -key retaining.
- Manganese bronze shackle.



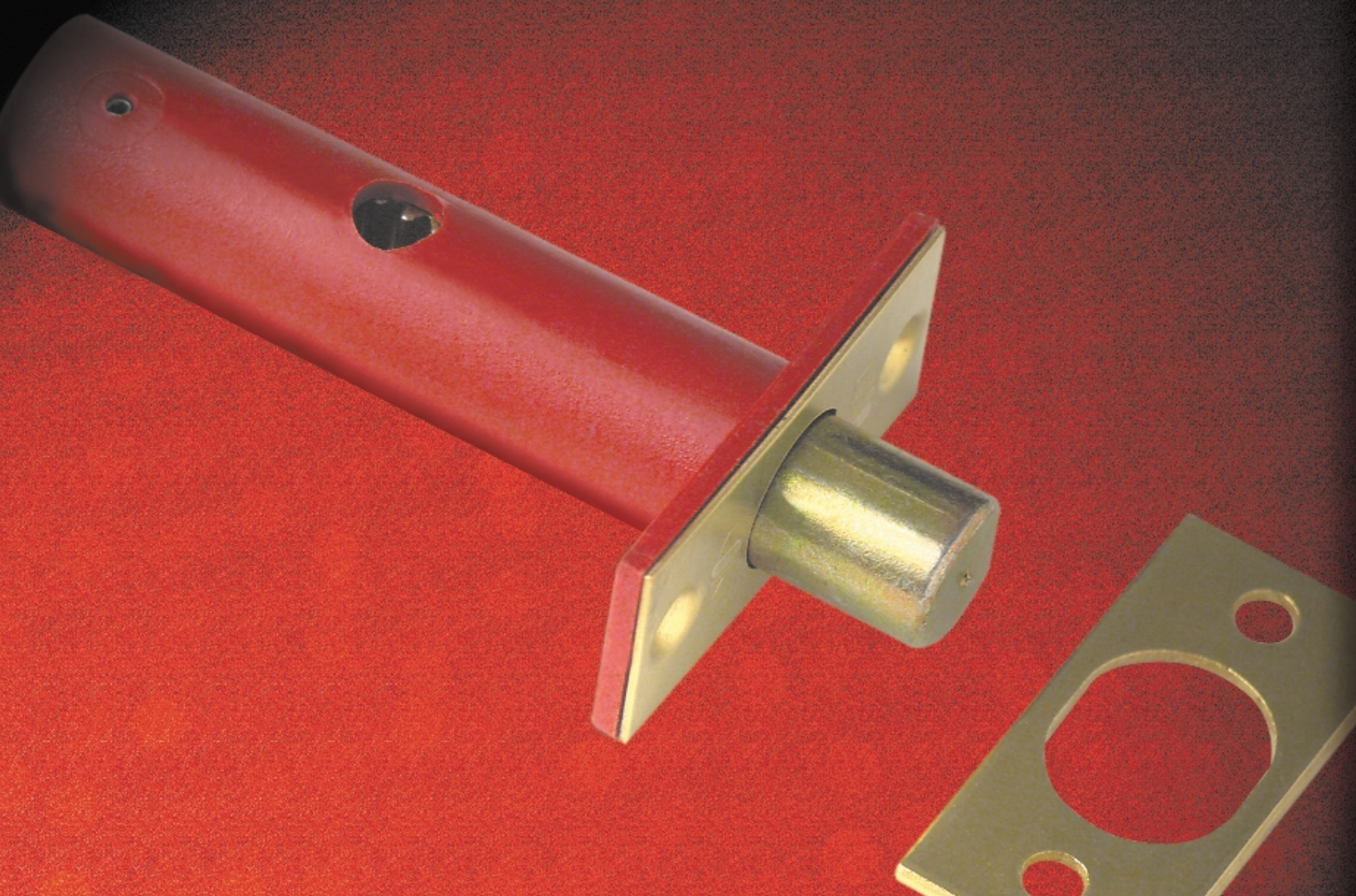
310222	(mm)
A	46
B	40
C (310222)	30
C (310221)	33.5
C (310222)	36.5
C (310223)	39.5
D	5
E	19
F	20.5



## Notes

**UNION**

Blank lined area for notes.



Secondary Security

- Locks for Windows
- Security Fittings for Doors

Secondary Security

**UNION**<sup>®</sup>

## Secondary Security Index

- [Introduction](#) SS2
- [Features and Functions](#) SS3
- [Photo Gallery](#) SS4
- [Range Table](#) SS4
- [Window Security](#) SS5
- [Door Security](#) SS6
- [Notes](#) SS7

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union have a range of high quality secondary security products to improve the security on doors and windows.

Products are available to provide additional security on wooden or metal framed, hinged or sliding windows.

Additional security fittings for all types of doors are available in the Union range. They are suitable for most types of hinged or sliding doors.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## How to Specify


Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features. These will give confidence when specifying and ensure that the right products are used on the right application.

**Example:** If you require a door lock that is Tamper Resistant look for the screwdriver icon (7) in the range table.

*Union, Simplifying the Specification Process.*

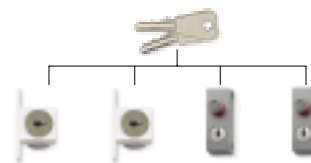
## Keying Groups

Throughout the catalogue you will see a column headed.  **Key Control**

The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

Many products in the Union Secondary Security Range have the same keying mechanism and so can be conveniently operated from a single key. Locks offering this option will either have a universal key operation OR a group code reference which matches it to other products in the same group - eg. the 7124 is a unique key in key control group F, so it could be keyed alike to any other product in group F, like the 7200.

For the complete list of Union product keying groups, see the chart in the introduction section.



## Keys

Products are available with or without keys.

See the price list for details.



## Trade and Multi Pack Options

Various pack sizes and formats are available, see the price list for details.

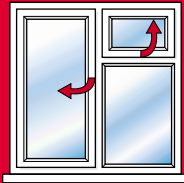
## Security Features

- 1  **Protected Section**  
Products are available as an option on a patented key section.
- 2  **Drill Resistant**  
Hardened protection against drill attack.
- 3  **Saw Resistant**  
Hardened protection against saw attack.
- 4  **Force Resistant**  
Built in strength against force attack.
- 5  **Pick Resistant**  
Built in protection to resist picking.
- 6  **Torque Resistant**  
Built in strength against torque attack.
- 7  **Tamper Resistant**  
Built in protection against tampering.
- 8  **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.
- 9  **Fire Resistant**  
Products conform to appropriate fire test requirements.
- 10  **Escape**  
Products for use on an escape door.
- 11  **Key Control**  
The products can be included in a key control system.
- 12  **Guarantee**  
Products are guaranteed for a period of time.

## Window Types

### Materials

- T Timber
- M Metal
- P PVCu

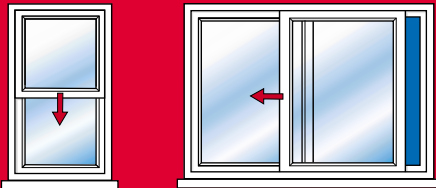


**Hinged Casement Windows**

### Sliding Sash Windows

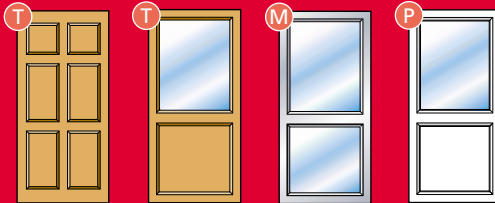
#### Narrow Frame

Many Union locks have a body of 20mm or less and are therefore suitable for a narrow frame

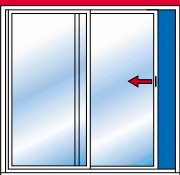


## What Type of Door ?

A range of security devices for both, exterior and interior glass panelled or solid doors.



### Sliding Patio Doors



#### Door Types

- T Timber
- M Metal
- P PVCu

## Features and Functions



**Tamper Resistant**  
Concealed fixings.

**Key Control**  
It is possible to make locks in the same keying group work from the same key.

**Guarantee**  
Guarantee period applicable when used with original Union Keys and maintenance instructions followed.

### Unlocked Indicator

Some products have a method of showing whether the lock is in the locked or unlocked position.



### Wedge

For tapered frames a wedge is supplied to square up the lock to the window section.



### Universal or Unique Key

**Universal key** means there is one standard key that works the lock.

**Unique Key** means that variations of the key shape provide a different number of keys to the lock.



**Finishes:** Brass White Satin Chrome

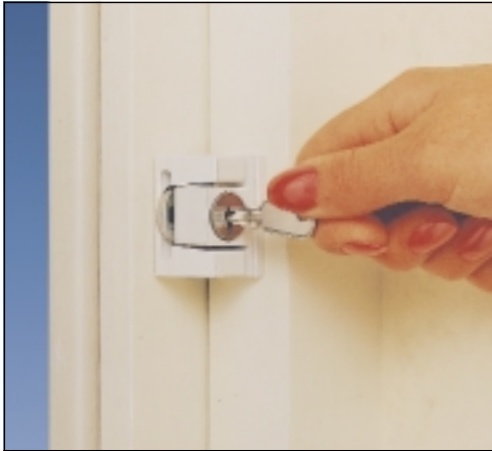
**Additional Security:** Where mortice bolts are used, 2 per door are recommended to help against a force attack. ▼



# Secondary Security



## Window Security



**UNION** 7124 Page SS5



**UNION** 7126 Page SS5

## Door Security



**UNION** 7200 Page SS6



**UNION** 8601 Page SS6

## UNION Secondary Security



### Security Features

Features/Functions			
Universal/Unique Key	Locking Method	Other Features	Fitting Aids Supplied
Unique	●		WEDGE
Universal	●		
Unique		● UI	
Universal	●		

### Door/Window Specification

Door Material	Window Material	Suited to Narrow Frame
	T	●
	T	●
M		●
T		

### Case Finishes

Brass	White	Satin Chrome
	●	
●	●	
		●
●	●	

### UNION Secondary Security for Windows

**7124 Window Lock**

● F 10

**7126 Window Lock**

10

### UNION Secondary Security for Doors

**7200 Indicator Lock**

F 10

**8601 Door Bolt**

● 10

Key: Other Features: UI = Unlocked Indicator.

## Window Security

### UNION 7124 Window Lock

- Surface fixed lock which locks with the turn of the key. Lock is mounted on the fixed frame.



## Window Security

### UNION 7126 Window Lock

- Lock is surface fixed onto the window section and is locked into the striking plate on the fixed frame by use of the key.
- Simple and cost effective.

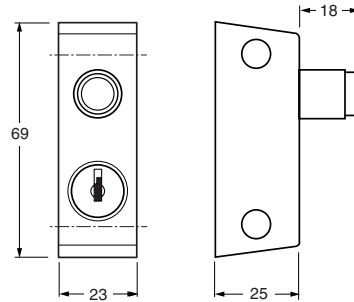
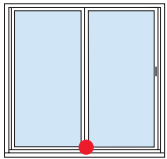


		7124	7126	
<b>Security Features</b>				
Tamper Resistant		•		
Key Control		F		
Guarantee		10	10	
<b>Features/Functions</b>				
Universal/Unique Key		Unique	Universal	
Locking Method	Key	•	•	
	Manual			
<b>Other Features</b>				
Fitting Aids Supplied		WEDGE		
<b>Window Specification</b>				
Window Material		T	T	
Suited to Narrow Frame		•	•	
<b>Case Finishes</b>				
Brass			•	
White		•	•	
Satin Chrome				

## Door Security

### UNION 7200 Indicator Lock

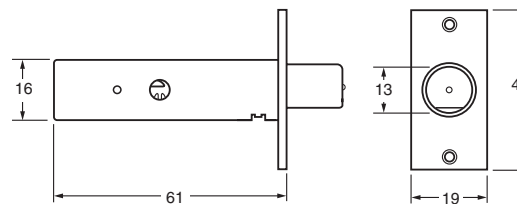
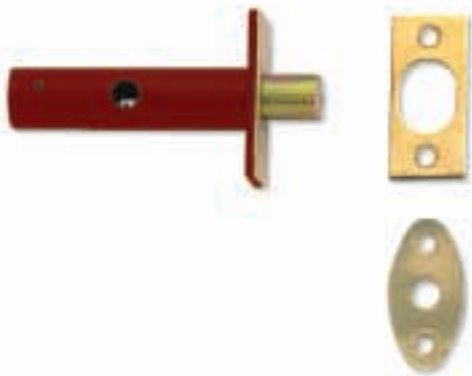
- Suitable for securing single or double aluminium sliding doors.
- Simple push to lock action.
- A key differing mechanism releases the lock.



## Door Security

### UNION 8601 Door Bolt

- Mortice fixing with bolt throwing into the frame.
- Lock is invisible from outside of door.



		7200	8601	8L44
<b>Security Features</b>				
	<b>Tamper Resistant</b>		•	✓
	<b>Key Control</b>	F		
	<b>Guarantee</b>	10	10	✓
<b>Features/Functions</b>				
Universal/Unique Key		Unique	Universal	
Locking Method	Key		•	
	Manual	•		•
Other Features		Unlocked Indicator		
Fitting Aids Supplied				
<b>Door Specification</b>				
Door Material		M	T	T
Suited to Narrow Frame		•		
<b>Case Finishes</b>				
			•	
		•	•	
		•		

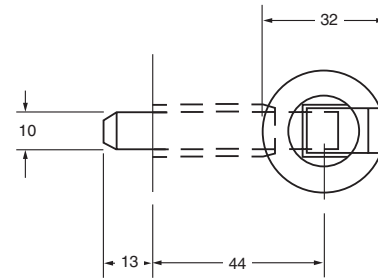
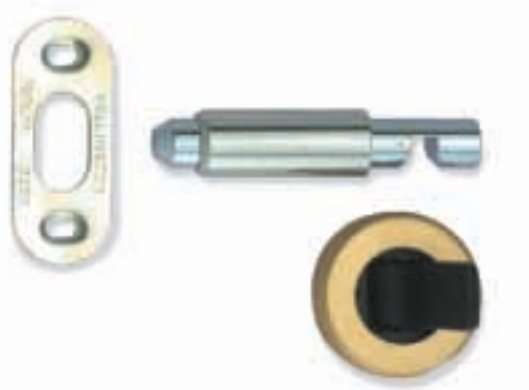
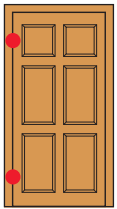
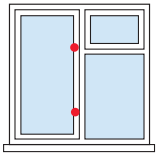


## Door Security



### 8L44 Mortice Bolt

- Used horizontally it is suitable for all doors and most wood windows.
- Lock is invisible from outside of door.



7200

8601

8L44

#### Case Finishes

Silver Anodised

Gold Anodised



## Notes





Access Control

- Solenoid Locks
- Electric Strikes
- Magnetic Locks
- Readers
- Accessories

Access Control





# Access Control



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*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offers a very comprehensive range of Access Control products. They cover readers and locks, which together open up many options for electronically controlling peoples access.

Keypads, Cardswipes and Proximity readers offer methods of entry control which require people to punch in an access code, swipe a reader card or offer up a proximity card or tag.

The locks are solenoid bolts that automatically withdraw the bolt and electric strikes which allow the release of a mortice or rim locks' bolt from the frame.

Magnetic locks use magnetic force to lock the door.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it meets a particular standard or approval.

In addition you can now ask for specific security features to be included in the product you specify.

**Example:** If you require a keypad reader that has tamper resistance look for the screw driver icon (number 7) in the range.

*Union, Simplifying the Specification Process.*

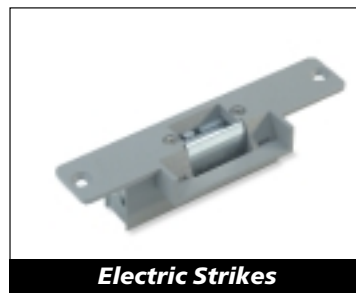
## Standards & Approvals



The application of the CE mark is currently restricted to products covered by the low voltage and EMC Directives.



**Solenoid Locks**



**Electric Strikes**



**Magnetic Locks**





**Readers**



**Accessories**

## Security Features

- 1  **Protected Section**  
   Products are available as an option on a patented key section.
- 2  **Drill Resistant**  
   Hardened protection against drill attack.
- 3  **Saw Resistant**  
   Hardened protection against saw attack.
- 4  **Force Resistant**  
   Built in strength against force attack.
- 5  **Pick Resistant**  
   Built in protection to resist picking.
- 6  **Torque Resistant**  
   Built in strength against torque attack.
- 7  **Tamper Resistant**  
   Built in protection against Tampering.
- 8  **Corrosion Resistant**  
   Products conform to appropriate anti-corrosion requirements.
- 9  **Fire Resistant**  
   Products conform to appropriate fire test requirements.
- 10  **Escape**  
   Products for use on an escape door.
- 11  **Key Control**  
   The products can be included in a key control system.
- 12  **Guarantee**  
   Products are guaranteed for a period of time.

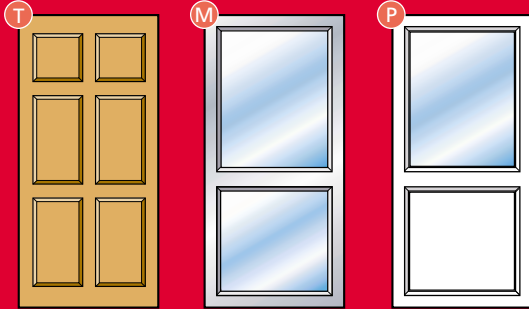


# Access Control - Solenoid Locks



## What Type of Door ?

- A comprehensive range of locks for both exterior and interior doors.



### Door Types

- T** Solid Timber
- M** Metal
- P** PVCu

- Variants available for outward opening doors.

## What is Backset?

- This is the measurement from the edge of the door to the centre of the keyhole.



Backset — Edge of door

## Features and Functions

### Auto Re-Lock

If the door is in the closed position and has not been opened after an open command the bolt will automatically re-lock.

### Input Voltage

All Union solenoid bolts operate on a 12Vdc power supply.



Products carrying the CE mark comply to the requirements of the CE regulations.



**Corrosion Resistant**  
Successfully completed a 96 hour salt spray test.



**Escape**  
The fail Unlocked version of this lock is ideal for use on escape doors if used with a micro switched panic bar.



**Guarantee**  
Guarantee period applicable when used with original Union Cylinders and maintenance instructions followed.

### Power Failure Mode

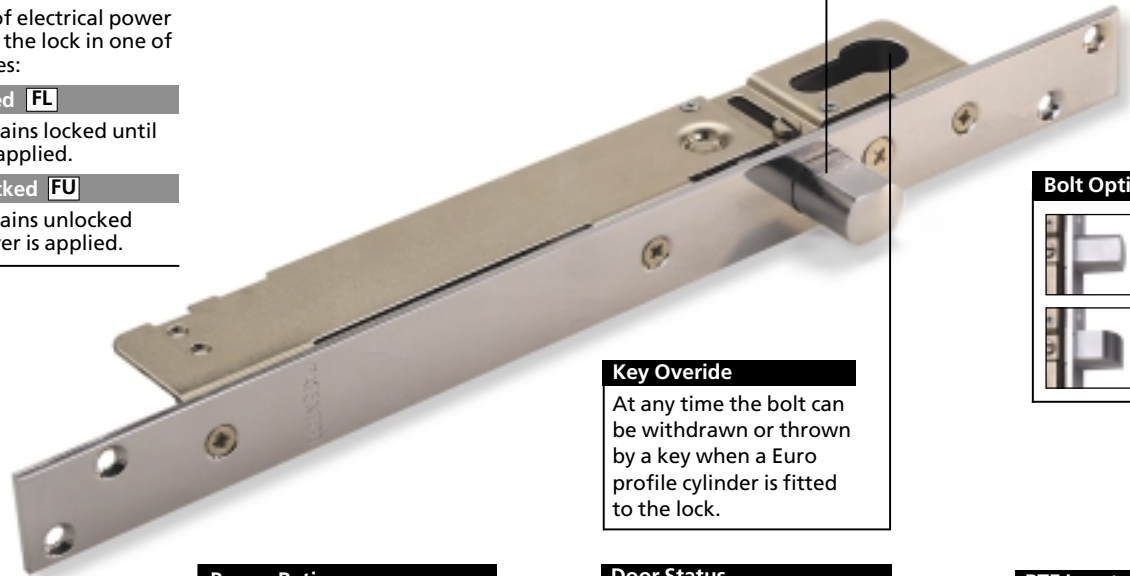
Any loss of electrical power will leave the lock in one of two modes:

#### Fail Locked **FL**

Door remains locked until power is applied.

#### Fail Unlocked **FU**

Door remains unlocked until power is applied.



### Bolt Options



**DB**  
Deadbolt



**LB**  
Latchbolt

### Key Override

At any time the bolt can be withdrawn or thrown by a key when a Euro profile cylinder is fitted to the lock.

### Power Rating

The lock is continuously rated allowing the lock to be held in the constantly open position.

### Door Status

Built in Magnetic contact senses the door open / closed status for bolt re-locking.

### RTE Input

A Request To Exit switch can be connected to the controller.

Finish: Chrome

Ideal for Use with: Keypad / Cardswipe / Proximity Readers.



# Access Control - Solenoid Locks



## Solenoid Bolts



**UNION** USDB100 • USDB100U

Page AC5



**UNION** USLB200

Page AC5

## Power Supply



**UNION** UPS3

Page AC21

## UNION Access Control

### Solenoid Locks

<b>UNION</b> USDB100 Mort. Solenoid D/Bolt	●	●	●	1	22	●	12/24Vdc	3A/1.8A	250mA	C	●	1 Sec.	●	●	FL	35mm	22mm	25mm	25mm	●
<b>UNION</b> USDB100U Mort. Solenoid D/Bolt	●	●	●	1	22	●	12/24Vdc	3A/1.8A	250mA	C	●	1 Sec.	●	●	FU	35mm	22mm	25mm	25mm	●
<b>UNION</b> USLB200 Mort. Solenoid L/Bolt	●	●	●	1	16.5	●	12/24Vdc	3A/1.8A	250mA	C	●	6 Sec.	●	●	FL	35mm	22mm	25mm	25mm	●

Key: FL = Fail Locked FU = Fail Unlocked C = Constant

Standards	Security Features			Features / Functions											Door Features				Finish Options		
	CE	Corrosion Resistant	Escape	Guarantee	Bolt Throw (mm)	RTE Input	Input Voltage	Current Consumption Peak	Consumption Holding	Power Rating	Open Signal Input	Automatic Re-Locking	Key Override	Monitored Bolt	Power Failure Mode	Other Features	Case Depth	Case Width	Face Plate Width	Backset	Chrome
●	●	●	●	1	22	●	12/24Vdc	3A/1.8A	250mA	C	●	1 Sec.	●	●	FL		35mm	22mm	25mm	25mm	●
●	●	●	●	1	22	●	12/24Vdc	3A/1.8A	250mA	C	●	1 Sec.	●	●	FU		35mm	22mm	25mm	25mm	●
●	●	●	●	1	16.5	●	12/24Vdc	3A/1.8A	250mA	C	●	6 Sec.	●	●	FL		35mm	22mm	25mm	25mm	●

### UNION Power Supply

<b>UNION</b> UPS3 Power Supply	●	5	240Vac	12Vdc	BBF	3A	80mm	250mm	215mm	●
--------------------------------	---	---	--------	-------	-----	----	------	-------	-------	---

Key: BBF = Battery Backup Function

Standards	Security Features	Features / Functions							Door Features			Finish Options
CE	Guarantee	Input Voltage	Output Voltage	Other Features	Current Output				Case Depth	Case Width	Case Height	White
●	5	240Vac	12Vdc	BBF	3A				80mm	250mm	215mm	●



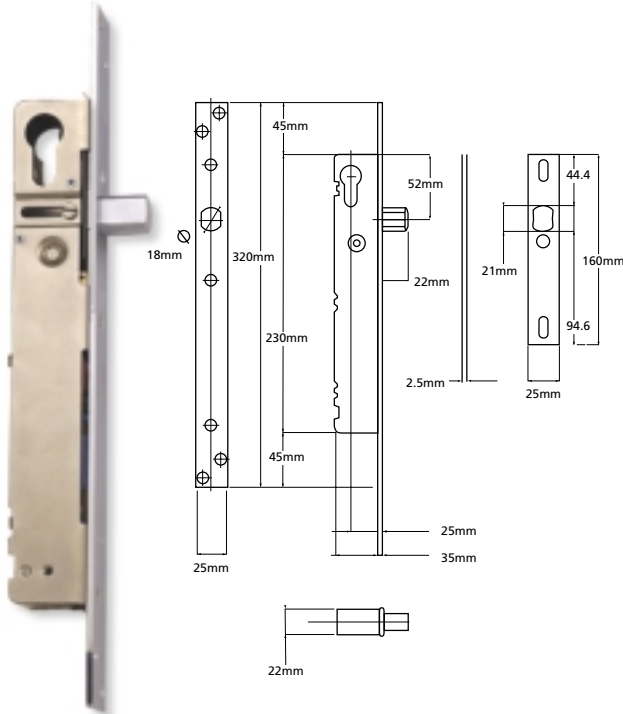
# Access Control - Solenoid Locks



## Solenoid Locks

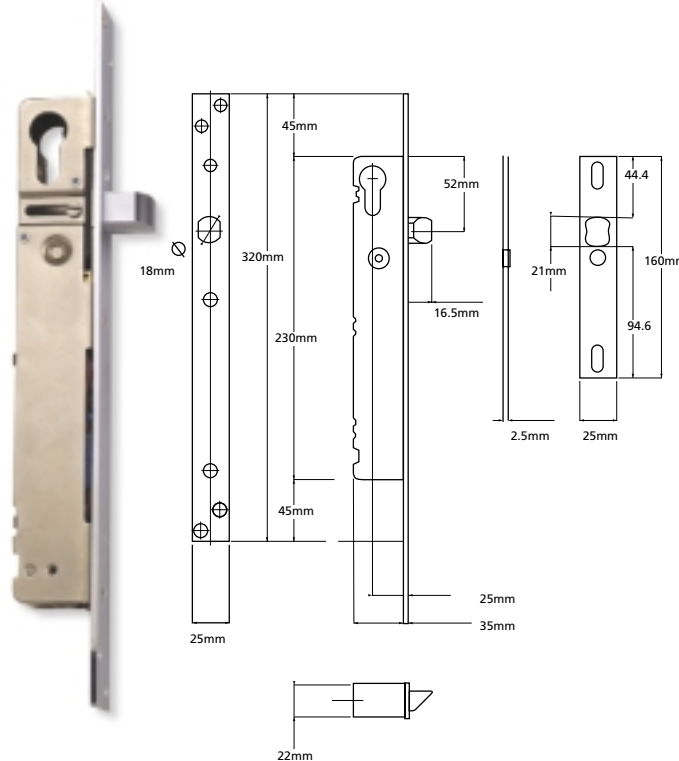
### UNION USDB100 • USDB100U Mortice Solenoid Deadbolt

- For use on a single door where bolt release is to be electronically controlled.
- Narrow style lock case.
- Connection to an access control reader device, such as a keypad, for external operation.
- Connection to a request to exit button for internal operation.
- **USDB100** - Fail Locked.
- **USDB100U** - Fail Unlocked.



### UNION USLB200 Mortice Solenoid Latch Bolt

- For use on a single door where bolt release is to be electronically controlled.
- Narrow style lock case.
- Connection to an access control reader device, such as a keypad, for external operation.
- Connection to a request to exit button for internal operation.
- Fail Locked.



	USDB100	USDB100U	USLB200
<b>Standards</b>			
CE	•	•	•
<b>Security Features</b>			
Corrosion Resistant	•	•	•
Escape		•	
Guarantee	1	1	1
<b>Features/Functions</b>			
Bolt Throw (mm)	20	20	18
RTE Input	•	•	•
Input Voltage	12/24Vdc	12/24Vdc	12/24Vdc
Current Consumption	Peak	3A/1.8A	3A/1.8A
	Holding	250mA	250mA
Power Rating	C	C	C
Open Signal Input	•	•	•
Automatic Re-Locking	1 Sec.	1 Sec.	6 Sec.
Key Override	•	•	•
Monitored Bolt	•	•	•
Power Failure Mode	FL	FU	FL
<b>Other Features</b>			
<b>Door Features</b>			
Case Depth (mm)	35	35	35
Case Width (mm)	22	22	22
Face Plate Width (mm)	25	25	25
Backset (mm)	25	25	25
<b>Finish Options</b>			
Chrome	•	•	•

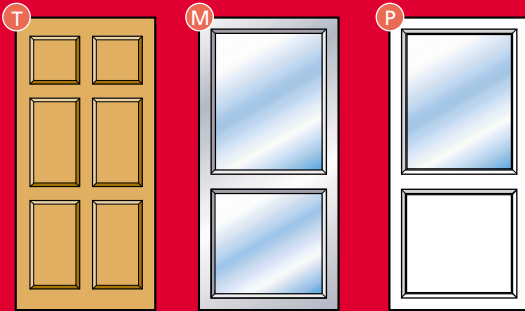


# Access Control - Electric Strikes



## What Type of Door ?

- A comprehensive range of strikes for both exterior and interior doors.

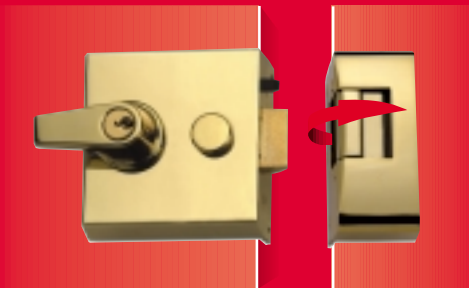


### Door Types

- T** Solid Timber
- M** Metal
- P** PVCu

## Operation

- When the strike is released it allows the door to be pushed, forcing the bolt of the strike to open.



## Features and Functions

### Holding Force

A measurement is given (kg) for the amount of side load an electric strike will take and hold the door locked.

### Input Voltage

All Union strikes operate on a 12Vdc power supply.



Products carrying the CE mark comply to the requirements of the CE regulations.

### Release Operation

Connection of a reader, such as a keypad, allows the strike to be released on entry.

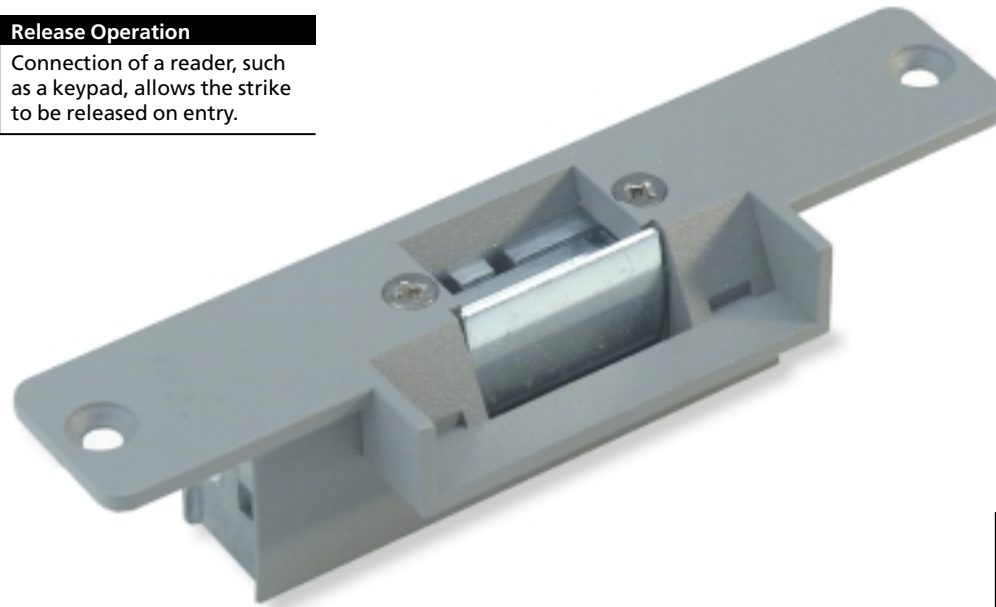
**Force Resistant**  
Strong bolt design provides resistance to side load force.

**Tamper Resistant**  
When the door is locked, all fixings are hidden.

**Corrosion Resistant**  
Successfully completed a 96hour salt spray test.

**Escape**  
The fail Unlocked version of this strike is ideal for use on escape doors if used with a micro switched panic bar.

**Guarantee**  
Guarantee period applicable when Union maintenance instructions are followed.



### Power Rating

The strike is continuously rated allowing it to be held in the constantly open position.

### Power Failure Mode

Any loss of electrical power will leave the strike in one of two modes:

**Fail Locked FL**  
Door remains locked until power is applied.

**Fail Unlocked FU**  
Door remains unlocked until power is applied.

### Handing

All Union strikes are reversible to suit either left or right handed doors.

Finishes: Dark Metallic Grey Brass

IDEAL FOR USE WITH: Mortice Locks, Rim Locks, Keypad / Cardswipe / Proximity Readers



# Access Control - Electric Strikes



## Electric Strikes



**UNION** UMES400 • UMES400U Page AC8



**UNION** URES100 • URES100U Page AC8

**UNION**  
Access Control

**UNION** Electric Strikes

<i>UMES400 Mort. Electric Strike</i>	•	•	•	•	•	•	1	12/24Vdc	300mA	300mA	C	•	400kg	FL	REV	•	•	
<i>UMES400U Mort. Electric Strike</i>	•	•	•	•	•	•	1	12/24Vdc	300mA	300mA	C	•	400kg	FU	REV	•	•	
<i>URES100 Rim Electric Strike</i>	•	•	•	•	•	•	1	12/24Vdc	300mA	300mA	C	•	380kg	FL	REV	•	•	•
<i>URES100U Rim Electric Strike</i>	•	•	•	•	•	•	1	12/24Vdc	300mA	300mA	C	•	380kg	FU	REV	•	•	•

Standards	Security Features						Features / Functions							Door Features		Finish Options		
	CE	Force Resistant	Tamper Resistant	Corrosion Resistant	Escape	Guarantee	Input Voltage	Current Peak	Consumption Holding	Power Rating	Open Signal Input	Holding Force	Power Failure Mode	Other Features	Handing	Inward Opening	DMG	Brass
•	•	•	•	•	•	•	12/24Vdc	300mA	300mA	C	•	400kg	FL		REV	•	•	
•	•	•	•	•	•	•	12/24Vdc	300mA	300mA	C	•	400kg	FU		REV	•	•	
•	•	•	•	•	•	•	12/24Vdc	300mA	300mA	C	•	380kg	FL		REV	•	•	•
•	•	•	•	•	•	•	12/24Vdc	300mA	300mA	C	•	380kg	FU		REV	•	•	•

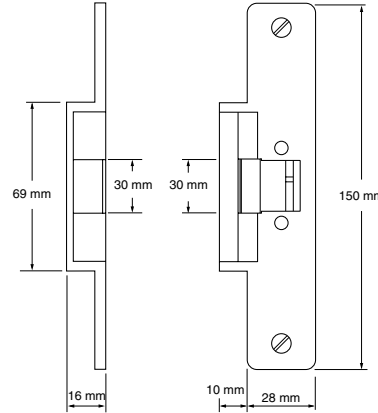
Key: FL = Fail Locked FU = Fail Unlocked REV = Reversible Handing C = Constant



## Electric Mortice Strikes

### UNION UMES400 • UMES400U

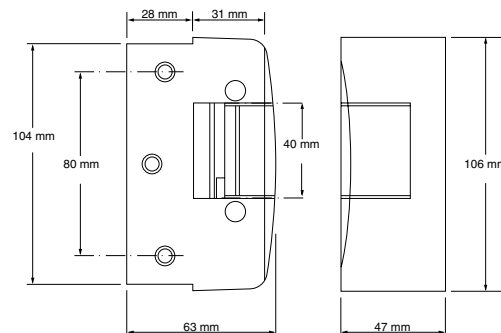
- For use with a mortice latch.
- Continuously rated.
- For inward opening door applications.
- Metal shroud around release latch for tidy installation.
- **UMES400** - Fail Locked.
- **UMES400U** - Fail Unlocked.



## Electric Rim Strikes

### UNION URES100 • URES100U

- For use with a rim nightlatch.
- Continuously rated.
- For inward opening door applications.
- **URES100** - Fail Locked.
- **URES100U** - Fail Unlocked.



### UMES400 UMES400U URES100 URES100U

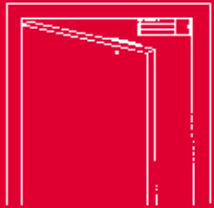
Standards				
CE	•	•	•	•
Security Features				
Force Resistant	•	•	•	•
Tamper Resistant	•	•	•	•
Corrosion Resistant	•	•	•	•
Escape		•		•
Guarantee	1	1	1	1
Features/Functions				
Input Voltage	12Vdc	12Vdc	12Vdc	12Vdc
Current Consumption	Peak	300mA	300mA	300mA
	Holding	300mA	300mA	300mA
Power Rating	C	C	C	C
Open Signal Input	•	•	•	•
Automatic Locking	1 Sec	1 Sec	1 Sec	1 Sec
Side Load Force Resistance	400kg	400kg	380kg	380kg
Power Failure Mode	FL	FU	FL	FU
Other Features	REV	REV	REV	REV
Door Features				
Handing	REV	REV	REV	REV
Inward Opening	•	•	•	•
Finishes				
DMG				
Brass				



# Access Control - Magnetic Locks



## Door Types



Single Door



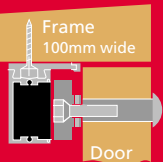
Single Door with Full Width Housing



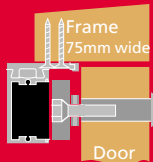
Double Door

## Installation Options

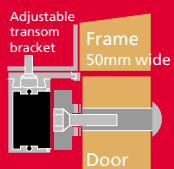
Outward Opening



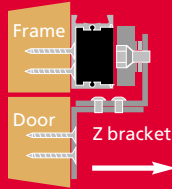
Outward Opening



Outward Opening



Inward Opening



## Features and Functions

### Fixing Types

#### Surface Mount

Magnet is fixed to the door transom.

#### Flush Mount

Magnet is morticed into the door and frame or transom.

### Input Voltage

**Single voltage** units accept a 12Vdc power supply.

**Dual voltage** units accept either a 12Vdc or 24Vdc power supply.



Products carrying the CE mark comply to the requirements of the CE regulations.



**Corrosion Resistant**  
Successfully completed a 96hr salt spray test.



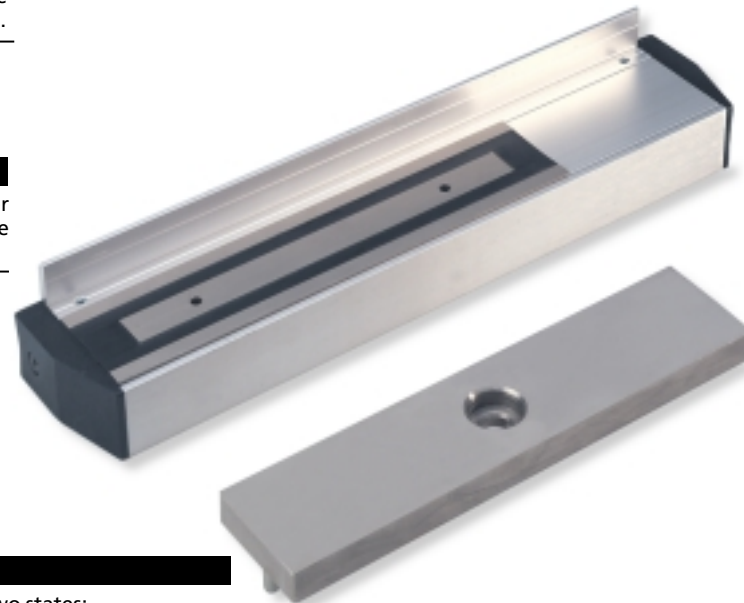
**Escape**  
The Magnetic Locks are ideal for use on escape doors if used with a micro switched panic bar.



**Guarantee**  
Guarantee period applicable when Union maintenance instructions are followed.

### Power Failure Mode

Any loss of electrical power will leave the magnet in the fail unlocked state.



### Fixing Brackets

A range of brackets and accessories are available to suit most applications.

**Z & L Brackets** for inward opening applications.



### Monitoring

Magnets are available in two states:

#### Monitored **M**

A 2 wire output from a 24v, 1amp volt free change over contact allows a signal to be sent to a relay or control device to show that the magnet is in the fully locked or unlocked state (hall effect).

#### Unmonitored **U**

No signal is available to show the status of magnet.

### Holding Force

A measurement is given (in kgs) for the amount of direct force a magnetic lock will take and hold the door locked.

**Finishes:** Satin Silver Anodised

**IDEAL FOR USE WITH:** Keypad / Cardswipe / Proximity Readers

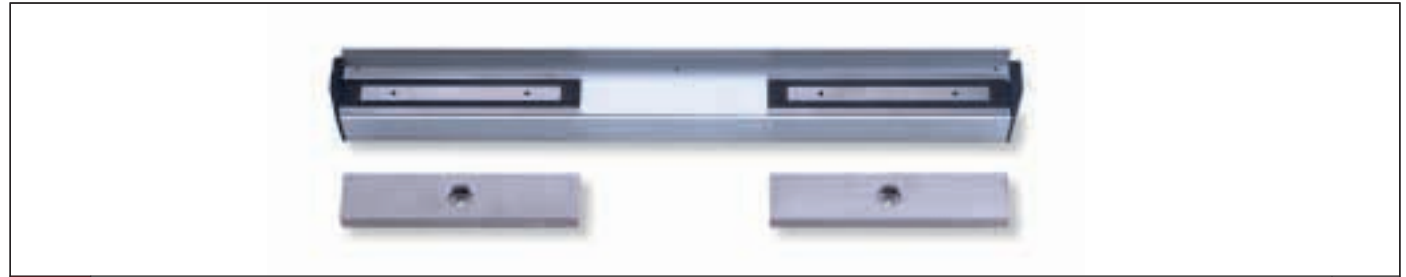


## Magnetic Locks - Surface Mounted



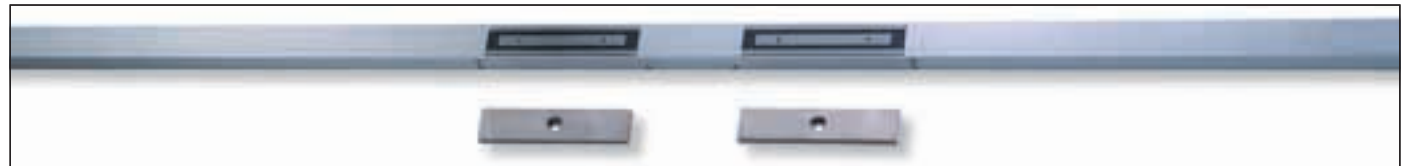
**UNION** UM1SSU • UM1SSM

Page AC12



**UNION** UM1DSU • UM1DSM

Page AC12



**UNION** UM2DSU-2M • UM2DSM-2M

Page AC12

## Magnetic Locks - Surface Mounted



**UNION** UM2SSU-1M • UM2SSM-1M

Page AC13



**UNION** UM3SSU • UM3SSM

Page AC13

## Shear Locks - Flush Mounted



**UNION** UM4SSM • UM4SFM

Page AC13



# Access Control - Magnetic Locks



**UNION**  
Access Control

**UNION** Magnetic Locks

	Standards	Security Features			Features / Functions						Door Features			Finish Options	
		CE	Corrosion Resistant	Escape	Guarantee	Holding Force (kg)	Monitoring Type Monitored    Unmonitored	Input Voltage	Current Consumption (Per Coil) Peak                      Holding		Power Failure Mode	Fixing Type Surface    Flush	Case		Case Length
<i>UM1SSU1M Single Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	280mm	33mm	44mm	●
<i>UM1SSM Single Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	280mm	33mm	44mm	●
<i>UM1DSU2M Double Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	540mm	33mm	44mm	●
<i>UM1DSM Double Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	540mm	33mm	44mm	●
<i>UM2SSU-1M Single Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	1000mm	33mm	44mm	●
<i>UM2SSM-1M Single Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	2000mm	33mm	44mm	●
<i>UM2DSU-2M Double Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	2000mm	33mm	44mm	●
<i>UM2DSM-2M Double Magnet</i>	●	●	●	5	Up to 310	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	2000mm	33mm	44mm	●
<i>UM3SSU Single Magnet</i>	●	●	●	5	Up to 630	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	267mm	73mm	40mm	●
<i>UM3SSM Single Magnet</i>	●	●	●	5	Up to 630	●	12Vdc/24Vdc	250mA/500mA	250mA/500mA	FU	●	267mm	73mm	40mm	●
<i>UM4SFM Single Shear Magnet</i>	●	●	●	5	Up to 1000	●	12Vdc/24Vdc	900mA/1200mA	450mA/280mA	FU	●	180mm	30mm	25mm	●
<i>UM4SSM Single Shear Magnet</i>	●	●	●	5	Up to 1000	●	12Vdc/24Vdc	900mA/1200mA	450mA/280mA	FU	●	180mm	30mm	25mm	●

Key: FU = Fail Unlocked



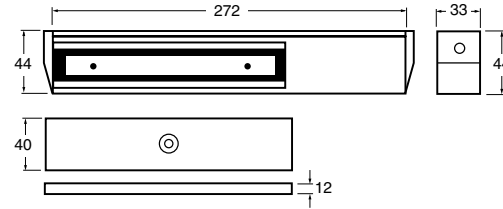
# Access Control - Magnetic Locks



## Magnetic Locks - Surface Mounted

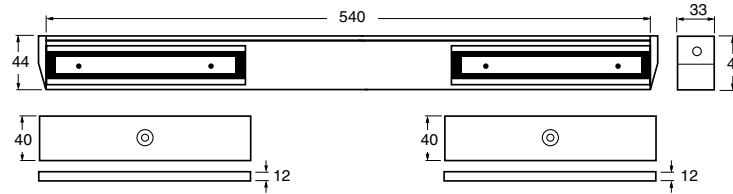
### UNION UM1SSU • UM1SSM

- For use on single doors.
- Surface mount (super mini) design.
- Variable cable entry position.
- Suits Inward and outward opening doors.
- Dual voltage capability.
- **UM1SSU** - Unmonitored.
- **UM1SSM** - Monitored.



