

**GOAL**<sup>®</sup>  
SINCE 1914

**GRAND V**  
(GV)Cylinder

**UKS 2**

Universal Key System

New Product

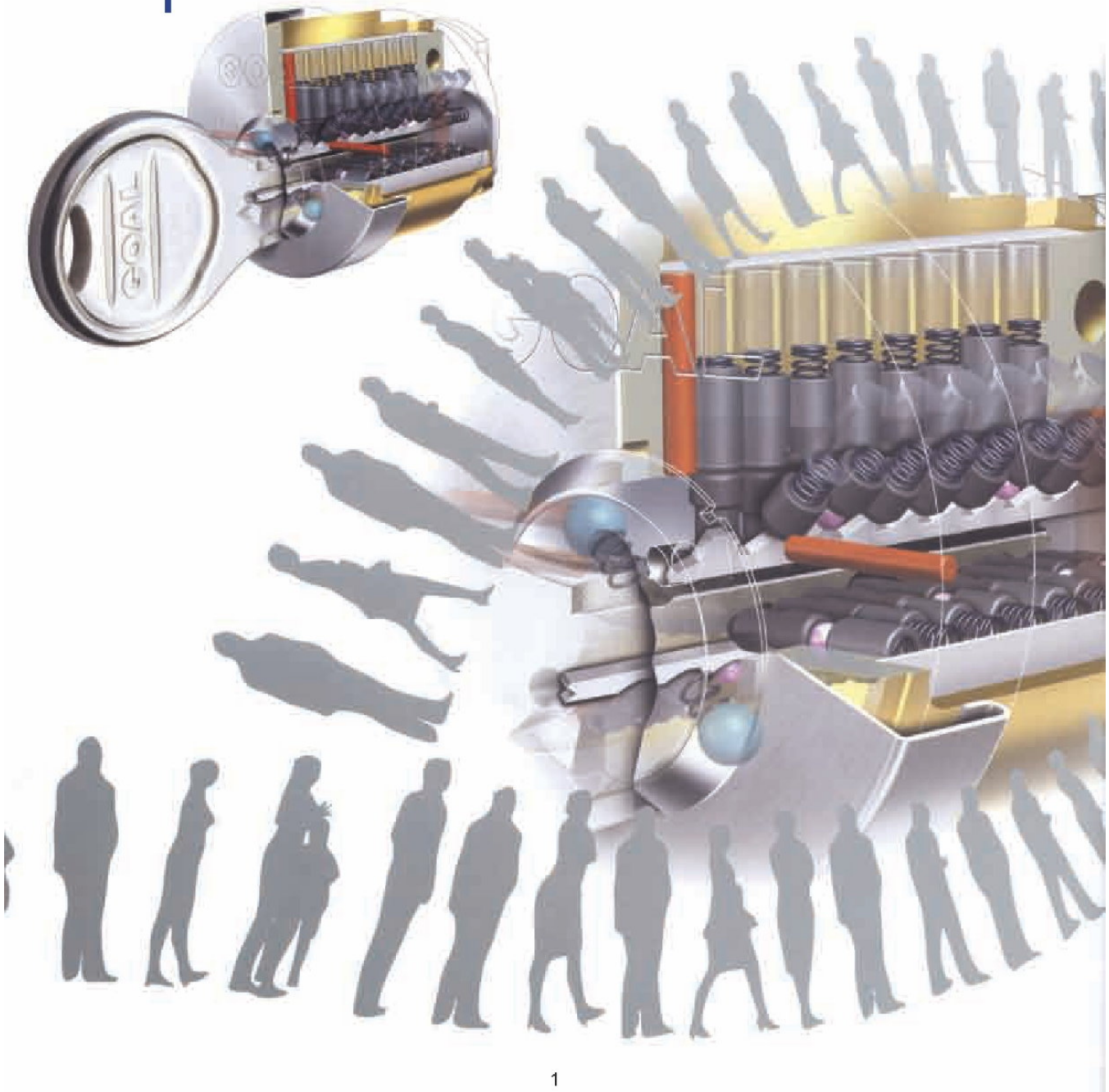


# New Invention.

**A high security 24 pin dimple key system that can be changed repeatedly without a locksmith or changing cylinders.**

Based on the 24 pin dimple key of the Grand V cylinder, which has a proven record of resistance to picking, drilling and bumping, the UKS2 brings a new dimension to versatile keying systems. The UKS2 delivers the ability to switch through up to 2400 keys for any given cylinder in the case of key loss or changing tenancy requirements. This can be done an infinite number of times without the need for a locksmith or disassembling the lock.

The typical changeover is done in less than 15 seconds. The UKS2 has significant applications in areas such as schools, hospitals, hotels, motels, offices, retail shops or anywhere that needs an instant security method that's handled in house.





