

Masterkeyed Integrated Locking Systems



Unlocking Security, One System at a Time

ESTABLISHED IN 1988

UAP | PART OF THE UAP GROUP



WWW.UAPCORPORATE.COM/LOCKING-SYSTEMS



MILOS

Masterkeyed Integrated Locking Systems



INTRODUCTION TO LOCKING SYSTEMS

First established in 1988 based in Gateshead, now part of UAP Ltd, one of the largest door hardware suppliers in the UK. The business supplies locking cylinders and a bespoke masterkeying service to locksmiths and architectural ironmongery companies throughout the UK.

- 
1. Supplied over 40,000 master key systems
 2. Some of the largest & most prestigious building in the UK and Worldwide.



Raising Standards
Advancing Safety



MEET THE TEAM



At Locking Systems we have a dedicated team of staff with over 200 years combined experience in all aspects of cylinder locking. From scheduling complex master key systems, through the intricacies of assembly and pinning to despatch, they will support you through the process, ensuring you receive the ultimate service experience. At Locking Systems we have a proactive approach to development and training for all members of staff from our GAI trained professionals to our newly appointed apprentice.

SYSTEM SELECTION

Critical to the physical security of most buildings is in selecting the most appropriate cylinder system for the people who will manage the building and those who will use it. A few simple factors should be considered:



 Security

The level of physical security or attack resistance required to prevent forced entry



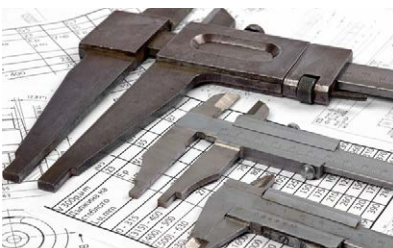
 Key cutting

Balancing the need for either key security, knowing keys cannot be copied locally or having the convenience of keys being duplicated locally without the need for authorization.



 Complexity

The size and complexity of the masterkeying suite



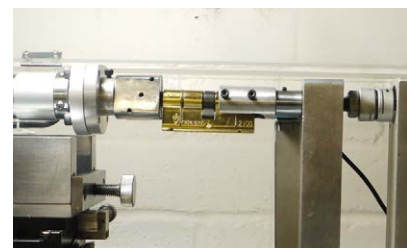
 Size

The type and lengths of cylinders required



 Functionality

Choice of additional cylinder functionality, standard, classroom, anti-barricade and other features



 Accreditation/ Testing

Selecting suppliers who can provide documented evidence of testing ensures product quality and compliance with industry standards.



Unlocking Security, One System at a Time

We have supplied over 40,000 master key systems in some of the largest & most prestigious buildings in the UK and Worldwide.



TAILORED SOLUTIONS

MILOS 100



MILOS 100 cylinders offer the ultimate convenience solution for masterkey systems making them ideal for buildings where key control is not a major factor. Supplied on an open key section where key blanks are freely available, allowing local duplication of keys.

MILOS 100 Series Features

- Unrestricted key section, allows the duplication of keys locally without authorization
- Six pin as standard
- Pick and drill resistant as standard
- Conforms to the highest security standard of EN1303:2015
- Tested to TS007 one star rating
- Extensive range of offset sizes, from 60mm up to 120mm
- Scandinavian Oval, rim and threaded cylinders
- Padlocks, various sizes with open, closed and extended shackles available
- Classroom function available
- Clutch/barricade function available
- “ACCESS” turn available, ideal for people who find the operation of normal turn cylinders difficult due to their restricted movement in their hands and fingers
- Available in a range of finishes including, satin nickel, brass, polished chrome, black.
- Bio key available. Treated with virus resisting compound



MILOS 100 Features

Range	Pin Chambers	Anti-Snap	Anti-Drill	Anti-Pick	Range Offering	ENI303 Durability	Complex Suiting	Key Protection
MILOS 100	Six Pins	✓	✓	✓	Extensive	100,000	Medium	No