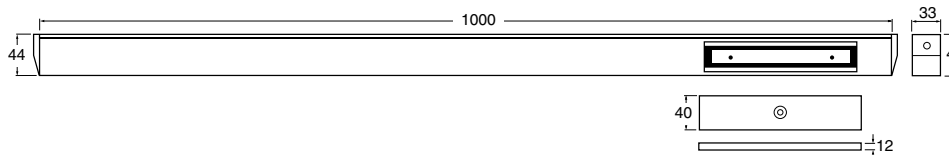
### UNION UM1DSU • UM1DSM

- For use on double doors.
- Surface mount (super mini) design.
- Variable cable entry position.
- Suits Inward and outward opening doors.
- Dual voltage capability.
- **UM1DSU** - Unmonitored.
- **UM1DSM** - Monitored.



### UNION UM2SSU-1M • UM2SSM-1M

- For use on single doors.
- Surface mount (super slim) design.
- 1m housing length for full door width fitting.
- Suits Inward and outward opening doors.
- **UM2SSU** - Unmonitored.
- **UM2SSM** - Monitored.



	UM1SSU/M	UM1DSU/M	UM2SSU-1M/M
<b>Standards</b>			
CE	•	•	•
<b>Security Features</b>			
Corrosion Resistant	•	•	•
Escape	•	•	•
Guarantee	5	5	5
<b>Features/Functions</b>			
Holding Force (kg)	Up to 310	Up to 310	Up to 310
Monitoring Type	Monitored	•	•
	Unmonitored	•	•
Input Voltage	12Vdc/24Vdc	12Vdc/24Vdc	12Vdc/24Vdc
Current Consumption (Per Coil)	Peak	250mA/500mA	250mA/500mA
	Holding	250mA/500mA	250mA/500mA
Power Failure Mode	FU	FU	FU
<b>Other Features</b>			
<b>Door Features</b>			
Surface	•	•	•
Flush			
Case Length (mm)	280	540	1000
Case Height (mm)	33	33	33
Case Depth (mm)	44	44	44
<b>Finish Options</b>			
Satin Silver Anodised	•	•	•



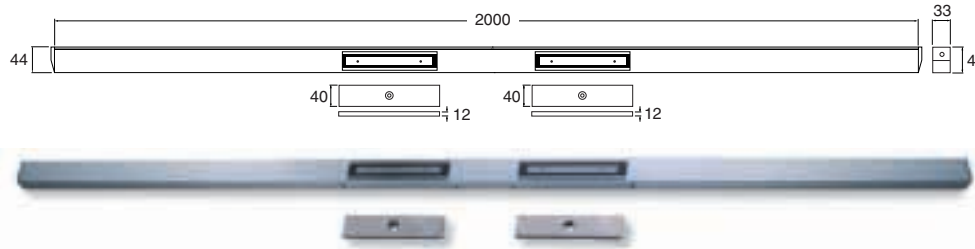
# Access Control - Magnetic Locks



## Magnetic Locks - Surface Mounted

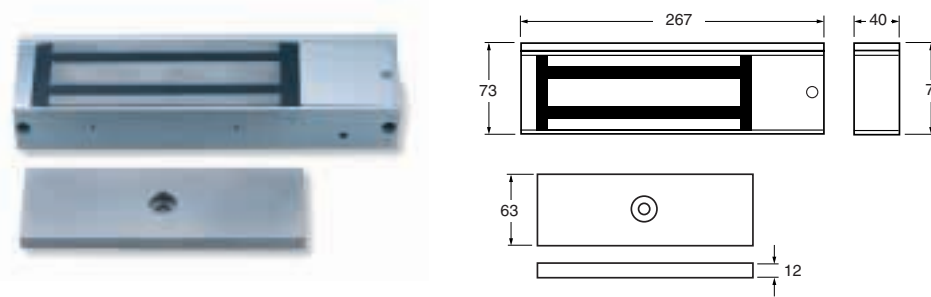
### UNION UM2DSU-2M • UM2DSM-2M

- For use on double doors.
- Surface mount (super slim) design.
- 2m housing length for full door width fitting.
- Suits Inward and outward opening doors.
- **UM2DSU-2M** - Unmonitored.
- **UM2DSM-2M** - Monitored.



### UNION UM3SSU • UM3SSM

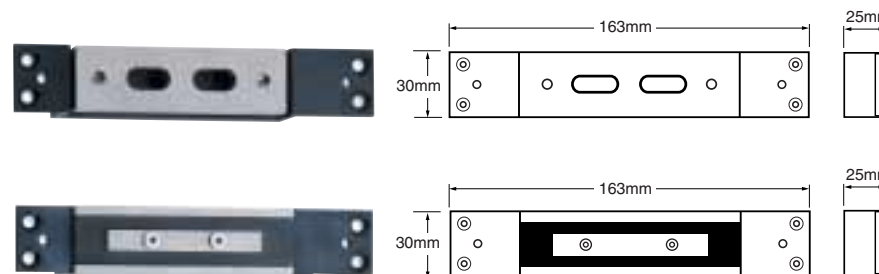
- For use on single doors.
- Surface mount (super power) design.
- Unmonitored.
- Suits Inward and outward opening doors.
- **UM3SSU** - Unmonitored.
- **UM3SSM** - Monitored.



## Shear Locks - Flush Mounted

### UNION UM4SSM • UM4SFM

- For use on single or double doors.
- Flush mount (shear force) design for improved holding force (1000kg of shear force).
- Suitable for Inward or outward opening doors or bi-directional doors.
- Can be fitted in the horizontal or vertical axis.
- **UM4SSM** - Surface Mount.
- **UM4SFM** - Flush Mount.



	UM2DSU-2M/M	UM3SSU/M	UM4SSM/FM
<b>Standards</b>			
CE	•	•	•
<b>Security Features</b>			
Corrosion Resistant	•	•	•
Escape	•	•	•
Guarantee	5	5	5
<b>Features/Functions</b>			
Holding Force (kg)	Up to 310	Up to 630	Up to 1000
Monitoring Type	Monitored	•	•
	Unmonitored	•	•
Input Voltage	12Vdc/24Vdc	12Vdc/24Vdc	12Vdc/24Vdc
Current Consumption (Per Coil)	Peak	250mA/500mA	250mA/500mA
	Holding	250mA/500mA	250mA/500mA
Power Failure Mode	FU	FU	FU
<b>Other Features</b>			
<b>Door Features</b>			
Surface	•	•	UM4SSM
Flush			UM4SFM
Case Length (mm)	2000	267	163
Case Height (mm)	33	73	30
Case Depth (mm)	44	40	25
<b>Finish Options</b>			
Satin Silver Anodised	•	•	•



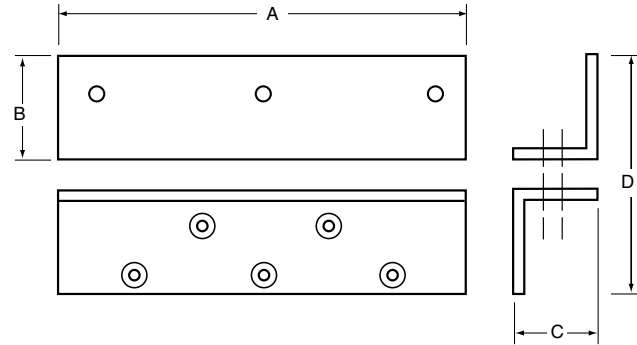
# Access Control - Magnetic Locks



## Magnetic Lock Brackets & Accessories

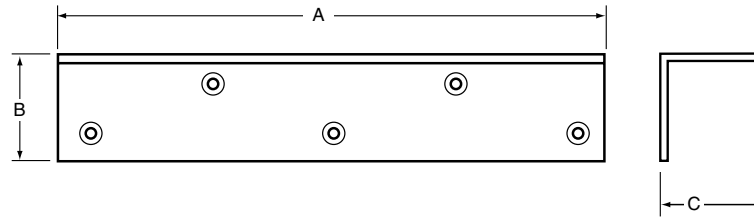
### UNION Z and L Brackets

- Suitable for use on inward opening doors.



Z Bracket	A	B	C	D
UZB1	190mm	50mm	50mm	100mm
UZB3	190mm	75mm	75mm	150mm

- UZB1 - For use with UM1 and UM2 magnets.
- UZB3 - For use with UM3 magnets.



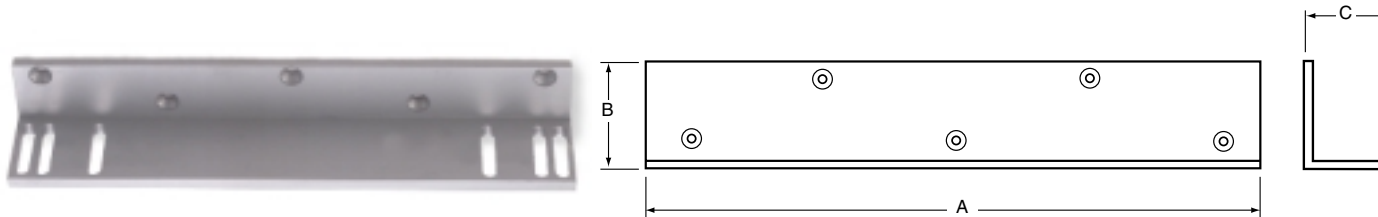
L Bracket	A	B	C
ULB1	250mm	50mm	38mm
ULB3	266mm	75mm	38mm

- ULB1 - For use with UM1 and UM2 magnets.
- ULB3 - For use with UM3 magnets.

### UNION Adjustable Transom Bracket

- Bracket allows adjustable positioning of the magnet.
- Suitable for applications with a flush door and a frame with little or no reveal.

Adjustable Transom Bracket	A	B	C
UADJTB for UM1, 2+3	266mm	50mm	38mm



### UNION Accessories

- Adhesive for glass mounting.  
(UMADHESIVE)  
(UMACTIVATOR)



# Access Control - Readers



## Features and Functions

### Reader Systems

#### Cardswipe Reader

Pre-encoded magnetic stripe cards control access.

#### Keypad

Push button coded entry controls access.

#### Proximity Reader

Pre-encoded cards or tags placed near the reader control access.



### Non Volatile Memory

This means the programmed information in the reader is retained in the event of power loss.



Products carrying the CE mark comply to the requirements of the CE regulations.



**Tamper Resistant**  
Security screws and anti-tamper switches help secure the units.



**Corrosion Resistant**  
Successfully completed testing to ISP53 weather protection.



**Guarantee**  
Guarantee period applicable when used with original Union cards, tags and maintenance instructions followed.

### Programming Method

Programming the readers is achieved via the keypad or with use of the program card.

### Hold Open

The reader can send an output signal to hold the door in the open position for a required length of time.

### Input Voltage

All union Readers operate on a 12Vdc power supply.

### RTE Input

Connection of a Request to Exit switch will allow for instant egress operation without the use of a card, code or tag.

### Hierarchy

There are two levels of operation:

#### Master

The reader operates stand alone.

#### Slave

The reader is 'dumb' and requires connection to a master controller.

### Status Display

#### Visual Display

LED's show the status of the reader.

#### Audible Display

Tones announce the status of the reader.

### Alarm Output

The connection of a warning device (a bell) allows the output to trigger it in the event of an alarm status.

### Number of Users

Each system has a limit of programmable codes for users.

### Power Failure Mode Capability

Readers can support fail locked and fail unlocked systems.

Finishes: Dark Metallic Grey Dark Grey Satin Chrome Plate

IDEAL FOR USE WITH: Motorised Locks, Solenoid Locks, Electric Strikes, Magnetic Strikes.



# Access Control - Readers



## Keypads



**UNION** UEK200

Page  
AC18



**UNION** UIK100 • USK150

Page  
AC18

## Card readers



**UNION** UMC400 • USC450

Page  
AC19

## Proximity Reader



**UNION** UPX100

Page  
AC19

## Cards and Tags



**UNION** UPX10UCP • UPX10MC • UPX10T • UICP • UUCP • UCPC

Page  
AC20





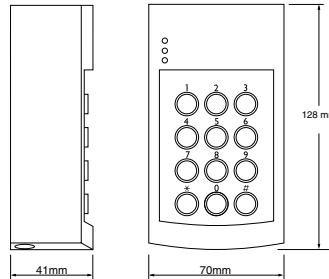
# Access Control - Readers



## Keypads

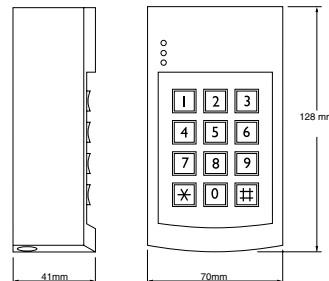
### UNION UEK200

- Ideal for External and Internal use.
- Robust design with hardwearing stainless steel buttons.
- Weather protected to IP53 rating.
- low current option available for powering from batteries.



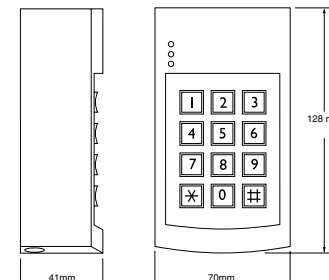
### UNION UIK100

- Ideal for Internal use or in areas sheltered from the weather.
- Hardwearing zinc alloy casing.
- Low current option available for powering from batteries.



### UNION USK150

- Slave keypad for use with the UMC400 to give the added security of the requirement for both a card and code on entry.
- Hardwearing zinc alloy casing.



		UEK200	UIK100	USK150
<b>Standards</b>				
CE		•	•	•
<b>Security Features</b>				
	Corrosion Resistant	•		
	Tamper Resistant	•		•
	Guarantee	5	5	5
<b>Features/Functions</b>				
Number of Users		4 codes	4 codes	4000
Hierarchy	Master	•	•	
	Slave			•
Programming Method	Keypad	•	•	•
	Card			•
Input Voltage		12Vdc	12Vdc	12Vdc
Current Consumption	Peak	40mA	40mA	90mA
	Holding	40mA	40mA	90mA
Hold Open Output		12Vdc	12Vdc	n/a
RTE Input		•	•	•
Alarm Output		•	•	
Lock Release Time Output		•	•	
Status Supply	Visual	•	•	•
	Audible	•	•	•
Power Failure Compatability	Fail Locked	•	•	•
	Fail Unlocked	•	•	•
Retentive Memory		•	•	•
Incorrect Code Lockout		3, out	3, out	3, out
Door Contact Monitoring				
Reader Range		Contact	Contact	Contact
<b>Door Features</b>				
Doors Controlled	Single	•	•	•
	Multi			
<b>Finish Options</b>				
DMG		•	•	•
DG				
SCP		•	•	•



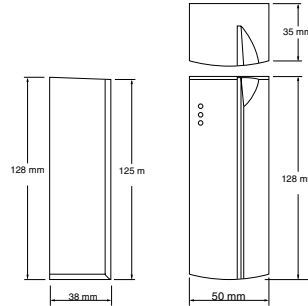
# Access Control - Readers



## Card Readers

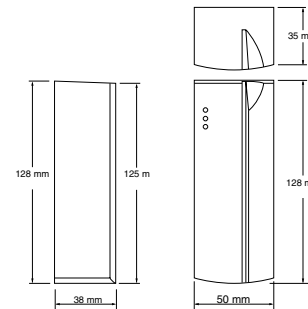
### UNION UMC400

- Ideal for Internal use or areas sheltered from the weather.
- Pre-wired cable with reader for easy fit.
- Simple programming from cards, no need for programming devices or centrally controlled computers.
- Master card reader (built in controller).



### UNION USC450

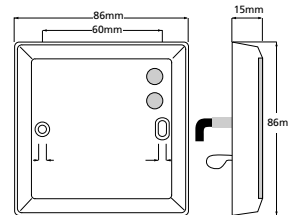
- Ideal for Internal use or areas sheltered from the weather.
- Slave card reader (requires connection to a controller, such as the UMC400).
- Ideal for Internal use or areas sheltered from the weather. Gives cost effective card swipe access from both sides of a door when linked with the UMC400.



## Proximity Reader

### UNION UPX100

- Ideal for external and Internal use.
- Pre-wired cable with reader for easy fit.
- Simple programming from cards, no need for programming devices or centrally controlled computers.
- Master Proximity reader (built in controller).
- Includes 'start up' quantity of Master and User Cards/tokens.



	UMC400	USC450	UPX100
<b>Standards</b>			
CE	•	•	•
<b>Security Features</b>			
Corrosion Resistant	•	•	•
Tamper Resistant	•	•	•
Guarantee	5	5	5
<b>Features/Functions</b>			
Number of Users	4000	4000	2000
Hierarchy	Master	•	•
	Slave	•	•
Programming Method	Keypad	•	•
	Card	•	•
Input Voltage	12Vdc	12Vdc	12Vdc
Current Consumption	Peak	40mA	40mA
	Holding	30mA	30mA
Hold Open Output	12Vdc	12Vdc	200mA
RTE Input			•
Alarm Output			•
Lock Release Time Output	•	•	•
Status Supply	Visual	•	•
	Audible	•	•
Power Failure Compatibility	Fail Locked	•	•
	Fail Unlocked	•	•
Retentive Memory	•	•	•
Incorrect Code Lockout	3, out	3, out	6, out
Door Contact Monitoring			•
Reader Range	Contact	Contact	Up to 20cm
<b>Door Features</b>			
Doors Controlled	Single	•	•
	Multi	10	10
<b>Finish Options</b>			
DMG	•	•	•
DG			•
SCP	•	•	•



## Card Reader Cards

**UNION** Cards are available in packs for the UMC400 and USC450

**UNION** Initialisation Pack UICP

This pack consists of two identical cards used to initialise the reader after installation. The card can be swiped through multiple readers enabling them to function as an integral system.

**UNION** User Card Pack UUCP

This pack consists of one program card and a set of user cards. Swiping the program card through a reader validates all the user cards in the pack. Cards are available in pack sizes of 20 or 50 cards. In every pack, a user card has a corresponding shadow card. As user cards are issued, the user identification is written on the shadow card and stored in a safe place. Swiping a shadow card eliminates its corresponding user card from the reader. Useful when a user card is lost or stolen.

**UNION** Control Card Pack UCCP

This pack of cards extends the flexibility of the system and is needed for the following functions; Hold open, Lock open time 10 seconds, Lock open time 4 seconds, Fail Locked/Fail Unlocked, Mute, Keypad code settings (for slave keypad when used with a master card reader), and Card Reader and keypad (to allow the master card reader to operate alongside a slave keypad, only allowing entry with the correct card and access code).

**UNION** Proximity Reader Cards and Tags UPX10UCP • UPX10MC • UPX10T

The reader is supplied with 10 user cards or tokens and 2 master cards for programming.  
Additional Cards or Tags are available for the UPX100 (Sold individually).

## Notes

**UNION**



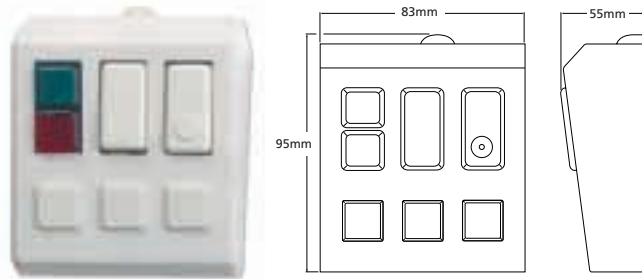
# Access Control Accessories



## Accessories

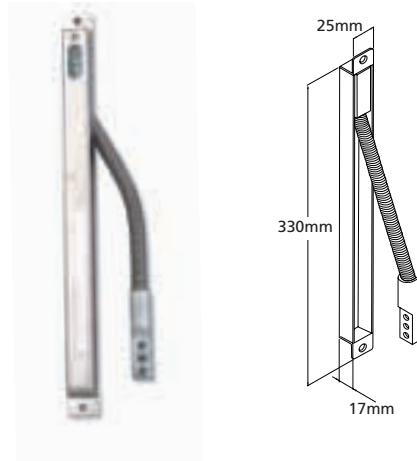
### UNION Release Button URB

- Used for remote release of the motorised locks.
- Red/Green light signal of lock status.



### UNION Door Loop UDL

- Used to connect frame mounted units to the motorised locks.
- Mortise casing for added protection with flexible stainless steel spring for wiring.



### UNION Power Supply UPS3

#### UPS3

- Used to power the Solenoid locks.
- 3A current output.
- Has built in accommodation for backup battery to supply temporary power in cases of mains failure.

#### UPS1

- 1A current output.



UNION Accessories	Standards	Features / Functions						Door Features			Finish Options		
	CE	Input Voltage	Output Voltage	Other Features	Current Output				Case Depth	Case Width	Case Height	White	Chrome
URB Release Button		240Vac		LSL								•	
UDL Door Loop		12Vdc	12Vdc										•
UPS3 Power Supply	•	240Vac	12Vdc	BBF	3A				80mm	250mm	215mm	•	

Key: LSL = Lock Status Lights (Red/Green) BBF = Battery Backup Function



# Furniture & Fittings

Furniture &  
Fittings

- Aluminium
- Nylon
- Stainless Steel
- Brass
- Zinc
- Knobsets

**UNION**<sup>®</sup>

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Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.

## Introduction

Union offers a comprehensive range of Furniture and Fittings. Lever handles are available in various forms to offer both contemporary and classic styles. A large range of finishes offer the ability to match other products on a door - such as door closers or panic hardware.

The Fittings range includes pull handles, roses and escutcheons, push plates, door stops, and various accessories.

Designed to last, the furniture and fittings range are available made from Stainless Steel, Brass, Nylon or Aluminium.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it meets a particular standard or approval.

In addition you can now ask for specific security features to be included in the product you specify.

*Union, Simplifying the Specification Process.*

## Standards & Approvals



Products that meet PSAMOBH3PS have been tested to the performance specifications issued by the Property Services Agency.



## Security Features

- 1 **Protected Section**  
Products are available as an option on a patented key section.
- 2 **Drill Resistant**  
Hardened protection against drill attack.
- 3 **Saw Resistant**  
Hardened protection against saw attack.
- 4 **Force Resistant**  
Built in strength against force attack.
- 5 **Pick Resistant**  
Built in protection to resist picking.
- 6 **Torque Resistant**  
Built in strength against torque attack.
- 7 **Tamper Resistant**  
Built in protection against Tampering.
- 8 **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.
- 9 **Fire Resistant**  
Products conform to appropriate fire test requirements.
- 10 **Escape**  
Products for use on an escape door.
- 11 **Key Control**  
The products can be included in a key control system.
- 12 **Guarantee**  
Products are guaranteed for a period of time.

## Styling

The furniture is available in two styles:

### Rose Style

The handle and cylinder escutcheon are available separately on a rose.



### Backplate Style

The handle and cylinder cut out are on a single backplate.



## Fixings

All fixings, such as screws and bolts are supplied.

## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.



- In the UK this is commonly 57mm, although other sizes are available.

## Features and Functions

### Fixing Types

The furniture can be fixed to the door in two ways.

#### Bolt Through

The inside and outside furniture are bolted together with a pair of special bolts that pass through the lock and door.

#### Face Fix

The furniture is screw fixed to the surface of the door.

### Handle Fixing

Round bar levers are fixed to the spindle with a grub screw.

### Spindle

All furniture is supplied with an 8mm spindle.

### Springing

#### Sprung

The lever returns to the rest position irrespective of any spring action in the lock.

#### Unsprung

The lever returns to rest on the spring action of the lock only.

**Finish:**

**Ideal for use with:** Mortice locks & latches



**Guarantee**  
Guarantee period applicable when original Union maintenance instructions are followed.

### Concealed Fixing

Some products feature clip on cover plates which cover the fixings.

### Lever Furniture Variations

The furniture is available to suit mortice locks and latches, either using roses and escutcheons or backplates - lever key, euro profile, oval profile, bathroom, privacy and latch types are included.

#### Latch (LA)

For use with tubular latches.

#### Lever Lock (LO)

For use with mortice locks operated by a lever key.

#### Euro (PE)

For use with cylinder mortice locks operating with a Euro Profile cylinder.

#### Oval (PO)

For use with cylinder mortice locks operating with an Oval Profile cylinder.

#### Bathroom (PB)

For use with mortice locks that incorporate a spindle thrown deadbolt.

#### Privacy (PR)

For use with tubular latches where the handle requires locking.

## Lever Handles - Return to Door



**UNION** UA301R Range

**UNION** UA300 Range • UA304 Range

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FF6



**UNION** UA313 Range • UA314 Range

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FF6

## Lever Handles Round Bar Range - Straight



**UNION** UA302 Range

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**UNION** UA300RR • UA304RR

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**UNION** UA311 Range • UA312 Range

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**UNION** UA302RR

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FF6



Guarantee

Features / Functions

Finish Options

**UNION** Lever Handles - Return to Door

UNION	Style	Backplate	Rose	Latch	Lock	Variation	Euro	Oval	Bathroom	Centres	Fixing	Bolt Through	Concealed Fixing	Springing Sprung	Un Sprung	Other	Satin Anodised
UA300RR 20mm Round Bar Handle	5		•								•	•	•	•			•
UA300LA 20mm Round Bar Handle	5	•		•							•	•	•	•			•
UA300LO 20mm Round Bar Handle	5	•			•					57mm	•	•	•	•			•
UA300PE 20mm Round Bar Handle	5	•				•				48mm	•	•	•	•			•
UA300PO 20mm Round Bar Handle	5	•						•		48mm	•	•	•	•			•
UA300PB 20mm Round Bar Handle	5	•							•	57mm	•	•	•	•			•
UA301RLA 20mm Round Bar Handle	5	•		•							•	•	•	•		RCB	•
UA301RLO 20mm Round Bar Handle	5	•			•					57mm	•	•	•	•		RCB	•
UA301RPB 20mm Round Bar Handle	5	•							•	57mm	•	•	•	•		RCB	•
UA304RR 22mm Round Bar Handle	5		•								•	•	•	•			•
UA304LA 22mm Round Bar Handle	5	•		•							•	•	•	•			•
UA304LO 22mm Round Bar Handle	5	•			•					57mm	•	•	•	•			•
UA304PE 22mm Round Bar Handle	5	•				•				48mm	•	•	•	•			•
UA304PO 22mm Round Bar Handle	5	•						•		48mm	•	•	•	•			•
UA304PB 22mm Round Bar Handle	5	•							•	57mm	•	•	•	•			•
UA311LA* (20mm) ● UA312LA* (22mm)	5	160 x 64		•							•				•		•
UA311LO* (20mm) ● UA312LO* (22mm)	5	160 x 64			•					57mm	•				•		•
UA311PE* (20mm) ● UA312PE* (22mm)	5	160 x 64				•				48mm	•				•		•
UA311PO* (20mm) ● UA312PO* (22mm)	5	160 x 64						•		48mm	•				•		•
UA311PB* (20mm) ● UA312PB* (22mm)	5	160 x 64							•	57mm	•				•	LH/RH	•
UA313LA* (20mm) ● UA314LA* (22mm)	5	160 x 160		•							•				•		•
UA313LO* (20mm) ● UA314LO* (22mm)	5	160 x 160			•					57mm	•				•		•
UA313PE* (20mm) ● UA314PE* (22mm)	5	160 x 160				•				48mm	•				•		•
UA313PO* (20mm) ● UA314PO* (22mm)	5	160 x 160						•		48mm	•				•		•
UA313PB* (20mm) ● UA314PB* (22mm)	5	160 x 160							•	57mm	•				•	LH/RH	•

**UNION** Lever Handles - Straight

UA302RR 20mm Round Bar Handle	5		•								•	•	•	•			•
UA302LA 20mm Round Bar Handle	5	•		•							•	•	•	•			•
UA302LO 20mm Round Bar Handle	5	•			•					57mm	•	•	•	•			•
UA302PE 20mm Round Bar Handle	5	•				•				48mm	•	•	•	•			•
UA302PO 20mm Round Bar Handle	5	•						•		48mm	•	•	•	•			•
UA302PB 20mm Round Bar Handle	5	•							•	57mm	•	•	•	•			•

Key: RCB = Radius Cornered Backplate LH = Left Hand RH = Right Hand

## Lever Handles - Return to Door

### UNION Round Bar Handle on Backplate



- UA300 Range available in Textured Silver finish.

- Rounded Backplate (RCB).

UNION UA301R Range



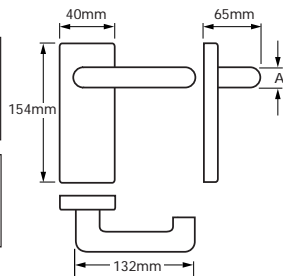
UA300LA  
UA304LA

UA300LO  
UA304LO

UA300PE  
UA304PE

UA300PO  
UA304PO

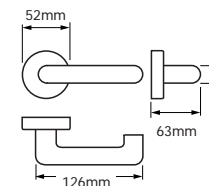
UA300PB  
U A304PB



Model	A
UA300 Range	20mm
UA301R & UA304 Ranges	22mm

	Model	Centres
	LA	n/a
	LO	57mm
	PE	48mm
	PO	48mm
	PB	57mm

### UNION Round Bar Round Rose Handle



Model	A
UA300RR	20mm
UA304RR	22mm

- Available in two Backplate sizes.

- 160 x 64 Backplate.
- Available in Lock, Euro, Oval & Bathroom styles.

UNION UA311 Range • UA312 Range



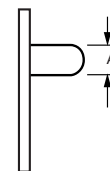
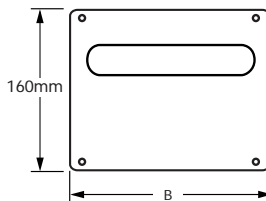
UA311LA • UA312LA  
UA313LA • UA314LA

UA311LO  
UA312LO  
UA313LO  
UA314LO

UA311PE  
UA312PE  
UA313PE  
UA314PE

UA311PO  
UA312PO  
UA313PO  
UA314PO

UA311PB  
UA312PB  
UA313PB  
UA314PB



	Model	Centres
	LA	n/a
	LO	57mm
	PE	48mm
	PO	48mm
	PB	57mm

Model	A	B
UA311 Range	20mm	64mm
UA312 Range	22mm	64mm
UA313 Range	20mm	160mm
UA314 Range	22mm	160mm

## Lever Handles - Straight

### UNION 20mm Round Bar Handle on Backplate



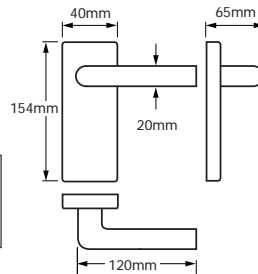
UA302LA

UA302LO

UA302PE

UA302PO

UA302PB

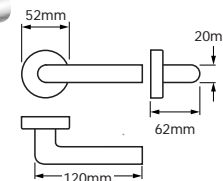


	Model	Centres
	UA302LA	n/a
	UA302LO	57mm
	UA302PE	48mm
	UA302PO	48mm
	UA302PB	57mm

### UNION 20mm Round Bar Round Rose Handle



UA302RR



## Classic Range



**UNION** Raven Range

Page  
FF8



**UNION** Gull Range

Page  
FF8

Security Features



Guarantee

**UNION**  
Furniture

Features / Functions

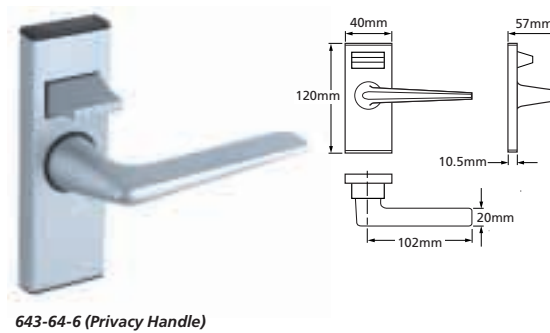
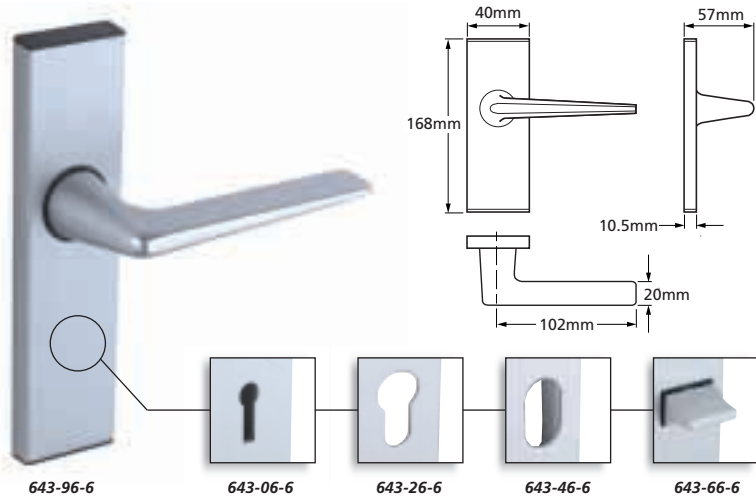
Finish Options

UNION	Style	Backplate	Rose	Latch	Lock	Variation		Bathroom	Privacy	Centres	Face Fix	Fixing Bolt Through	Concealed Fixing	Springing Sprung	Un Sprung	Other	Satin Anodised
						Euro	Oval										
<b>UNION</b> Lever Handles - Raven																	
643-94-6	Straight Handle LA	•		•							•	•	•	•		SB	•
643-96-6	Straight Handle LA	•		•							•	•	•	•			•
643-06-6	Straight Handle LO	•			•					57mm	•	•	•	•			•
643-26-6	Straight Handle PE	•				•				48mm	•	•	•	•			•
643-46-6	Straight Handle PO	•					•			48mm	•	•	•	•			•
643-66-6	Straight Handle PB	•						•		57mm	•	•	•	•		LH/RH	•
643-64-6	Straight Handle PR	•		•					•		•	•	•	•		LH/RH	•
<b>UNION</b> Lever Handles - Gull																	
654-94-2	Straight Handle LA	•		•							•			•		SB	•
654-07-2	Straight Handle LO	•			•					57mm	•			•			•
654-47-2	Straight Handle PO	•					•			48mm	•			•			•
654-67-2	Straight Handle PB	•						•		57mm	•			•		LH/RH	•

Key: LH = Left Hand    RH = Right Hand    SB = Short Backplate

## Raven Range

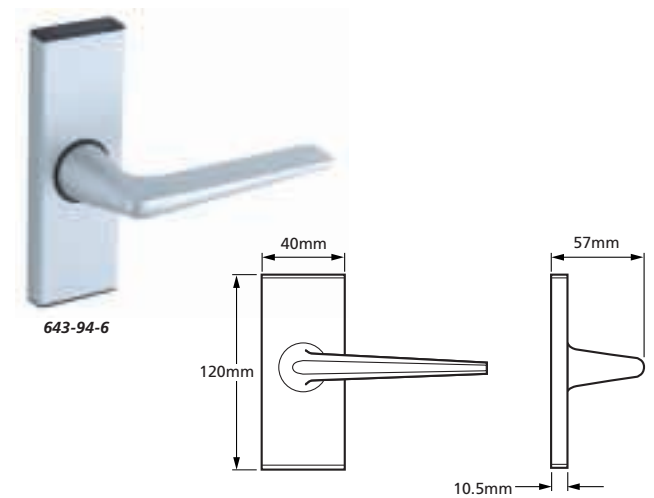
### UNION Straight Handle on Backplate



643-64-6 (Privacy Handle)

	Model	Centres
🔑	643-06-6	57mm
🔑	643-26-6	48mm
🔑	643-46-6	48mm
🔑	643-66-6	57mm

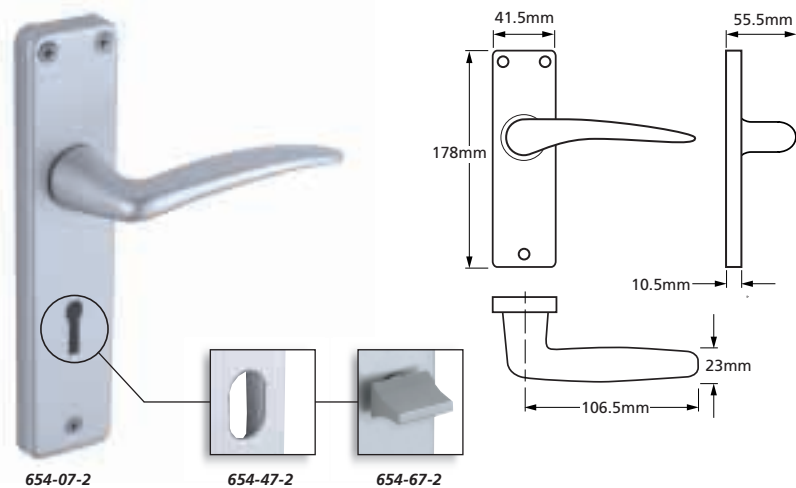
### UNION Straight Handle on Short Backplate



643-94-6

## Gull Range

### UNION Straight Handle on Backplate



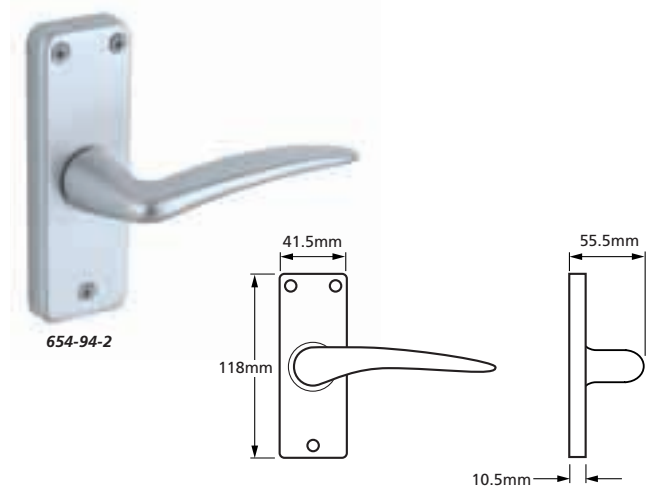
654-07-2

654-47-2

654-67-2

	Model	Centres
🔑	654-07-2	57mm
🔑	654-47-2	48mm
🔑	654-67-2	57mm

### UNION Straight Handle on Short Backplate



654-94-2

## Classic Range



**UNION** Teal Range

Page  
FF10



**UNION** Phoenix Range

Page  
FF10

**UNION**  
Furniture

Security Features



Guarantee

### Features / Functions

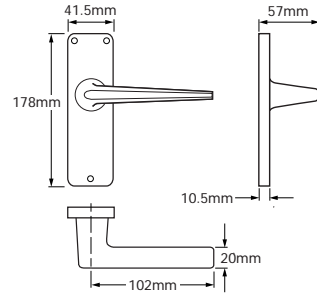
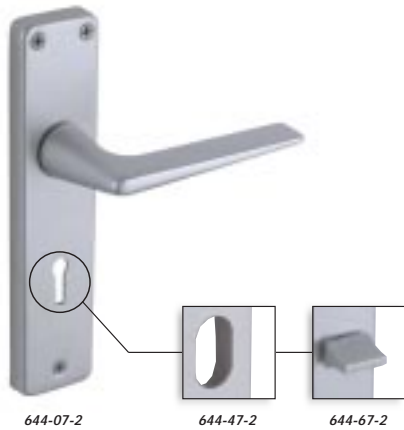
### Finish Options

UNION	Lever Handles - Teal	5	Features / Functions													Finish Options			
			Backplate	Rose	Latch	Lock	Variation Euro	Oval	Bathroom	Centres	Face Fix	Bolt Through	Concealed Fixing	Springing Sprung	Un Sprung	Other	Gold Anodised	Satin Anodised	
UNION	Lever Handles - Phoenix	5																	
644-91-2	Round Rose Straight Handle	5		•															•
644-91-3	Round Rose Straight Handle	5		•														VB	•
644-91-4	Round Rose Straight Handle	5		•														HB	•
644-94-2	Straight Handle LA	5	•		•													SB	•
644-07-2	Straight Handle LO	5	•			•					57mm								•
644-47-2	Straight Handle PO	5	•								48mm								•
644-67-2	Straight Handle PB	5	•								57mm							LH/RH	•
655-91-2	Round Rose Straight Handle	5		•															•
655-91-3	Round Rose Straight Handle	5		•														VB	•
655-91-4	Round Rose Straight Handle	5		•														HB	•
655-94-2	Straight Handle LA	5	•		•													SB	•
655-06-2	Straight Handle LO	5	•			•					57mm								•
655-26-2	Straight Handle PE	5	•								48mm								•
655-46-2	Straight Handle PO	5	•								48mm								•
655-66-2	Straight Handle PB	5	•								57mm							LH/RH	•

Key: LH = Left Hand    RH = Right Hand    SB = Short Backplate    VB = Vertical Bolt Through    HB = Horizontal Bolt Through

## Teal Range

### UNION Straight Handle on Backplate

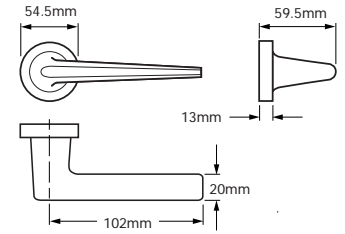


	Model	Centres
🔑	644-07-2	57mm
🔒	644-47-2	48mm
🔑🔒	644-67-2	57mm

### UNION Round Rose Straight Handle

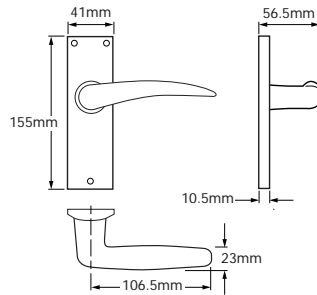


644-91-2  
644-91-3  
644-91-4



## Phoenix Range

### UNION Straight Handle on Backplate

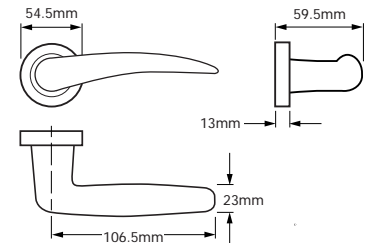


	Model	Centres
🔑	655-06-2	57mm
🔒	655-26-2	48mm
🔑🔒	655-46-2	48mm
🔑🔒	655-66-2	57mm

### UNION Round Rose Straight Handle



655-91-2  
655-91-3  
655-91-4



## Classic Range



### UNION Furniture

Security Features



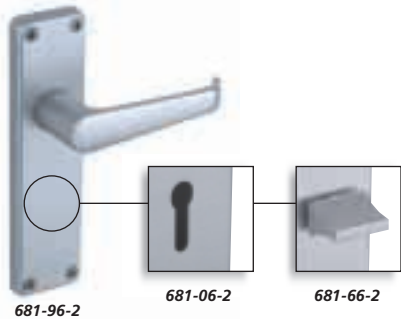
Guarantee

		Features / Functions												Finish Options		
		Style			Variation					Fixing	Concealed	Springing		Other	Gold Anodised	Satin Anodised
		Backplate	Rose	Latch	Lock	Euro	Oval	Bathroom	Centres	Face Fix	Bolt Through	Fixing	Sprung	Un Sprung		
<b>UNION</b>	Lever Handles - Swallow															
681-94-2	Return to Door Handle LA	•		•						•			•		SB	•
681-96-2	Return to Door Handle LA	•		•						•			•			•
681-06-2	Return to Door Handle LO	•			•				57mm	•			•			•
681-66-2	Return to Door Handle PB	•						•	57mm	•			•		LH/RH	•
<b>UNION</b>	Lever Handles - Martin															
680-93-2	Return to Door Handle LA	•		•						•			•		SB	•
680-96-2	Return to Door Handle LA	•		•						•			•			•
680-06-2	Return to Door Handle LO	•			•				57mm	•			•			•
680-66-2	Return to Door Handle PB	•						•	57mm	•			•		LH/RH	•
<b>UNION</b>	Lever Handles - Ambassador															
33	Round Rose Straight Handle		•								•		•			•
3660	Straight Handle LA	•		•						•			•		•	•
3662	Straight Handle LO	•			•				57mm	•			•		•	•
3667	Straight Handle PE	•				•			48mm	•			•			•
3666	Straight Handle PO	•					•		48mm	•			•			•
3661	Straight Handle PB	•						•	57mm	•			•		LH/RH	•

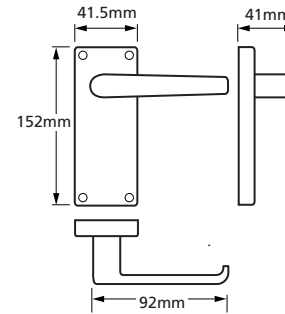
Key: LH = Left Hand    RH = Right Hand    SB = Short Backplate

## Swallow

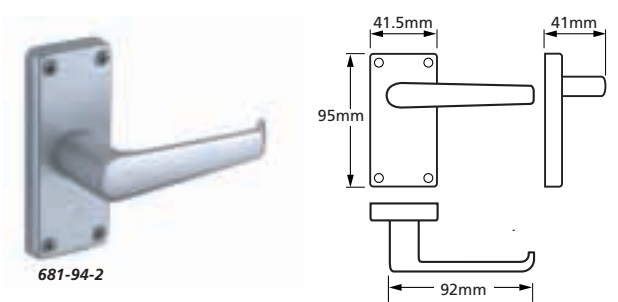
### UNION Straight Handle on Backplate



	Model	Centres
	681-06-2	57mm
	681-66-2	57mm

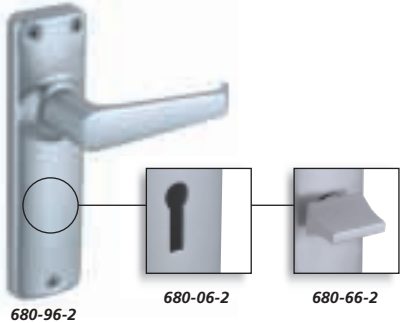


### UNION Straight Handle on Short Backplate

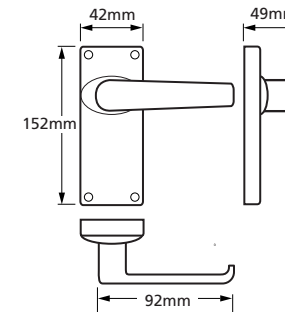


## Martin

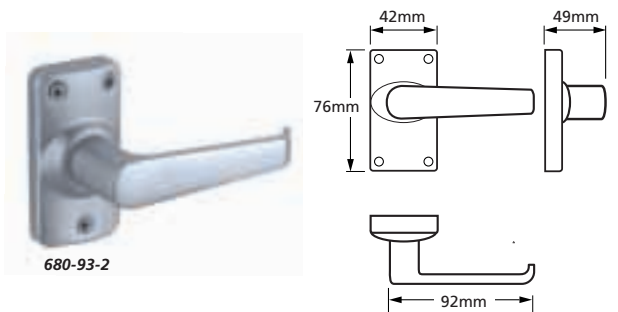
### UNION Straight Handle on Backplate



	Model	Centres
	680-06-2	57mm
	680-66-2	57mm

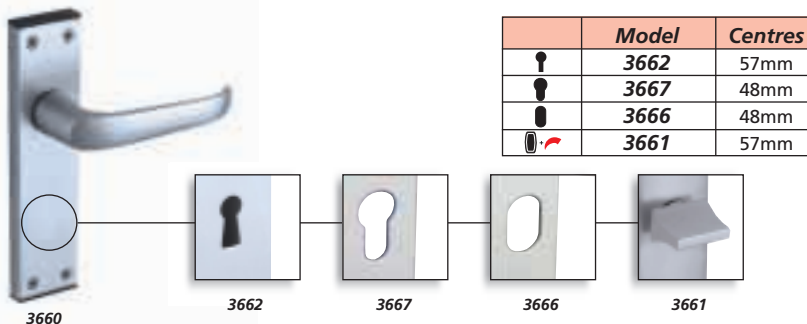


### UNION Straight Handle on Short Backplate

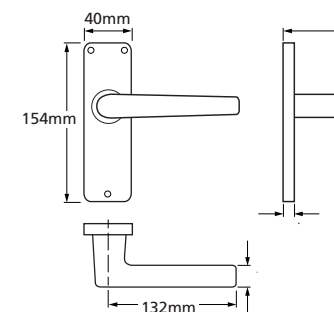


## Ambassador

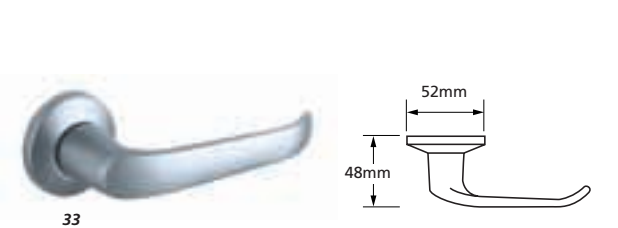
### UNION Straight Handle on Backplate



	Model	Centres
	3662	57mm
	3667	48mm
	3666	48mm
	3661	57mm



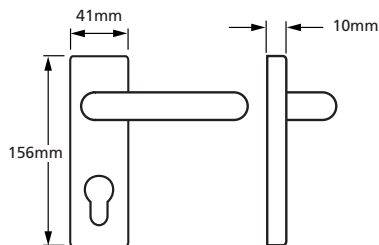
### UNION Round Rose Straight Handle



## Escape Lock / Facility Furniture



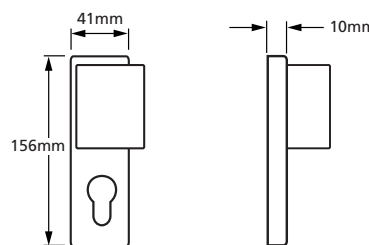
- Round bar return to door, split spindle furniture.
- Ideal for use with Union Escape locks.
- Euro profile backplate only.
- Handed.