**Repetitious key changing.**  
Keys can be changed repeatedly in accordance with requirements.

**High security.**  
The GV 24 pin dimple key is resistant to all picking methods. Duplicate keys are only issued to the key owner.

**Simple operation.**  
Keys can be repeatedly reset simply by operation of the provided unique security tools.

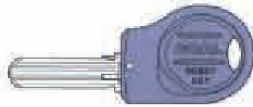
**Less management costs.**  
No need for locksmiths, pin changing, key cutting, or cylinder replacement.

**Master keys.**  
Master keys are available for any UKS2 cylinder.

# UKS 2

Universal Key System

## Operation of keys and tools.



### Reset key

Standard set number 3.



### Set tool

Standard set number 3.



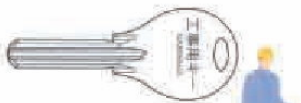
### Confirmation key

Standard set number 3.



**Used by administrator:** The reset key, set tool and confirmation key ( ie GV UKS2 set key kit) is kept by the administrator.

<b>Reference notes.</b>	This key is kept by the administrator and used to alter cylinder settings.	This tool is kept by the administrator and used to alter cylinder settings.	This key is kept by the administrator and used after the residents key is set.
	The cylinder status will be changed to the reset status by using this key. During this status any key will operate the cylinder.	This tool is used to set the residents key into operation. Once this is done only the residents key and the master key operate the cylinder.	This key confirms that the reset and set process has worked.
	Shift to the set status by using the resident's key and the set tool.	The cylinder can be set to the shutout status by using the set tool and the master key.	This key will not turn in the set status or shutout status thus confirming the configuration.



### Temporary key

Standard set number 3 each.

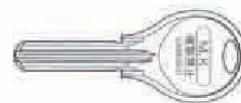
For construction workers



### Resident key

Standard set number 3 each.

For residents



### Master key

Standard set number 3 each.

For administrator

<b>Reference notes.</b>	This key is used during the construction phase.	This key is given to the resident when tenancy begins.	This key is kept by the administrator.
	This key is used during the initial stage of delivery.	By using the set tool the residents key is activated and all other keys are excluded except the master key.	This key can operate all cylinders within the group regardless of the cylinder set status.
	This key is changed out when the construction phase is finished.	The resident key can only be activated after using the set and reset tools.	After reset by using the master key with the set tool the shutout status is achieved.

## Key relationships.

	Initial status	Reset status	Set status	Shutout status
Temporary key	○	○	X	X
Resident key	X	○	○	X
Master key	○	○	○	○

## Maximum number of keys.

There are three types of UKS2 cylinders with varying numbers of available keys.

UKS2 S type up to 300 keys.

UKS2 M type up to 1100 keys.

UKS2 L type up to 2400 keys.

Prices vary in accordance with the key numbers ordered.

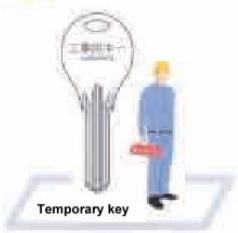
## Explanation of terms.

Reset status.	The reset status is achieved immediately after the reset tool has been used.
	All keys will work during the reset status stage.
Set status.	Once the cylinder is set only the selected residents key and master key can be used.
Shutout status.	Only the master key can be used.

# Illustrations

temporary key		reset key		master key	
Resident key		set tool			

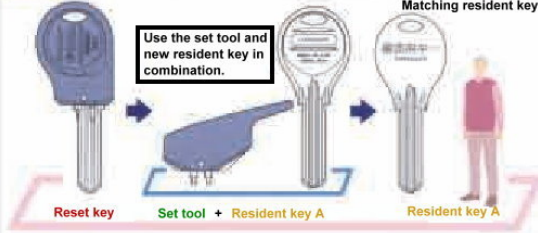
**1** During construction phase.  
Cylinder status: Initial status.



Temporary key

During building the construction key is used. This is switched out once the building is complete.

**2** After construction is finished.  
Cylinder status: Reset status to set status.



Reset key    Set tool + Resident key A    Resident key A

Use the set tool and new resident key in combination.

Matching resident key A.

After the construction period the lock is changed to the resident key using firstly the reset key and then the resident key with the set tool. The confirmation key is used to see that the lock has been set to the new resident's key. If the confirmation key does not turn then the reset process was successful.

**3** Resident A move in.  
Cylinder status: Set

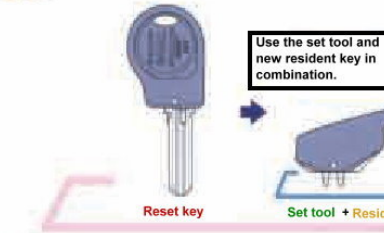


Matching resident key A.