	Euro Profiles Single Cylinders							Euro Profiles Double Cylinders							Euro Profiles Double Cylinders – Offset							Euro Profiles Cylinders & Thumb-turn																
Milos 100	• 30/10	• 35/10	• 40/10	• 45/10	• 50/10	• 55/10	• 60/10	• 65/10	• 60 – 30/30	• 70 – 35/35	• 80 – 40/40	• 90 – 45/45	• 100 – 50/50	• 110 – 55/55	• 120 – 60/60	• 65 – 30/35	• 70 – 30/40	• 75 – 30/45	• 80 – 30/50	• 85 – 30/55	• 90 – 30/60	• 75 – 35/40	• 80 – 35/45	• 85 – 35/50	• 90 – 35/55	• 85 – 40/45	• 90 – 40/50	• 95 – 40/55	• 100 – 40/60	• 95 – 45/50	• 100 – 45/55	• 60 – 30/30	• 70 – 35/35	• 80 – 40/40	• 90 – 45/45	• 100 – 50/50	• 110 – 55/55	• 120 – 60/60



Milos 100 Types



MILOS 100 Black Cylinders



Milos 100 Finishes

Euro Profiles Cylinders & Thumbturn – Offset (2nd dimension = turn side)														Scandinavian Cylinders	Rim Cylinders	Pad- locks																																																										
•	65 – 30/35	•	70 – 30/40	•	75 – 30/45	•	80 – 30/50	•	85 – 30/55	•	90 – 30/60	•	65 – 35/30	•	75 – 35/40	•	80 – 35/45	•	85 – 35/50	•	90 – 35/55	•	70 – 40/30	•	75 – 40/35	•	85 – 40/45	•	90 – 40/50	•	95 – 40/55	•	100 – 40/60	•	75 – 45/30	•	80 – 45/35	•	85 – 45/40	•	95 – 45/50	•	100 – 45/55	•	80 – 50/30	•	85 – 50/35	•	90 – 50/40	•	95 – 50/45	•	110 – 50/60	•	85 – 55/30	•	90 – 55/35	•	95 – 55/40	•	100 – 55/45	•	Internal	•	External	•	Int & Ext	•	Rim	•	Screw-in Rim Mortice Cyl.	•	See page 19	•



MILOS 100R

RESTRICTED

MILOS 100R offers the same extensive range of cylinders and functionality as MILOS 100 but with the added security and peace of mind that keys cannot be duplicated locally. MILOS 100R is manufactured using multiple key profiles, all of which are restricted so that keys cannot be duplicated locally as the supply of key blanks is restricted.

MILOS 100R Series Features

- Multiple restricted key sections, duplicate keys only available from UAP
- Six pin as standard
- Pick and drill resistant as standard
- Conforms to the highest security standard of EN1303:2015
- Tested to TS007 one star rating
- Extensive range of offset sizes, from 60mm up to 120mm available
- Scandinavian Oval, rim and threaded cylinders available
- Padlocks, various sizes with open, closed and extended shackles available
- Classroom function available
- Clutch/barricade function available
- “ACCESS” turn available, ideal for people who find the operation of normal turn cylinders difficult due to their restricted movement in their hands and fingers
- Available in a range of finishes including, satin nickel, brass, polished chrome, black.



MILOS 100R Features

Range	Pin Chambers	Anti-Snap	Anti-Drill	Anti-Pick	Range Offering	EN1303 Durability	Complex Suiting	Key Protection
MILOS 100R	Six Pins	✓	✓	✓	Extensive	100,000	Medium	Yes

	Euro Profiles Single Cylinders							Euro Profiles Double Cylinders							Euro Profiles Double Cylinders – Offset							Euro Profiles Cylinders & Thumbturn																
Milos 100R	• 30/10	• 35/10	• 40/10	• 45/10	• 50/10	• 55/10	• 60/10	• 65/10	• 60 – 30/30	• 70 – 35/35	• 80 – 40/40	• 90 – 45/45	• 100 – 50/50	• 110 – 55/55	• 120 – 60/60	• 65 – 30/35	• 70 – 30/40	• 75 – 30/45	• 80 – 30/50	• 85 – 30/55	• 90 – 30/60	• 75 – 35/40	• 80 – 35/45	• 85 – 35/50	• 90 – 35/55	• 85 – 40/45	• 90 – 40/50	• 95 – 40/55	• 100 – 40/60	• 95 – 45/50	• 100 – 45/55	• 60 – 30/30	• 70 – 35/35	• 80 – 40/40	• 90 – 45/45	• 100 – 50/50	• 110 – 55/55	• 120 – 60/60