**UNION** 630-15-3



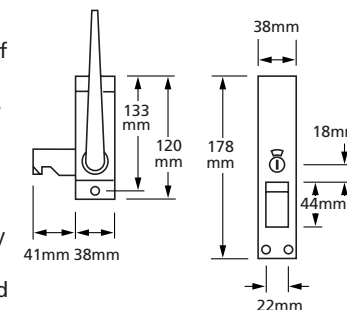
- Round bar return to door, split spindle furniture.
- Ideal for use with Union Escape locks.
- Euro profile backplate only.
- Outside handle is fixed pull.
- Handed.



**UNION** 630-16-3



- An indicator bolt for all toilet doors where ease of operation is desirable.
- Suitable for hinged doors opening in or opening out and for sliding doors.
- Red/white occupancy signal.
- Coin operated emergency release.
- Exterior pull may be fitted at 90°: 180°: 270° or 360°.



**UNION** 37651

**UNION**  
Furniture

Security Features



Guarantee

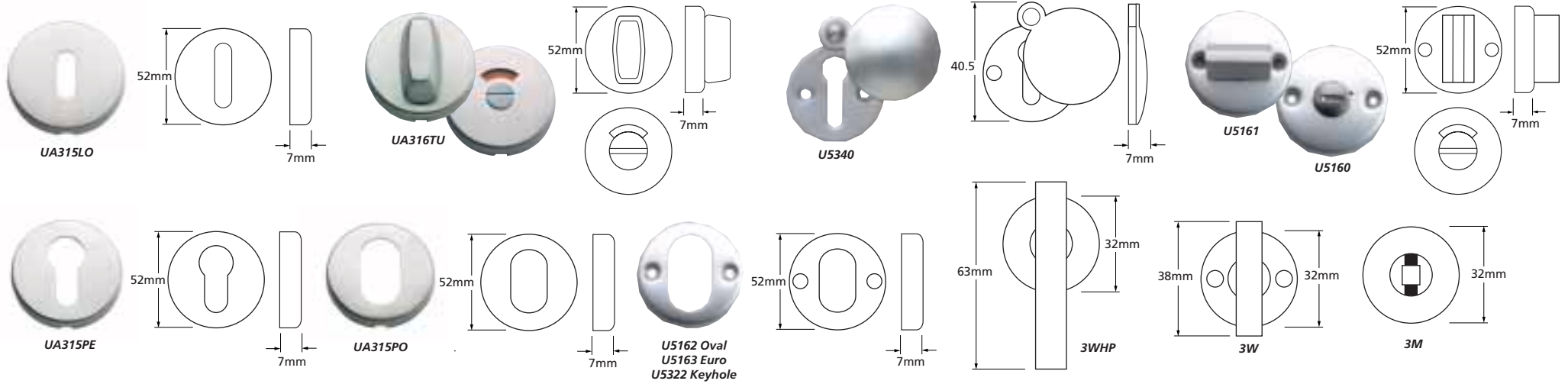
Features / Functions														Finish Options	
Style	Rose	Latch	Lock	Variation	Centres	Face Fix	Fixing	Concealed	Springing	Springing	Other	Gold Anodised	Satin Anodised		
Backplate				Euro	Oval	Bathroom	Bolt Through	Fixing	Sprung	Un Sprung					
630-15-3	•			•	48mm		•		•		LH/RH	•	•		
630-16-3	•			•	48mm		•		•		OPH, LH/RH	•	•		
37651	•					•	•			•		•	•		

Key: OPH = Outside Pull Handle    LH = Left Hand    RH = Right Hand

## Fittings

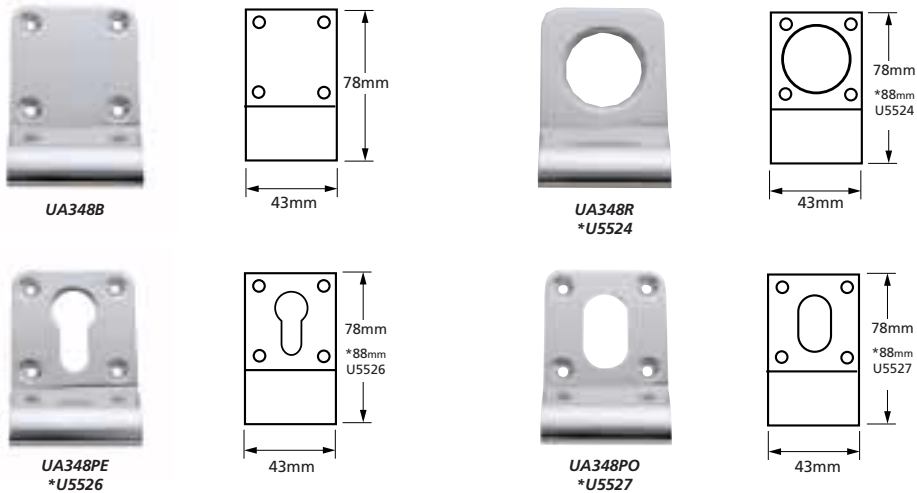
### UNION Escutcheons & Indicator Turn

- U5160 • U5161 • U5162 available in Gold Anodised finish.

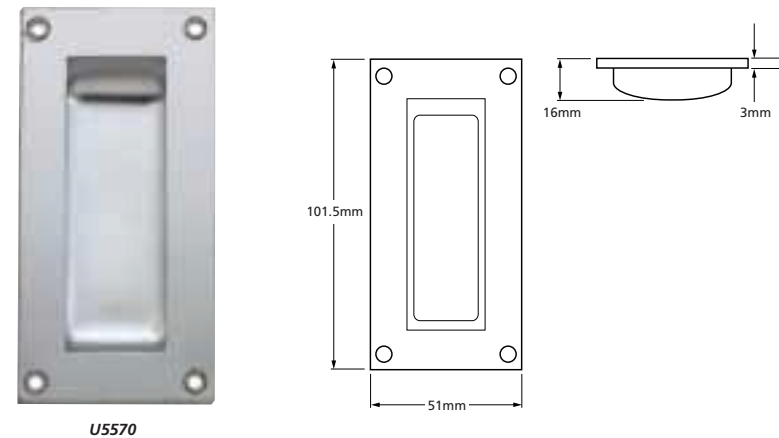


### UNION Cylinder Pulls

- U5524 available in Gold Anodised finish.



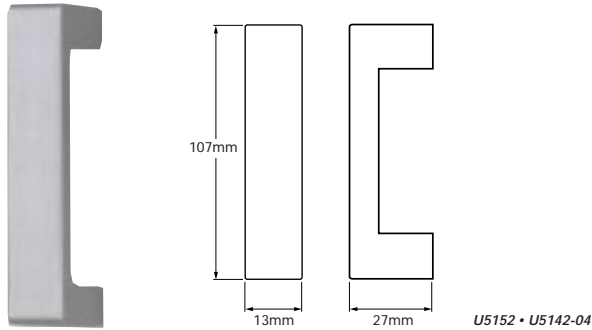
### UNION Flush Pull Handle



## Fittings

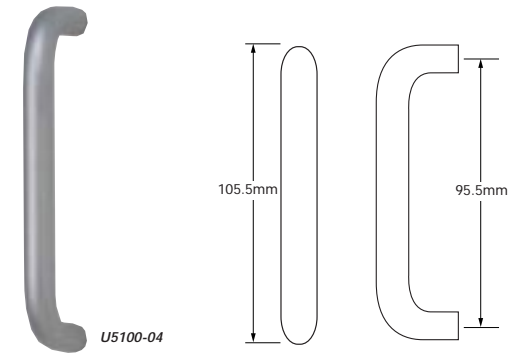
### UNION Cabinet Handles

- Bolt Fix.
- U5152-04 features moulded black plastic trim.



### UNION Cabinet Handles

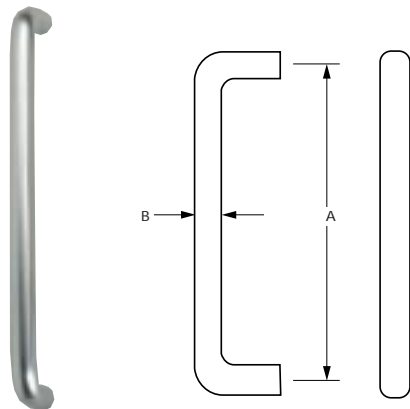
- Concealed Fix.



## Fittings

### UNION Pull Handles

- Bolt Fix.



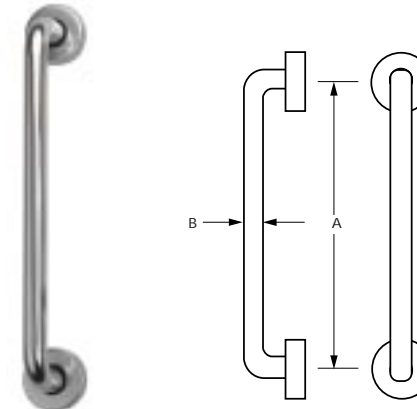
Model	A
UA317/1BF	150mm
UA317/2BF	225mm
UA317/3BF	300mm

Model	A
UA323/1BF	150mm
UA323/2BF	225mm
UA323/3BF	300mm

Model	B
UA317 Range	19mm
UA323 Range	22mm

### UNION Pull Handles

- Concealed Fix.



Model	A
UA318/1CF	150mm
UA318/2CF	225mm
UA318/3CF	300mm

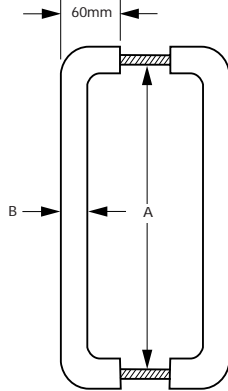
Model	A
UA324/1CF	150mm
UA324/2CF	225mm
UA324/3CF	300mm

Model	B
UA318 Range	19mm
UA324 Range	22mm

## Fittings

### UNION Pull Handles

- Back to Back Fix.



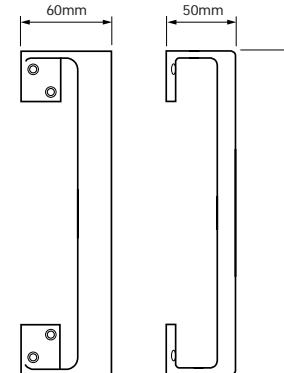
Model	A
UA319/1BB	150mm
UA319/2BB	225mm
UA319/3BB	300mm

Model	A
UA325/1BB	150mm
UA325/2BB	225mm
UA325/3BB	300mm

Model	B
UA319 Range	19mm
UA325 Range	22mm

### UNION Pull Handles

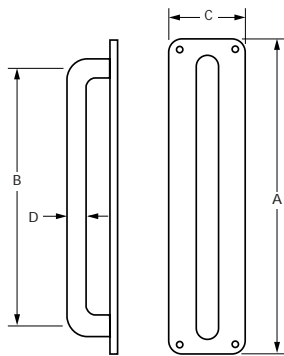
- Cranked Pull Handle, Screw Fix.



Model	A
UA338 /2	225mm
UA338/3	300mm

### UNION Pull Handles

- Pull Handle mounted on Backplate, Screw Fix.



Model	D
UA320 Range	19mm
UA326 Range	22mm

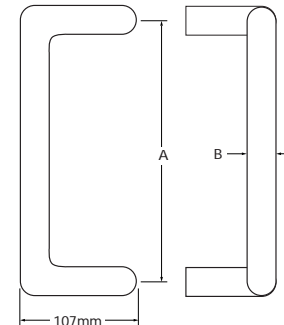
Model	A	B	C
UA326/1P • UA320/1P	165mm	150mm	155mm
UA326/2P • UA320/2P	300mm	225mm	75mm
UA326/3P • UA320/3P	350mm	300mm	75mm



**UNION UA320/1P**

### UNION Pull Handles

- UA322 & CA328 are Back to Back Fix versions of UA321 & UA327.



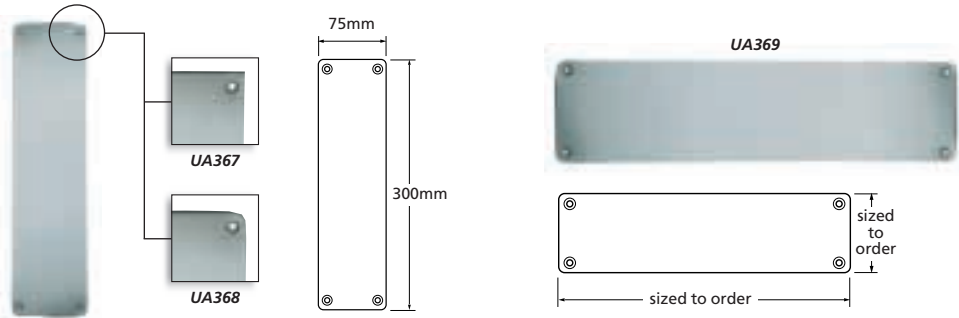
Model	A
UA322/2CBB	225mm
UA322/3CBB	300mm

Model	A
UA321/2CBF	225mm
UA321/3CBF	300mm

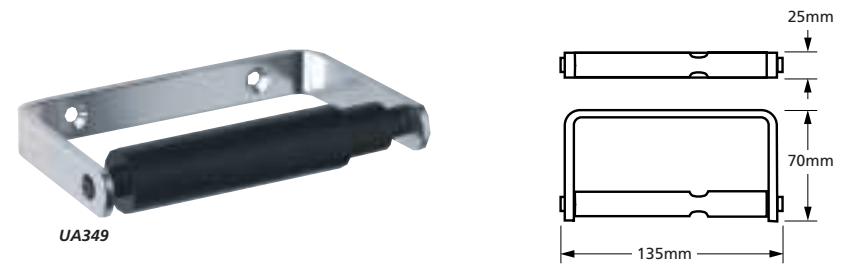
Model	B
UA321 & UA322 Range	19mm
UA327 & UA328 Range	22mm

## Fittings

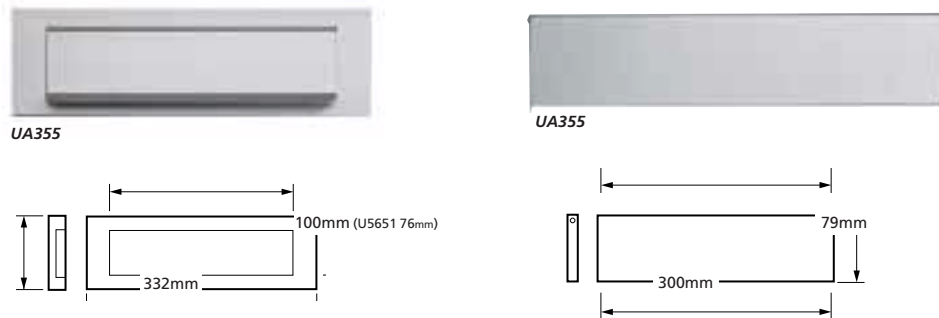
### UNION Finger Plates & Kicking Plates



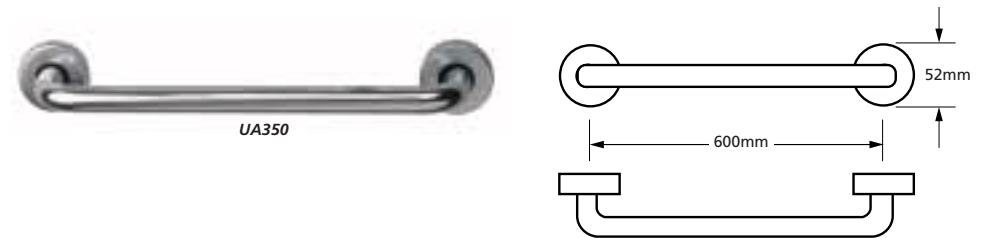
### UNION Toilet Roll Holder



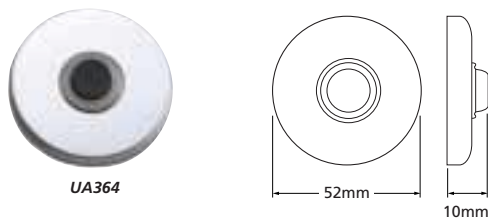
### UNION Letter Plate & Door Tidy



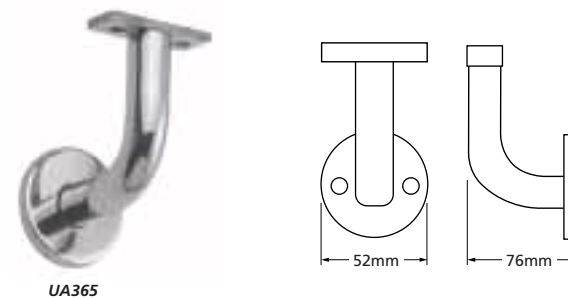
### UNION Towel Rail



### UNION Bell Push

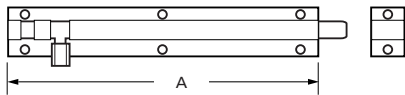


### UNION Hand Rail Bracket



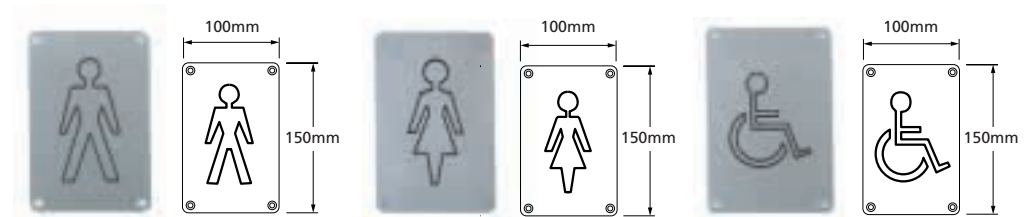
## Fittings

### UNION Barrel Bolts



Model	A
UA358/1	75mm
UA358/2	100mm
UA358/3	150mm

### UNION Signs



UA366MS

UA366FS

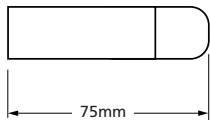
UA366DS

### UNION Wall Mounted Door Stops

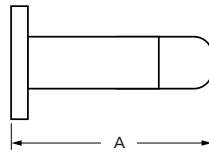
#### Wall Mounted Secret Fix



UA342



#### Concealed Fix



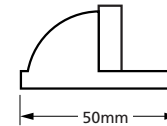
Model	A
UA344/5	50mm
UA344/7	75mm

### UNION Floor Mounted Door Stops

#### Oval Shielded



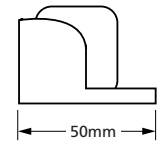
UA3450FS



#### Round Shielded



UA345FS

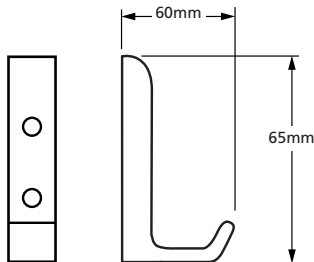


### UNION Hooks

#### Wardrobe Hook



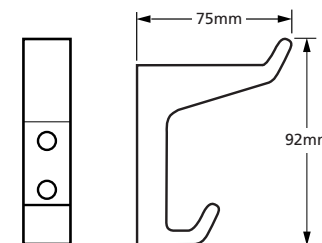
UA346



#### Hat & Coat Hook



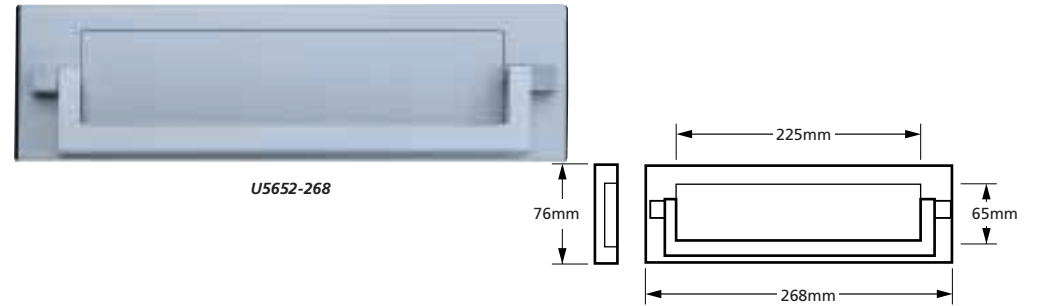
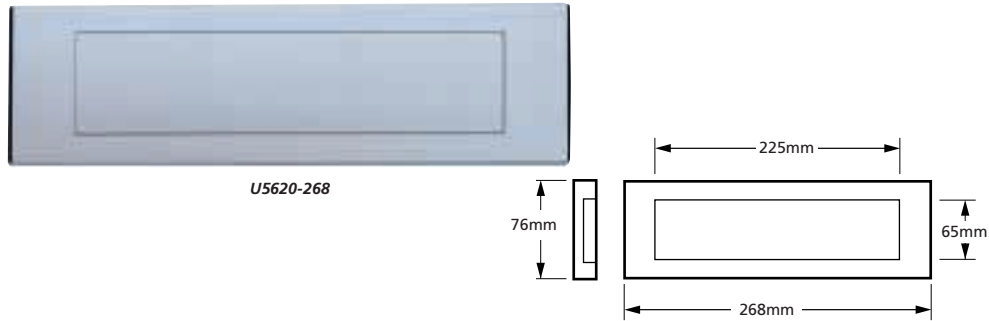
UA347



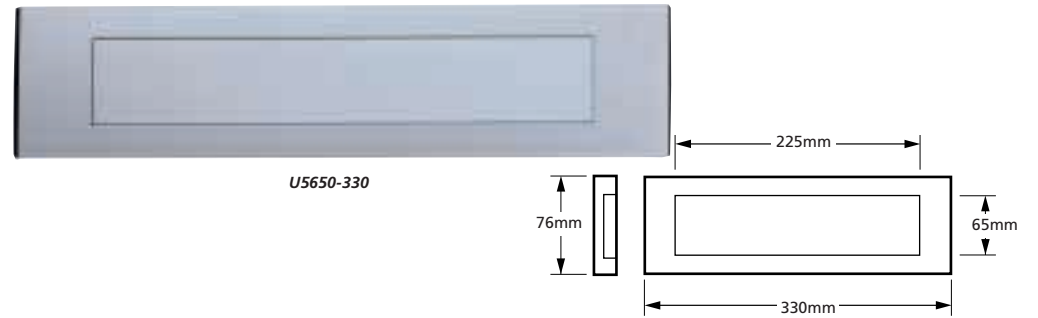
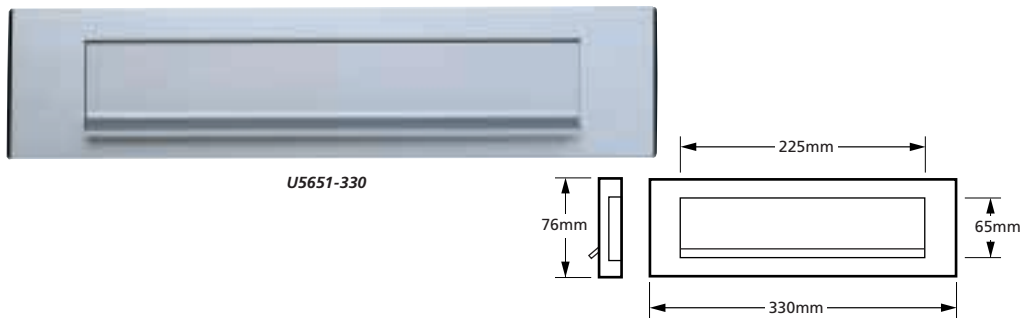
- UA347 Available in buffered finish (UA347B)

## Letter Plates

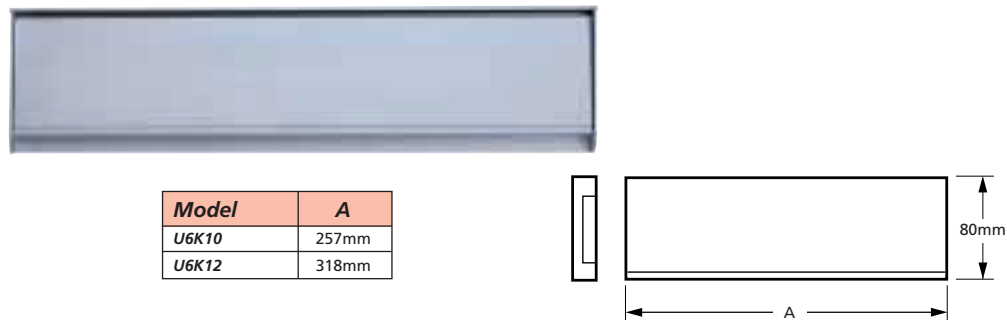
### UNION Letter Plates



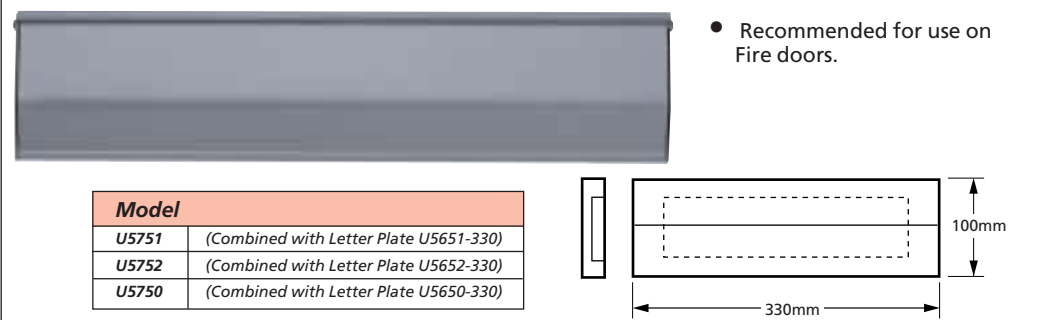
### UNION Letter Plates



### UNION Door Tidy



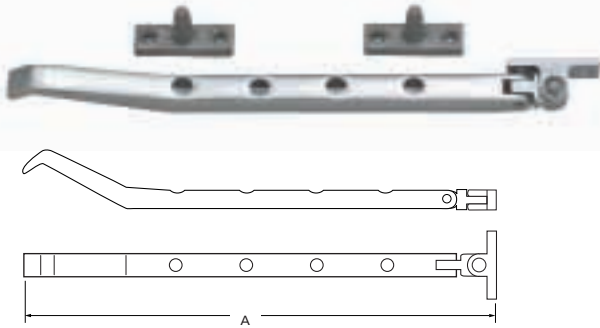
### UNION Letter Plate / Door Tidy Combination Sets



## Fittings

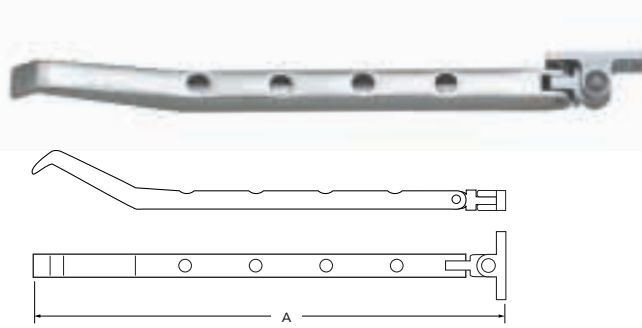
### UNION Casement Stays

- Casement stay with two straight pins.



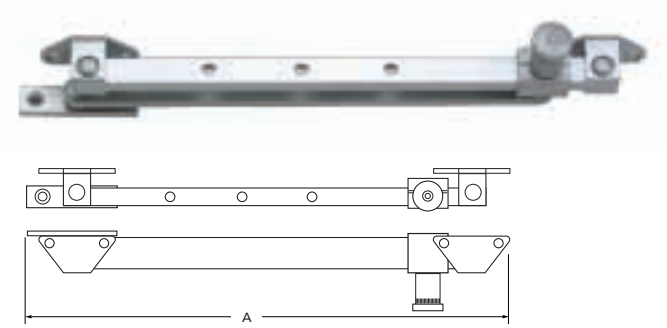
Model	A
U7012-21-10	254mm
U7012-21-12	305mm

- Casement stay with two EJMA pins.



Model	A
U7012-22-10	254mm
U7012-22-12	305mm

- Casement double arm stay.

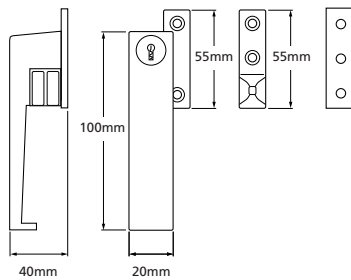


Model	A
U7A10	254mm
U7A12	306mm

### UNION Locking Casement Fastener

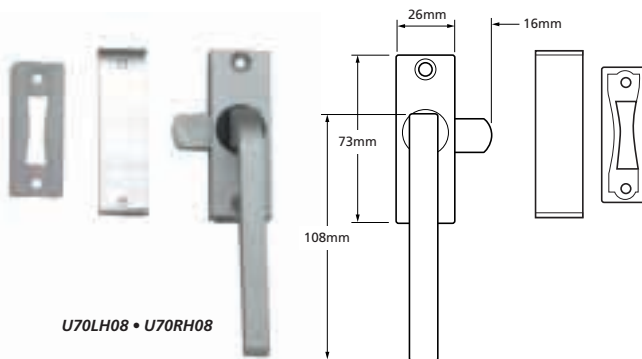


U7122



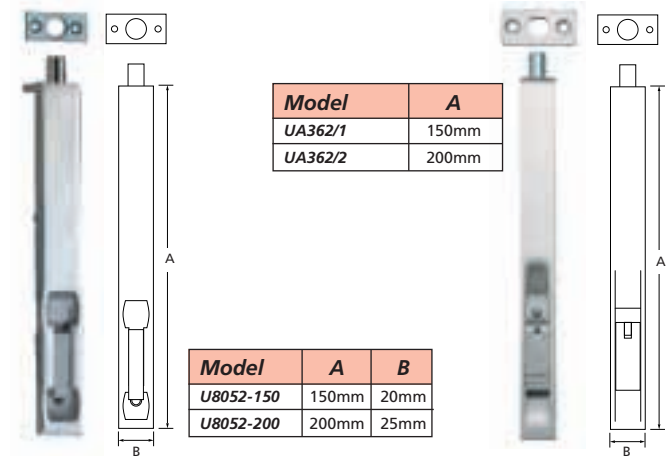
### UNION Cockspur Fastener

- U70-LH08 is left hand. U70-RH08 is right hand.
- 7N



U70LH08 • U70RH08

### UNION Lever Action Flush Bolt



Model	A
UA362/1	150mm
UA362/2	200mm

Model	A	B
U8052-150	150mm	20mm
U8052-200	200mm	25mm

## Fittings

### UNION Emergency Exit Break Dome Covers

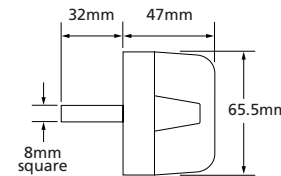
U8070 Covered Turn



U8071 for Profile Cylinder

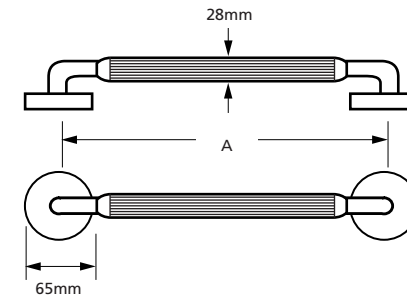


U8072 for a Lever Handle



- Replacement domes available.

### UNION Reliabrail

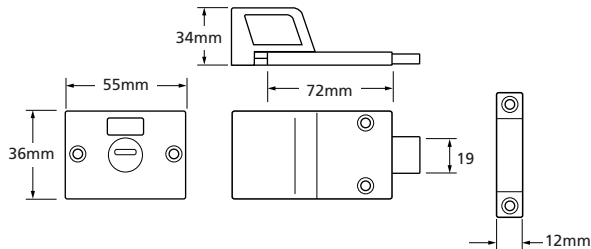


Model	A
U8H3	300mm
U8H5	500mm
U8H7	700mm

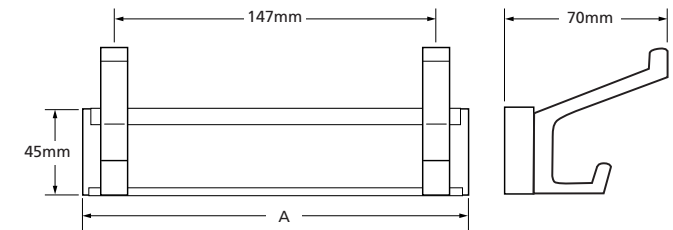
### UNION Indicator Bolts



U8098



### UNION Multirack Hat & Coat Hooks & Connector Unit



- U8100 Multirack Connector unit.
- U8101 One Hook Unit.
- U8102 Two Hook Unit.
- U8103 Three Hook Unit.
- U8104 Four Hook Unit.
- U8105 Five Hook Unit.
- U8106 Six Hook Unit.

Model	A
U8101	500mm
U8102	300mm
U8103	350mm
U8104	500mm
U8105	650mm
U8106	800mm

## Styling

The furniture is available in two styles:

### Rose Style

The handle and cylinder escutcheon are available separately on a rose.



### Backplate Style

The handle and cylinder cut out are on a single backplate.



## Fixings

All fixings, such as screws and bolts are supplied.

## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.
- In the UK this is commonly 57mm, although other sizes are available.



## Features and Functions

### Fixing Types

The furniture can be fixed to the door in two ways.

### Bolt Through

The inside and outside furniture are bolted together with a pair of special bolts that pass through the lock and door.

### Face Fix

The furniture is screw fixed to the surface of the door.

### Concealed Fixing

Some products feature clip on cover plates which cover the fixings.

### Handle Fixing

Round bar levers are fixed to the spindle with a grub screw.

### Spindle

All furniture is supplied with an 8mm spindle.

### Springing

#### Sprung

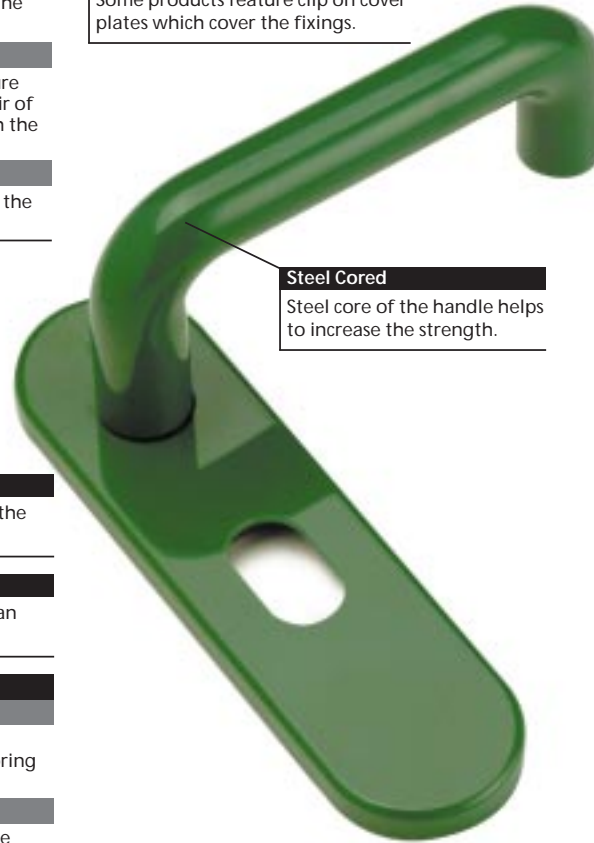
The lever returns to the rest position irrespective of any spring action in the lock.

#### Unsprung

The lever returns to rest on the spring action of the lock only.

### Steel Cored

Steel core of the handle helps to increase the strength.



**Guarantee**  
Guarantee period applicable when original Union maintenance instructions are followed.



**Fire Resistant**  
Certain products have been included in a successful fire test to BS 476 PT22



Products that meet PSAMOBH3PS have been tested to the performance specifications issued by the Property Services Agency.

### Lever Furniture Variations

The furniture is available to suit mortice locks and latches, either using roses and escutcheons or backplates - lever key, euro profile, oval profile, bathroom and latch types are included.

#### Latch (LA)

For use with tubular latches.

#### Lever Lock (LO)

For use with mortice locks operated by a lever key.

#### Euro (PE)

For use with cylinder mortice locks operating with a Euro Profile cylinder

#### Oval (PO)

For use with cylinder mortice locks operating with an Oval Profile cylinder.

#### Bathroom (PB)

For use with mortice locks that incorporate a spindle thrown deadbolt.

<b>Finish:</b>	Black RAL 9005	White RAL 9016	Blue RAL 5002	Dark Blue RAL 5003	Red RAL 3003	Dark Red RAL 3005
	Light Grey RAL 7036	Dark Grey RAL 7043	Green RAL 6016	Yellow RAL 1004	Brown RAL 8017	

## Lever Handles - Return to Door



**UNION** UN100RR

Page  
FF24



**UNION** UN100 Range

Page  
FF24

**UNION**  
Furniture

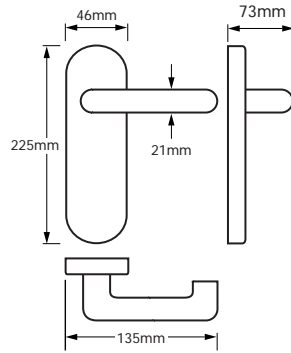
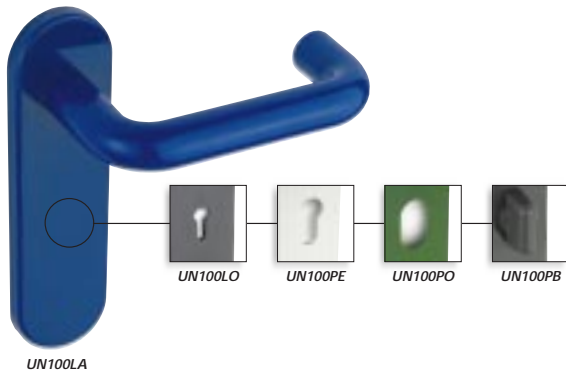
Security Features



	Styling	Features / Functions							Finish Options																	
		Backplate	Rose	Latch	Lock	Euro	Oval	Bathroom	Centres	Face Fix	Fixing Bolt Through	Concealed Fixing	Springing Sprung	Un Sprung	9005	9016	5002	5003	3003	3005	7036	7043	6016	1004	8017	
<b>UNION</b> Lever Handles - Return to Door																										
UN100RR Steel Core Round Bar	●	●							●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
UN100LA Steel Core Round Bar		●	●						●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
UN100LO Steel Core Round Bar		●		●				57mm	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
UN100PE Steel Core Round Bar		●			●			48mm	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
UN100PO Steel Core Round Bar		●				●		48mm	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●
UN100PB Steel Core Round Bar		●					●	57mm	●		●		●	●	●	●	●	●	●	●	●	●	●	●	●	●

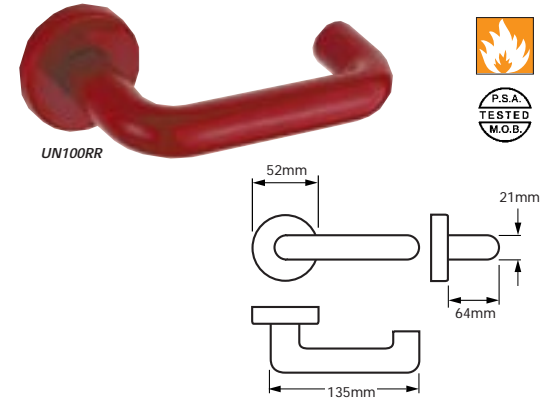
## Lever Handles - Return to Door

**UNION** 21mm Round Bar Handle on Backplate



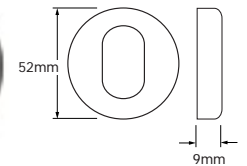
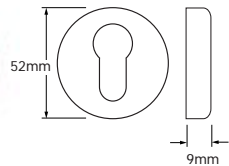
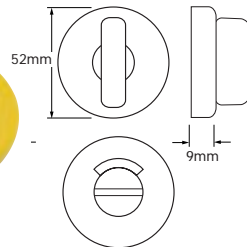
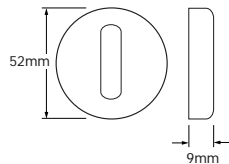
	Model	Centres
	UN100LA	n/a
	UN100LO	57mm
	UN100PE	48mm
	UN100PO	48mm
	UN100PB	57mm

**UNION** 21mm Round Bar Round Rose Handle

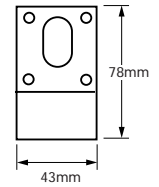
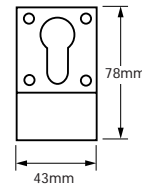
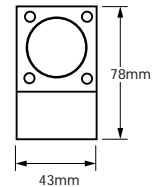
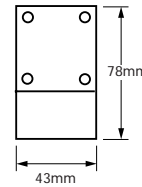


## Fittings

**UNION** Escutcheons and Turn & Indicator



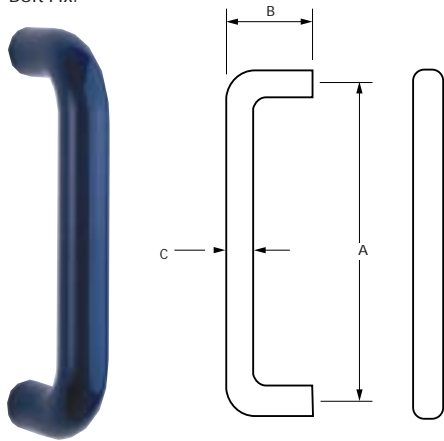
**UNION** Cylinder Pulls



## Fittings

### UNION Pull Handles

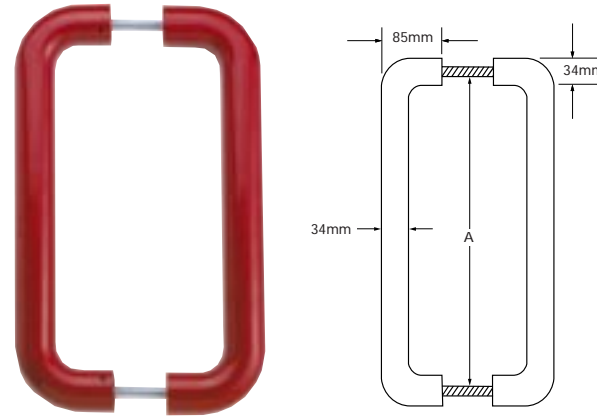
- Bolt Fix.