Resident key A

The security administrator passes key "A" to the resident.

**4** Reset process after resident A moves out.  
Cylinder status: Reset status to set status.



Reset key    Set tool + Resident key B    Confirmation key


Use the set tool and new resident key in combination.

Matching resident key B

The administrator shifts the cylinder to the reset status with the reset key. The cylinder is shifted to the resident key by using the set tool and resident tool in combination.

The confirmation key is used to see that the lock has been set to the new resident's key. If the confirmation key does not turn then the reset process was successful.

**5** Resident B move in.  
Cylinder status: Set.




Matching resident key B

Resident key B

The security administrator passes key "B" to the resident.


## Cylinder setting sequence.

1.




1. Insert the reset key    2. Turn right 90°    3. Return to former position and pull out.

3.




1. Residents key and set tool inserted into the cylinder    2. Turn right 90°    3. Return to former position and pull out.

2.



1. Combine the residents key and set tool    2. Insert into cylinder

4.



1. Insert the confirmation key    2. Setting is complete if it doesn't turn

## Special Access

Multiple rooms can be set to a common access key for special use.

The security manager can set multiple rooms to one common access key for maintenance, renovation, special events or regular departmental use.

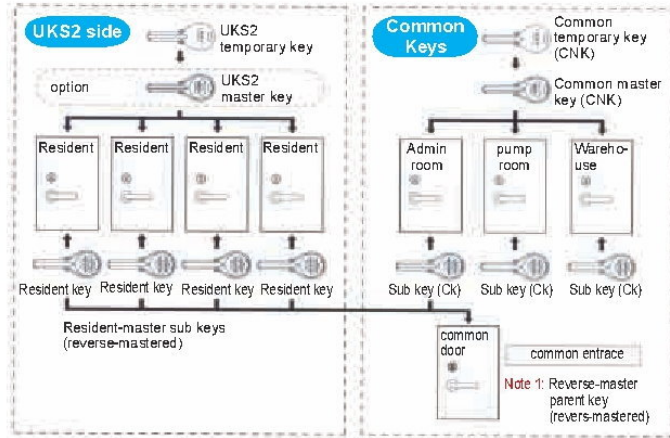


Reset key    Set tool + Common key Z    Confirmation key

Use the set tool and common key Z in combination.

### Key planning case.

- UKS2 temporary key & master can only be used with its specific UKS2 lock.
- The reset key and set tool must be used for changing the cylinder status.
- Reverse mastering can be set up to allow every resident key in the series to operate a specific door. This is ideal for common areas within a complex such as amenities rooms, bathrooms etc but should not be used for the primary door to access a building from outside.



### UKS2 Provides a distinct cost saving over the life of the lock

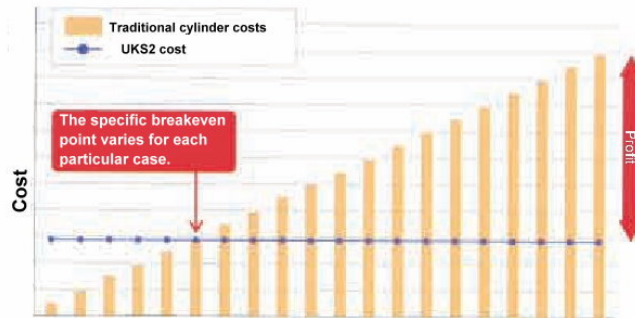
#### ► Traditional type

Traditional cylinders incur lock smithing costs due to lost keys or reconfiguring access for changing needs. Locksmith call outs cost you time and delays as well as compromised security.

#### ► UKS2

UKS2 brings the capacity for instant door access change to your own in house security team. As time progresses your savings increase.

#### UKS2 Cost comparison



Replacement period for cylinders and keys.

### Key replacement is strictly controlled by unique client numbers and tags.

Key security is strictly maintained by the manufacturer to ensure no unauthorised entry is achieved



Security ID tag registered to the user

Security for key duplication.

Both are required.



key No.



Security ID tag No.

### Lock models that use UKS2

UKS2 can be fitted to a variety of Goal lock sets to suit swing doors and sliding doors up to 123mm door thickness. Check with the main Goal catalogue for complete details of these locks and their unique feature set. This can be obtained at our web site at [www.lockbiz.com.au](http://www.lockbiz.com.au)

### RFID card and tag systems can also be used with UKS2

#### RFID & key



RFID Card



RFID key tag.



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(GV)Cylinder

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**Goal Corporation Ltd** **GOAL**

Australian Agents:

Lockbiz.  
MADP PTY LTD.  
PO Box 214  
Mortdale. NSW. 2223

[www.lockbiz.com.au](http://www.lockbiz.com.au)



Catalogue No. UK2-03-AU