Milos 100R Keys



Milos 100R Turn Options



Milos 100R Finishes

Euro Profiles Cylinders & Thumbturn – Offset (2nd dimension = turn side)																	Scandinavian Cylinders	Rim Cylinders	Pad- locks																																																							
•	65 – 30/35	•	70 – 30/40	•	75 – 30/45	•	80 – 30/50	•	85 – 30/55	•	90 – 30/60	•	65 – 35/30	•	75 – 35/40	•	80 – 35/45	•	85 – 35/50	•	90 – 35/55	•	70 – 40/30	•	75 – 40/35	•	85 – 40/45	•	90 – 40/50	•	95 – 40/55	•	100 – 40/60	•	75 – 45/30	•	80 – 45/35	•	85 – 45/40	•	95 – 45/50	•	100 – 45/55	•	80 – 50/30	•	85 – 50/35	•	90 – 50/40	•	95 – 50/45	•	110 – 50/60	•	85 – 55/30	•	90 – 55/35	•	95 – 55/40	•	100 – 55/45	•	Internal	•	External	•	Int & Ext	•	Rim	•	Screw-in Rim Mortice Cyl.	•	See page 19	•

MILOS 600

MILOS 600 cylinders are the ultimate solution for masterkey systems making them ideal for large complex commercial applications.

MILOS 600 Series Features

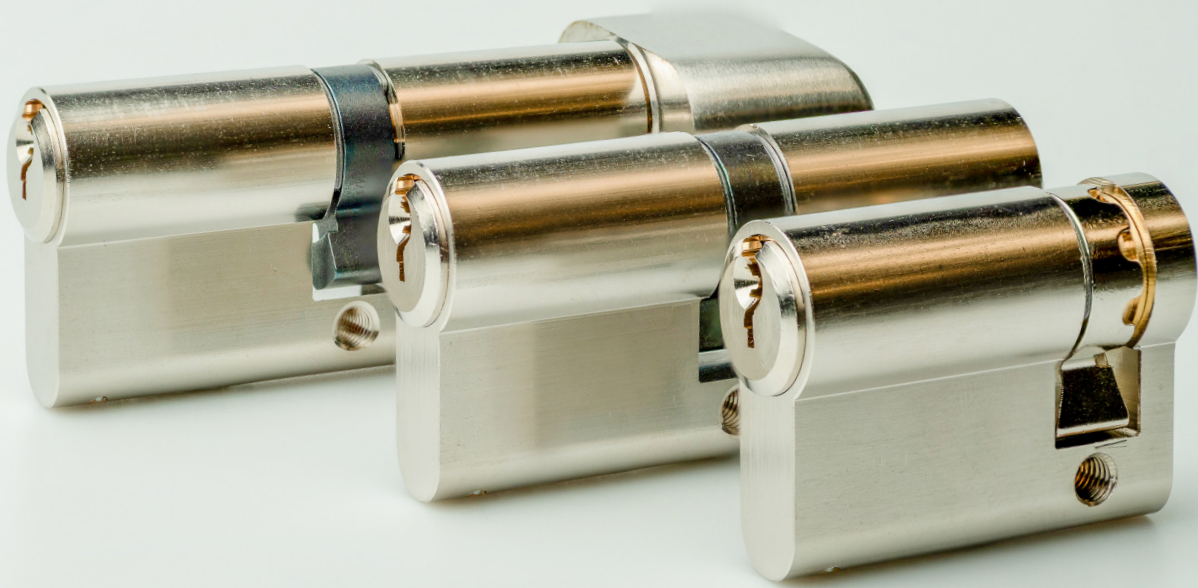
- Multiple patented key sections, duplicate keys only available from UAP
- Six pin as standard
- Pick and drill resistant as standard
- Conforms to the highest security standard of EN1303:2015
- Extensive range of offset sizes, from 60mm up to 120mm plus made to order special sizes
- Scandinavian Oval, UK Oval, rim and threaded cylinders available
- Padlocks, various sizes with open, closed and extended shackles available
- Classroom function available
- Clutch/barricade function available
- “EZE” turn available, ideal for people who find the operation of normal turn cylinders difficult due to their restricted movement in their hands and fingers
- Available in a range of finishes including, satin nickel, brass, polished chrome, black and bronze
- Can be suited with MILOS 600 3*

MILOS 600 Features

Range	Pin Chambers	Anti-Snap	Anti-Drill	Anti-Pick	Range Offering	EN1303 Durability	Complex Suiting	Key Protection
MILOS 600	Six Pins	x	✓	✓	Full	100,000	Large	Yes