Model	A	B	C
UN131/1BF	165mm	64mm	23mm
UN131/2BF	220mm	85mm	34mm
UN131/3BF	300mm	85mm	34mm

### UNION Pull Handles

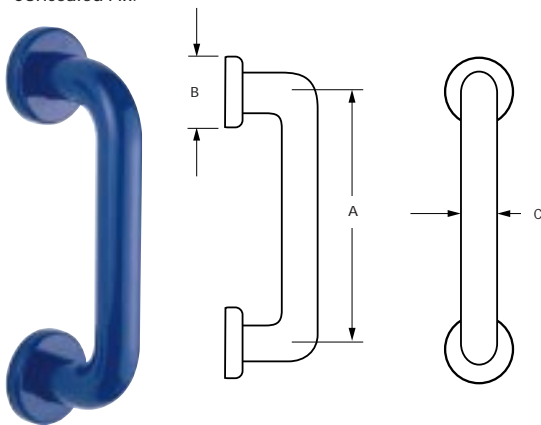
- Back to Back Fix.



Model	A
UN133/2BB	220mm
UN133/3BB	300mm

### UNION Pull Handles

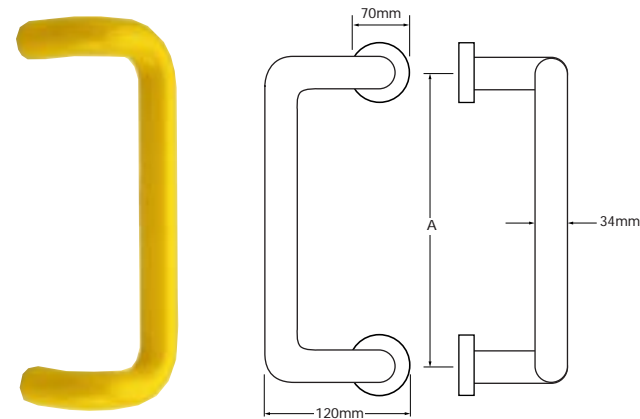
- Concealed Fix.



Model	A	B	C
UN132/1CF	165mm	52mm	23mm
UN132/2CF	220mm	70mm	34mm
UN132/3CF	300mm	70mm	34mm

### UNION Pull Handles

- UN134 Range are Bolt Fix.
- UN135 Range are Concealed Fix.

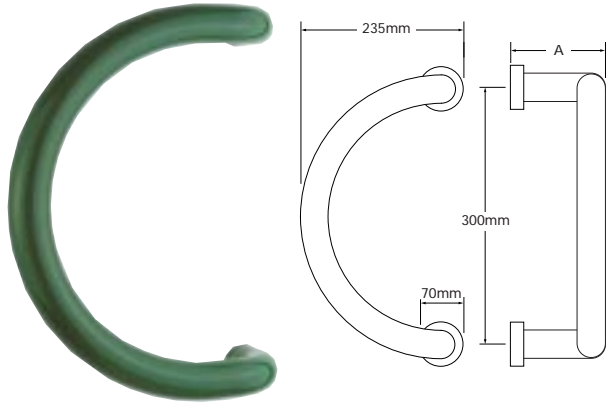


Model	A
UN134/2CBF	200mm
UN134/3CBF	300mm
UN135/2CCF	200mm
UN135/3CCF	300mm

## Fittings

### UNION Pull Handles

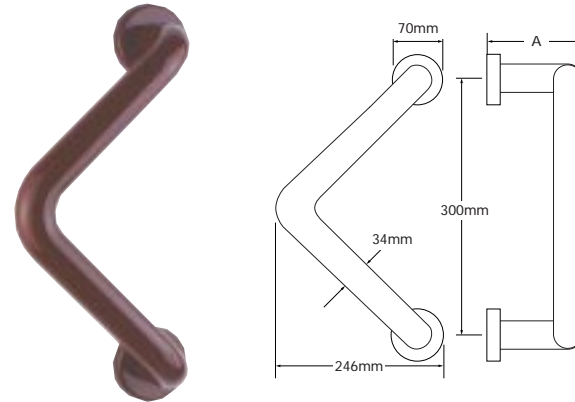
- UN137/3SBF is Bolt Fix.
- UN137/3SCF is Concealed Fix.



Model	A
UN137/3SBF	88mm
UN137/3SCF	98mm

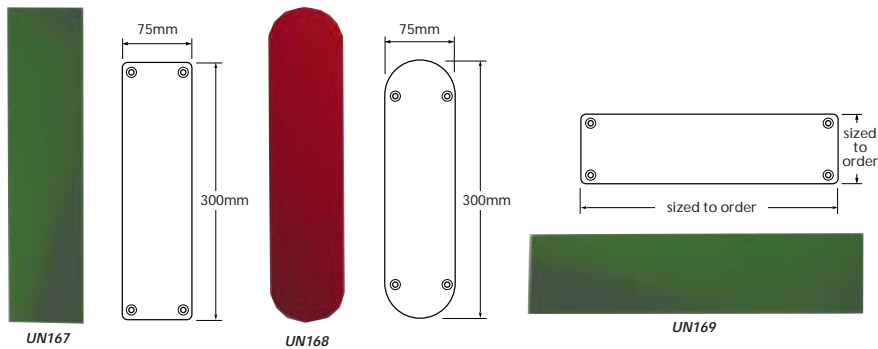
### UNION Pull Handles

- UN136/3TBF is Bolt Fix.
- UN136/3TCF is Concealed Fix.

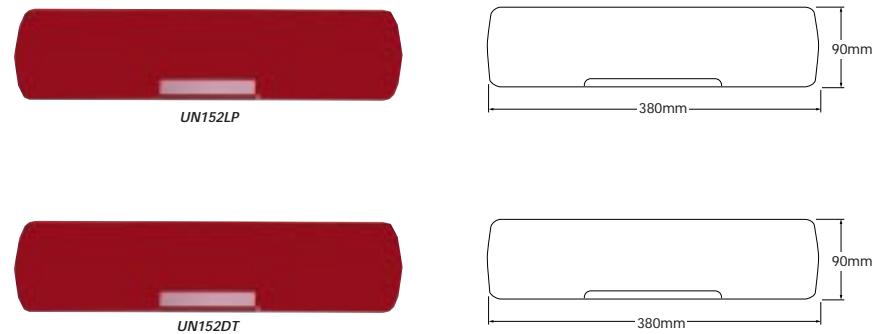


Model	A
UN136/3TBF	85mm
UN136/3TCF	97mm

### UNION Finger Plates & Kicking Plates



### UNION Letter Plate & Door Tidy

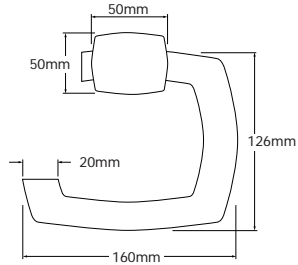


## Fittings

**UNION** Toilet Roll Holder



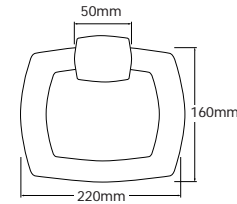
UN149TH



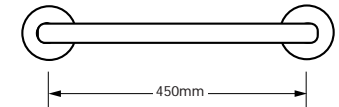
**UNION** Towel Ring & Towel Rail



UN150R



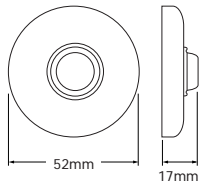
UN150TR



**UNION** Bell Push



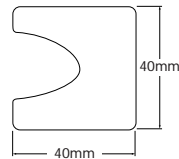
UN164BP



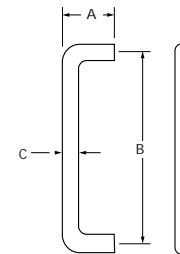
**UNION** Cupboard Knob



UN161CK

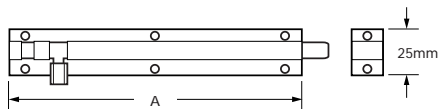


**UNION** Cabinet Handles



Model	A	B	C
UN141/6CH	32mm	64mm	10mm
UN141/9CH	38mm	96mm	12mm

**UNION** Barrel Bolts

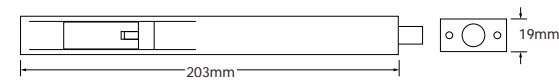


Model	A
UN158/1	152mm
UN158/2	200mm

**UNION** Flush Bolt



UN162FB



## Fittings

### UNION Signs & Symbols



UN165DS



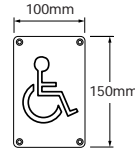
UN165FS



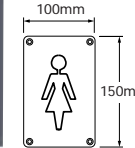
UN165MS



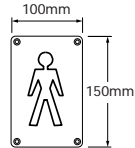
UN166DS



UN166FS



UN166MS



- Rigid Plastic - Screw fixing.
- All exit signs feature running person icon.



Sign shown is:  
UNSF E FIRE EXIT ↗

- UNSGFA FIRE EXIT →
- UNSGFB FIRE EXIT ←
- UNSGFC FIRE EXIT ↓
- UNSGFD FIRE EXIT ↑
- UNSGFE FIRE EXIT ↗

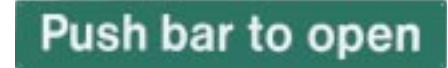
- UNSGEF EXIT →
- UNSGEG EXIT ←
- UNSGEH EXIT ↓
- UNSGEJ EXIT ↑
- UNSGEK EXIT ↗



Sign shown is:  
UNSBJ Fire exit keep clear

- Available as Rigid Plastic - Screw fixing, or Vinyl Self Adhesive.

- UNSB A Fire door keep closed
- UNSB B Fire door keep locked
- UNSB C Automatic fire door
- UNSB D Close this door at night
- UNSB E This door is alarmed
- UNSB F Alarm will sound if bar is pushed
- UNSB G This door must be kept closed
- UNSB H Gangway keep clear
- UNSB J Fire escape keep clear
- UNSB K Fire exit keep clear

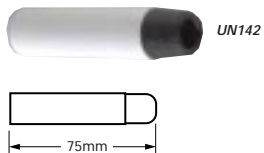


UNSG L

- Rigid Plastic - Screw fixing.

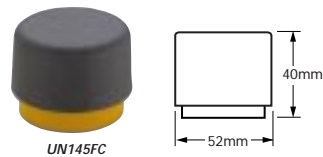
### UNION Door Stops

#### Secret Fix Wall Mounted



UN142

#### Concealed Fix Floor Mounted



UN145FC

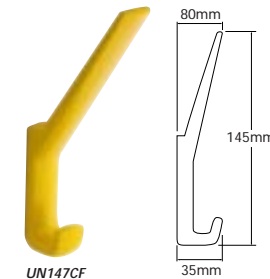
### UNION Hooks

#### Wardrobe Hook



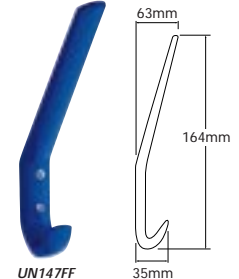
UN146W

#### Hat & Coat Hook - Concealed Fix



UN147CF

#### Hat & Coat Hook - Face Fix



UN147FF

## Styling

The furniture is available in two styles:

### Rose Style

The handle and cylinder escutcheon are available separately on a rose.



### Backplate Style

The handle and cylinder cut out are on a single backplate.



## Fixings

All fixings, such as screws and bolts are supplied.

## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.
- In the UK this is commonly 57mm, although other sizes are available.



## Features and Functions

### Fixing Types

The furniture can be fixed to the door in two ways.

#### Bolt Through

The inside and outside furniture are bolted together with a pair of special bolts that pass through the lock and door.

#### Face Fix

The furniture is screw fixed to the surface of the door.

### Concealed Fixing

Some products feature clip on cover plates which cover the fixings.



### Handle Fixing

Round bar levers are fixed to the spindle with a grub screw.

### Spindle

All furniture is supplied with an 8mm spindle.

### Springing

#### Sprung

The lever returns to the rest position irrespective of any spring action in the lock.

#### Unsprung

The lever returns to rest on the spring action of the lock only.

Finish:  Satin Stainless Steel  Polished Stainless Steel

Ideal for use with: Mortice locks & latches



**Guarantee**  
Guarantee period applicable when original Union maintenance instructions are followed.



Products that meet MOB3PS have been tested to the performance specifications issued by the Property Services Agency.

### Lever Furniture Variations

The furniture is available to suit mortice locks and latches, either using roses and escutcheons or backplates - lever key, euro profile, oval profile, bathroom and latch types are included.

#### Latch (LA)

For use with tubular latches.

#### Lever Lock (LO)

For use with mortice locks operated by a lever key.

#### Euro (PE)

For use with cylinder mortice locks operating with a Euro Profile cylinder

#### Oval (PO)

For use with cylinder mortice locks operating with an Oval Profile cylinder.

#### Bathroom (PB)

For use with mortice locks that incorporate a spindle thrown deadbolt.

## Lever Handles - Return to Door



**UNION** US400 Range Page  
FF32

## Lever Handles - Straight



**UNION** US402 Range Page  
FF32



**UNION** US403 Range Page  
FF32



**UNION** US400RRS Page  
FF32



**UNION** US402RRS Page  
FF32



**UNION** US403RRS Page  
FF32

Security Features



Guarantee

Features / Functions

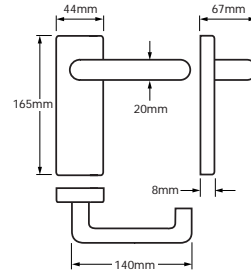
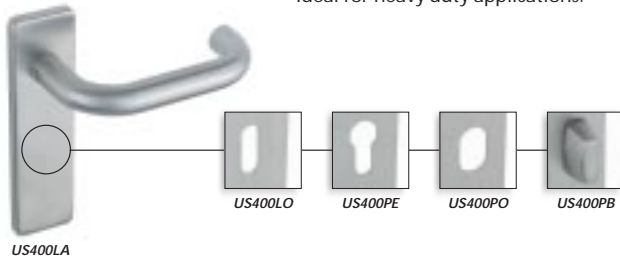
Finish Options

UNION	Lever Handles - Return to Door		Features / Functions											Finish Options			
			Backplate	Styling Rose	Latch	Lock	Variation Euro	Oval	Bathroom	Centres	Face Fix	Fixing Bolt Through	Concealed Fixing	Springing Sprung	Springing Un Sprung	SSS	PPS
	Lever Handles - Return to Door																
	<i>US400RRS 20mm Round Bar handle</i>	5		•						•		•	•			•	•
	<i>US400LA 20mm Round Bar handle</i>	5	•		•					•		•		•		•	•
	<i>US400LO 20mm Round Bar handle</i>	5	•							•		•		•		•	•
	<i>US400PE 20mm Round Bar handle</i>	5	•							•		•		•		•	•
	<i>US400PO 20mm Round Bar handle</i>	5	•						•			•		•		•	•
	<i>US400PB 20mm Round Bar handle</i>	5	•							•		•		•		•	•
	Lever Handles - Straight																
	<i>US402RRS 20mm Round Bar handle</i>	5		•						•		•	•			•	•
	<i>US402LA 20mm Round Bar handle</i>	5	•		•					•		•		•		•	•
	<i>US402LO 20mm Round Bar handle</i>	5	•							•		•		•		•	•
	<i>US402PE 20mm Round Bar handle</i>	5	•							•		•		•		•	•
	<i>US402PO 20mm Round Bar handle</i>	5	•						•			•		•		•	•
	<i>US402PB 20mm Round Bar handle</i>	5	•							•		•		•		•	•
	<i>US403RRS 20mm Shaped Round Bar Handle</i>	5		•						•		•	•			•	•
	<i>US403LA 20mm Shaped Round Bar Handle</i>	5	•		•					•		•		•		•	•
	<i>US403LO 20mm Shaped Round Bar Handle</i>	5	•							•		•		•		•	•
	<i>US403PE 20mm Shaped Round Bar Handle</i>	5	•							•		•		•		•	•
	<i>US403PO 20mm Shaped Round Bar Handle</i>	5	•						•			•		•		•	•
	<i>US403PB 20mm Shaped Round Bar Handle</i>	5	•							•		•		•		•	•

## Lever Handles - Return to Door

### UNION 20mm Round Bar Handle on Backplate

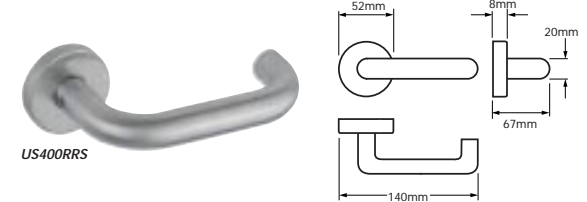
- Ideal for heavy duty applications.



	Model	Centres
	US400LA	n/a
●	US400LO	57mm
●	US400PE	48mm
●	US400PO	48mm
●	US400PB	57mm

### UNION 20mm Round Bar Round Rose Handle

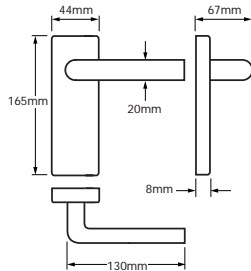
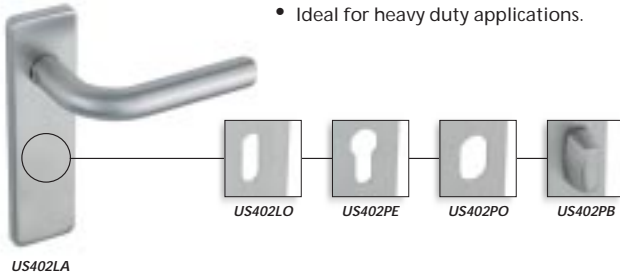
- Ideal for heavy duty applications.



## Lever Handles - Straight

### UNION 20mm Round Bar Handle on Backplate

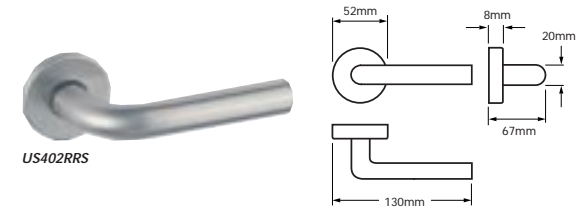
- Ideal for heavy duty applications.



	Model	Centres
	US402LA	n/a
●	US402LO	57mm
●	US402PE	48mm
●	US402PO	48mm
●	US402PB	57mm

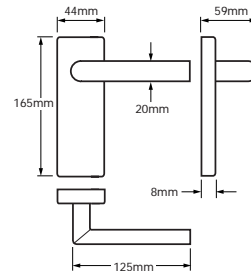
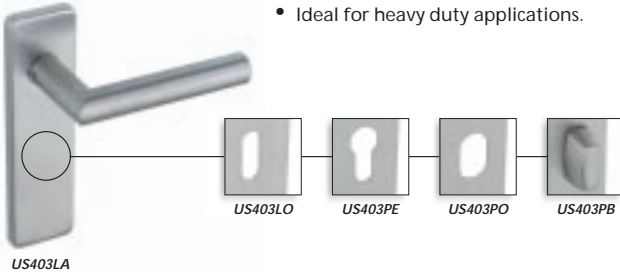
### UNION 20mm Round Bar Round Rose Handle

- Ideal for heavy duty applications.



### UNION 20mm Round Bar Handle on Backplate

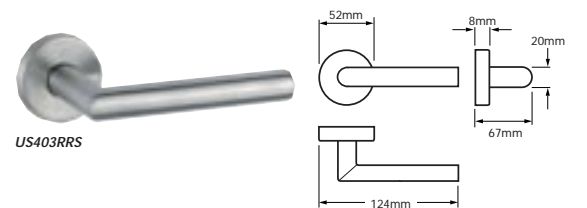
- Ideal for heavy duty applications.



	Model	Centres
	US403LA	n/a
●	US403LO	57mm
●	US403PE	48mm
●	US403PO	48mm
●	US403PB	57mm

### UNION 20mm Round Bar Round Rose Handle

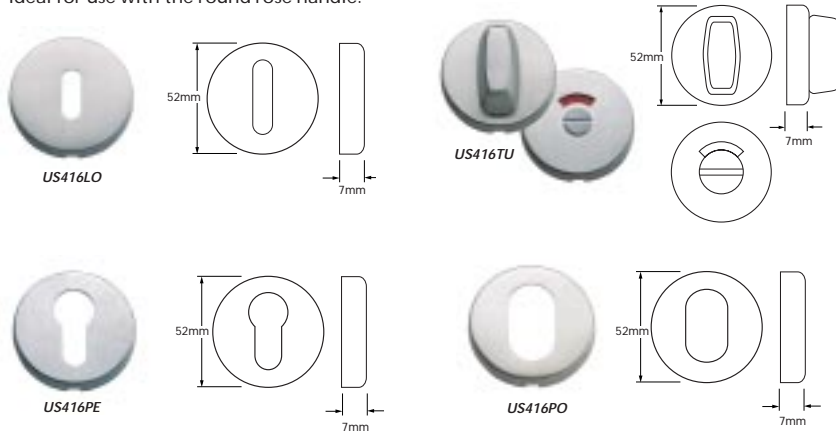
- Ideal for heavy duty applications.



## Fittings

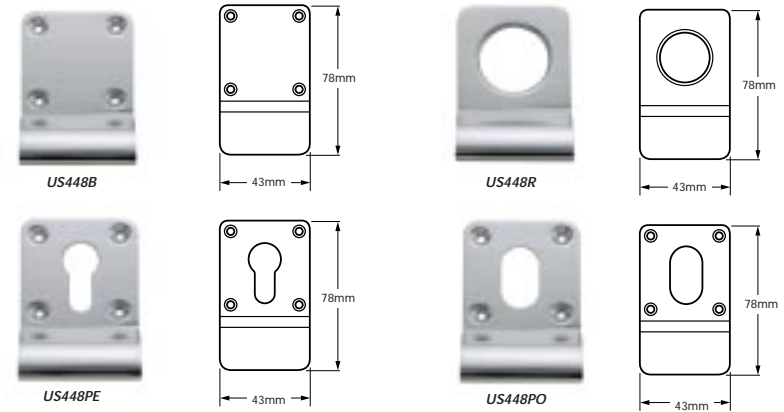
### UNION Escutcheons & Turn Indicator

- Ideal for use with the round rose handle.



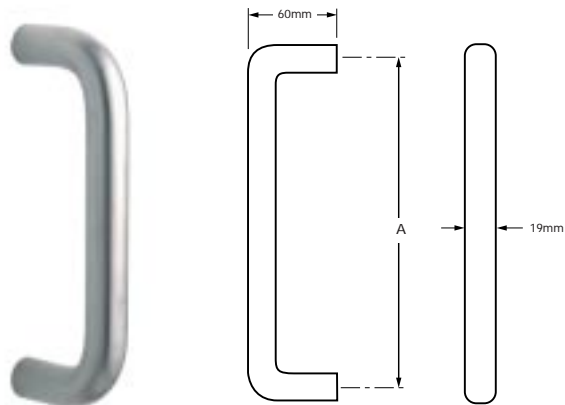
### UNION Cylinder Pulls

- Ideal for heavy duty applications.



### UNION Pull Handles

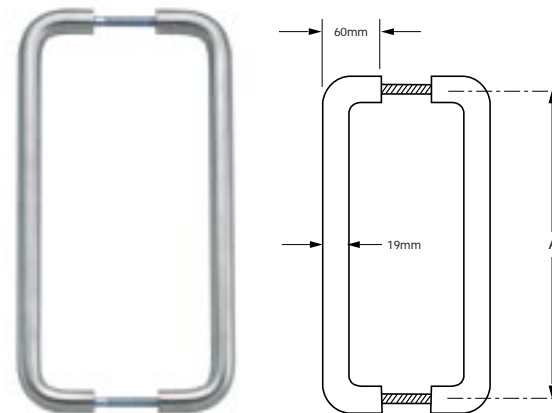
- Bolt Fix.



Model	A
US417/1BF	150mm
US417/2BF	225mm
US417/3BF	300mm

### UNION Pull Handles

- Back to Back Fix.

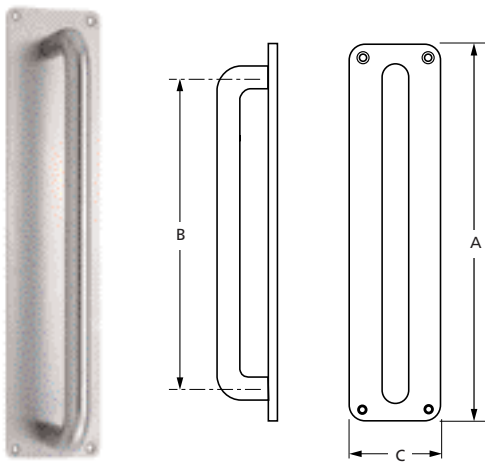


Model	A
US419/1BB	150mm
US419/2BB	225mm
US419/3BB	300mm

## Fittings

### UNION Pull Handles

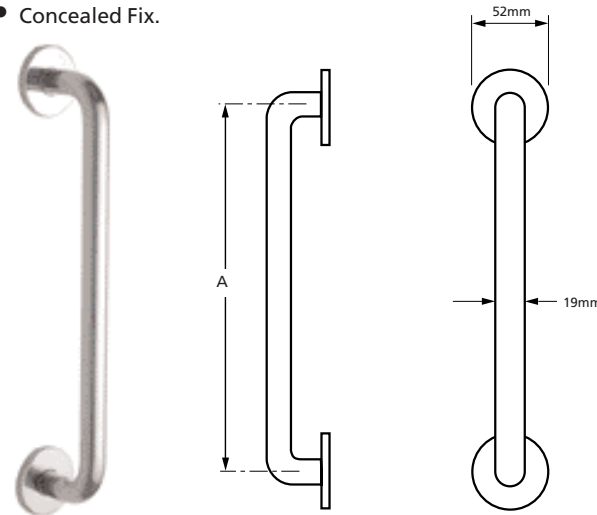
- Pull handle mounted on Backplate, Screw Fix.



Model	A	B	C
US420/1P	165mm	150mm	155mm
US420/2P	300mm	225mm	75mm
US420/3P	350mm	300mm	75mm

### UNION Pull Handles

- Concealed Fix.

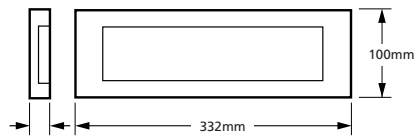


Model	A
US418/1CF	150mm
US418/2CF	225mm
US418/3CF	300mm

### UNION Letter Plate & Door Tidy



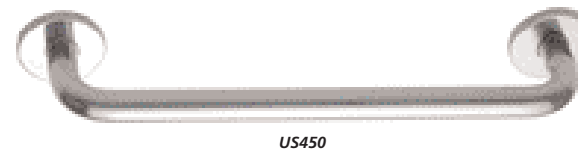
US452



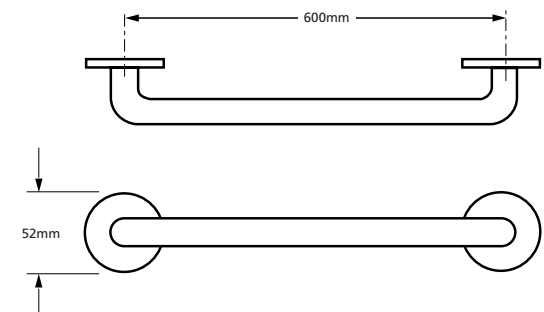
US453



### UNION Towel Rail



US450



## Fittings

**UNION** Finger Plates & Kicking Plates

US467  
US468  
75mm  
300mm  
sized to order  
sized to order  
US469

**UNION** Toilet Roll Holder

US449  
135mm  
70mm

**UNION** Bell Push

US464  
52mm

**UNION** Hand Rail Bracket

US465  
52mm  
76mm

**UNION** Flush Bolt

- Lever Action.

US462  
19mm  
250mm

**UNION** Signs

- Dimensions of 100mm x 150mm.

US466MS  
US466FS  
US466DS  
100mm  
150mm  
100mm  
150mm  
100mm  
150mm

## Fittings

### UNION Wall Mounted Door Stops

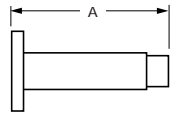
Secret Fix



US442



Concealed Fix



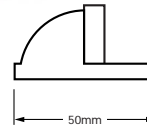
Model	A
US444/5	50mm
US444/7	75mm

### UNION Floor Mounted Door Stops

Oval Shielded



US445OFS



Concealed Fix



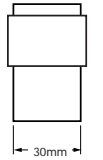
US445FC



Bumper Secret Fix



US445FB

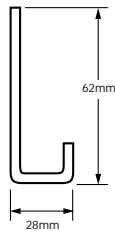
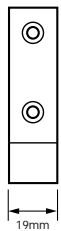


### UNION Hooks

Wardrobe Hook



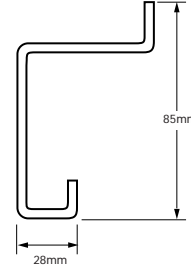
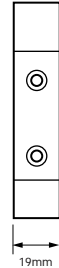
US446



Hat & Coat Hook



US447



## Notes

UNION

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## Styling

The furniture is available in two styles:

### Rose Style

The handle and cylinder escutcheon are available separately on a rose.



### Backplate Style

The handle and cylinder cut out are on a single backplate.



- In addition to the contemporary round bar range, Chubb also have a range of classic Georgian and Victorian styles available.

## Fixings

All fixings, such as screws and bolts are supplied.

## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.
- In the UK this is commonly 57mm, although other sizes are available.



## Features and Functions

### Fixing Types

The furniture can be fixed to the door in two ways.

### Bolt Through

The inside and outside furniture are bolted together with a pair of special bolts that pass through the lock and door.

### Face Fix

The furniture is screw fixed to the surface of the door.

### Concealed Fixing

Some products feature clip on cover plates which cover the fixings.

### Handle Fixing

Round bar levers are fixed to the spindle with a grub screw.

### Spindle

All furniture is supplied with an 8mm spindle.

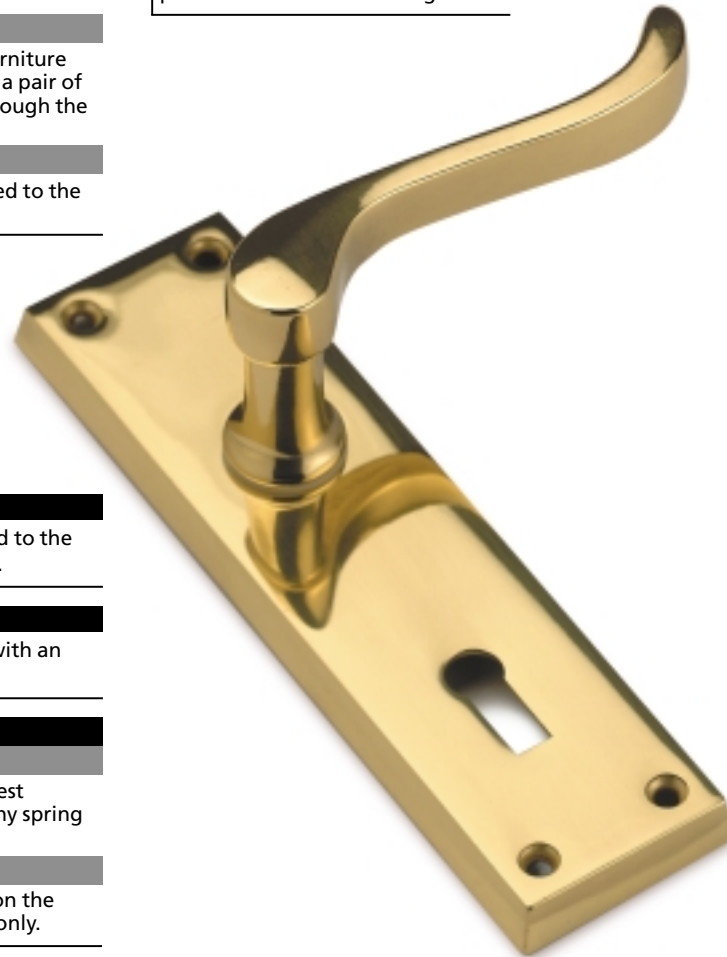
### Springing

#### Sprung

The lever returns to the rest position irrespective of any spring action in the lock.

#### Unsprung

The lever returns to rest on the spring action of the lock only.



Finish: Polished Brass

Ideal for use with: Mortice locks & latches.



**Guarantee**  
Guarantee period applicable when original Union maintenance instructions are followed.

### Lever Furniture Variations

The furniture is available to suit mortice locks and latches, either using roses and escutcheons or backplates - lever key, euro profile, oval profile, bathroom, privacy and latch types are included.

#### Latch (LA)

For use with tubular latches.

#### Lever Lock (LO)

For use with mortice locks operated by a lever key.

#### Euro (PE)

For use with cylinder mortice locks operating with a Euro Profile cylinder.

#### Oval (PO)

For use with cylinder mortice locks operating with an Oval Profile cylinder.

#### Bathroom (PB)

For use with mortice locks that incorporate a spindle thrown deadbolt.

#### Privacy (PR)

For use with tubular latches where the handle requires locking.

## Lever Handles - Return to Door



**UNION** UBR200 Range Page FF40

## Lever Handles - Georgian Style



**UNION** UBR207 Range Page FF40

## Lever Handles - Victorian Style



**UNION** UBR205 Range Page FF41



**UNION** UBR206 Range • UBR208 Range Page FF41



**UNION** UBR200RR Page FF40



**UNION** UBR207PR Page FF40



**UNION** UBR205PR Page FF41



**UNION** UBR206PR Page FF41

Security Features



Guarantee

Features / Functions

Finish Options

Polished Brass

**UNION** Lever Handles - Return to Door

		Styling				Variation											
		Backplate	Rose	Latch	Lock	Euro	Oval	Bathroom	Privacy	Centres	Fixing Face Fix	Bolt Through	Concealed Fixing	Springing Sprung	Un Sprung	Other	
<i>UBR200RR 20mm Round Bar handle</i>	5		•								•		•	•			•
<i>UBR200LA 20mm Round Bar handle</i>	5	•		•							•		•		•		•
<i>UBR200LO 20mm Round Bar handle</i>	5	•			•					57mm	•		•		•		•
<i>UBR200PE 20mm Round Bar handle</i>	5	•				•				48mm	•		•		•		•
<i>UBR200PO 20mm Round Bar handle</i>	5	•					•			48mm	•		•		•		•
<i>UBR200PB 20mm Round Bar handle</i>	5	•						•		57mm	•		•		•		•

**UNION** Lever Handles - Georgian Style

<i>UBR207LA Georgian Handle</i>	5	•		•							•			•		SB	•
<i>UBR207LO Georgian Handle</i>	5	•			•					57mm	•			•			•
<i>UBR207PB Georgian Handle</i>	5	•						•		57mm	•			•			•
<i>UBR207PR Georgian Handle</i>	5	•							•		•			•		SB	•

**UNION** Lever Handles - Victorian Style

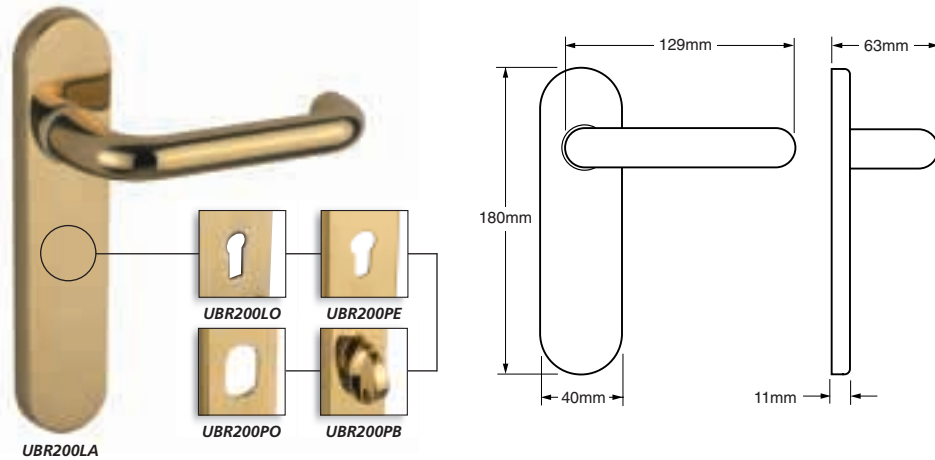
<i>UBR205LA Victorian Straight</i>	5	•		•							•			•		SB	•
<i>UBR205LO Victorian Straight</i>	5	•			•					57mm	•			•			•
<i>UBR205PB Victorian Straight</i>	5	•						•		57mm	•			•			•
<i>UBR205PR Victorian Straight</i>	5	•							•		•			•		SB	•
<i>UBR206LA Victorian Scroll</i>	5	•		•							•			•		SB	•
<i>UBR206LO Victorian Scroll</i>	5	•			•					57mm	•			•			•
<i>UBR206PB Victorian Scroll</i>	5	•						•		57mm	•			•			•
<i>UBR206PR Victorian Scroll</i>	5	•							•		•			•		SB	•
<i>UBR208LA Victorian Shaped Scroll</i>	5	•		•							•			•		SB	•
<i>UBR208LO Victorian Shaped Scroll</i>	5	•			•					57mm	•			•			•
<i>UBR208PB Victorian Shaped Scroll</i>	5	•						•		57mm	•			•			•

Key: SB = Short Backplate

## Lever Handles - Return to Door

### UNION 20mm Round Bar Handle on Backplate

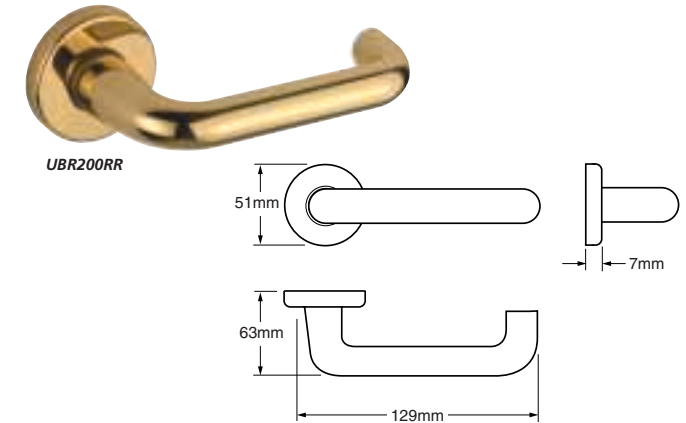
- Bathroom version has inside turn and outside emergency release.
- Ideal for heavy duty applications.



	Model	Centres
	UBR200LA	n/a
🔑	UBR200LO	57mm
🔑	UBR200PE	48mm
🔑	UBR200PO	48mm
🔑 + 🚪	UBR200PB	57mm

### UNION 20mm Round Bar Round Rose Handle

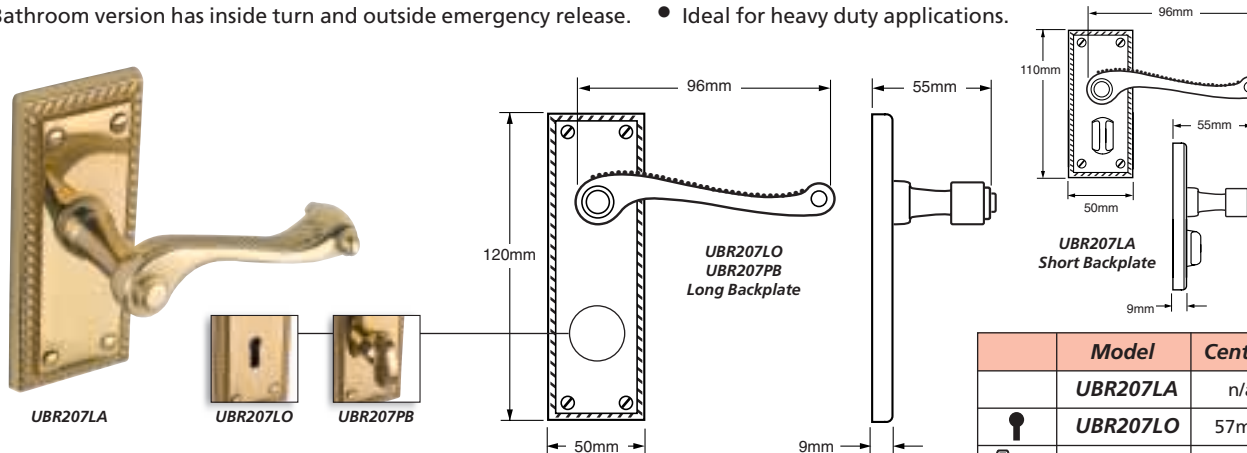
- Ideal for heavy duty applications.
- See fittings for matching eschutcheons.



## Lever Handles - Georgian Style

### UNION Georgian Handle on Backplate

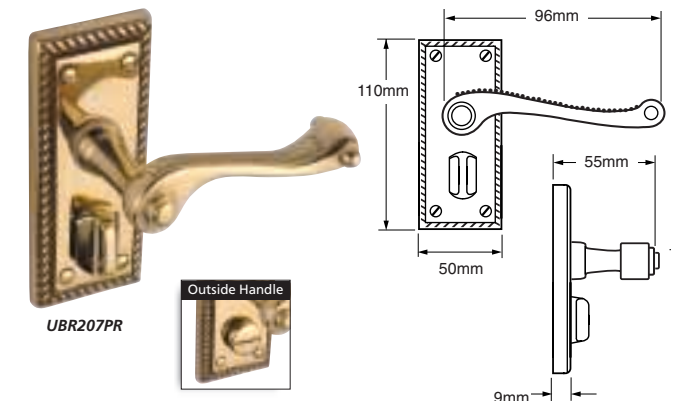
- Bathroom version has inside turn and outside emergency release.
- Ideal for heavy duty applications.



	Model	Centres
	UBR207LA	n/a
🔑	UBR207LO	57mm
🔑 + 🚪	UBR207PB	57mm

### UNION Georgian Privacy Handle

- Ideal for medium/heavy duty applications.
- For use with tubular latches.
- Inside turn locks handle, emergency release on outside handle.



## Lever Handles - Victorian Style

### UNION Straight Handle on Backplate

- Ideal for medium/heavy duty applications.
- Bathroom version has inside turn and outside emergency release.

	Model	Centres
	UBR205LA	n/a
	UBR205LO	57mm
	UBR205PB	57mm

### UNION Straight Privacy Handle

- Ideal for medium/heavy duty applications.
- For use with tubular latches.
- Inside turn locks handle, emergency release on outside handle.

### UNION Scroll Handle on Backplate

- Ideal for medium/heavy duty applications.
- Bathroom version has inside turn and outside emergency release.

**Victorian Shaped Scroll**

- Victorian Scroll handle on a shaped backplate (203mm x 50mm).
- Available in Latch, Lock and Bathroom variations.

**UNION UBR208 Range**

	Model	Ctr.
	UBR206LA UBR208LA	n/a
	UBR206LO UBR208LO	57mm
	UBR206PB UBR208PB	57mm

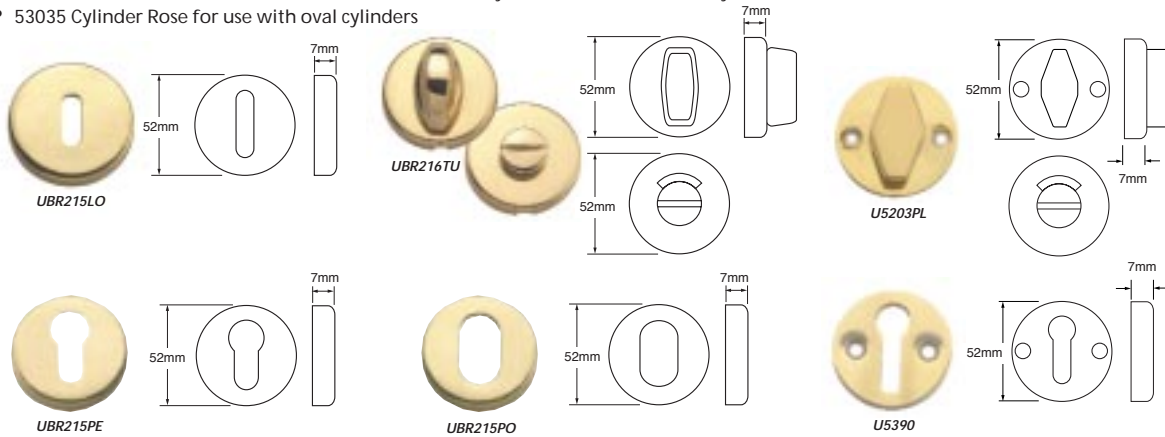
### UNION Scroll Privacy Handle

- Ideal for medium/heavy duty applications.
- For use with tubular latches.
- Inside turn locks handle, emergency release on outside handle.

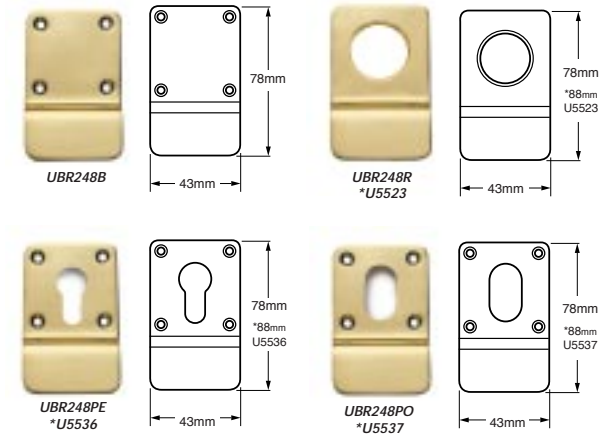
## Fittings

### UNION Escutcheons and Turn Indicator

- Ideal for use with the round rose handle.
- U53036 Cylinder Rose to suit 2X11 cylinder.
- 53035 Cylinder Rose for use with oval cylinders

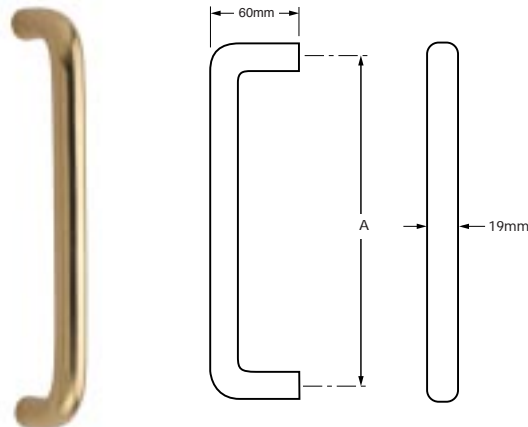


### UNION Cylinder Pulls



### UNION Pull Handles

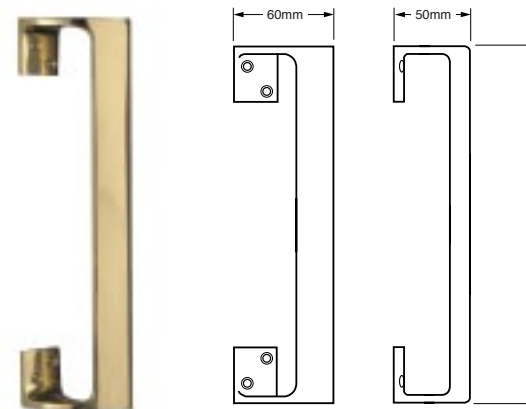
- Bolt fix handle.



Model	A
UBR217/1BF	150mm
UBR217/2BF	225mm
UBR217/3BF	300mm

### UNION Pull Handles

- Cranked pull handle, screw fix.

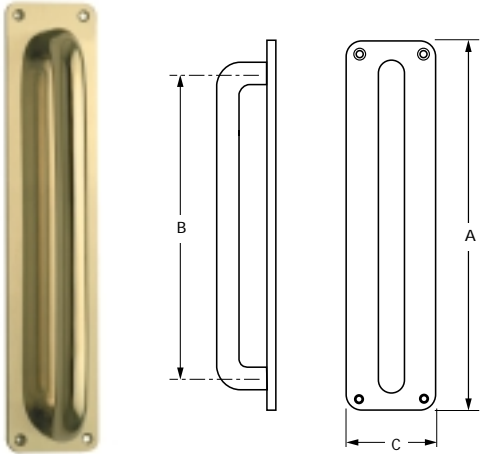


Model	A
UBR238/2	225mm
UBR238/3	300mm

## Fittings

### UNION Pull Handles

- Pull handle mounted on backplate, screw fix.

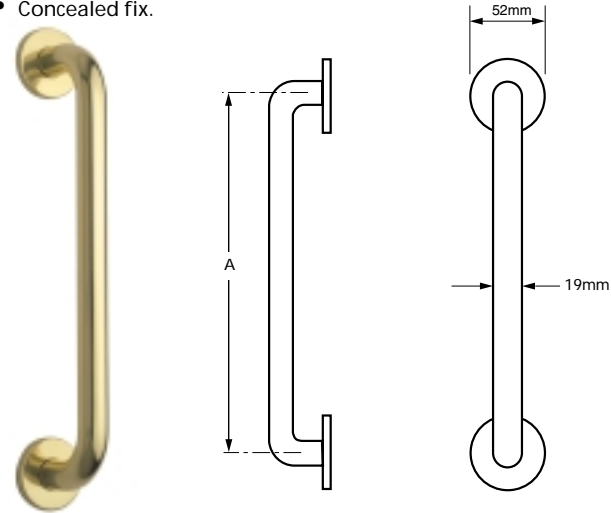


UNION UBR220/IP

Model	A	B	C
UBR220/1P	165mm	150mm	155mm
UBR220/2P	300mm	225mm	75mm
UBR220/3P	350mm	300mm	75mm

### UNION Pull Handles

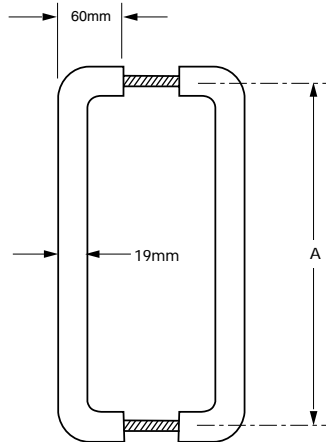
- Concealed fix.



Model	A
UBR218/1CF	150mm
UBR218/2CF	225mm
UBR218/3CF	300mm

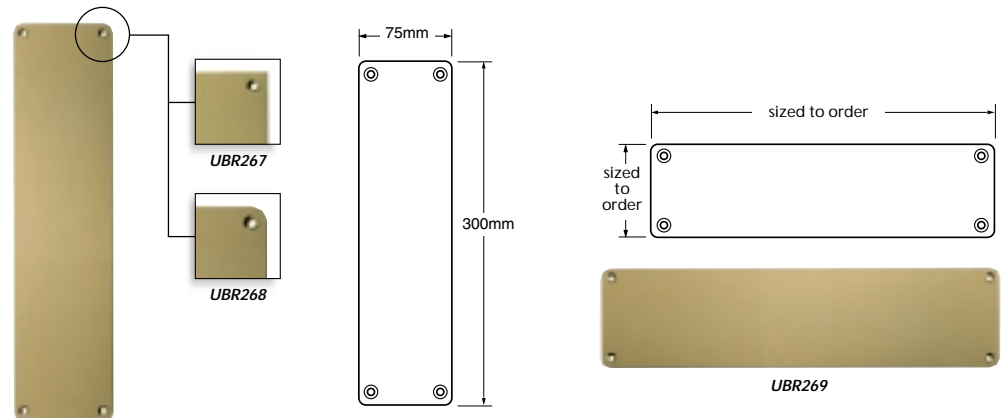
### UNION Pull Handles

- Ideal for heavy duty applications.
- Back to Back fix.



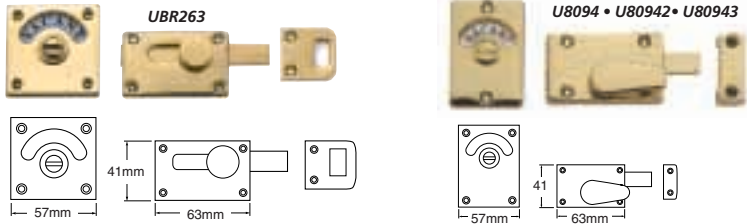
Model	A
UBR219/1BB	150mm
UBR219/2BB	225mm
UBR219/3BB	300mm

### UNION Finger Plates & Kicking Plate



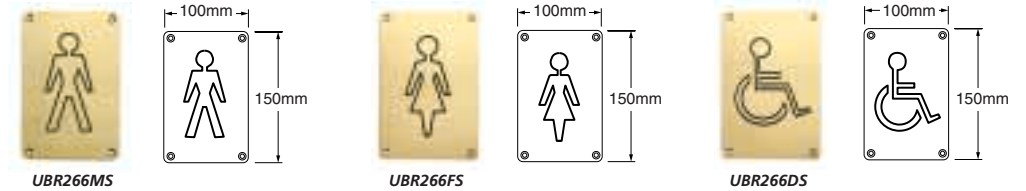
## Fittings

### UNION Indicator Bolt

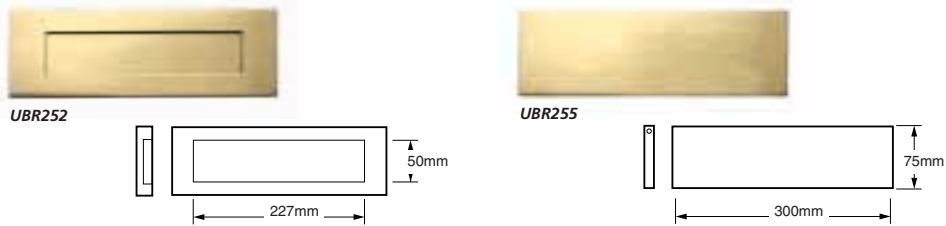


- U80942 has flat striking Plate.
- U80943 has angled striking Plate.

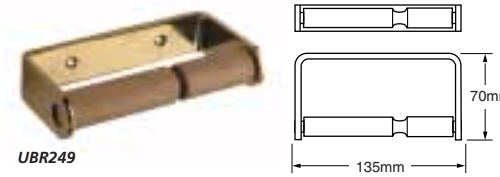
### UNION Signs



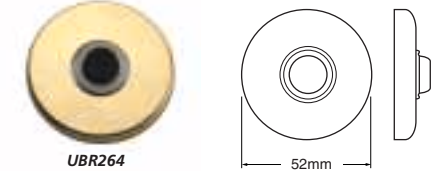
### UNION Letter Plate & Door Tidy



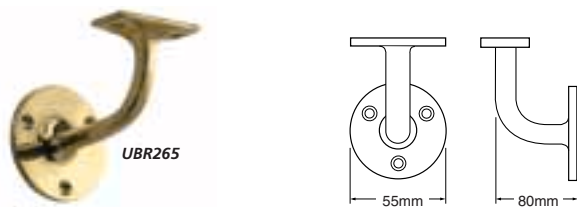
### UNION Toilet Roll Holder



### UNION Bell Push



### UNION Hand Rail Bracket

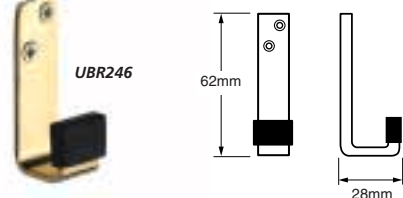


### UNION Towel Rail



### UNION Hooks

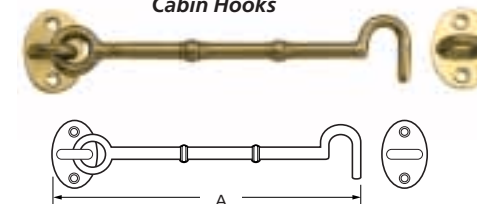
#### Wardrobe Hook



#### Hat & Coat Hook



#### Cabin Hooks



Model	A
UBR259/1	76mm
UBR259/2	102mm
UBR259/3	152mm
UBR259/4	204mm
UBR259/5	254mm
UBR259/6	305mm

## Fittings

### UNION Wall Mounted Door Stops

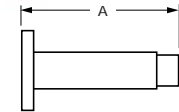
Secret Fix



UBR242



Concealed Fix



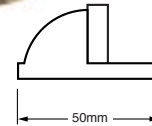
Model	A
UBR244/5	50mm
UBR244/7	75mm

### UNION Floor Mounted Door Stops

Oval Shielded



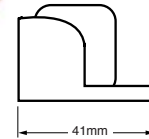
UBR245OFS



Round Shielded



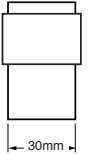
UBR245FS



Bumper Secret Fix

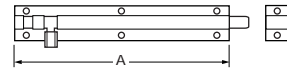


UBR245FB



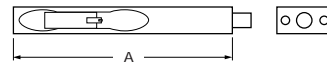
### UNION Bolts

Barrell Bolts



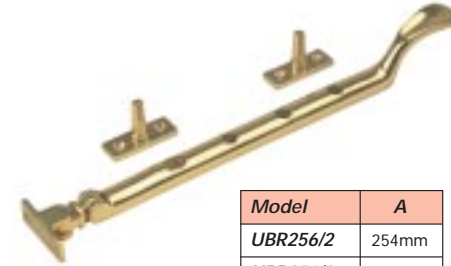
Model	A
UBR258/2	100mm
UBR258/3	150mm

Lever Action Flush Bolts

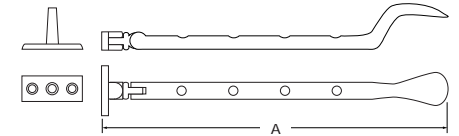


Model	A
UBR262/1	150mm
UBR262/2	200mm

### UNION Casement Stay



Model	A
UBR256/2	254mm
UBR256/3	300mm

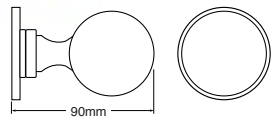


### UNION Knob Furniture & Cabinet Handle

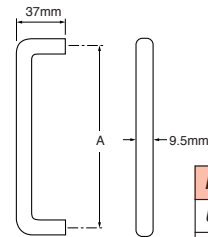
- Supplied with 8mm spindle.



UBR260



UBR240



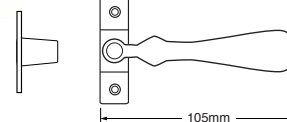
Model	A
UBR240/10	100mm
UBR240/15	152mm

### UNION Casement Fasteners

Wedge Type



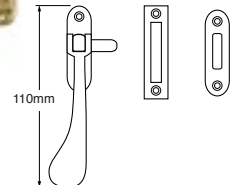
UBR257W



Hook Type



UBR257H



## Styling

The furniture is available in backplate style only.

### Backplate Style

The handle and cylinder cut out are on a single backplate.



## Fixings

All fixings, such as screws and bolts are supplied.

## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.
- In the UK this is commonly 57mm, although other sizes are available.



## Features and Functions

### Fixing Types

#### Face Fix

The furniture is screw fixed to the surface of the door.

### Concealed Fixing

Some products feature clip on cover plates which cover the fixings.

### Spindle

All furniture is supplied with a spindle.

### Springing

#### Sprung

The lever returns to the rest position irrespective of any spring action in the lock.

#### Unsprung

The lever returns to rest on the spring action of the lock only.



**Guarantee**  
Guarantee period applicable when original Union maintenance instructions are followed.



### Lever Furniture Variations

The furniture is available to suit mortice locks and latches, either using roses and escutcheons or backplates - lever key, oval profile, bathroom and latch types are included.

#### Latch (LA)

For use with tubular latches.

#### Lever Lock (LO)

For use with mortice locks operated by a lever key.

#### Oval (PO)

For use with cylinder mortice locks operating with an Oval Profile cylinder.

#### Bathroom (PB)

For use with mortice locks that incorporate a spindle thrown deadbolt.

Finish:

Chrome Plated

Satin Chrome

Ideal for use with: Mortice locks & latches

## Lever Handles - Return to Door



**UNION** Gower Range

Page  
FF48

## Lever Handles - Straight



**UNION** Radius Range

Page  
FF48

**UNION**  
Furniture

Security Features



Guarantee

### Features / Functions

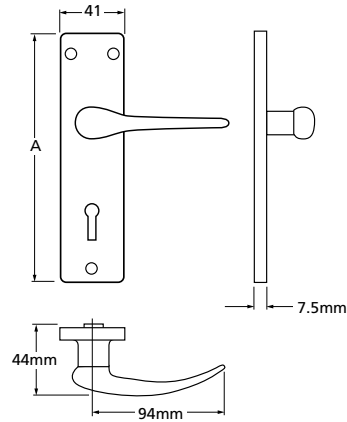
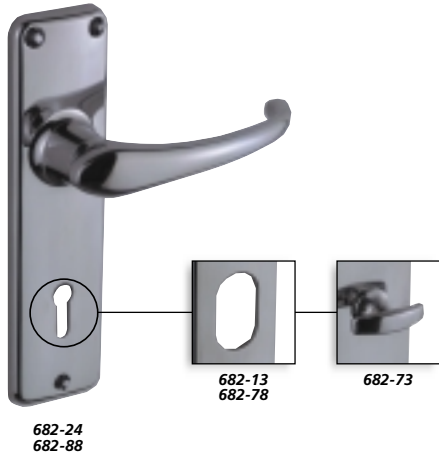
### Finish Options

UNION	Product Name	Security	Features / Functions													Finish Options			
			Backplate	Styling Rose	Latch	Lock	Variation			Centres	Face Fix	Bolt Through	Concealed Fixing	Springing Sprung	Un Sprung	Other	Chrome Plated	Satin Chrome	
<b>UNION</b> Lever Handles - Gower																			
682-42	Return to Door Handle LA	5	•		•								•				SB	•	•
682-24	Return to Door Handle LO	5	•		•					57mm			•					•	•
682-88	Return to Door Handle LO	5	•		•					72mm			•				LB	•	•
682-13	Return to Door Handle PO	5	•					•		48mm			•					•	•
682-78	Return to Door Handle PO	5	•					•		72mm			•				LB	•	•
682-73	Return to Door Handle PB	5	•						•	57mm			•				LH/RH	•	•
<b>UNION</b> Lever Handles - Radius																			
692-42	Straight Handle LA	5	•		•								•				SB	•	•
692-24	Straight Handle LO	5	•		•					57mm			•					•	•
692-88	Straight Handle LO	5	•		•					72mm			•				LB	•	•
692-13	Straight Handle PO	5	•					•		48mm			•					•	•
692-78	Straight Handle PO	5	•					•		72mm			•				LB	•	•
692-73	Straight Handle PB	5	•						•	57mm			•				LH/RH	•	•

Key: SB = Short Backplate. LB = Long Backplate. LH = Left Hand. RH = Right hand.

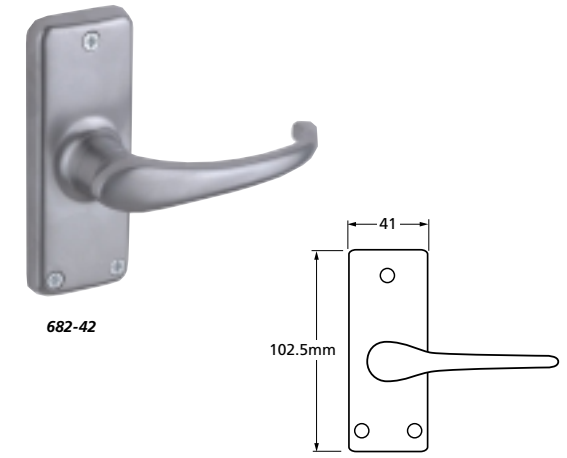
## Gower Range

**UNION** Return to Door Handle on Backplate



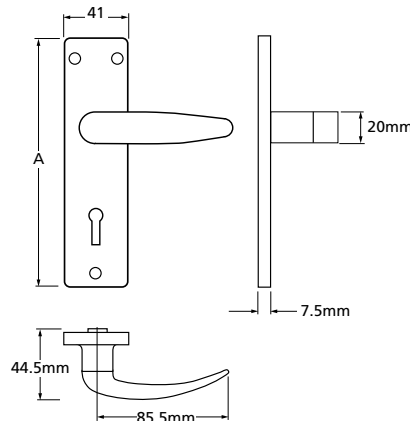
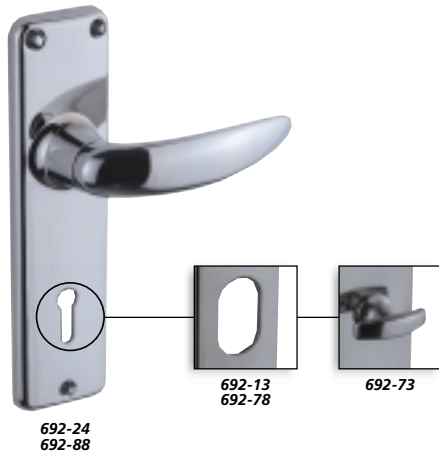
	Model	Centres	A
🔑	682-24	57mm	152mm
🔑	682-88	72mm	178mm
🔒	682-13	48mm	152mm
🔒	682-78	72mm	178mm
🔑🔒	682-73	57mm	152mm

**UNION** Return to Door Handle on Short Backplate



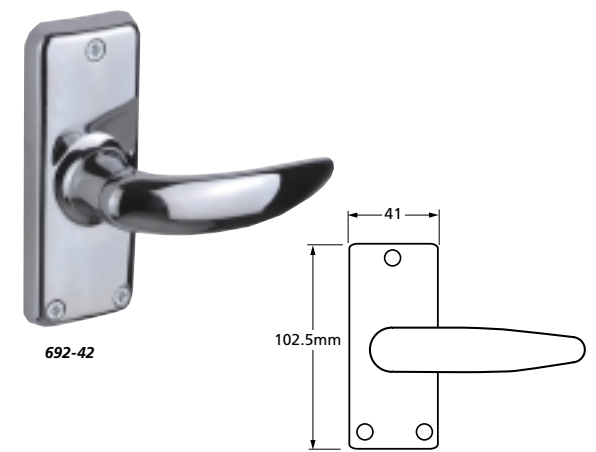
## Radius Range

**UNION** Straight Handle on Backplate



	Model	Centres	A
🔑	692-24	57mm	152mm
🔑	692-88	72mm	178mm
🔒	692-13	48mm	152mm
🔒	692-78	72mm	178mm
🔑🔒	692-73	57mm	152mm

**UNION** Straight Handle on Short Backplate



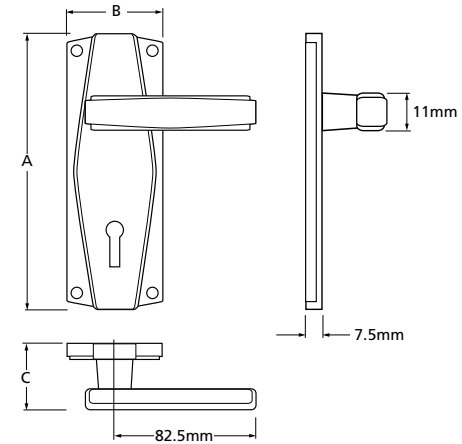


## Wedge

### UNION Straight Handle on Backplate

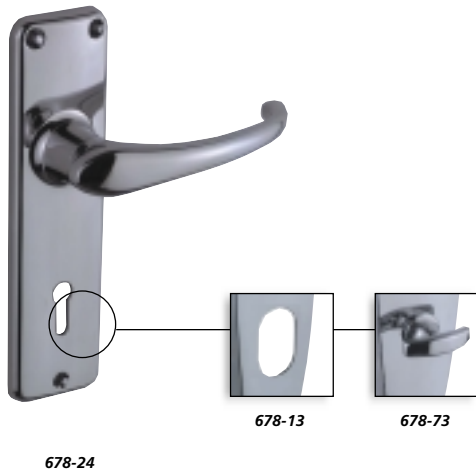


	Model	Centres	A	B	C
	693-24	57mm	152mm	42mm	36.5mm
	693-88	72mm	203mm	47.5mm	45mm
	693-13	48mm	152mm	42mm	36.5mm
	693-78	72mm	203mm	47.5mm	45mm
	693-73	57mm	152mm	42mm	36.5mm

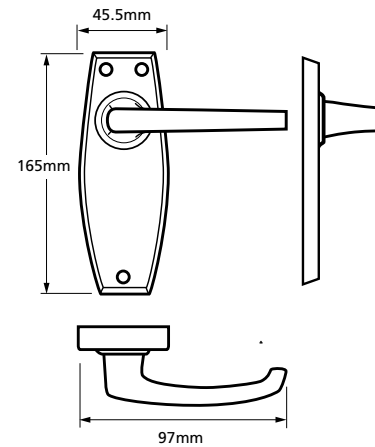


## Bello

### UNION Return to Door Handle on Backplate



	Model	Centres
	678-24	57mm
	678-13	48mm
	678-73	57mm



## Styling

### Classic



### Tulip

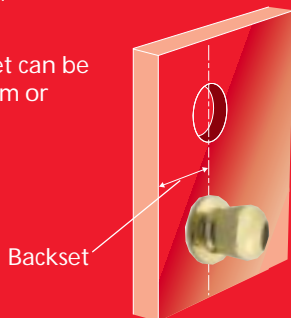


## Fixings

All fixings, such as screws and bolts are supplied.

## Door types & Backsets

- Ideal for use on timber doors.
- The outside rose and backplate are adjustable to allow for various door thicknesses, between 33mm and 51mm.
- The Union knobset can be fitted with a 60mm or 70mm backset.



## Features and Functions

### Deadlocking Latch

When the door is closed a pin in the latch is automatically depressed which deadlocks the latch preventing it from being forced back.



### Locking Mechanism

All key locking knobs are supplied with 3 keys on the 5 pin tumbler mechanism and 2 keys on the System K mechanism.

### Room Occupied Indicator

The 'Hotel' set features an indicator in the outside knob which shows when the room is occupied.

### Anti-Lockout

Push button knobs have an anti-lockout function which means that if the door is shut with the inside button depressed, it is automatically released to prevent a lockout.

### Removable Cylinder

The knobset cylinder can be removed to allow for a cost effective key change in the event of lost keys



### Handing

All knobsets feature a solid brass reversible latch to suit either hand of door.



Products endorsed with the UL mark have passed strict testing procedures under the control of the Underwriters Laboratories Incorporated.



**Protected Section**  
Available on a patented key section.



**Escape**  
The panic release knobsets always allow egress from the inside when the knob is locked.



**Key Control**  
The products can be included in a key control system.



**Guarantee**  
Guarantee period applicable when used with original Union Keys and maintenance instructions followed.

### Variations

Combinations of the inside and outside knobs create sets with different functions.

#### Non-locking

Rotating the knob will always retract the latch.



#### Key locking

A turn of the key locks or unlocks the knob.



#### Push Button

Operation of the push button locks the outside knob.



#### Turn Button

Turning of the button locks or releases the outside knob.



#### Emergency Button

Turning the slotted emergency release button unlocks the knob



Finish:

Polished Brass

Satin Chrome

## Knobsets



**UNION** Classic U969 Range Page FF53



**UNION** Tulip U965 Range Page FF54

## UNION Knobsets

Security Features

Protected Section

Escape

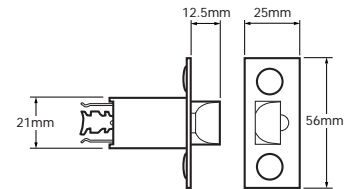
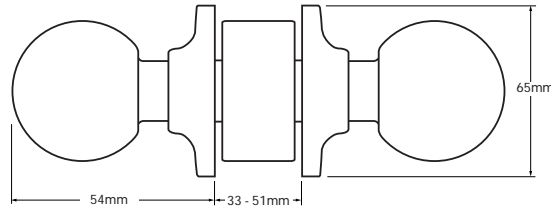
Key Control

Guarantee

	Features / Functions												Finish Options	
	5 Pin	System K	Auto Deadlocking	Anti Lockout	Turn Button	Non Locking	Push Button	Key Locking	Key Locking	Non Locking	Emergency Release	Room Occupied Indicator	Polished Brass	Satin Chrome
<b>UNION</b> Classic • Tulip														
U96900 • U96500 Entrance Set	•	•	•		•				•				•	•
U96901 • U96501 Classroom Set	•	•	•			•			•				•	•
U96902 • U96502 Night Latch Set	•	•	•			•			K				•	•
U96903 • U96503 Bathroom Set				•			•				•		•	•
U96904 • U96504 Patio Set			•	•			•			•			•	•
U96905 • U96505 Passage Set						•				•			•	•
U96906 • U96506 Hotel Set	•		•	•			•		K		E K	•	•	•
U96907 • U96507 Stores Set	•	•	•					•					•	•
U96910 • U96510 Office Set	•	•	•				•		U				•	•

Key: K = Key retracts latch. U = Key only Unlocks the knobs. EK = Emergency Key retracts the latch.

## Classic Range



<b>Inside</b>	<b>Outside</b>
Turn locks outside knob.	Key locks and unlocks both knobs.
<b>UNION U96900</b>	

<b>Inside</b>	<b>Outside</b>
	Key locks outside knob.
<b>UNION U96901</b>	

<b>Inside</b>	<b>Outside</b>
	Key operates latch (fixed knob).
<b>UNION U96902</b>	

<b>Inside</b>	<b>Outside</b>
Push button locks outside knob.	Emergency release of both knobs.
<b>UNION U96903</b>	

<b>Inside</b>	<b>Outside</b>
Push button locks outside knob.	
<b>UNION U96904</b>	

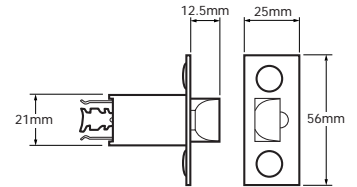
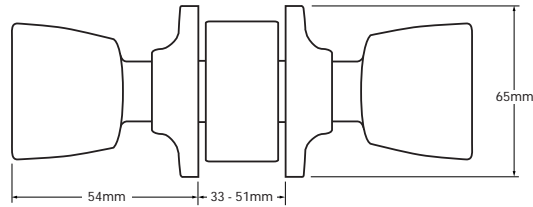
<b>Inside</b>	<b>Outside</b>
<b>UNION U96905</b>	

<b>Inside</b>	<b>Outside</b>
Push button disables outside key & knob.	Keys operate the latch.
<b>UNION U96906</b>	

<b>Inside</b>	<b>Outside</b>
Key operates latch (fixed knob).	Key operates latch (fixed knob).
<b>UNION U96907</b>	

<b>Inside</b>	<b>Outside</b>
Push button locks outside knob.	Key unlocks both knobs.
<b>UNION U96910</b>	

## Tulip Range



<b>Inside</b>	<b>Outside</b>
Turn locks outside knob.	Key locks and unlocks both knobs.
<b>UNION U96500</b>	

<b>Inside</b>	<b>Outside</b>
	Key locks outside knob.
<b>UNION U96501</b>	

<b>Inside</b>	<b>Outside</b>
	Key operates latch (fixed knob).
<b>UNION U96502</b>	

<b>Inside</b>	<b>Outside</b>
Push button locks outside knob.	Emergency release of both knobs.
<b>UNION U96503</b>	

<b>Inside</b>	<b>Outside</b>
Push button locks outside knob.	
<b>UNION U96504</b>	

<b>Inside</b>	<b>Outside</b>
<b>UNION U96505</b>	

<b>Inside</b>	<b>Outside</b>
Push button disables outside key & knob.	Keys operate the latch.
<b>UNION U96506</b>	

<b>Inside</b>	<b>Outside</b>
Key operates latch (fixed knob).	Key operates latch (fixed knob).
<b>UNION U96507</b>	

<b>Inside</b>	<b>Outside</b>
Push button locks outside knob.	Key unlocks both knobs.
<b>UNION U96510</b>	



# Door Closers

- Overhead Door Closers
- Electro-Mag Door Closers
- Floorsprings

DOOR

**UNION**<sup>®</sup>

## Door Closers Index

- *Introduction* D2
- Overhead Closers**
- *BS EN 1154 Classification* D3
- *Features and Functions* D3
- *Cover Designs* D4
- *Cover Finishes* D4
- *Range Table* D5
- *Power Adjustable Closers* D6 - 9
- *Transom Concealed Closer* D10
- Electro-Mag Closers**
- *BS EN 1155 Classification* D11
- *Features and Functions* D11
- *Photo Gallery* D12
- *Range Table* D12
- *Electro Mags* D13 - 14
- Floor Springs**
- *BS EN 1154 Classification* D15
- *Features and Functions* D15
- *Photo Gallery* D16
- *Range Table* D16
- *Floor Springs* D17-19

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offer a comprehensive range of Door Closers for architectural specification.

The range includes overhead closers, electro-magnetic closers, floor springs and automatics.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

There are a choice of cover designs and a variety of power engines sourced from the worlds' leading closer manufacturers. A comprehensive range of finishes are available to complement the furniture ranges.

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example 1:** If you require an overhead closer that meets BS EN 1154 look for the relevant logo.

**Example 2:** If this closer then needs to conform to appropriate fire test requirements, look for icon 9.

*Union, Simplifying the Specification Process.*

## Fitting Configurations

Figure 1

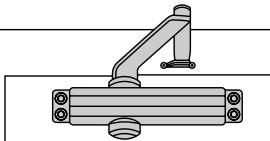


Figure 66

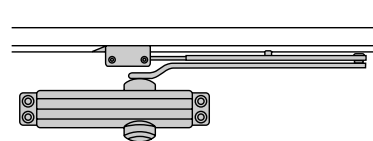
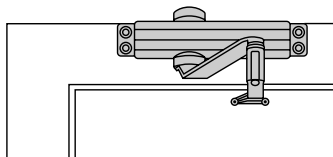
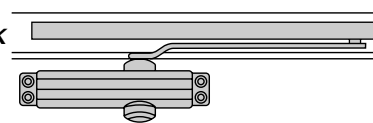


Figure 61



Slide Track



## Standards & Approvals



Classifies door closers using a 6 digit coding system.



Classifies electrically powered hold-open devices using a 6 digit coding system.

## Security Features

- 1 **Protected Section**  
Products are available as an option on a patented key section.
- 2 **Drill Resistant**  
Hardened protection against drill attack.
- 3 **Saw Resistant**  
Hardened protection against saw attack.
- 4 **Force Resistant**  
Built in strength against force attack.
- 5 **Pick Resistant**  
Built in protection to resist picking.
- 6 **Torque Resistant**  
Built in strength against torque attack.
- 7 **Tamper Resistant**  
Built in protection against Tampering.
- 8 **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.
- 9 **Fire Resistant**  
Products conform to appropriate fire test requirements.
- 10 **Escape**  
Products for use on an escape door.
- 11 **Key Control**  
The products can be included in a key control system.
- 12 **Guarantee**  
Products are guaranteed for a period of time.

## BS EN 1154 Classification

This standard classifies door closers using a 6 digit coding system. Each digit relates to a particular feature of the product measured against the standards performance requirements.

- Digit 1 - Category of use**
  - Grade 3: For closing doors from at least 105°.
  - Grade 4: For closing doors from 180° open.
- Digit 2 - Durability**
  - Grade 8: 500,000 test cycles completed.
- Digit 3 - Test door mass/size**

Seven grades are identified as shown in the table below where a closer provides a range of power sizes both the minimum and maximum sizes shall be shown.
- Digit 4 - Fire behaviour**
  - Grade 0: Not suitable for use on fire/smoke doors.
  - Grade 1: Suitable for use on fire/smoke doors. This is assessed outside of BS EN 1154.
- Digit 5 - Safety**
  - Grade 1: All door closers are required to satisfy the essential requirement of safety in use.
- Digit 6 - Corrosion resistance**

Five grades are identified according to BS EN1670.

  - Grade 0: No defined corrosion resistance.
  - Grade 1: Mild resistance.
  - Grade 2: Moderate resistance.
  - Grade 3: High resistance
  - Grade 4: Very high resistance.

Test door mass/size

Door Closer power size	Test door mass Kg	Recommended door leaf width mm.
1	20	750
2	40	850
3	60	950
4	80	1100
5	100	1250
6	120	1400
7	160	1600

### Example

The following marking denotes a closer capable of opening to at least 105°, with a power size of 3, which is suitable for use on fire/smoke doors.

3 8 3 1 1 0

## Features and Functions

### Power Adjust

Only available on higher specification models, this function provides power adjustment of the closer when fitted which allows the power of the closer to be matched exactly to the requirements of the door.

### Covers

Different cover designs are available to suit all but the U1000 and U8510 series closers. These covers are available in a wide choice of architectural finishes.



**Fire Resistant**  
Suitable for use on fire / smoke doors.



**Guarantee**  
Guarantee period applicable when maintenance instructions followed.



Products successfully type-tested for conformity to BS EN 1154.

### Adjustable Latch

Provides adjustable speed control over the last few degrees of closing allowing either slowing down the door to provide a cushioning effect or speeding up to overcome a latch.

### Arm

Either screw or slide adjustable arm as standard.

### Bracket

The provision of a bracket allows the closer to be mounted in the Parallel arm position.



### Backcheck

Provides an adjustable cushioning effect when the door is thrown open.

### Power Adjust Shoe

On certain models the power of the closer can be increased by up to 15% by the positioning of the armset shoe.

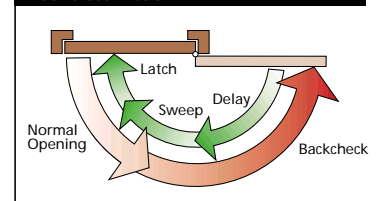
### Delayed Action

Provides an adjustable time delay in the closing cycle of the door allowing the disabled, elderly or trolleys to pass through the door unhindered.

### Adjustable Sweep

Allows adjustment over the closing speed of a door during the sweep phase.

### Door Closer Action



### Finishes:

Silver

Gold

Satin Stainless Steel

Polished Stainless Steel

Brown Bronze

Textured Silver

Polished Brass

Satin Chrome

Polished Chrome

RAL



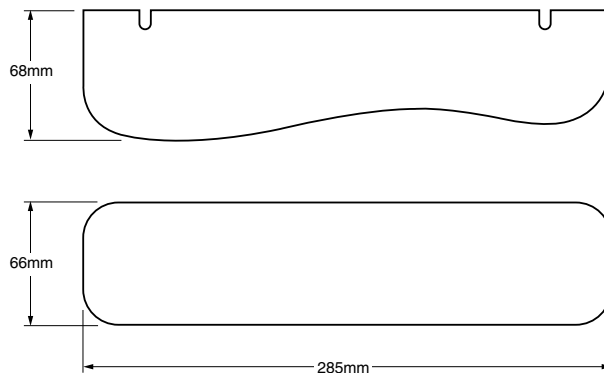
# Cover Designs



## New Wave Cover (NW)



- New style cover for use on Union range of closers.
- Metal construction, fixing via backplate.



## Finishes



• Silver



• Gold



• Satin Stainless Steel



• Polished Stainless Steel



• Brown Bronze



• Textured Silver



• Polished Brass



• Satin Chrome



• Polished Chrome



• Brown RAL 8017



• Red RAL 3003



• Dark Red RAL 3005



• Green RAL 6016



• Yellow RAL 1004



• Light Grey RAL 7036



• Dark Grey RAL 7043



• Black RAL 9005



• White RAL 9016



• Blue RAL 5002

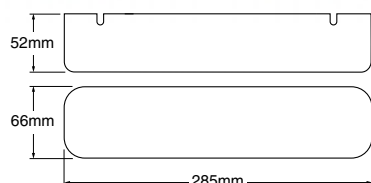
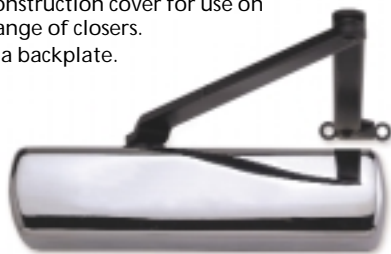


• Dark Blue RAL 5003

## Standard Cover (STD)



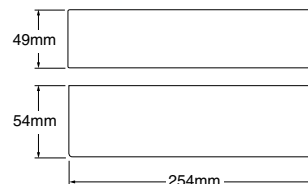
- Metal construction cover for use on Union range of closers.
- Fixing via backplate.



## Union Cover



- Metal construction cover available on both the U8520 and U8525 Union door closers.



Note: Examples of covers are shown throughout the catalogue.



Overhead Door Closers

	Standards	Security Features		Cover Designs		Features & Functions						Finishes													
		CEN BS EN 1154	Fire Resistant	Guarantee	New Wave (NW)	Standard (STD)	Power Size	Adj. Latch	Adj. Sweep	Backcheck	Delayed Action	Hold Open	Arm	S	G	SSS	PSS	BB	TS	PB	SC	PC	RAL		
<b>UNION</b> Fixed Power																									
U1000			●	10			2/3	●	●				1, 61, 66	●											
U8510			●	10			3	●	●				1, 61	●	●										
<b>UNION</b> Fixed Power																									
U2003			●	10	●	●	3	●	●				1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
U8520			●	10		Union	3	●	●				1, 61, 66	●	●										
<b>UNION</b> Power Adjustable																									
U2501BCM		48 <sup>4</sup> <sub>1</sub> 1110	●	10	●	●	1/2/3/4	●	●	●		O	1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
U2501DLM		48 <sup>4</sup> <sub>1</sub> 1110	●	10	●	●	1/2/3/4	●	●	●	●	O	1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
U2511BCM		48 <sup>4</sup> <sub>1</sub> 1110	●	10	●	●	1/2/3/4	●	●	●	●	●	ST	●	●	●	●	●	●	●	●	●	●	●	●
U8525		48 <sup>4</sup> <sub>1</sub> 1110	●	10		Union	1/2/3/4	●	●	●			1, 61, 66	●	●										
<b>UNION</b> Power Adjustable																									
U2600		48 <sup>4</sup> <sub>2</sub> 1114	●	10	●	●	2/3/4	●	●			O	1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
U2700		48 <sup>4</sup> <sub>3</sub> 1114	●	10	●	●	3/4	●	●			O	1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
<b>UNION</b> Power Adjustable																									
U2800		48 <sup>5</sup> <sub>2</sub> 1113	●	10	●	●	2/3/4/5	●	●	O	O	O	1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
<b>UNION</b> Power Adjustable																									
U2900			●	10	●	●	3/4/5/6	●	●	●			1, 61, 66	●	●	●	●	●	●	●	●	●	●	●	●
U3000			●	10	●	●	3/4/5/6	●	●	●	O		ST	●	●	●	●	●	●	●	●	●	●	●	●
<b>UNION</b> Transom Concealed																									
U3100		38 2 0 1 4 38 3 0 1 4 38 4 0 1 4		10		N/A	N/A	2/3/4	●	●	●		O	-	●										

Key: ST = Slide Track O = Optional Finishes: S = Silver G = Gold SSS = Satin Stainless Steel PSS = Polished Stainless Steel BE = Brown Bronze TS = Textured Silver PB = Polished Brass SC = Satin Chrome PC = Polished Chrome RAL = Various RAL Colours.

\* When ordering Door Closers please suffix Pattern Number with Cover Design ie New Wave (NW) or Standard (STD) and Finish.



# Overhead Door Closers



## Fixed Power

UNION U1000	UNION 8510
<ul style="list-style-type: none"> <li>Surface mounted overhead door closer for single action doors.</li> <li>Fixed power: BS EN 1154 spring size 2/3.</li> <li>120° angle of opening.</li> <li>Screw adjustable armset.</li> <li>Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.</li> <li>Suitable for both left and right handed doors opening either in or out.</li> <li>Independent adjustable sweep and latch valves.</li> <li>Tested for durability to 100,000 cycles.</li> </ul>	<ul style="list-style-type: none"> <li>Surface mounted overhead door closer for single action doors.</li> <li>Fixed power: BS EN 1154 spring size 3.</li> <li>180° angle of opening.</li> <li>Screw adjustable armset.</li> <li>Fitting - 1 regular, 61 transom.</li> <li>Suitable for both left and right handed doors opening either in or out.</li> <li>Independent adjustable sweep and latch valves.</li> <li>Tested for durability to 500,000 cycles.</li> </ul>

## Fixed Power

UNION U2003 • 8520
<ul style="list-style-type: none"> <li>Surface mounted overhead door closer for single action doors.</li> <li>Fixed power: BS EN 1154 size 3.</li> <li>180° angle of opening.</li> <li>Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.</li> <li>Suitable for both left and right handed doors opening either in or out.</li> <li>Independent adjustable sweep and latch valves.</li> <li>U2003 also available with Union cover, list number, 8520 - Silver or Gold finish only.</li> </ul>

	U1000	U2003	8510
<b>Standards</b>			
BS EN 1154			
<b>Security Features</b>			
Fire Resistant	•	•	•
Guarantee	10	10	10
<b>Covers</b>			
New Wave		•	
Standard		•	
<b>Features &amp; Functions</b>			
Power	2/3	3	3
Latch	•	•	•
Sweep	•	•	•
Backcheck			
Delay			
Hold Open			
Arm	1, 61, 66	1, 61, 66	1, 61
<b>Finish Options</b>			
Silver	•	•	•
Gold		•	
Satin Stainless Steel		•	
Polished Stainless Steel		•	
Brown Bronze		•	
Textured Silver		•	
Polished Brass		•	
Satin Chrome		•	
Polished Chrome		•	
RAL		•	

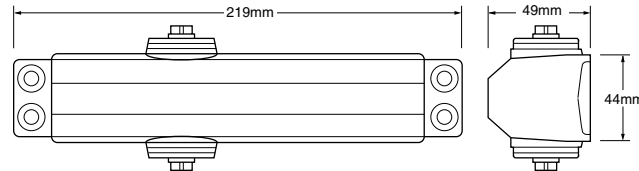
# Overhead Door Closers



## Power Adjustable

**UNION** U2501BCM • U2501DLM • U2511BCM • 8525

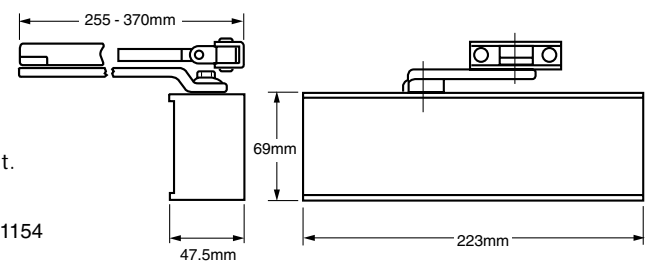
- Surface mounted overhead door closer for single action doors.
- Successfully type-tested for conformity to all the requirements of BS EN 1154.
- Adjustable power: BS EN 1154 size 1/2/3/4.
- 180° angle of opening.
- Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.
- Suitable for both left and right handed doors opening either in or out.
- Backcheck as standard.
- Independent adjustable sweep and latch valves.
- Adjustable hold open arm optional.
- Optional slide adjustable armset.
- Delayed action variant available (U2501DLM).
- U2501BCM also available with Union cover, list number, 8525 - Silver or Gold finish only.



## Power Adjustable

**UNION** U2600 Using Dorma Power Unit

- Surface mounted overhead door closer for single action doors.
- Successfully type-tested for conformity to all the requirements of BS EN 1154.
- Adjustable power: BS EN 1154 size 2/3/4.
- 180° angle of opening.
- Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.
- Suitable for both left and right handed doors opening either in or out.
- Independent adjustable sweep and latch valves.
- Adjustable hold open arm optional.
- Closer uses Dorma Power Unit TS72.



	U2501BCM U2501DLM	U2511BCM	U2600
<b>Standards</b>			
BS EN 1154	4 8 4 1 1 1 0	4 8 4 1 1 1 0	4 8 4 2 1 1 4
<b>Security Features</b>			
Fire Resistant	•	•	•
Guarantee	10	10	10
<b>Covers</b>			
New Wave	•	•	•
Standard	•	•	•
<b>Features &amp; Functions</b>			
Power	1/2/3/4	1/2/3/4	2/3/4
Latch	•	•	•
Sweep	•	•	•
Backcheck	•	•	
Delay	• (DLM)		
Hold Open	○	•	○
Arm	1, 61, 66	ST	1, 61, 66
<b>Finish Options</b>			
Silver	•	•	•
Gold	•	•	•
Satin Stainless Steel	•	•	•
Polished Stainless Steel	•	•	•
Brown Bronze	•	•	•
Textured Silver	•	•	•
Polished Brass	•	•	•
Satin Chrome	•	•	•
Polished Chrome	•	•	•
RAL	•	•	•

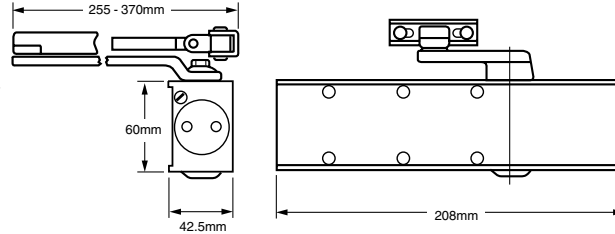
# Overhead Door Closers



## Power Adjustable

### UNION U2700 Using Dorma Power Unit

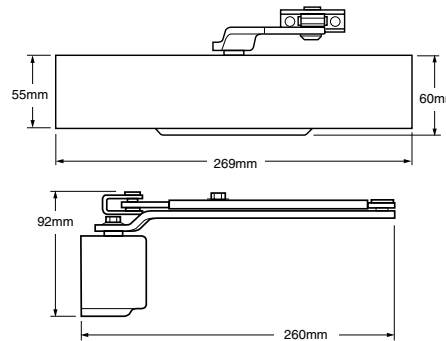
- Surface mounted overhead door closer for single action doors.
- Successfully type-tested for conformity to all the requirements of BS EN 1154.
- Adjustable power: BS EN 1154 size 3/4.
- 180° angle of opening.
- Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.
- Suitable for both left and right handed doors opening either in or out.
- Independent adjustable sweep and latch valves.
- Screw adjustable armset.
- Adjustable hold open arm optional.
- Delayed action available (U2700DL).
- Closer uses Dorma Power Unit TS73N.



## Power Adjustable

### UNION U2800 Using Jebron Power Unit

- Surface mounted overhead door closer for single action doors.
- Successfully type-tested for conformity to all the requirements of BS EN 1154.
- Adjustable power: BS EN 1154 size 2/3/4/5.
- 180° angle of opening.
- Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.
- Suitable for both left and right handed doors opening either in or out.
- Independent adjustable sweep and latch valves.
- Backcheck as option available.
- Adjustable hold open arm optional.
- Optional slide arm.
- Closer uses Jebron Power Unit 9900.



	U2700	U2800	
<b>Standards</b>			
BS EN 1154	4 8 4 1 1 4	4 8 5 1 1 3	
<b>Security Features</b>			
Fire Resistant	•	•	
Guarantee	10	10	
<b>Covers</b>			
New Wave	•	•	
Standard	•	•	
<b>Features &amp; Functions</b>			
Power	3/4	2/3/4/5	
Latch	•	•	
Sweep	•	•	
Backcheck		○ (U2800BC)	
Delay	○ (U2700DL)	○ (U2800DL)	
Hold Open	○	○ (U2800HO)	
Arm	1, 61, 66	1, 61, 66	
<b>Finish Options</b>			
Silver	•	•	
Gold	•	•	
Satin Stainless Steel	•	•	
Polished Stainless Steel	•	•	
Brown Bronze	•	•	
Textured Silver	•	•	
Polished Brass	•	•	
Satin Chrome	•	•	
Polished Chrome	•	•	
RAL	•	•	

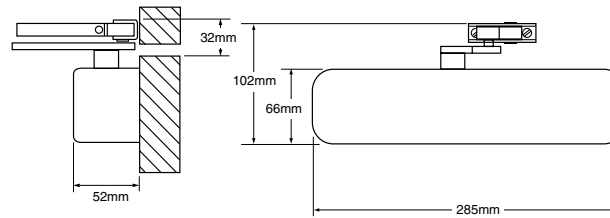
# Overhead Door Closers



## Power Adjustable

### UNION U2900

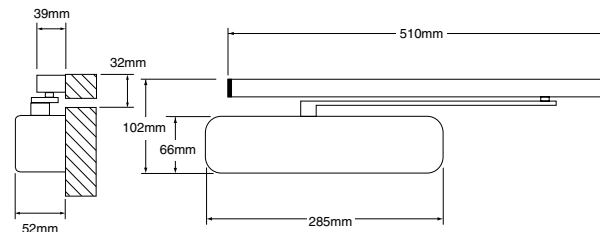
- Surface mounted overhead door closer for single action doors.
- To DIN 18263, Part 2.
- Adjustable power: BS EN 1154 size 3/4/5/6.
- 180° angle of opening.
- Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.
- Suitable for both left and right handed doors opening either in or out.
- Independent adjustable sweep and latch valves.



## Power Adjustable

### UNION U3000

- Surface mounted overhead door closer for single action doors.
- To DIN 18263, Part 2.
- Adjustable power: BS EN 1154 size 3/4/5/6.
- 180° angle of opening.
- Slide track arm as standard.
- Suitable for both left and right handed doors opening either in or out.
- Independent adjustable sweep, latch and backcheck valves.
- Variant with delayed action available.
- Electro-mag variant available.
- Electro-mag and smoke detector variant available.



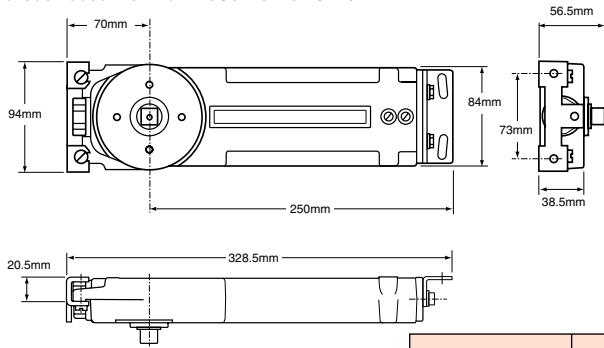
	U2900	U3000
<b>Standards</b>		
BS EN 1154		
<b>Security Features</b>		
Fire Resistant	•	•
Guarantee	10	10
<b>Covers</b>		
New Wave	•	•
Standard	•	•
<b>Features &amp; Functions</b>		
Power	3/4/5/6	3/4/5/6
Latch	•	•
Sweep	•	•
Backcheck	•	•
Delay		0
Hold Open		
Arm	1, 61, 66	ST
<b>Finish Options</b>		
Silver	•	•
Gold	•	•
Satin Stainless Steel	•	•
Polished Stainless Steel	•	•
Brown Bronze	•	•
Textured Silver	•	•
Polished Brass	•	•
Satin Chrome	•	•
Polished Chrome	•	•
RAL	•	•

## Transom Concealed



### U3100 Using Dorma Power Unit

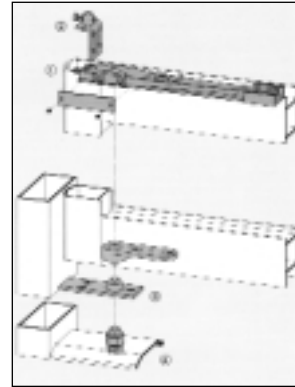
- Transom concealed door closer.
- Suitable for single and double action doors.
- Fully controlled closing with adjustable speed.
- Adjustable final closing.
- Progressive mechanical backstop.
- Door opening angle max. 130° on both sides.
- Hold-open points - depending on model (optional) 105° or 90°.
- Closer uses Dorma RTS85 Power Unit.



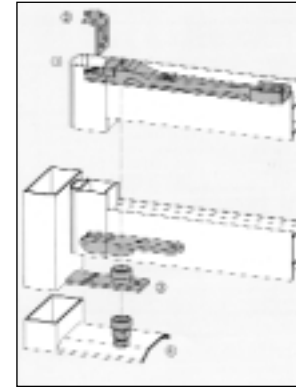
	U3100		
Closing Force Size	2	3	4
Spring Strength (Nm)	20	30	40

### Accessories for double action and centre pivoted single action doors (70mm pivot point)

#### Side Load Installation (SL)



#### End Load Installation (EL)



1 Closer arm with arm channel	U3110AC-SL	U3110AC-EL
2 Closer arm with angle bracket	U3120AB-SL	U3120AB-EL
3 Floor pivot set, total height 27mm	U3127FP-SL	U3127FP-EL
Floor pivot set, total height 57mm	U3157FP-SL	U3157FP-EL
4 Threshold pivot set - channel depth 25mm	U3125PS-SL	U3125PS-EL
Threshold pivot set - channel depth 40mm	U3140PS-SL	

## Notes



### U3100

#### Standards



382014
383014
384014

#### Security Features



10

#### Covers

New Wave

N/A

Standard

N/A

#### Features & Functions

Power 2 - 4

Latch ●

Sweep ●

Backcheck ●

Delay

Hold Open ○

Arm

#### Finish Options

Silver ●

Gold

Satin Stainless Steel

Polished Stainless Steel

Brown Bronze

Textured Silver

Polished Brass

Satin Chrome

Polished Chrome

RAL



# Electro-Mag Closers



## BS EN 1155 Classification

This standard classifies electrically powered hold-open devices using a 6 digit coding system. Each digit relates to a particular feature of the product measured against the standards performance requirements.

- Digit 1 - Category of use**
  - Grade 3: For doors for use by the public.
- Digit 2 - Durability**
  - Grade 5: 50,000 test cycles completed for electrically powered hold-open devices.
  - Grade 8: 500,000 test cycles completed for electrically powered hold-open and free swing door closers and devices that contain operating arms.
- Digit 3 - Test door mass/size**

Five grades and related hold-open power sizes are identified as shown in the table below. Where a closer provides a range of power sizes both the minimum and maximum sizes shall be shown.
- Digit 4 - Fire resistance**
  - Grade 1: Suitable for use on fire/smoke doors. This is assessed outside of BS EN 1155.
- Digit 5 - Safety**
  - Grade 1: All door closers are required to satisfy the essential requirement of safety in use.
- Digit 6 - Corrosion resistance**

Five grades are identified according to BS EN1670.

  - Grade 0: No defined corrosion resistance.
  - Grade 1: Mild resistance.
  - Grade 2: Moderate resistance.
  - Grade 3: High resistance
  - Grade 4: Very high resistance.

Test door mass/size

Hold-open power size	Test door mass Kg	Recommended door leaf width mm.
3	60	950
4	80	1100
5	100	1250
6	120	1400
7	160	1600

### Example

The following marking denotes a separate hold-open device power size 4 with high resistance to corrosion, which is suitable for use on fire/smoke doors.

3 5 4 1 1 3

## Features and Functions

### Where do I use an Electromagnetic Closer ?

To hold open fire doors where linked to a suitable fire alarm system. Where the power source is cut off when the alarm is triggered the fire door fitted with a standard door closer is released as the de-energised magnet and the door shuts automatically.



**Fire Resistant**  
Suitable for use on fire / smoke doors.



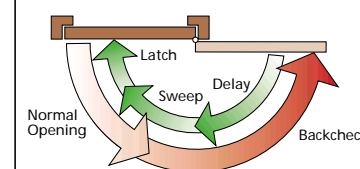
**Guarantee**  
Guarantee period applicable when maintenance instructions followed.



### Covers

Two cover designs are available in a wide choice of architectural finishes.

### Door Closer Actions



For a description of door closer actions see page D3.

### Finishes:

Silver	Gold	Satin Stainless Steel	Polished Stainless Steel	Brown Bronze
Textured Silver	Polished Brass	Satin Chrome	Polished Chrome	RAL



# Electro-Mag Closers



## Electro-Mag Closers



**UNION** U3200EM

Page D13



**UNION** U3300EM

Page D13



**UNION** U3400EM

Page D14



**UNION** U3510/50

Page D14



### Electro-Mag Closers

#### Standards



BS EN 1155

#### Security Features



#### Covers

New Wave Standard

#### Features & Functions

Power Size Adj. Latch Adj. Sweep Backcheck Delayed Action Hold Open Arm

#### Finishes

S G SSS PSS BB TS PB SC PC RAL

**UNION** Electro-Mag Closers  
U3200EM

**UNION** Electro-Mag Closers  
U3300EM

**UNION** Electro-Mag Closers  
U3400EM

U3510G for wall and floorfixing

U3550G for wall and floorfixing

U3510U for concealed fixing

U3550U for concealed fixing

U3510A with test push button

U3550A with test push button

Key: O = Optional Finishes: S = Silver G = Gold SSS = Satin Stainless Steel PSS = Polished Stainless Steel BE = Brown Bronze TS = Textured Silver PB = Polished Brass SC = Satin Chrome PC = Polished Chrome RAL = Various RAL Colours.



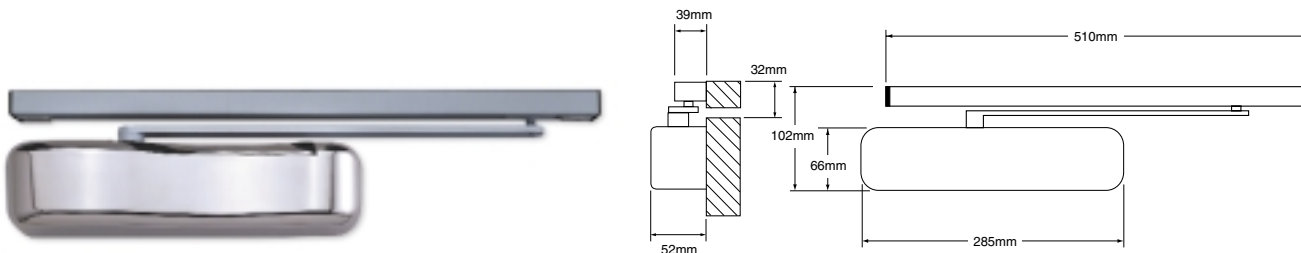
# Electro-Mag Closers



## Electro-Mag

### UNION U3200EM

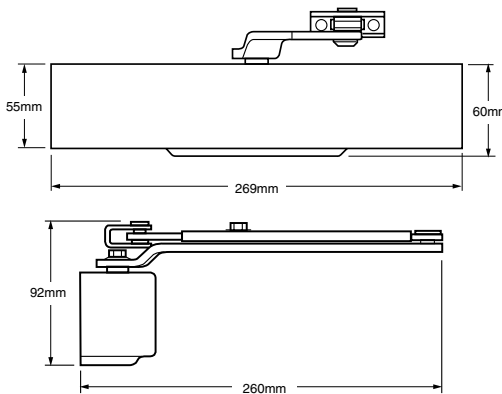
- As U3000 except for:
- U3200-EM with electro-magnetic brake stay.
- U3200EM-R with electro-magnetic brake stay and integrated smoke detector with mains receiver.



## Electro-Mag

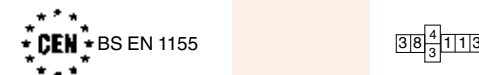
### UNION U3300EM Using Jebron Power Unit

- Successfully type-tested for conformity to all the requirements of BS EN 1155.
- Hold-open and free swing door control.
- Fixed power BS EN 3/4.
- Universal fitting - 1 regular, 61 transom, and 66 parallel arm mount.
- Non-handed.
- Latch and closing speed control.
- Hold-open from 70° to 180°.
- Closer uses Jebron Power Unit 9870.



U3200EM U3300EM

### Standards



### Security Features

Fire Resistant	•	•
Guarantee	10	10

### Covers

New Wave	•	•
Standard	•	•

### Features & Functions

Power	2/3/4/5	3/4
Latch	•	•
Sweep	•	•
Backcheck	•	
Delay	O	
Hold Open		O
Arm	ST	1, 61, 66

### Finish Options

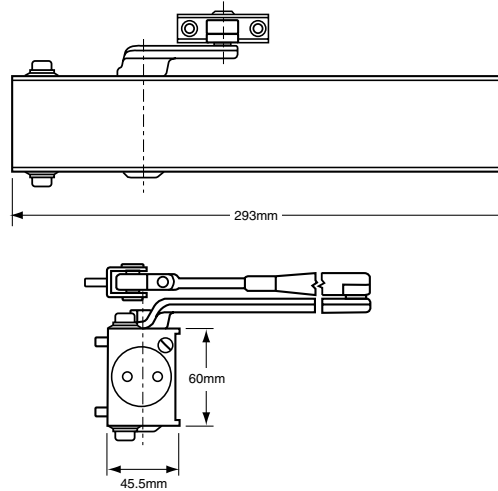
Silver	•	•
Gold	•	•
Satin Stainless Steel	•	•
Polished Stainless Steel	•	•
Brown Bronze	•	•
Textured Silver	•	•
Polished Brass	•	•
Satin Chrome	•	•
Polished Chrome	•	•
RAL	•	•

# Electro-Mag Closers

## Electro-Mag

### UNION U3400EM Using Dorma Power Unit

- Combination of hydraulic door closer and electro-magnetic hold-open.
- Door hold-open at opening angles between 75° and 180°.
- Suitable for standard doors up to 1250 mm.
- Complies with DIN 18263 for fire doors up to 1125 mm.
- Optional free-swing arm assembly.
- Closer uses Dorma Power Unit TS73EMF.



### U3400EM

#### Standards



#### Security Features



#### Covers

Standard	N/A
New Wave	N/A

#### Features & Functions

Power	4
Latch	●
Sweep	●
Backcheck	
Delay	
Hold Open	●
Arm	1, 61, 66

#### Finish Options

Silver	●
Gold	●
Satin Stainless Steel	
Polished Stainless Steel	
Brown Bronze	
Textured Silver	
Polished Brass	
Satin Chrome	
Polished Chrome	
RAL	

## Magnets

### UNION U3500 Range from Dorma for Fire Prevention

- U3510G, U3550G for wall and floor fixing.
- U3510U, U3550U for concealed fixing.
- U3510A, U3550A with test push button.
- Complete with polarity reversal protection.
- For floor fixing use floor bracket (supplied as accessory).
- Protector category: IP40, U3510A. U3550A in conjunction with floor bracket: IP43.
- Power input: 1.5 W.
- Holding Force:
 

500 Nm	U3550G, U3550U, U3550A
100 Nm	U3510G, U3510U, U3510A



U3510G  
U3550G



U3510U  
U3550U



U3510A  
U3550A



UMAG



UMAT



UMAW

- The hold-open can also be released by simply giving the door a sharp tug in the closing direction (100Nm only).
- Magnetic armature plates:
  - UMAG ball jointed, self adjusting to the door opening angle.
  - UMAT telescopic, for relatively large distances between wall and door. Length of travel approx. 20mm.
  - UMAW, for extreme angles. Adjustment range ±60°.

## BS EN 1154 Classification

This standard classifies door closers using a 6 digit coding system. Each digit relates to a particular feature of the product measured against the standards performance requirements.

- Digit 1 - Category of use**
  - Grade 3: For closing doors from at least 105°.
  - Grade 4: For closing doors from 180° open.
- Digit 2 - Durability**
  - Grade 8: 500,000 test cycles completed.
- Digit 3 - Test door mass/size**

Seven grades are identified as shown in the table below where a closer provides a range of power sizes both the minimum and maximum sizes shall be shown.
- Digit 4 - Fire behaviour**
  - Grade 0: Not suitable for use on fire/smoke doors.
  - Grade 1: Suitable for use on fire/smoke doors. This is assessed outside of BS EN 1154.
- Digit 5 - Safety**
  - Grade 1: All door closers are required to satisfy the essential requirement of safety in use.
- Digit 6 - Corrosion resistance**

Five grades are identified according to BS EN1670.

  - Grade 0: No defined corrosion resistance.
  - Grade 1: Mild resistance.
  - Grade 2: Moderate resistance.
  - Grade 3: High resistance
  - Grade 4: Very high resistance.

Test door mass/size

Door Closer power size	Test door mass Kg	Recommended door leaf width mm.
1	20	750
2	40	850
3	60	950
4	80	1100
5	100	1250
6	120	1400
7	160	1600

### Example

The following marking denotes a closer capable of opening to at least 105°, with a power size of 3, which is suitable for use on fire/smoke doors.

3 8 3 1 1 0

## Features and Functions

### Single / Double Swing Floor Springs

- Floor mounted door control for single /double swing applications.
- Successfully type-tested for conformity to all the requirements of BS EN 1154.



**Fire Resistant**  
Suitable for use on fire / smoke doors.



**Guarantee**  
Guarantee period applicable when maintenance instructions followed.

### Electromagnetic Action (4)

Variants available.

### Universal Fitting

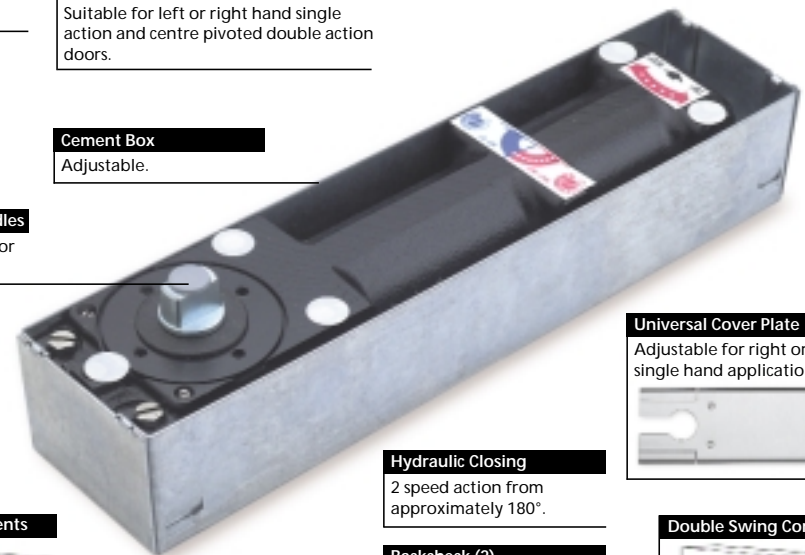
Suitable for left or right hand single action and centre pivoted double action doors.

### Cement Box

Adjustable.

### Interchangeable Spindles

Site interchangeable for ease of installation.

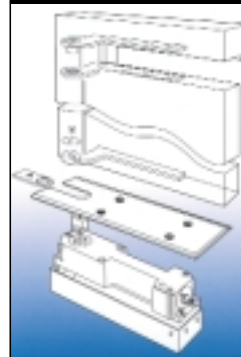


### Universal Cover Plate

Adjustable for right or left hand single hand applications.



### Single Swing Components



### Adjustable Delayed Action (3)

Selective between 180° and 70° (U3700FS)  
105° and 75° (U3600FS).

### Closing Speeds (1)

15 or 28 Nm (U3700FS)  
15, 32 or 53 Nm (U3600FS).

### Optional Hold Open (3)

90° standard hold open (U3700FS) between 75° and 175° (U3600FS).

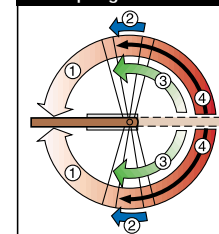
### Hydraulic Closing

2 speed action from approximately 180°.

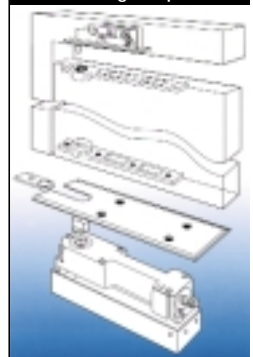
### Backcheck (2)

Mechanical backcheck at approx 85° and 165°.

### Floorspring Actions



### Double Swing Components



Finishes:

Polished Brass

Satin Stainless Steel

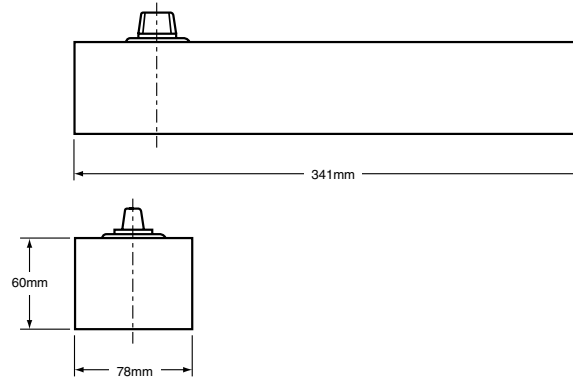
Polished Stainless Steel



## Floorsprings

### UNION U3600FS Using Dorma Power Unit

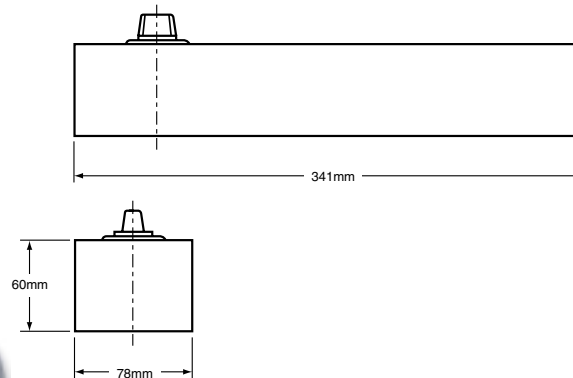
- Universal Floorspring for all types of standard doors.
- Fixed power: BS EN 4.
- Non-handed model.
- Adjustable closing speed, (15, 32 or 53Nm).
- Mechanical backcheck.
- Adjustable latching action.
- Floorspring uses Dorma Power Unit BTS80.



## Electro-Mag Floorspring

### UNION U3600EM-FS Using Dorma Power Unit

- Complete with electro-hydraulic hold-open.
- Enables fire and smoke check doors to be held open at opening angles between approx. 75° and 175° with only very slight fall-back.
- In the event of an alarm or power failure, the hold-open is released and the door closer closes the door.
- The hold-open can also be released by simply giving the door a sharp tug in the closing direction.
- Floorspring uses Dorma Power Unit BTS80EMB.



U3600FS U3600EM-FS

#### Standards

BS EN 1154	3 8 4 0 1 4	4 8 4 1 1 4 <small>(BS EN 1155)</small>
------------	-------------	--

#### Security Features

Fire Resistant		•
Guarantee	10	10

#### Covers

New wave	n/a	n/a
Standard	n/a	n/a

#### Features & Functions

Power	4	4
Latch	•	•
Sweep	•	•
Backcheck	•	•
Delay	•	
Hold Open	•	•
Arm	n/a	n/a

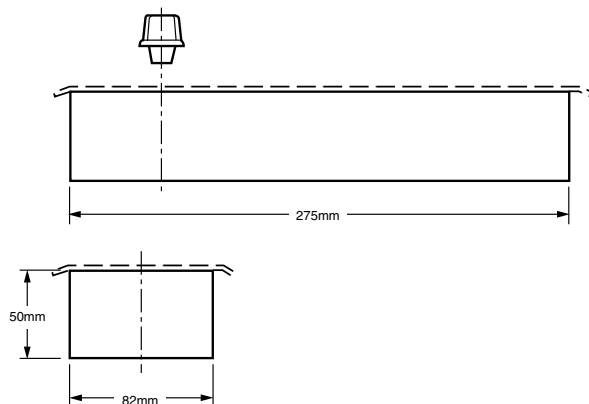
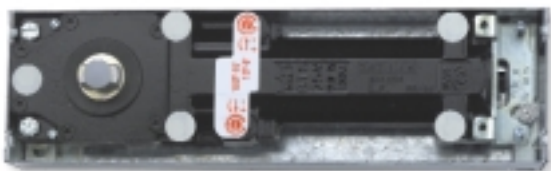
#### Finish Options

Silver		
Gold		
Satin Stainless Steel	•	•
Polished Stainless Steel	•	•
Brown Bronze		
Textured Silver		
Polished Brass	•	•
Satin Chrome		
Polished Chrome		
RAL		

## Floorsprings

### UNION U3700FS Using Dorma Power Unit

- Ideal for all single and double action doors with widths of up to 1100mm.
- Adjustable screw for easy setting of the closing force.
- Variable power: BS EN 1 - 4.
- Non-handed model.
- Adjustable closing speed, (15 or 28Nm).
- Mechanical backcheck.
- Optional variant with 90° or 105° hold-open available.
- Floorspring uses Dorma Power Unit BTS75V.



## Accessories

### UNION Accessories for U3600, U3700 Ranges

#### Double Action Accessories for Steel, Aluminium and Timber Doors

- Double action top centre. No. U3610DTC
- Cover plate. No. U3620CP
- Double action bottom strap, for door weights up to 300kg. No. U3630DAS



#### Accessories for Single Action Timber Doors, for Flush Closing Doors

- Single action top centre, non-handed. No. U3640STC
- Single action door straps. No. U3650SDS
- Standard spindles up to + 50mm available on request.



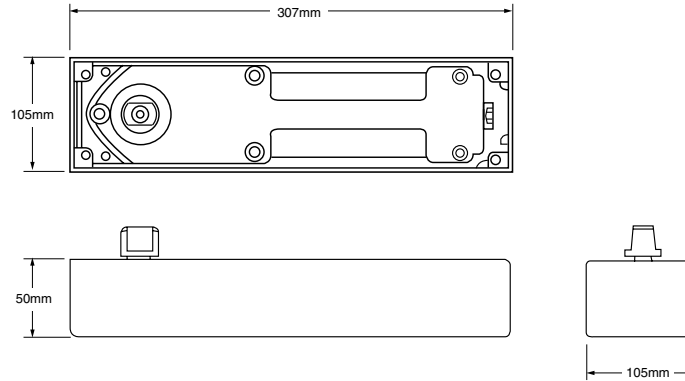
### U3700FS

Standards	
BS EN 1155	31841114
Security Features	
Fire Resistant	•
Guarantee	10
Covers	
New wave	n/a
Standard	n/a
Features & Functions	
Power	1 - 4
Latch	•
Sweep	•
Backcheck	•
Delay	
Hold Open	
Arm	n/a
Finish Options	
Silver	
Gold	
Satin Stainless Steel	•
Polished Stainless Steel	•
Brown Bronze	
Textured Silver	
Polished Brass	•
Satin Chrome	
Polished Chrome	
RAL	

## Floorspring

### UNION U3800FS Using Jebron Power Unit

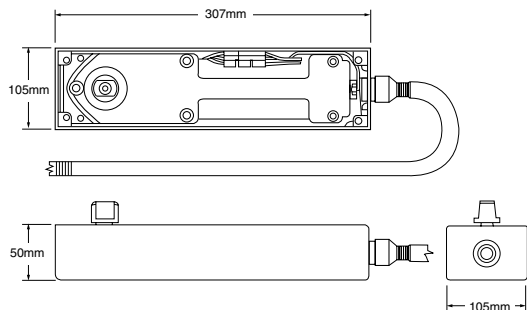
- Manually operated universal floorspring for double swing and single swing applications.
- Variable power: BS EN 1 - 4.
- Non-handed model 180° opening.
- Adjustable closing speed.
- Backcheck at 90°.
- Floorspring uses Jebron Power Unit 2950.



## Electro-Mag Floorspring

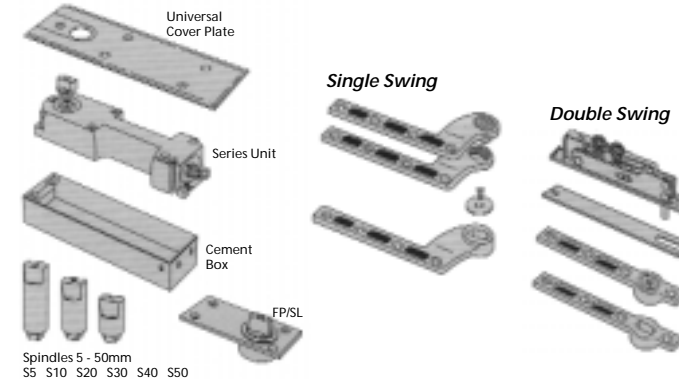
### UNION U3800EM-FS

- Electro-magnetic floorspring.
- As U3800FS but with the following additions:
- Alarm activated electro-magnetic hold-open, with size 4 power.
  - Supplied with 1m conduit and 3m flexible cable complete with connections.
  - Operating voltage: 24.V.dc power consumption 2.0w.
  - Not suitable for external or wet area applications.



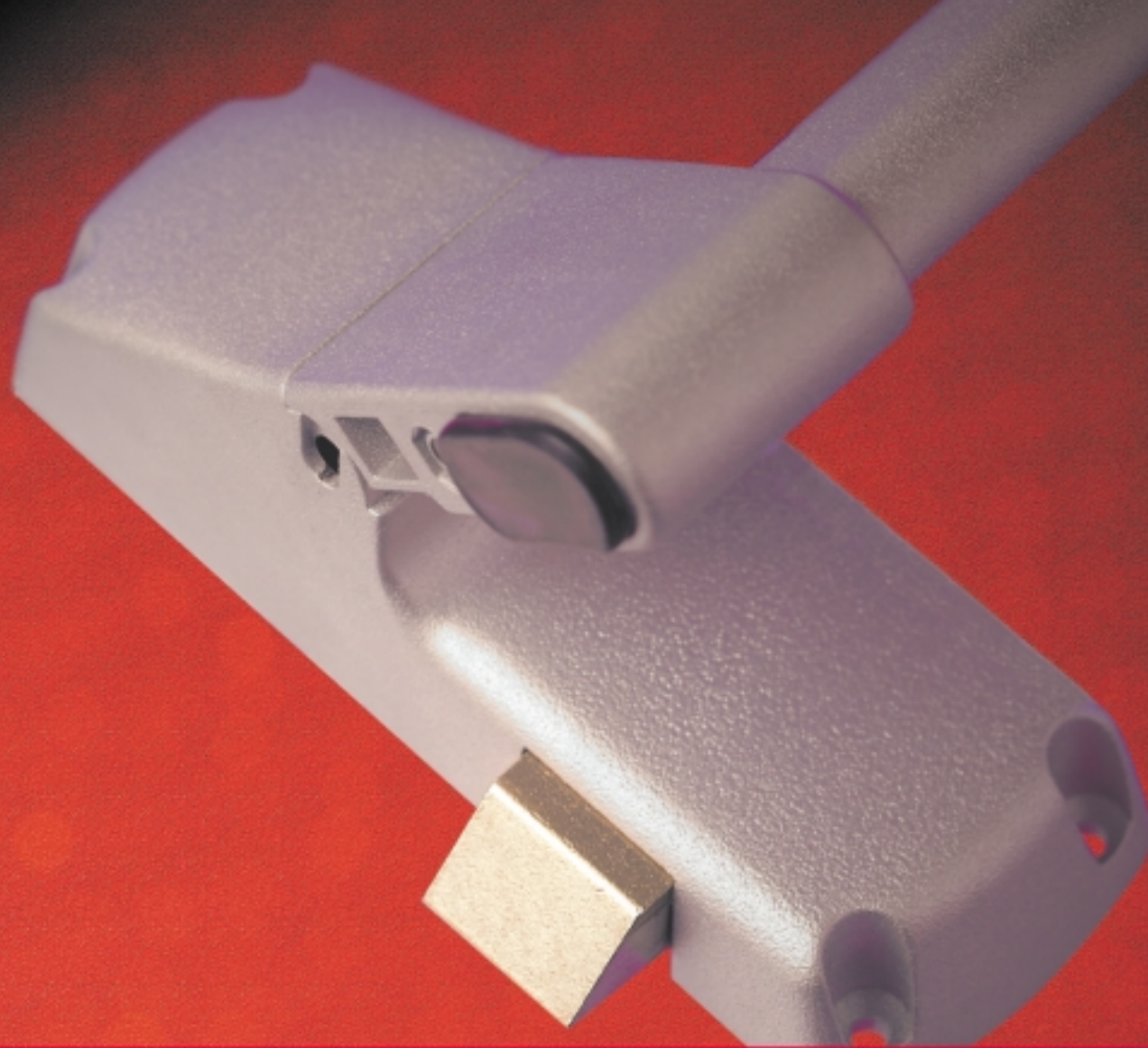
#### Accessories: Suitable for both U3800FS and U3800EM-FS

- Double action top centre, SS or PB finishes - U3810DTC
- Cover plates, SS or PB finishes - U3820CP.
- Double action strap, zinc plated - U3830DAS.
- Single action top centre, SS or PB finishes - U3840STC.
- Single action strap and cover, SS or PB finishes - U3850SAC.



### U3800FS U3800EM-FS

	U3800FS	U3800EM-FS
<b>Standards</b>		
EN1155	3841113	3841113
<b>Security Features</b>		
Fire Resistant	•	•
Guarantee	10	10
<b>Covers</b>		
New wave	n/a	n/a
Standard	n/a	n/a
<b>Features &amp; Functions</b>		
Power	1 - 4	4
Latch	•	•
Sweep	•	•
Backcheck	•	•
Delay	o	o
Hold Open		
Arm	n/a	n/a
<b>Finish Options</b>		
Silver		
Gold		
Satin Stainless Steel	•	•
Polished Stainless Steel	•	•
Brown Bronze		
Textured Silver		
Polished Brass	•	•
Satin Chrome		
Polished Chrome		
RAL		



# Escape Hardware

- Escape Hardware
- Single Panic Bolt
  - Double Rebated Panic Set
  - Panic Latch
  - Push Pad Latch
  - Outside Access Device

**UNION**<sup>®</sup>

## Escape Hardware Index

- [Introduction](#) E2
- [BS EN 1125 Classification](#) E3
- [BS EN 179 Classification](#) E3
- [Features and Functions](#) E3
- [Photo Gallery](#) E4
- [Range Table](#) E4
- [Single Panic Bolt](#) E5
- [Double Rebated Panic Set](#) E5
- [Panic Latch](#) E6
- [Panic Pad Latch](#) E6
- [Outside Access Devices](#) E6
- [Notes Page](#) E7

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offer a comprehensive range of Escape Hardware which are ideal for commercial and industrial use.

The range includes variants for single doors and double rebated doors as well as outside access devices.

A comprehensive choice of finishes are available to meet customer requirements.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## Keying Groups

Throughout the catalogue you will see a column headed.



The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

The products that can be keyed to work with other products are given a group code.

**KA** - means the product can be **Keyed Alike** with more of the same product.

**MK** - means the product can be **Masterkeyed** with more of the same product.

A Group Letter (eg **A**) means the product can be **Keyed Alike** or **Masterkeyed** with more of the same product **and** with other products listed in the same group.

For the complete range of products and their keying groups, see the chart in the introduction section.

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example 1:** If you require a panic bolt for a double rebated door that has a 10 year Guarantee, look for the Guarantee icon (number 12) in the range table on page 4 and then on subsequent pages where further information is supplied.

**Example 2:** If this panic bolt then needs to provide particular resistance to Corrosion, look for icon 8.

*Union, Simplifying the Specification Process.*

## Standards & Approvals



Pan-European standard which classifies panic exit devices.



Pan-European standard which classifies emergency exit devices.

## Keys

2 keys are supplied as standard, however see the price list for any variations.

## Security Features

**1** **Protected Section**  
Products are available as an option on a patented key section.

**2** **Drill Resistant**  
Hardened protection against drill attack.

**3** **Saw Resistant**  
Hardened protection against saw attack.

**4** **Force Resistant**  
Built in strength against force attack.

**5** **Pick Resistant**  
Built in protection to resist picking.

**6** **Torque Resistant**  
Built in strength against torque attack.

**7** **Tamper Resistant**  
Built in protection against Tampering.

**8** **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.

**9** **Fire Resistant**  
Products conform to appropriate fire test requirements.

**10** **Escape**  
Products for use on an escape door.

**11** **Key Control**  
The products can be included in a key control system.

**12** **Guarantee**  
Products are guaranteed for a period of time.

## BS EN 1125 Classification

This standard classifies panic exit devices by using a 9 digit coding system. Each digit relates to a particular feature of the product measured against the standards performance requirements.

### Digit 1 - Category of use

- Grade 3: High frequency use by public and others with little incentive to exercise care.

### Digit 2 - Durability

- Grade 6: 100,000 test cycles completed. • Grade 7: 200,000 test cycles completed.

### Digit 3 - Test door mass/size

- Grade 5: Up to 100kg. • Grade 6: Up to 200kg.

### Digit 4 - Fire behaviour

- Grade 0: Not approved for use on fire/smoke door assemblies.
- Grade 1: Suitable for use on fire/smoke door assemblies. This is assessed outside of EN1125.

### Digit 5 - Safety

- Grade 1: All exit devices are required to satisfy the essential requirement of safety in use.

### Digit 6 - Corrosion resistance

- Two grades are identified according to EN1670.
- Grade 3: High resistance. • Grade 4: Very high resistance.

### Digit 7 - Security

- Grade 2 Panic devices are primarily for the operation of a door from the inside. Safety considerations will always be given priority over security.

### Digit 8 - Projection of device

- Grade 1: Projection up to 150mm (standard). • Grade 2: Projection up to 100mm (low projection).

### Digit 9 - Type of device

- Type A: Panic device with push bar operation. • Type B: Panic device with touch bar operation.

### Example

The following marking denotes a panic exit device tested to 200,000 operations for a door mass up to 200kg. Suitable for fire door use with high corrosion resistance and low push bar projection.



## BS EN 179 Classification

Classification for BS EN 179 as BS EN 1125 above with the exception of points below.

### Digit 4 - Fire behaviour

- Grade 1: Suitable for use on fire/smoke door assemblies. This is assessed outside of EN179.

### Digit 7 - Security

Devices to provide resistance to:

- Grade 2: 1,000N. • Grade 3: 2,000N. • Grade 4: 3,000N.

### Digit 9 - Type of device

- Type A: Emergency device with lever handle operation.
- Type B: Emergency device with push pad operation.

### Example

The following marking denotes an emergency exit device tested to 200,000 operations for a door mass up to 200kg. Suitable for fire door use with high corrosion resistance and low push bar projection.



## Features and Functions

### Escape Hardware

Products that meet BS EN 179 (i.e. emergency exit device) should only be used where building occupants are familiar with the emergency exit and its hardware and where panic situations are not foreseen. If there is any doubt about conditions relating to the building occupancy, then devices covered by BS EN 1125 (i.e. Panic devices) should be used.

### Types of Escape Hardware



**Single Panic Bolt**  
Two point locking for single doors.



**Double Rebated Panic Set**  
For double rebated doors.



**Panic Pad Latch**  
Single point locking for single doors.



**Push Pad Latch**  
Emergency escape device for single doors.



**Protected Section**  
Product can be used on a patented key system, (outside access device only).



**Tamper Protection**  
Concealed fixings (outside access devices only).



**Corrosion Resistant**  
Products meet Grade 3 according to EN1670.

### Universal Handing

Product is suitable for left or right hand doors, (outward opening only).

### Outside Access Devices



**Oval Knob Handle**



**Circular Knob Handle**

### Dogging



Once the pushbar has been depressed the bolts are held in the open position until the door is closed.



**Fire Resistant**  
Suitable for use on fire / smoke door assemblies.



**Escape**  
Products for use on escape door.



**Key Control**  
Products can be masterkeyed or keyed alike (outside access devices).



**Guarantee**  
Guarantee period applicable when used with original Union keys (outside access devices) and maintenance instructions followed.

### Finishes:

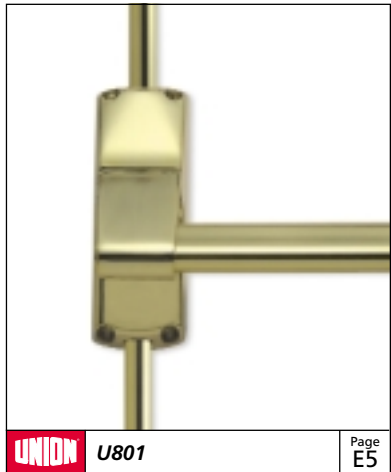
Silver	Gold	Textured Silver	Polished Brass	Satin Chrome	Polished Chrome
Brown RAL 8017	Red RAL 3003	Dark Red RAL 3005	Green RAL 6016	Yellow RAL 1004	Light Grey RAL 7038
Dark Grey RAL 7043	Black RAL 9005	White RAL 9016	Blue RAL 5002	Dark Blue RAL 5003	Dark Metallic Grey



# Escape Hardware



## Escape Hardware



### Escape Hardware

**UNION** Single Panic Bolt

U801

**UNION** Double Rebated Panic Set

U802

**UNION** Panic Latch

U803

**UNION** Push Pad Latch

U804

**UNION** Outside Access Devices

U805

U806

U8040

U8041

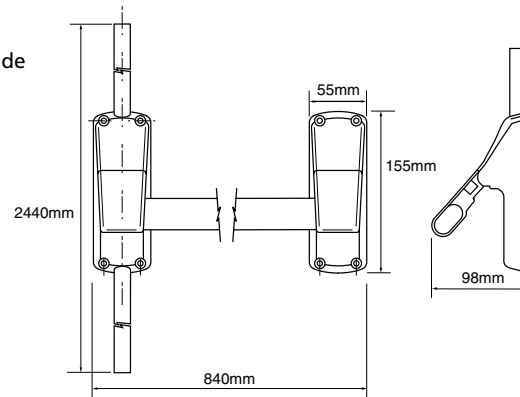
Product	Standards		Security Features							Features & Functions			Finishes						
	BS EN 1125	BS EN 179	Protected Section	Tamper Resistant	Corrosion Resistant	Fire Resistant	Escape	Key Control	Guarantee	Universal Handed	'Dogging'	Rebated Doors	Silver	Gold	Tetured Silver	Polished Brass	Satin Chrome	Polished Chrome	RAL
U801	376111322A		n/a	n/a	•	•	•	n/a	10	•	•		•	•	•	•	•	•	•
U802	376011322A		n/a	n/a	•	•	•	n/a	10	•	•	•	•	•	•	•	•	•	•
U803	376111322A		n/a	n/a	•	•	•	n/a	10	•			•	•	•	•	•	•	•
U804	376111342B		n/a	n/a	•	•	•	n/a	10	•			•	•	•	•	•	•	•
U805			o	•	•	•	•	A	10	•			•	•	•	•	•	•	•
U806			o	•	•	•	•	A	10	•			•	•	•	•	•	•	•
U8040			o	•	•	•	•	A, B, C	10	•							•		
U8041			o	•	•	•	•	D	10	•							•		

Key: A = Masterkey Grouping

## Single Panic Bolt

**UNION U801**

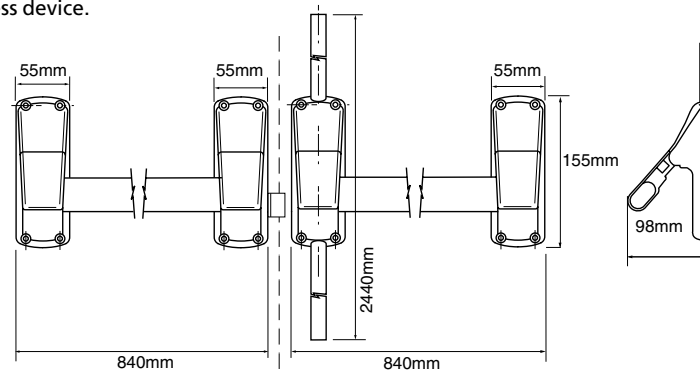
- Suitable for outward opening doors.
- Suitable for timber and metal doors.
- Non-handed for maximum flexibility.
- Can be operated from outside with outside access device.
- Self adjusting trip action device.
- 20mm top and bottom bolt throw.



## Double Rebated Panic Set

**UNION U802**

- Suitable for use on double rebated outward opening doors.
- Suitable for timber and metal doors.
- Non-handed for maximum flexibility.
- Can be operated from outside with outside access device.
- Self adjusting trip action device.

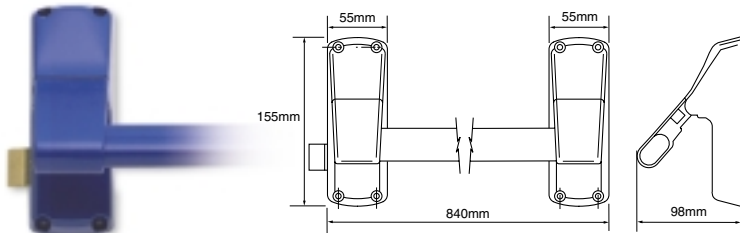


	U801	U802
<b>Standards</b>		
BS EN 1125	3776111322A	3776011322A
BS EN 179		
<b>Security Features</b>		
Protected Section	n/a	n/a
Tamper Resistant	n/a	n/a
Corrosion resistant	•	•
Fire Resistant	•	
Escape	•	•
Key Control	n/a	n/a
Guarantee	10	10
<b>Features &amp; Functions</b>		
Universal Handed	•	•
'Dogging'	•	•
Rebated Doors		•
<b>Finishes</b>		
Silver	•	•
Gold	•	•
Textured Silver	•	•
Polished Brass	•	•
Satin Chrome	•	•
Polished Chrome	•	•
RAL	•	•

## Panic Latch

### UNION U803

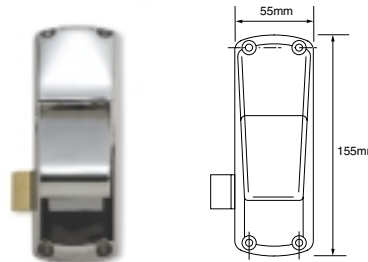
- Suitable for outward opening doors.
- Suitable for timber and metal doors.
- Non-handed for maximum flexibility.
- Can be operated from outside with outside access device.



## Panic Pad Latch

### UNION U804

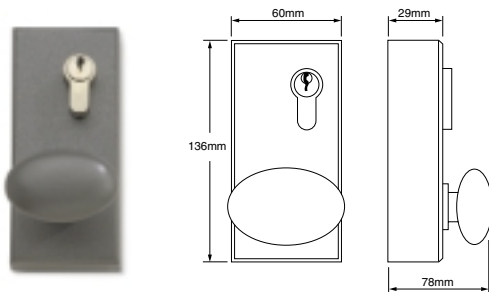
- Suitable for outward opening doors.
- Suitable for timber and metal doors.
- Non-handed for maximum flexibility.
- Can be operated from outside with outside access device.



## Outside Access Device

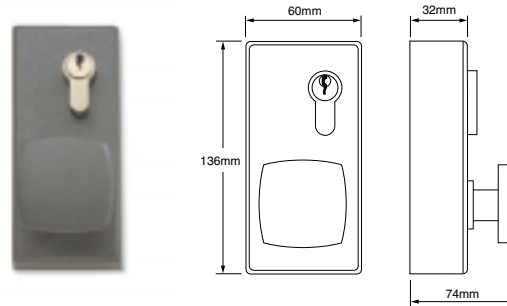
### UNION U805

- Non-handed for maximum flexibility.
- Oval knob handle for easy operation.
- Suitable for use with U801, U802, U803, and U804.
- Concealed fixing.



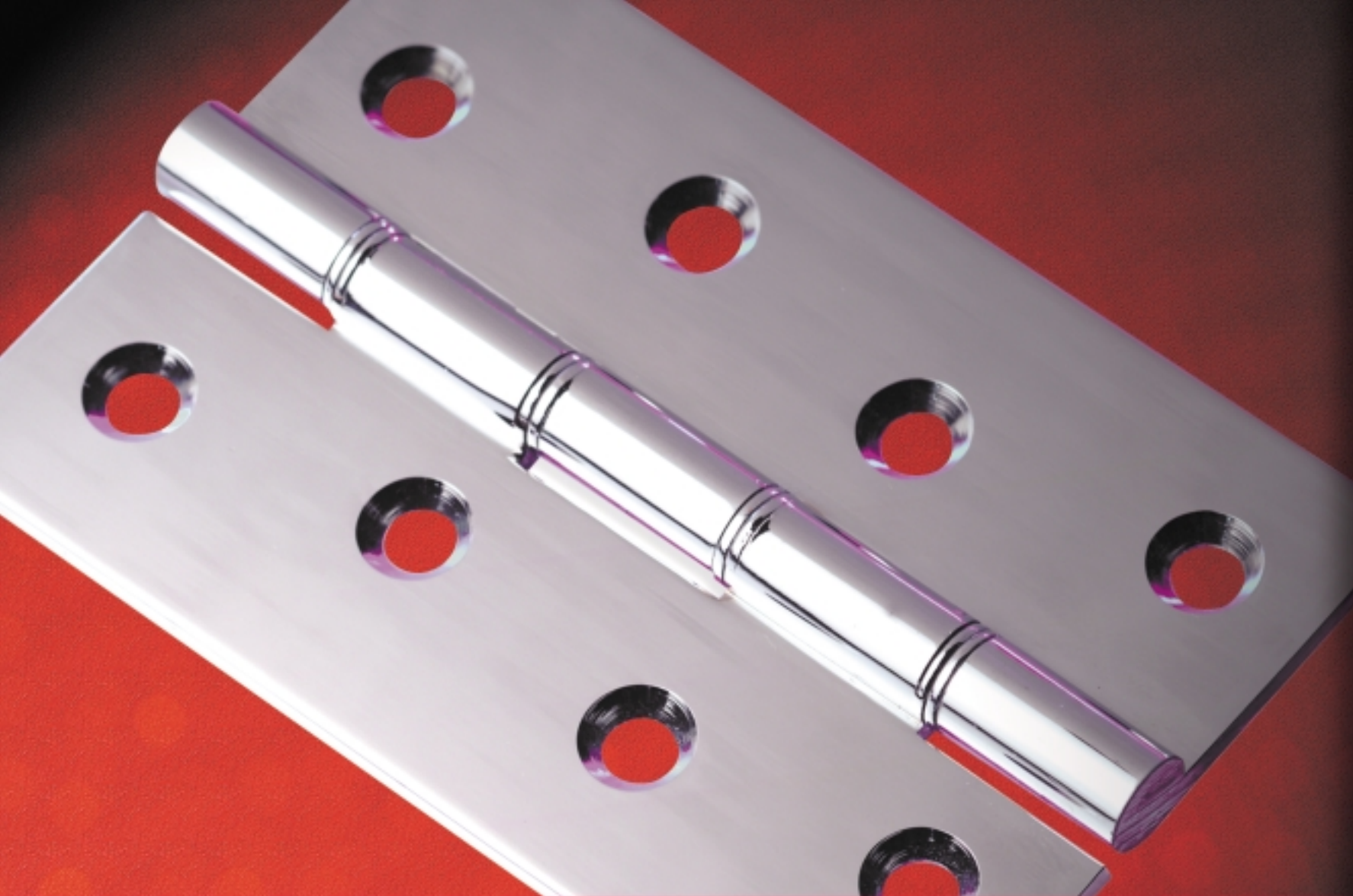
### UNION U806

- Non-handed for maximum flexibility.
- Square style knob handle for easy operation.
- Suitable for use with U801, U802, U803, and U804.
- Concealed fixing.



	U803	U804	U805	U806
<b>Standards</b>				
BS EN 1125	37611322A			
BS EN 179		37611342B		
<b>Security Features</b>				
Protected Section	n/a	n/a	0	0
Tamper Resistant	n/a	n/a	•	•
Corrosion resistant	•	•	•	•
Fire Resistant	•	•		
Escape	•	•	•	•
Key Control	n/a	n/a	A	A
Guarantee	10	10	10	10
<b>Features &amp; Functions</b>				
Universal Handed	•	•	•	•
'Dogging'				
Rebated Doors				
<b>Finishes</b>				
Silver	•	•	•	•
Gold	•	•	•	•
Textured Silver	•	•	•	•
Polished Brass	•	•	•	•
Satin Chrome	•	•	•	•
Polished Chrome	•	•	•	•
RAL	•	•	•	•





• Brass

• Stainless Steel

• Zinc Plated

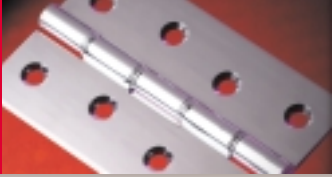
• Electro Brassed

• Colour Coated

# Hinges

# Hinges

# UNION®



# Hinges



## Hinges Index

- **Introduction** H2
- **BS7352: 1990** H3
- **Features & Functions** H3
- **Photo Gallery** H4
- **Range Table** H5
- **Product Details** H6-9
- **Notes** H10-11

## Introduction

Union offer a comprehensive range of hinges for both architectural specification and residential use.

These include Steel, Stainless Steel, Brass and heavy duty variants to suit various weights of doors.



*Union is accredited with and meets the requirements of BS EN ISO 9001: 1994*

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

### Example:

1) If you require a hinge that conforms to BS7352, simply check the standards column to see which grades are available.

2) If this hinge then needs to provide particular resistance to fire, look for icon number 9.

**Union, Simplifying the Specification Process.**


## Standards & Approvals

Products endorsed with the Kitemark have passed a strict testing procedure under the control of the British Standards Institution.




BS7352: 1990

## Security Features

**1**  **Protected Section**  
Products are available as an option on a patented key section.

**2**  **Drill Resistant**  
Hardened protection against drill attack.


**3**  **Saw Resistant**  
Hardened protection against saw attack.


**4**  **Force Resistant**  
Built in strength against force attack.


**5**  **Pick Resistant**  
Built in protection to resist picking.


**6**  **Torque Resistant**  
Built in strength against torque attack.

**7**  **Tamper Resistant**  
Built in protection against Tampering.

**8**  **Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.

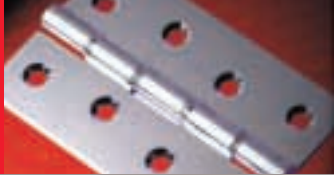
**9**  **Fire Resistant**  
Products conform to appropriate fire test requirements.

**10**  **Escape**  
Products for use on an escape door.

**11**  **Key Control**  
The products can be included in a key control system.

**12**  **Guarantee**  
Products are guaranteed for a period of time.

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*



# Hinges



## BS7352:1990

### Classification of Hinges

Class	Max. Weight of Door	Max. Annual Operations
1	10KG	5,000
2	20KG	5,000
3	20KG	25,000
4	40KG	25,000
5	40KG	200,000
6	40KG	500,000
7	60KG	500,000
8	80KG	200,000
9	120KG	200,000

BS7352 Classification applies when 3 hinges are fitted.

When non backcheck closers are fitted 20% must be added to the effective door weight and the weight should be doubled when a 'backcheck' closer is fitted.

## Key

- D.S.W. = Double Steel Washered
- D.S.S.W. = Double Stainless Steel Washered
- D.P.B.W. = Double Phosphor Bronze Washered
- H.D. = Heavy Duty

## Features and Functions

### Washer Type



Washed hinges are of a high grade and recommended for medium to heavy duty applications.

### Ball Bearing





Ball bearing hinges are of a very high grade and are recommended for use with door closers and heavy duty applications

### Pin Material

The choice of material for the hinge, pin is dependant on the environment in which the hinges are to be fitted.

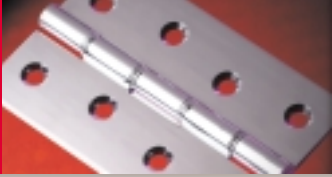


 **Fire Resistant**  
Products successfully completed a fire test.

 **Guarantee**  
Guarantee period applicable when maintenance and instructions followed.

### Finishes


Aluminium	Self Colour	Polished Brass	Stainless Steel	Polished Stainless Steel
Chrome	Zinc Plate	Electro Brass	Brown RAL 8017	Red RAL 3003
Dark Red RAL 3005	Green RAL 6016	Yellow RAL 1004	Light Grey RAL 7038	Dark Grey RAL 7043
Black RAL 9005	White RAL 9016	Blue RAL 5002	Dark Blue RAL 5003	



# Hinges



**Self Colour Solid Drawn Brass Butt**



U500/1 = 1" x 3/4"  
 U500/2 = 1 1/2" x 7/8"  
 U500/3 = 2" x 1 1/8"  
 U500/4 = 2 1/2" x 1 3/8"  
 U500/5 = 3" x 1 5/8"  
 U500/6 = 4" x 2 3/8"  
 U500/7 = 4" x 2 5/8"  
 U500/8 = 4" x 3"  
 U500/9 = 5" x 3"  
 U500/10 = 6" x 3"

**UNION U500** Page H6


**Self Colour H.D. Solid Drawn Brass Butt**



U501/1 = 3" x 1 5/8"  
 U501/2 = 4" x 2 5/8"

**UNION U501** Page H6


**Solid Drawn Polished Brass Butts c/w Screws**



U502/1 = 1" x 3/4"  
 U502/2 = 1 1/2" x 7/8"  
 U502/3 = 2" x 1 1/8"  
 U502/4 = 2 1/2" x 1 3/8"  
 U502/5 = 3" x 1 5/8"  
 U502/6 = 3" x 2"  
 U502/7 = 4" x 2 5/8"

**UNION U502** Page H6

**Solid Drawn P.B. Counter Flap Hinge**



U503 = 1 1/4" x 4"

**UNION U503** Page H6


**Self Colour Solid Drawn Brass Stormproof Butt**



U504 = 2 1/2"

**UNION U504** Page H6

**Solid Drawn Polished Brass Parliament Hinge**



U505/1 = 4" x 2" x 4mm  
 U505/2 = 4" x 3" x 5mm  
 U505/3 = 4" x 4" x 6mm

**UNION U505** Page H6


**Self Colour D.S.W. Brass Butts**



U506/1 = 3" x 2"  
 U506/2 = 4" x 2 5/8"  
 U506/3 = 4" x 3"  
 U506/4 = 5" x 3"

**UNION U506** Page H7


**Polished Brass D.S.W. Butts**



U507/1 = 3" x 2"  
 U507/2 = 4" x 2 5/8"  
 U507/3 = 4" x 3"  
 U507/4 = 5" x 3"

**UNION U507** Page H7

**D.P.B.W. Polished Brass Butts**



U508/1 = 3" x 2"  
 U508/2 = 4" x 2 5/8"  
 U508/3 = 4" x 3"  
 U508/4 = 4" x 4"  
 U508/5 = 6" x 4"

**UNION U508** Page H7

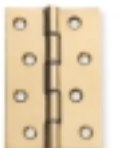
**D.S.S.W. Aluminium Butts c/w Screws**



U509/1 = 3" x 2" x 3mm  
 U509/2 = 4" x 2 5/8" x 3mm

**UNION U509** Page H7

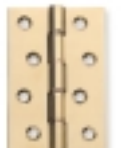
**D.S.S.W. Polished Brass Butts**



U510/1 = 3" x 2" x 3mm  
 U510/2 = 4" x 2 5/8" x 3mm  
 U510/3 = 4" x 3" x 4mm

**UNION U510** Page H7

**D.P.B.W. Polished Brass Butts**



U511/1 = 3" x 2" x 3mm  
 U511/2 = 4" x 2 5/8" x 3.5mm  
 U511/3 = 4" x 3" x 4mm

**UNION U511** Page H7

**4 Ball Bearing Brass Butts c/w Screws**



U512/1 = 4" x 3" x 3mm  
 U512/2 = 4" x 4" x 3mm

**UNION U512** Page H8


**Stainless Steel Plain Butts c/w Screws**



U513/1 = 3" x 2" x 1.5mm  
 U513/2 = 4" x 3" x 2mm

**UNION U513** Page H8

**S. Steel Washered Butts c/w Screws**



U514 = 4" x 3" x 2mm

**UNION U514** Page H8


**S. Steel 2 Ball Bearing Butt c/w Screws**



U515/1 = 4" x 3" x 2.5mm  
 U515/2 = 4" x 3" x 3mm

**UNION U515** Page H8


**Chrome Plated D.P.B.W. Butts c/w Screws**



U516/1 = 3" x 2" x 3mm  
 U516/2 = 4" x 2 5/8" x 3mm

**UNION U516** Page H8


**Light Butts Z.P. - E.B. or Colour Coated**



U517/1 = 3" x 2"  
 U517/2 = 4" x 2 5/8"

**UNION U517** Page H8


**Strong Butts Z.P. - E.B. or Colour Coated**



U518/1 = 3" x 2"  
 U518/2 = 4" x 2 5/8"

**UNION U518** Page H9

**Rising Butt Hinge Z.P. and E.B.**



U519/1 = 3" x 2 3/4"  
 U519/2 = 4" x 2 3/4"

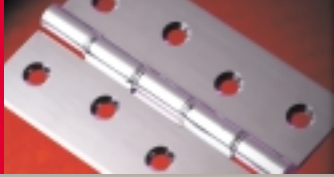
**UNION U519** Page H9

\*Details of metric sizes are supplied on page H9.

### UNION Hinges

	Standards	Security Features	Features/ Functions					Finishes								
			Brass Pins	Stainless Pins	Steel Pins	Handed	C.W. Screws	RAL Colours	Self Colour	Polished Brass	Zinc Plate	Electro Brass	Stainless Steel	Polished Stainless Steel	Chrome Plated	Aluminium
	BS7352															
<b>U500</b> Self colour solid drawn brass		1	●							●						
<b>U501</b> Self colour heavy duty solid drawn brass		1	●							●						
<b>U502</b> Solid drawn polished brass butts		1	●					●			●					
<b>U503</b> Solid drawn polished brass counter flap hinge		1	●								●					
<b>U504</b> Self colour solid drawn brass stormproof butt		1	●							●						
<b>U505</b> Solid drawn polished brass parliament hinge		1	●								●					
<b>U506</b> Self colour D.S.W. brass butts		1			●					●						
<b>U507</b> Polished brass D.S.W. butts		1			●						●					
<b>U508</b> Polished brass D.P.B.W. butts		1	●								●					
<b>U509</b> D.S.S.W. Aluminium butts		1		●				●								●
<b>U510</b> D.S.S.W. Polished brass butts		□	2	●							●					
<b>U511</b> D.P.B.W. Polished brass butts		□	2	●							●					
<b>U512</b> 4 Ball bearing pol. brass butts		□	3	●				●			●					
<b>U513</b> Stainless Steel; plain butts		□	2		●			●				●				
<b>U514</b> Stainless Steel washed butts		●	3		●			●				●				
<b>U515</b> Stainless Steel 2 ball bearing butts	8	□	3		●			●				●				
<b>U516</b> Chrome plated D.P.B.W. butts screws			2	●				●							●	
<b>U517</b> Light butts			1			●			●			●				
<b>U518</b> Strong butts			1			●			●			●				
<b>U519</b> Rising butt hinge			1			●	●					●	●			

Key: Fire Resistant - □ = Depending on specific variant.  
 D.S.W. = Double Steel Washered  
 D.S.S.W. = Double Stainless Steel Washered  
 D.P.B.W. = Double Phosphor Bronze Washered  
 H.D. = Heavy Duty



# Hinges



## Hinges

<b>UNION</b> U500 - Self Colour Solid Drawn Brass Butt	<b>UNION</b> U503 - Solid Drawn P.B. Counter Flap Hinge
--	---

Line No.	A	B
U500/1	1"	3/4"
U500/2	1 3/4"	7/8"
U500/3	2"	1 1/8"
U500/4	2 1/2"	1 3/8"
U500/5	3"	1 5/8"
U500/6	4"	2 3/8"
U500/7	4"	2 5/8"
U500/8	4"	3"
U500/9	5"	3"
U500/10	6"	3"

Line No.	A	B
U503	1 1/4"	4"

<b>UNION</b> U501 - Self Colour H.D. Solid Drawn Brass Butts	<b>UNION</b> U504 - S.C. Solid Drawn Brass Stormproof Butt
--	--

Line No.	A	B
U501/1	3"	1 5/8"
U501/2	4"	2 5/8"

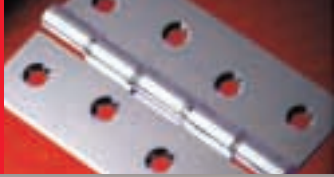
Line No.	A
U504	2 1/2"

<b>UNION</b> U502 - Solid Drawn Pol. Brass Butts c/w Screws	<b>UNION</b> U505 - Solid Drawn Pol. Brass Parliament Hinge
---	---

Line No.	A	B
U502/1	1"	3/4"
U502/2	1 1/2"	7/8"
U502/3	2"	1 1/8"
U502/4	2 1/2"	1 3/8"
U502/5	3"	1 5/8"
U502/6	3"	2"
U502/7	4"	2 5/8"

Line No.	A	B	C
U505/1	4"	2"	3mm
U505/2	4"	3"	5mm
U505/3	4"	4"	6mm

	U500	U501	U502	U503	U504	U505
<b>Standards</b>						
Classification						
<b>Security Features</b>						
Fire Resistant						
Guarantee	1 year	1 year	1 year	1 year	1 year	1 year
<b>Features</b>						
Brass Pins	•	•	•	•	•	•
Steel Pins						
Stainless pins						
c/w Screws			•			
Handed						
<b>Finishes</b>						
RAL Coloured						
Self Colour	•	•			•	
Polished Brass			•	•		•
Zinc Plate						
Electro Brass						
Stainless Steel						
Polished Stainless Steel						
Chrome						
Aluminium						



# Hinges



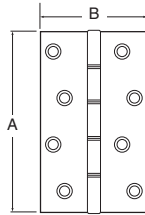
## Hinges



**U506 - Self Colour D.S.W. Brass Butts**



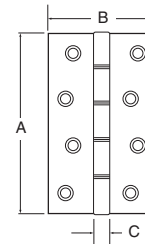
Line No.	A	B
U506/1	3"	2"
U506/2	4"	2 <sup>5</sup> / <sub>8</sub> "
U506/3	4"	3"
U506/4	5"	3"



**U509 - D.S.S.W. Aluminium Butts c/w Screws**



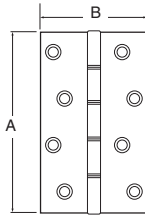
Line No.	A	B	C
U509/1	3"	2"	3mm
U509/2	4"	2 <sup>5</sup> / <sub>8</sub> "	3mm



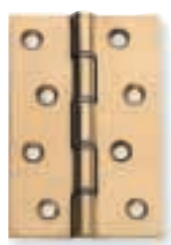
**U507 - Polished Brass D.S.W. Butts**



Line No.	A	B
U507/1	3"	2"
U507/2	4"	2 <sup>5</sup> / <sub>8</sub> "
U507/3	4"	3"
U507/4	5"	3"

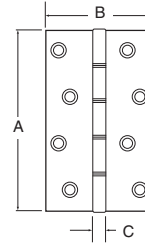


**U510 - D.S.S.W. Polished Brass Butts**



Line No.	A	B	C
U510/1	3"	2"	3mm
U510/2	4"	2 <sup>5</sup> / <sub>8</sub> "	3mm
U510/3	4"	3"	4mm

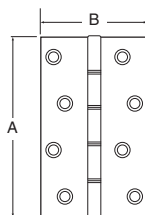
U510/3: Fire Tested



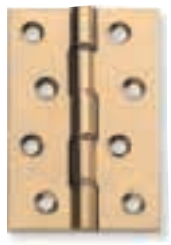
**U508 - D.P.B.W. Polished Brass Butts**



Line No.	A	B
U508/1	3"	2"
U508/2	4"	2 <sup>5</sup> / <sub>8</sub> "
U508/3	4"	3"
U508/4	4"	4"
U508/5	6"	4"

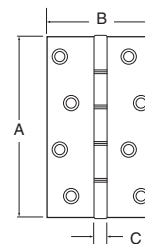


**U511 - D.P.B.W. Polished Brass Butts**

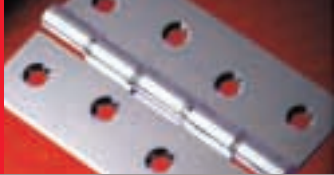


Line No.	A	B	C
U511/1	3"	2"	3mm
U511/2	4"	2 <sup>5</sup> / <sub>8</sub> "	3.5mm
U511/3	4"	3"	4mm

U511/3: Fire Tested



	U506	U507	U508	U509	U510	U511
<b>Standards</b>						
Classification						
<b>Security Features</b>						
Fire Resistant					☐	☐
Guarantee	1 year	1 year	1 year	1 year	2 years	2 years
<b>Features</b>						
Brass Pins			•			•
Steel Pins	•	•				
Stainless pins				•	•	
c/w Screws				•		
Handed						
<b>Finishes</b>						
RAL Coloured						
Self Colour	•					
Polished Brass		•	•		•	•
Zinc Plate						
Electro Brass						
Stainless Steel						
Polished Stainless Steel						
Chrome						
Aluminium				•		



# Hinges



## Hinges

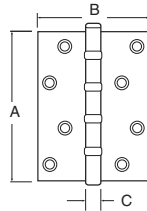


### U512 - 4 Ball Bearing Brass Butts c/w Screws



Line No.	A	B	C
U512/1	4"	3"	3mm
U512/2	4"	4"	3mm

U512/1: Fire Tested

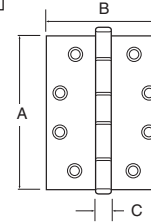


### U515 - S. Steel 2 Ball Bearing Butt c/w Screws



Line No.	A	B	C
U515/1	4"	3"	2.5mm
U515/2	4"	3"	3mm

U515/1: Fire Tested

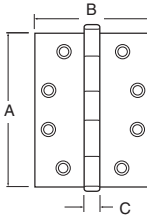


### U513 - S. Steel Plain Butts c/w Screws

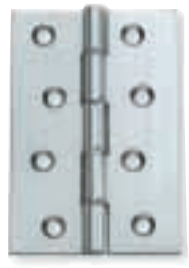


Line No.	A	B	C
U513/1	3"	2"	1.5mm
U513/2	4"	3"	2mm

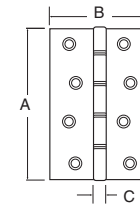
U513/2: Fire Tested



### U516 - Chrome Plated D.P.B.W. Butts c/w Screws



Line No.	A	B	C
U516/1	3"	2"	3mm
U516/2	4"	2 <sup>5</sup> / <sub>8</sub> "	3mm

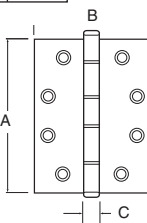


### U514 - S. Steel Washered Butts c/w Screws



Line No.	A	B	C
U514	4"	3"	2mm

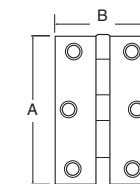
U514: Fire Tested



### U517 - Light Butts Z.P. - E.B. or Colour Coated



Line No.	A	B
U517/1	3"	2"
U517/2	4"	2 <sup>5</sup> / <sub>8</sub> "



	U512	U513	U514	U515	U516	U517
<b>Standards</b>						
Classification				8		
<b>Security Features</b>						
Fire Resistant	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>		
Guarantee	3 years	2 years	3 years	3 years	2 years	1 year
<b>Features</b>						
Brass Pins	<input checked="" type="checkbox"/>				<input checked="" type="checkbox"/>	
Steel Pins						<input checked="" type="checkbox"/>
Stainless pins		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
c/w Screws	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Handed						
<b>Finishes</b>						
RAL Coloured						<input checked="" type="checkbox"/>
Self Colour						
Polished Brass	<input checked="" type="checkbox"/>					
Zinc Plate						<input checked="" type="checkbox"/>
Electro Brass						<input checked="" type="checkbox"/>
Stainless Steel		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>		
Polished Stainless Steel						
Chrome					<input checked="" type="checkbox"/>	
Aluminium						



# Hinges



## Hinges



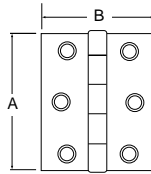
**U518 - Strong Butts Z.P. E.B. or Colour Coating**



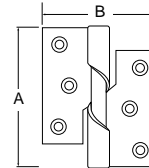
**U519 - Rising Butt Hinge Z.P. and E.B.**



Line No.	A	B
U518/1	3"	2"
U518/2	4"	2 <sup>5</sup> / <sub>8</sub> "



Line No.	A	B
U519/1	3"	2 <sup>3</sup> / <sub>4</sub> "
U519/2	4"	2 <sup>3</sup> / <sub>4</sub> "



## Details of metric sizes

MM		
<b>U500</b>	U500/1	25.4 x 19.05
	U500/2	38.1 x 22.22
	U500/3	50.8 x 28.57
	U500/4	63.5 x 34.92
	U500/5	76.2 x 41.27
	U500/6	101.6 x 60.32
	U500/7	101.6 x 66.67
	U500/8	101.6 x 76.2
	U500/9	127 x 76.2
	U500/10	152.4 x 76.2
<b>U501</b>	U501/1	76.2 x 41.27
	U501/2	101.6 x 66.67
<b>U502</b>	U502/1	25.4 x 19.05
	U502/2	38.1 x 22.22
	U502/3	50.8 x 28.57
	U502/4	63.5 x 34.92
	U502/5	76.2 x 41.27
	U502/6	76.2 x 50.8
	U502/7	101.6 x 66.67
<b>U503</b>	U503	31.75 x 101.6
<b>U504</b>	U504	63.5
<b>U505</b>	U505/1	101.6 x 50.8 x 4
	U505/2	101.6 x 76.2 x 5
	U505/3	101.6 x 101.6 x 6

MM		
<b>U506</b>	U506/1	76.2 x 50.8
	U506/2	101.6 x 66.67
	U506/3	101.6 x 76.2
	U506/4	127 x 76.2
<b>U507</b>	U507/1	76.2 x 50.8
	U507/2	101.6 x 66.67
	U507/3	101.6 x 76.2
	U507/4	127 x 76.2
<b>U508</b>	U508/1	76.2 x 50.8
	U508/2	101.6 x 66.67
	U508/3	101.6 x 76.2
	U508/4	101.6 x 101.6
	U508/5	152.4 x 101.6
<b>U509</b>	U509/1	76.2 x 50.8 x 3
	U509/2	101.6 x 66.67 x 3
<b>U510</b>	U510/1	76.2 x 50.8 x 3
	U510/2	101.6 x 66.67 x 3
	U510/3	101.6 x 76.2 x 4
<b>U511</b>	U511/1	76.2 x 50.8 x 3
	U511/2	101.6 x 66.67 x 3.5
	U511/3	101.6 x 76.2 x 4
<b>U512</b>	U512/1	101.6 x 76.2 x 3
	U512/2	101.6 x 101.6 x 3

MM		
<b>U513</b>	U513/1	76.2 x 50.8 x 1.5
	U513/2	101.6 x 76.2 x 2
<b>U514</b>	U514	101.6 x 76.2 x 2
<b>U515</b>	U515/1	101.6 x 76.2 x 2.5
	U515/2	101.6 x 76.2 x 3
<b>U516</b>	U516/1	76.2 x 50.8 x 3
	U516/2	101.6 x 66.67 x 3
<b>U517</b>	U517/1	76.2 x 50.8
	U517/2	101.6 x 66.67
<b>U518</b>	U518/1	76.2 x 50.8
	U518/2	101.6 x 66.67
<b>U519</b>	U519/1	76.2 x 69.85
	U519/2	101.6 x 69.85

U518 U519

### Standards

Classification

### Security Features



Guarantee

1 year 1 year

### Features

Brass Pins

Steel Pins

• •

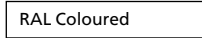
Stainless pins

c/w Screws

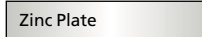
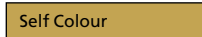
Handed

•

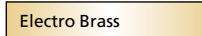
### Finishes



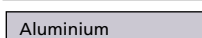
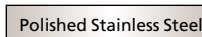
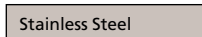
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• Cabinet Locks

Utility Locks

Utility Locks

**UNION**<sup>®</sup>



# Utility Locks



## Utility Locks Index

- *Introduction* U2
- *Cabinet Lock Choice* U3
- *What Type of Application* U3
- *Features and Functions* U3
- *Photo Gallery* U4
- *Range Table* U4
- *Cabinet Locks* U5-7

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offer a range of cabinet locks which are ideal for both commercial and industrial use.

The range includes variants for Drawers and Cupboards as well as Tills and Lockers.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## Keying Groups

Throughout the catalogue you will see a column headed.



The information shown under this heading can help you identify which products can be Keyed Alike or Masterkeyed.

The products that can be keyed to work with other products are given a group code.

**KA** - means the product can be **Keyed Alike** with more of the same product.

**MK** - means the product can be **Masterkeyed** with more of the same product.

A Group Letter (eg **A**) means the product can be **Keyed Alike** or **Masterkeyed** with more of the same product and with other products listed in the same group.

For the complete range of products and their keying groups, see the chart in the introduction section.

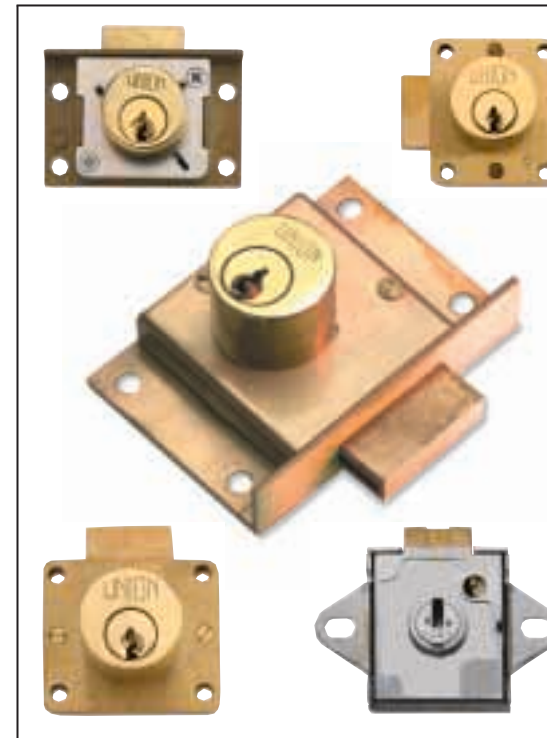
## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

**Example 1:** If you require a cabinet lock that is masterkeyable, look for the Key Control icon (number 11) in the range table

*Union, Simplifying the Specification Process.*



## Security Features

- Protected Section**  
Products are available as an option on a patented key section.
- Drill Resistant**  
Hardened protection against drill attack.
- Saw Resistant**  
Hardened protection against saw attack.
- Force Resistant**  
Built in strength against force attack.
- Pick Resistant**  
Built in protection to resist picking.
- Torque Resistant**  
Built in strength against torque attack.
- Tamper Resistant**  
Built in protection against Tampering.
- Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.
- Fire Resistant**  
Products conform to appropriate fire test requirements.
- Escape**  
Products for use on an escape door.
- Key Control**  
The products can be included in a key control system.
- Guarantee**  
Products are guaranteed for a period of time.



# Cabinet Locks



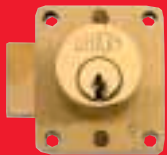
## Cabinet Lock Choice

- Choice of cabinet lock is based on specific application.
- Variants are available to suit drawers, cupboards, tills and lockers, with either a pin tumbler or lever mechanism.

## What Type of Application



- Wooden Drawers



- Wooden Cupboards



- Tills



- Steel Lockers

## Features and Functions

### Key Mechanism

Pin tumbler mechanism.  
Lever mechanism.

### Striking Plates

Available separately to suit, see U7.

### Number of Keys

Supplied with 2 keys as standard

### Key Withdrawal

On all Union cabinet locks the key can be taken out whether the bolt is locked or not.

### Rotating Cylinder

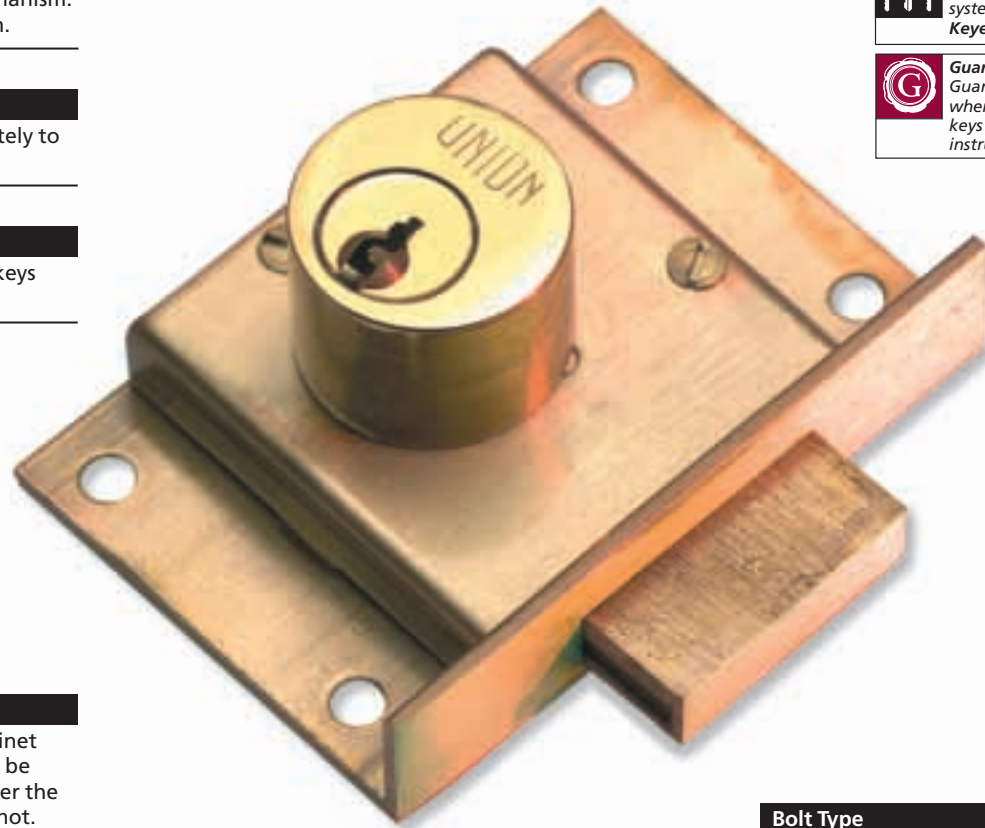
Available on some variants enabling,  
(a) either a drawer lock, or  
(b) a till lock,  
to be changed to a right or left hand cupboard lock.



**Key Control**  
Cylinders using the same key systems can be supplied *Keyed Alike, or Masterkeyed.*



**Guarantee**  
Guarantee period applicable when used with original Union keys and maintenance instructions followed.



### Bolt Type



The bolt is locked or unlocked by key.



The door or till closes automatically. The bolt is withdrawn by the key.

Finish:

Polished Brass

Satin Chrome

Zinc



# Cabinet Locks



## Cylinder Locks



**UNION** 4137 Page U5



**UNION** 4138 Page U5



**UNION** 4143 Page U5



**UNION** 4147 Page U5



**UNION** 4148 Page U6

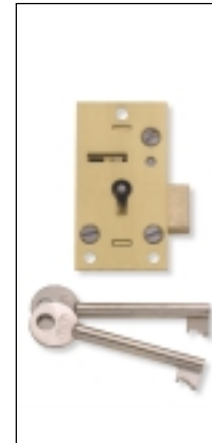


**UNION** 4010 Page U6



**UNION** 4110 Page U6

## Lever Locks



**UNION** 4146 Page U6



**UNION** 4348 Page U7

## UNION Cabinet Locks



### UNION Cylinder Locks

<b>4137 Cut Cupboard/Drawer Lock</b>	KA	10	DB	●					●	23mm	●		
<b>4138 Cut Cupboard/Till Lock</b>	KA	10	SB	●					●	23mm	●		
<b>4143 Cupboard Lock</b>	G	10	DB	●					●	12.5mm	●	●	
<b>4147 Cupboard/Drawer Lock</b>	KA	10	DB	●					●	12.5mm	●		
<b>4148 Cupboard/Till Lock</b>	KA	10	SB	●					●	12.5mm	●		
<b>4010 Drawer Lock</b>	B,C	10	DB		●	●				26.5mm	●	●	
<b>4110 Cupboard Lock</b>	B,C	10	DB		●	●				26.5mm	●	●	

### UNION Lever Locks

<b>4146 Cupboard Lock</b>	KA	10	DB						●	32mm	●		
<b>4348 Locker Lock</b>	KA	10	DB										Zinc

Notes: DB = Deadbolt, SB = Springbolt

Bolt type	Key Mechanism					Features and Functions		Finishes		
	4 Pin	5 Pin	6 Pin	4 Lever	7 Lever	Rotating Cylinder	Maximum material thickness of application	PB	SC	Other
	●					●	23mm	●		
	●					●	23mm	●		
	●						12.5mm	●	●	
	●					●	12.5mm	●		
	●					●	12.5mm	●		
		●	●				26.5mm	●	●	
		●	●				26.5mm	●	●	
				●			32mm	●		
					●					Zinc



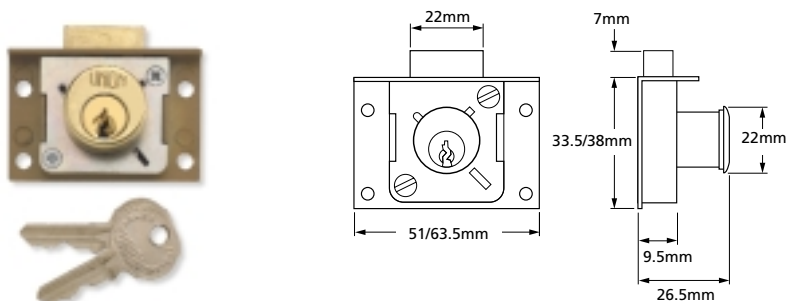
# Cabinet Locks



## Cylinder Locks

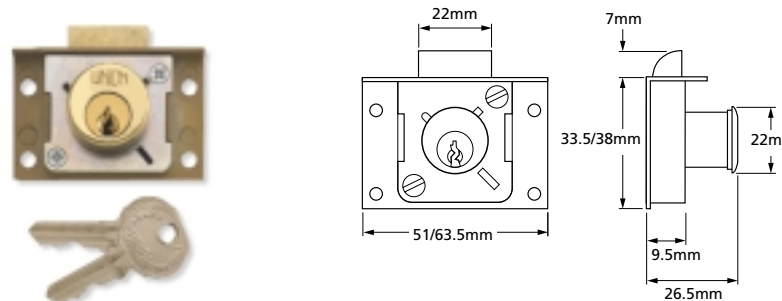
### UNION 4137 Cylinder Cut Cupboard/Drawer Lock

- For wood doors or drawers, 4 pin tumbler mechanism.
- Cylinder rotates to produce either a drawer lock or a right or left hand cupboard lock.
- To suit doors or drawers up to 23mm maximum material thickness.
- The bolt is locked or unlocked by the key.
- Keyblank number: KB11-534-102.
- Strike plate supplied separately, see U7.



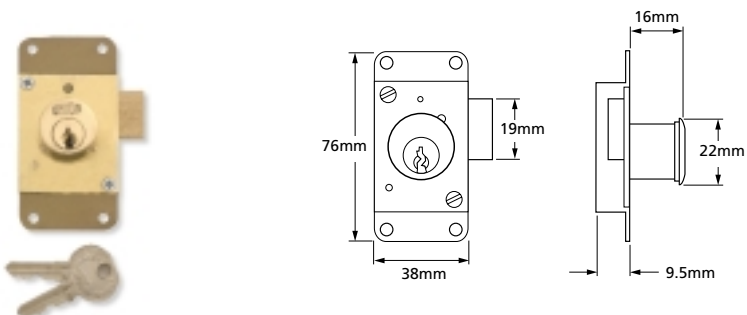
### UNION 4138 Cylinder Cut Cupboard/Till Lock

- For wood doors or tills. 4 pin tumbler mechanism.
- Cylinder rotates to produce either a till lock or a right or left hand cupboard lock.
- To suit doors or tills up to 23mm maximum material thickness.
- The door or till closes and the bolt is operated automatically. The bolt is withdrawn by the key.
- Keyblank number: KB11-534-102.
- Strike plate supplied separately (No. 4138-10), see U7.



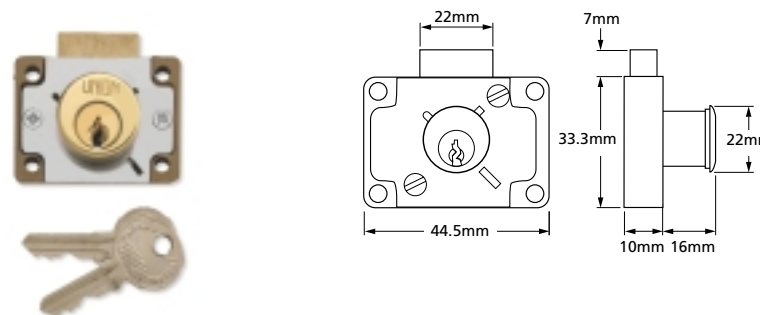
### UNION 4143 Cylinder Cupboard Lock

- For wood doors hinged on the left or right. 4 pin tumbler mechanism.
- The bolt is locked or unlocked by the key.
- To suit cupboards up to 12.5mm maximum material thickness.
- Keyblank number: KB11-534-102.
- May be supplied master-keyed.
- Strike plate supplied separately, see U7.



### UNION 4147 Cylinder Cupboard/Drawer Lock

- For wood doors or drawers. 4 pin tumbler mechanism.
- Cylinder rotates to produce either a drawer lock or a right or left hand cupboard lock.
- To suit doors or drawers up to 12.5mm maximum material thickness.
- The bolt is locked or unlocked by the key.
- Keyblank number: KB11-534-102.
- Strike plate supplied separately, see U7.





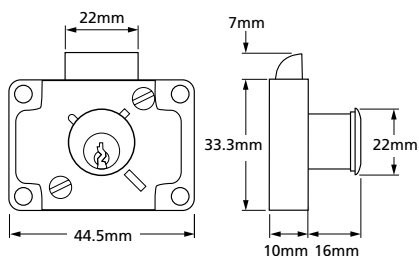
# Cabinet Locks



## Cylinder Locks

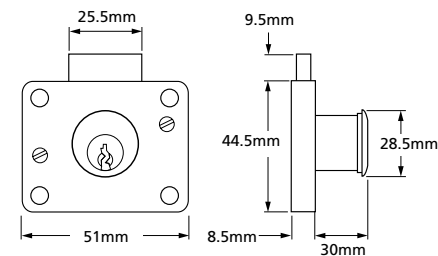
### UNION 4148 Cylinder Cupboard/Till Lock

- For wood doors or tills.
- 4 pin tumbler mechanism.
- Cylinder rotates to produce either a till lock or a right or left hand cupboard lock.
- To suit doors or tills of 12.5mm maximum material thickness.
- The door or till closes and the bolt is operated automatically. The bolt is withdrawn by the key.
- Keyblank number: KB11-534-102.
- Strike plate supplied separately (No. 4138-10), see U7.



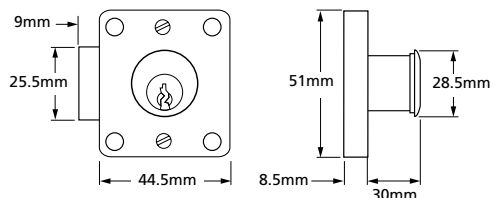
### UNION 4010 Cylinder Drawer Lock

- For wood drawers
- 5 pin tumbler mechanism.
- Cylinder projection to suit 26.5mm material thickness.
- The bolt is locked or unlocked by key.
- May be supplied master-keyed.
- Keyblank number: KB1-502-102.
- Strike plate supplied separately, see U7.



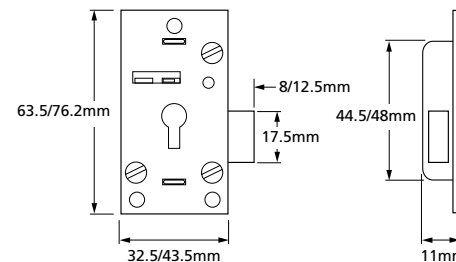
### UNION 4110 Cylinder Cupboard Lock

- For wood doors hinged on the left or right. 5 pin tumbler mechanism.
- Cylinder projection to suit 26.5mm material thickness.
- The bolt is locked or unlocked by key.
- Maybe supplied master-keyed.
- Keyblank number: KB1-502-102.
- Strike plate supplied separately, see U7.



### UNION 4146 Lever Cupboard Lock

- For wood doors hinged on left or right. 4 lever mechanism.
- Suit doors up to 32mm thick.
- The bolt is locked or unlocked by key.
- Keyblank number: KB611-0-1 for 76.2mm size KB671-0-1 for 63.5mm size.
- Strike plate supplied separately, see U7.





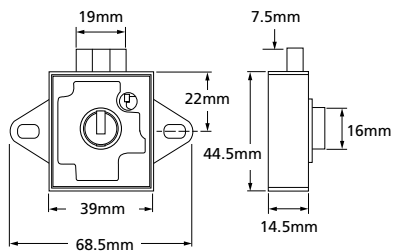
# Cabinet Locks



## Lever Locks

### UNION 4348 Locker Lock

- For steel locker and cupboard doors hinged on the left or right opening or outwards. 7 lever mechanism.
- The bolt is locked or unlocked by key.
- May be supplied master-keyed.
- Keyblank Number: KB619-0-1.
- Strike plate supplied separately, see U7.

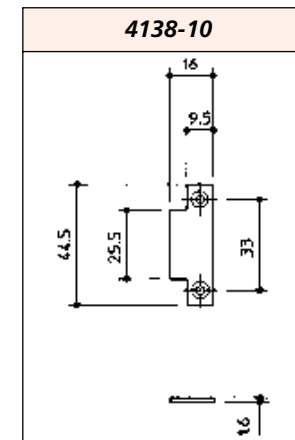
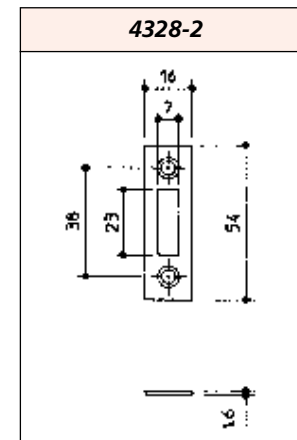
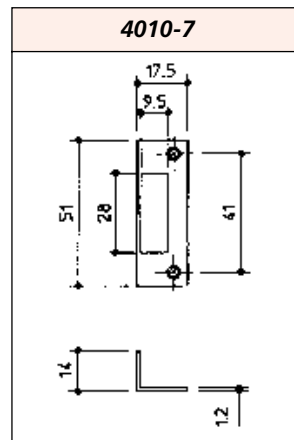
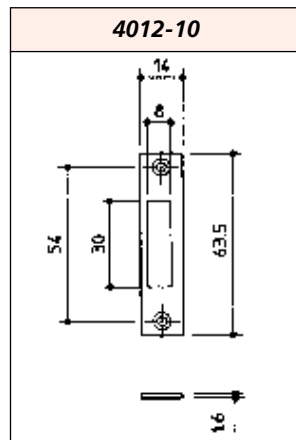
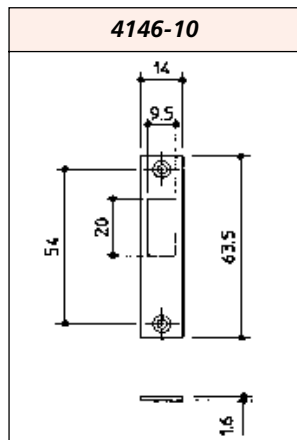
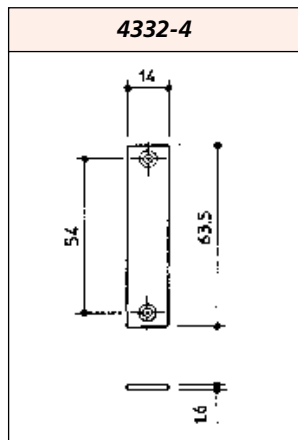


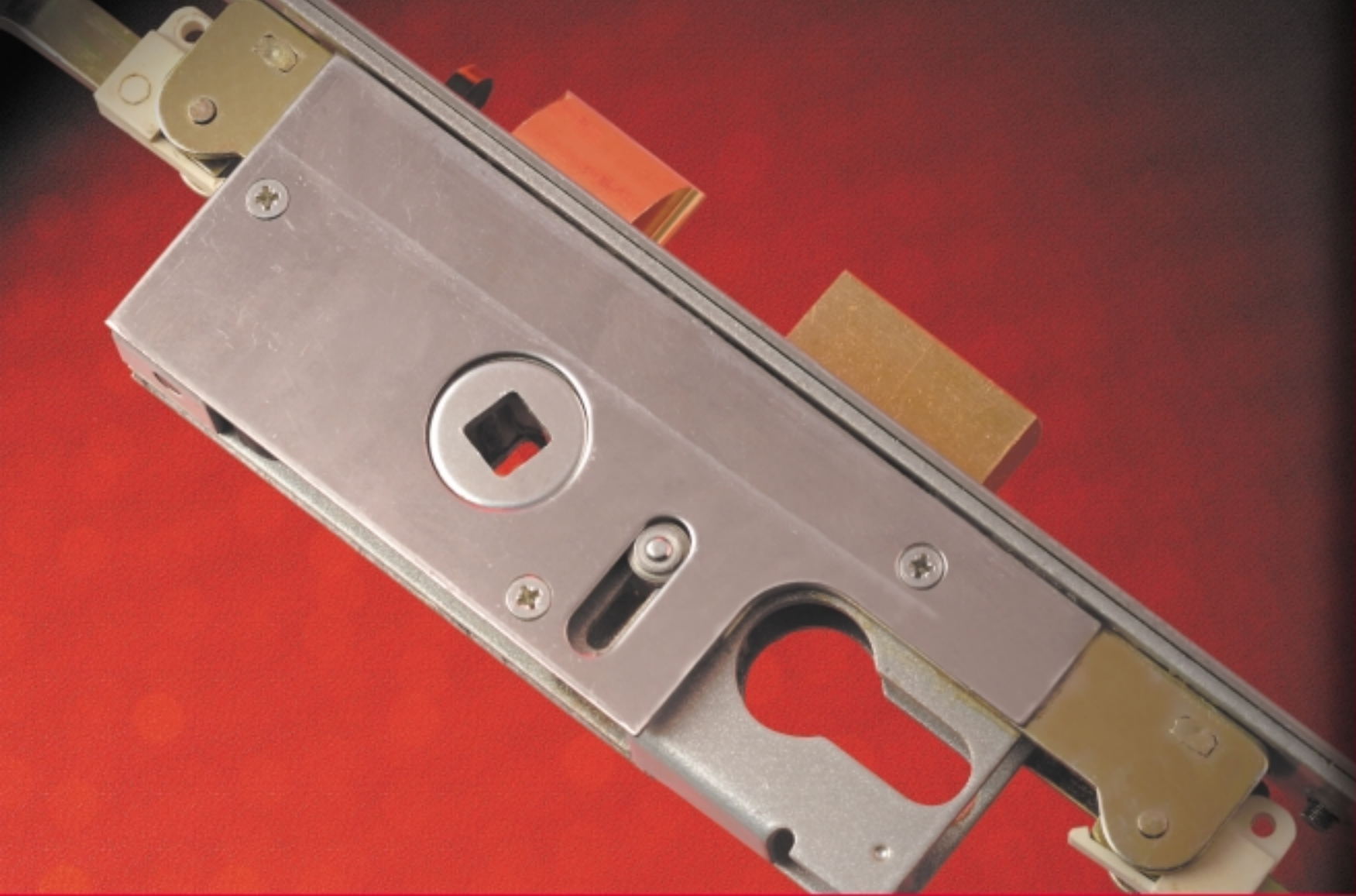
### UNION Striking Plates

List Number	4332-4	4146-10	4012-10	4010-7	4328-2	4138-10
4137	●		●	●	●	
4138	●					▲
4143	●	●	●	●	●	
4147	●					
4148	●					▲
4010	●		●	●		
4110	●		●	●	●	
4146	●	●		●	●	
4348	●	●	●	●	●	

▲ Supplied as standard ● Can be used with variants

### UNION Striking Plates





Multi-Point Locks

**UNION**<sup>®</sup>

Multi-Point Locks  
Furniture  
Locks

# Multipoint Locks



## Cylinders Index

• **Introduction** ML2

### Multi-Point Locks

• **Features & Functions** ML3

• **Photo Gallery** ML4

• **Range Table** ML5

• **High Security Centre Unit** ML6

• **Std. Security Centre Unit** ML6

• **High Security Hook Bolts** ML7

• **Std. Security Deadbolts** ML7

• **Shootbolt Kit (5 point)** ML8

• **Shootbolt Kit (3 point)** ML8

### Furniture

• **Features & Functions** ML9

• **Photo Gallery** ML10

• **Range Table** ML11

• **Eagle Range** ML12

• **Statesman Range** ML12

*Note: We have made every effort to ensure that at the time of going to print all information shown in this catalogue is correct. However, in our efforts to continually improve our products and offer only the highest levels of security and quality we reserve the right to make alterations to the product specifications shown in this catalogue. All dimensions provided within this catalogue are approximate and for guidance only.*

## Introduction

Union offers a comprehensive range of Multipoint locks and furniture to suit. The range includes single, three and five point locks. The aluminium furniture is available in two designs with various finishes available.



Union is accredited with and meets the requirements of BS EN ISO 9001: 1994.

## Standards & Approvals



The Association of British Insurers provides minimum security recommendations for external doors and windows.

## How to Specify

Union have developed a series of icons to enable the process of product specification to be simplified.

From today you can specifically detail your requirements for a product, therefore ensuring that it includes particular security features.

These will give confidence when specifying and ensure the right products are used on the right application.

**Example:** If you require a lock that has a saw resistant bolt, look for icon (number 3) in the range table.

*Union, Simplifying the Specification Process.*

## Security Features

**1 Protected Section**  
Products are available as an option on a patented key section.

**2 Drill Resistant**  
Hardened protection against drill attack.

**3 Saw Resistant**  
Hardened protection against saw attack.

**4 Force Resistant**  
Built in strength against force attack.

**5 Pick Resistant**  
Built in protection to resist picking.

**6 Torque Resistant**  
Built in strength against torque attack.

**7 Tamper Resistant**  
Built in protection against Tampering.

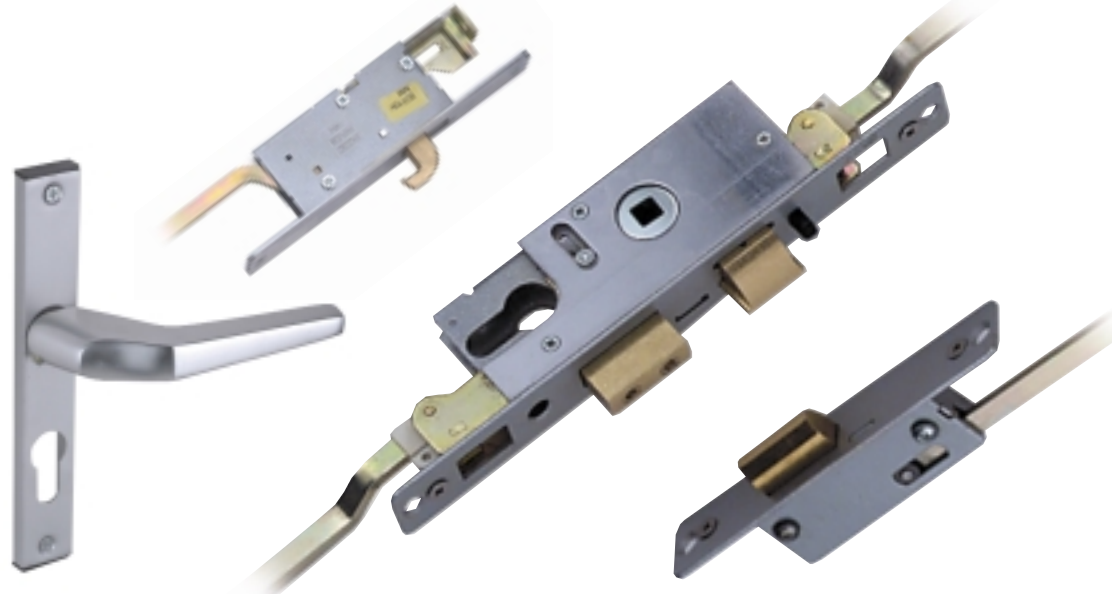
**8 Corrosion Resistant**  
Products conform to appropriate anti-corrosion requirements.

**9 Fire Resistant**  
Products conform to appropriate fire test requirements.

**10 Escape**  
Products for use on an escape door.

**11 Key Control**  
The products can be included in a key control system.

**12 Guarantee**  
Products are guaranteed for a period of time.



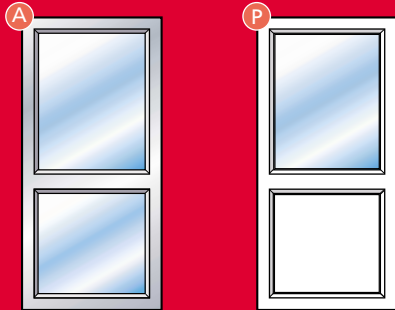
**Strikes & Forends** - Various strikes and forend plates are available depending upon the door specification. Contact Union OEM customer service for help and guidance.

# Multipoint Locks



## What type of door?

- A compact range of locks to suit Aluminium and PVCu doors.



### Door Types

- Door thicknesses 30-47mm.
- Fits a wide range of profiles.

- A** Aluminium
- P** PVCu

## What type of cylinder?



- Extensive range of Union 5 or 6 pin cylinders available with or without anti-pick or anti-drill protection for ABI rating.
- See cylinder section for details.

## Features and Functions

### Locking Mechanism

The means by which the door is held closed.

#### Deadbolt

Additional locking points for securing door into top and bottom frame.



#### Shootbolt

Further security for securing door into head and sill of frame.



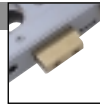
#### Hookbolt

Additional locking points which help prevent force attack.



#### Centre Deadbolt

Secures the door into the middle of the frame.



#### Latch

Reversible bolt for securing the door.



### Handing

Non handed system for ease of stocking

### Customisation

Strikes and keeps may be customised to suit individual profiles upon request.

### Secure Locking

The system cannot be locked until all of the bolts are fully thrown.

**Saw Resistant**  
Centre Deadbolt includes hardened steel rollers.

**Corrosion Resistant**  
Products have successfully completed an anti-corrosion test.

**Key Control**  
Can be Masterkeyed or Keyed Alike (KA).

**Guarantee**  
Guarantee period applicable when used with original Union Keys and maintenance instructions followed.

### Locking Method

#### Handle

The locking points are engaged in their keeps by an upwards movement of the handle.

#### Key

Turning the key in the outside cylinder will throw the centre deadbolt which secures all of the bolts, including the springbolt.

### Deadlocking Latch

The latch is automatically deadlocked when the door is closed.

### Night Latch Function

With the optional split spindle the latch can be withdrawn by the inside handle when the door is locked from the outside.

Finish: **Stainless Steel**

Ideal for Use with: Eagle and Statesman furniture.



# Multipoint Locks

High Security  
Centre Unit



**UNION** JL22180 Page 6

High Security  
Top & Bottom  
Hook Bolts



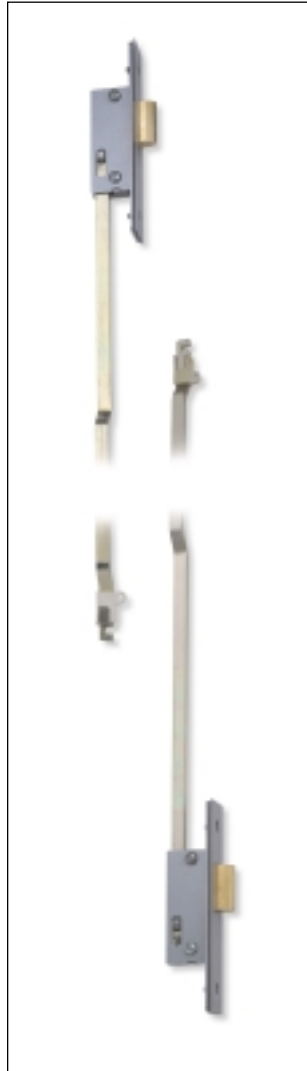
**UNION** J28190 • J28191 Page 7

Shootbolt Kit for  
5 Point Variant



**UNION** J28188-8 Page 8

High Security Top &  
Bottom Deadbolts



**UNION** J28161 • J28174 Page 7

Standard Shootbolt  
Centre Unit



**UNION** JL22172 Page 6

Shootbolt Kit for  
3 Point Variant



**UNION** J222172 - KIT Page 8



# Multipoint Locks

**Security Features**

- Saw Resistant
- Corrosion Resistant
- Key Control
- Guarantee

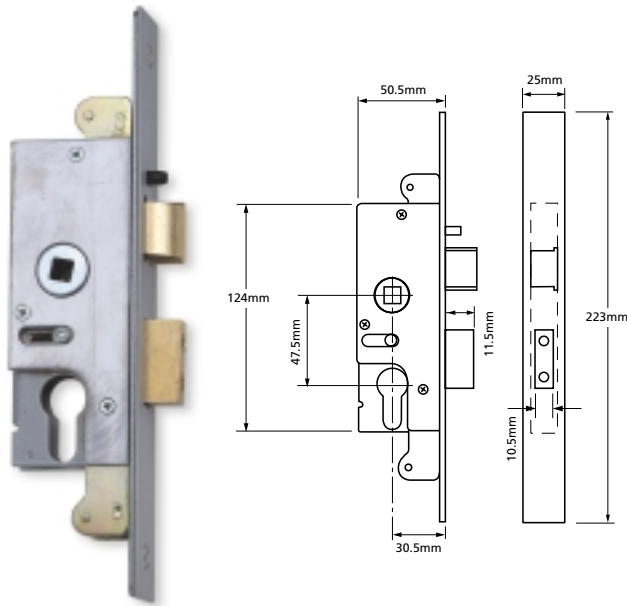
	Security Features				Features / Functions							Door Specification		Faceplate Finish
	Deadbolt	Ctr Deadbolt	Hookbolt	Ctr Latchbolt	Shootbolts	Nightlatch Variant	Deadlocking Internal	Deadlocking External	Backset	Type of Door	Stainless Steel			
<b>UNION High Security</b>														
<i>JL22180 CENTRE UNIT</i>	●	●	●	10		●		●	30.5mm	PVC, AL	●			
<i>J28190 TOP HOOK BOLT</i>			●	10				●		PVC, AL	●			
<i>J28191 BOTTOM HOOK BOLT</i>			●	10				●		PVC, AL	●			
<i>J28188-8 5 POINT KIT</i>			●	10				●		PVC, AL	●			
<b>UNION Standard Security</b>														
<i>JL22180 CENTRE UNIT</i>	●	●	●	10		●		●	30.5mm	PVC, AL	●			
<i>J28161 TOP DEADBOLT</i>			●	10	●			●		PVC, AL	●			
<i>J28174 BOTTOM DEADBOLT</i>			●	10	●			●		PVC, AL	●			
<b>UNION Standard Security</b>														
<i>JL22172 CENTRE UNIT</i>	●	●	●	10		●		●	35.5mm	PVC, AL	●			
<i>JL22172-KIT 3 POINT KIT</i>			●	10				●		PVC, AL	●			

Key: PVC = Plastic, AL = Aluminium.

## High Security Centre Unit

**UNION** JL22180

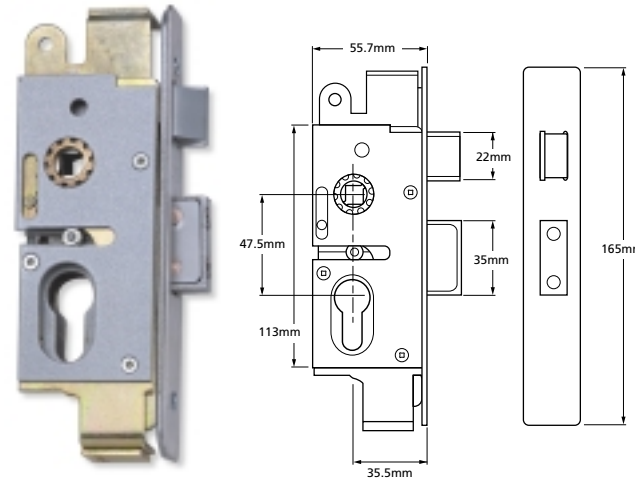
- Single throw deadbolt containing hardened steel inserts, protecting against saw attack.
- Auto Deadlocking latchbolt.
- Suitable for use with sprung furniture.
- Deadbolt operated by key and cylinder.
- Latchbolt withdrawn by handle or cylinder.
- 'Nightlatch' action available when used with a 'split' spindle.
- Easily reversible, non handed system for reduced stock handling.
- Centre Unit for link rod multipoint locks.



## Standard Security Centre Unit

**UNION** JL22172

- Double throw deadbolt extending to 24mm max. containing hardened steel inserts, protecting against saw attack.
- Suitable for use with sprung furniture.
- Deadbolt operated by key and cylinder.
- Latchbolt withdrawn by handle or cylinder.
- 'Nightlatch' action available when used with a 'split' spindle.
- Easily reversible, non handed system for reduced stock handling.
- Centre Unit for screw in link rod multipoint locks.

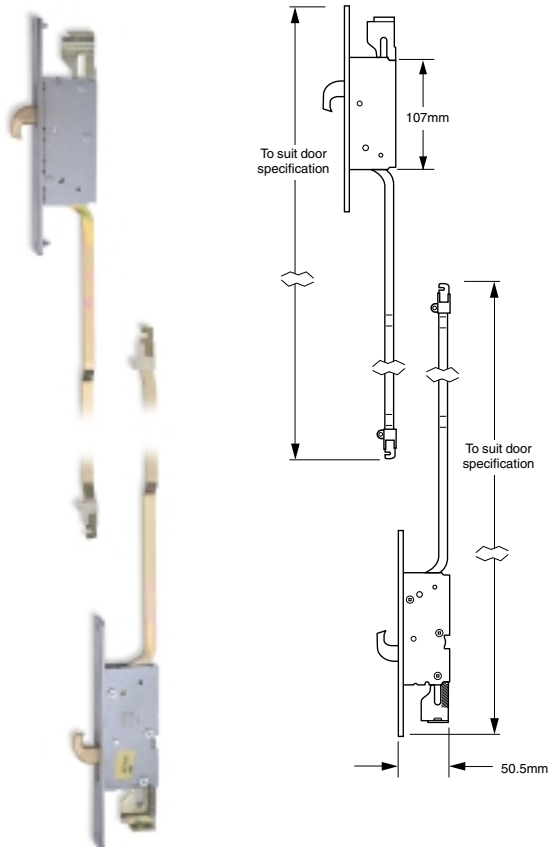


	JL22180	JL22172
<b>Security Features</b>		
Saw Resistant	•	•
Corrosion	•	•
Key Control	•	•
Guarantee	10	10
<b>Features / Functions</b>		
Deadbolt		
Centre Deadbolt	•	•
Hookbolt		
Centre Latchbolt	•	•
Shootbolts		
Night Latch Variant	•	•
Deadlocking Internal	Handle/Key	Handle/Key
Deadlocking External	Handle/Key	Handle/Key
<b>Door Specification</b>		
Backset	30.5mm	35.5mm
Type of Door	PVC, AL	PVC, AL
<b>Faceplate Finish</b>		
Stainless Steel	•	•

## High Security Hookbolts

**UNION** J28190 • J28191

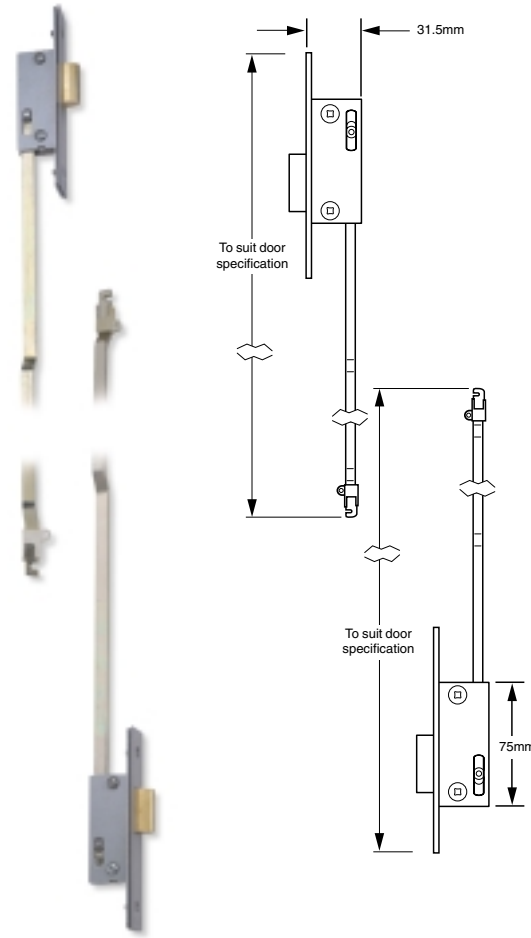
- Steel section, zinc plated for strength and durability.
- Brass self locking deadbolts.
- Opposed hookbolt travel preventing disengagement by vertical movement of the door.
- Tapered hooks to allow easy engagement with strike plates.
- 21mm projection suitable for maximum door compression of 6mm.
- To be used in conjunction with JL22180.



## Standard Security Deadbolts

**UNION** J28161 • J28174

- Steel section, zinc plated for strength and durability.
- Brass self locking deadbolts.
- To be used in conjunction with JL22180.



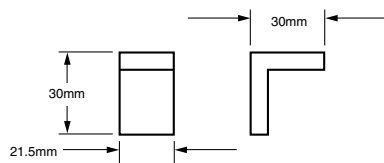
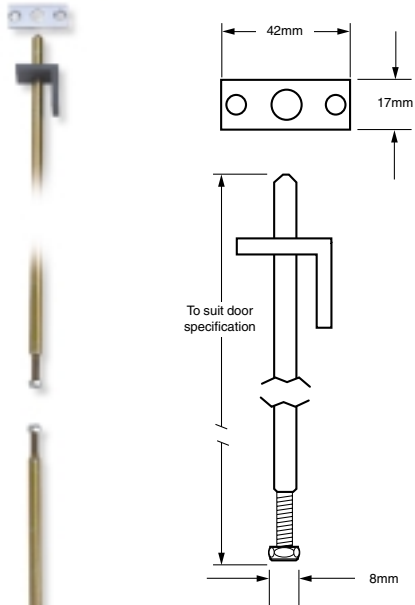
	J28190 • J28191	J28161 • J28174
<b>Security Features</b>		
Saw Resistant		
Corrosion	•	•
Key Control		
Guarantee	10	10
<b>Features / Functions</b>		
Deadbolt		•
Centre Deadbolt		
Hookbolt	•	
Centre Latchbolt		
Shootbolts		
Night Latch Variant		
Deadlocking Internal	Handle/Key	Handle/Key
Deadlocking External	Handle/Key	Handle/Key
<b>Door Specification</b>		
Backset		
Type of Door	PVC, AL	PVC, AL
<b>Faceplate Finish</b>		
Stainless Steel	•	•

# Multipoint Locks

## Shootbolt Kit for 3 Point Locking

### UNION J22172-Kit

- Provides 3 point locking security option when used in conjunction with JL22172 centre unit.
- Bolts secure into head and sill of frame when thrown by centre unit.
- 2 x 860mm Rods supplied as standard package. Other lengths available.

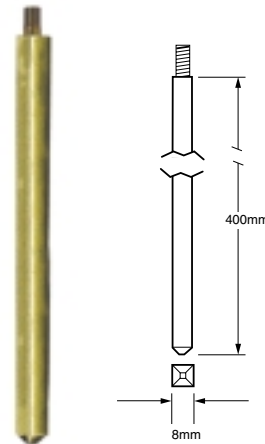


- Rigid PVC shoot guide.

## Shootbolt Kit for 5 Point Locking

### UNION J28188-8

- Provide 5 point locking when used in conjunction with JL22180, J28190 and J28191.
- Bolts secure into head and sill of frame when thrown by centre unit.



	J22172 KIT	J28188-8
<b>Security Features</b>		
Saw Resistant		
Corrosion	•	•
Key Control		
Guarantee	10	10
<b>Features / Functions</b>		
Deadbolt		
Centre Deadbolt		
Hookbolt		
Centre Latchbolt		
Shootbolts	•	•
Night Latch Variant		
Deadlocking Internal	Handle/Key	Handle/Key
Deadlocking External	Handle/Key	Handle/Key
<b>Door Specification</b>		
Backset		
Type of Door	PVC, AL	PVC, AL
<b>Faceplate Finish</b>		
Stainless Steel	•	

## Styling

The furniture is available in two styles.



## Fixings

All fixings, such as screws and bolts are supplied.

## What are Centres?

- This is the measurement from the centre of the 'follower', which operates the handles, to the centre of the keyhole.



## Features and Functions

### Fixing Types

The furniture can be fixed to the door in two ways.

### Bolt Through

The inside and outside furniture are bolted together with a pair of special bolts that pass through the lock and door.

### Face Fix

The furniture is screw fixed to the surface of the door.

### Spindle

All furniture is available with a fixed or split 8mm spindle.

### Concealed Fixing

Visible or concealed fix available.

### Handle Fixing

Levers are fixed to the spindle with a grub screw.



**Guarantee**  
Guarantee period applicable when used with original Union Keys and maintenance instructions followed.

### Springing

#### Double Sprung

The lever is sprung for upwards and downwards movement to allow for 2 way, 3 point locking.

#### Sprung

The lever returns to the rest position irrespective of any spring action in the lock.

### Lever Furniture Variations

The furniture is available with backplates to suit latch, lever key, euro profile and oval profile types of lock.

#### Latch (LA)

For use with mortice latches.

#### Lever Lock (LO)

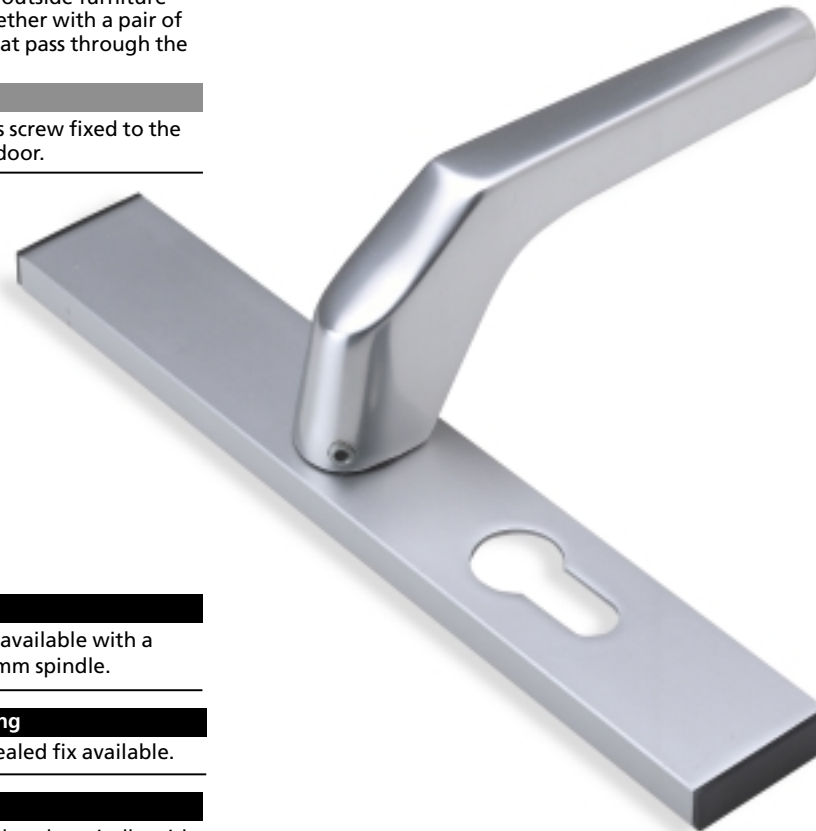
For use with mortice locks operated by a lever key.

#### Euro (PE)

For use with cylinder mortice locks operating with a Euro Profile cylinder.

#### Oval (PO)

For use with cylinder mortice locks operating with an Oval Profile cylinder.



Finish:

Anodised Gold

Anodised Silver

White Enamel

Matt Black

Anodised Black

Black Enamel

Ideal for Use with: Multipoint Locks, Mortice Locks.



## Aluminium Lever Furniture



# UNION® Handles

## Security Features



Guarantee

## Product Features

## Finish

### UNION Eagle Range

Product Code	Centre mm	Variation				Centres mm	Face Fix	Fixing Bolt Through	Concealed Fixing	Double	Springing Single	Unsprung	Finish						
		Latch	Lock	Euro	Oval								AG	AS	WE	MB	AK	BK	
J7448-08	10		●			48	●	○	●		●		○	●	○	○	○	○	○
J7448-48	10				●	48	●	○	●		●		●	●	●	○	○	○	○
J7448-281	10			●		48	●	○	●	●			●	●	●	○	○	○	○
J7468-07	10		●			48	●	○			●		○	●	○	○	○	○	○
J7468-27	10			●		48	●	○			●		●	●	●	○	○	○	○
J7468-47	10				●	48	●	○			●		○	●	○	○	○	○	○
J7479	10			●		92	●	○				●	●	●	○	○	○	○	○
J7484-281	10			●		48	●	○		●			●	●	●	○	○	○	○
J7494-281	10			●		48	●	○		●			●	●	●	○	●	○	○
J7494-282-LH/snib	10			●		48	●	○		●			●	●	●	○	●	○	○
J7494-981	10	●				N/A	●	○			●		●	●	○	○	○	○	○
J7510/snib	10			●		48	●	○	●	●			○	●	●	○	○	○	○
J7513/snib	10			●		48	●	○	●	●			○	○	●	○	○	○	○
J7520	10			●		48	●	○	●	●			●	●	●	○	●	○	○
JU7574	10			●		92	●	○		●			●	●	●	○	○	○	○
J7586/snib	10			●		48	●	○		●			●	○	○	○	○	○	○
J7590	10			●		92	●	○	●	●			●	●	●	○	○	○	○
J7592	10			●		62/92	●	○	●	●			●	○	○	○	○	○	○
J7597	10			●		48	●	○		●			●	●	●	○	○	○	●
J7598	10			●		48	●	○		●			●	●	●	○	○	○	○
J7599	10			●		48	●	○		●			○	●	○	○	○	○	○
J7602	10	●				N/A	●	○			●		○	●	○	○	○	○	○
J7715	10			●		48	●	○	●	●			●	●	●	○	●	○	○
J7716	10			●		48	●	○	●	●			●	●	●	○	●	○	○

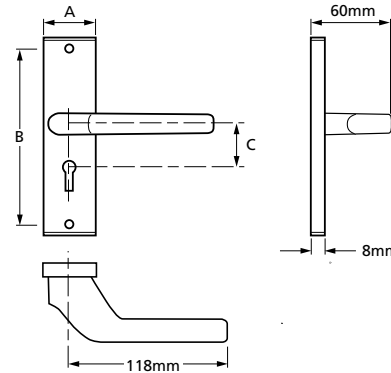
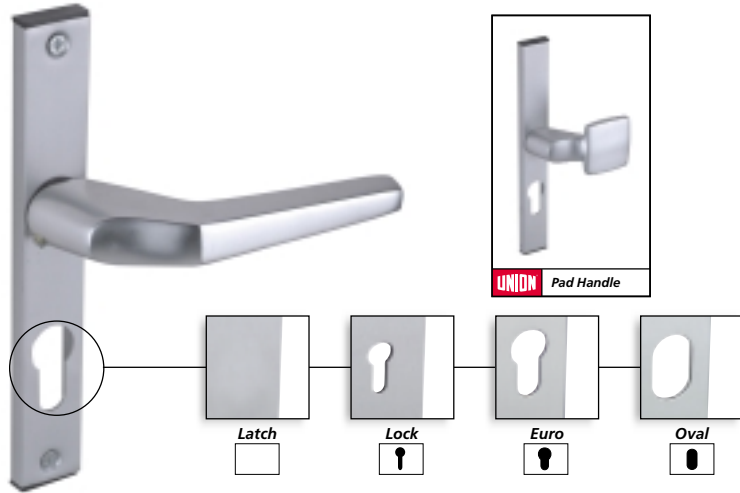
### UNION Statesman Range

JS4307RSL	10			●		48	●	○	●	●			●	●	●	●	○	○	○
JS4307PDRSL	10			●		48	●	○	●	●			●	●	●	●	○	○	○
JS4307PDRFSL	10			●		48	●	○	●	●			○	●	●	○	○	○	○

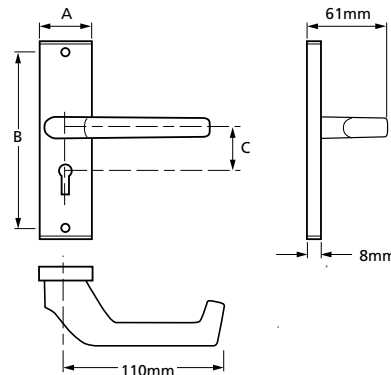
Finish - AG = Anodised Gold, AS = Anodised Silver, WE = White Enamel, MB = Matt Black, AK = Anodised Black, BK = Black Enamel. ○ = Optional.

## Handles

### UNION Eagle Range



### UNION Statesman Range



### Eagle Range

Model	A	B	C	Pairings	
J7448-08	32	184	48	L/L	🔑
J7448-28	32	184	48	L/L	🔑
J7448-48	32	184	48	L/L	🔑
J7448-281 *	32	184	48	L/L	🔑
J7468-07	25	158	48	L/L	🔑
J7468-27	25	158	48	L/L	🔑
J7468-47	25	158	48	L/L	🔑
J7479	25	207	92	L/L	🔑
J7484-281	32	184	48	L/L	🔑
J7494-281	32	189	48	L/L	🔑
J7494-282-LH/snib	32	189	48	L/L	🔑
J7494-981	32	184	N/A	L/L	
J7510/snib	32	156	48	L/P	🔑
J7513/snib	32	156	48	L/P	🔑
J7520	32	156	48	L/L	🔑
J7574	32	189	92	P/P	🔑
J7586/snib	32	189	48	P/P	🔑
J7590	32	237	92	L/L	🔑
J7592	32	237	62/92	P/P	🔑
J7597	32	176	48	L/L	🔑
J7598	32	176	48	L/P	🔑
J7599	32	176	48	L/P	🔑
J7602	32	181	N/A	L/L	
J7715	32	156	48	L/L	🔑
J7716	32	156	48	L/L	🔑

### Statesman Range

Model	A	B	C	Pairings	
JS4307RSL	27	179	48	L/L	🔑
JS4307PDRSL	27	179	48	L/P	🔑
JS4307PDRFSL	27	179	48	L/FP	🔑

\*J7448-281 is Double Sprung.  
 Pairings - L = Lever, P = Pad, FP = Fixed pad.