	Euro Profiles Single Cylinders							Euro Profiles Double Cylinders							Euro Profiles Double Cylinders – Offset							Euro Profiles Cylinders & Thumbturn																
Milos 600	• 30/10 *	• 35/10 *	• 40/10	• 45/10	• 50/10	• 55/10	• 60/10	• 65/10	• 60 – 30/30 *	• 70 – 35/35 *	• 80 – 40/40 *	• 90 – 45/45	• 100 – 50/50	• 110 – 55/55	• 120 – 60/60	• 65 – 30/35	• 70 – 30/40	• 75 – 30/45	• 80 – 30/50	• 85 – 30/55	• 90 – 30/60	• 75 – 35/40	• 80 – 35/45	• 85 – 35/50	• 90 – 35/55	• 85 – 40/45	• 90 – 40/50	• 95 – 40/55	• 100 – 40/60	• 95 – 45/50	• 100 – 45/55	• 60 – 30/30 *	• 70 – 35/35 *	• 80 – 40/40 *	• 90 – 45/45	• 100 – 50/50	• 110 – 55/55	• 120 – 60/60

*Also available in UK oval



Milos 600 Cylinder Types



MILOS 600 UK oval & scandinavian oval



Milos 600 Standard & "EZE" Turn

Euro Profiles Cylinders & Thumbturn – Offset (2nd dimension = turn side)																	Scandinavian Cylinders			Rim Cylinders		Pad- locks																																																				
•	65 – 30/35	•	70 – 30/40	•	75 – 30/45	•	80 – 30/50	•	85 – 30/55	•	90 – 30/60	•	65 – 35/30	•	75 – 35/40	•	80 – 35/45	•	85 – 35/50	•	90 – 35/55	•	70 – 40/30	•	75 – 40/35	•	85 – 40/45	•	90 – 40/50	•	95 – 40/55	•	100 – 40/60	•	75 – 45/30	•	80 – 45/35	•	85 – 45/40	•	95 – 45/50	•	100 – 45/55	•	80 – 50/30	•	85 – 50/35	•	90 – 50/40	•	95 – 50/45	•	110 – 50/60	•	85 – 55/30	•	90 – 55/35	•	95 – 55/40	•	100 – 55/45	•	Internal	•	External	•	Int & Ext	•	Rim	•	Screw-in Rim Mortice Cyl.	•	See page 19	•



MILOS 600 3*

MILOS 600 cylinders are the ultimate solution for masterkey systems making them ideal for large complex commercial applications.

MILOS 600* Series Features

- Multiple patented key sections, duplicate keys only available from UAP
- Six pin as standard
- Pick and drill resistant as standard
- Conforms to the highest security standard of EN1303:2015
- Extensive range of offset sizes, from 60mm up to 120mm plus made to order special sizes
- “EZE” turn available, ideal for people who find the operation of normal turn cylinders difficult due to their restricted movement in their hands and fingers
- Available in a range of finishes including, satin nickel, brass, polished chrome, black and bronze.
- Can be suited with MILOS 600



MILOS 600 3* Features

Range	Pin Chambers	Anti-Snap	Anti-Drill	Anti-Pick	Range Offering	EN1303 Durability	Complex Suiting	Key Protection
MILOS 600	Six Pins	✓	✓	✓	Full	100,000	Large	Yes

	Euro Profiles Double Cylinders						Euro Profiles Double Cylinders – Offset						Euro Profiles Cylinders & Thumbturn						Euro Profiles Cylinders & Thumbturn – Offset (2nd dimension = turn side)																							
	70 – 35/35	80 – 40/40	90 – 45/45	100 – 50/50	110 – 55/55	120 – 60/60	75 – 35/40	80 – 35/45	85 – 35/50	90 – 35/55	95 – 35/60	85 – 40/45	90 – 40/50	95 – 40/55	100 – 40/60	95 – 45/50	100 – 45/55	110 – 50/60	70 – 35/35	80 – 40/40	90 – 45/45	100 – 50/50	110 – 55/55	120 – 60/60	75 – 35/40	80 – 35/45	85 – 35/50	90 – 35/55	75 – 40/35	85 – 40/45	90 – 40/50	80 – 45/35	85 – 45/40	95 – 45/50	100 – 45/55	85 – 50/35	90 – 50/40	95 – 50/45	110 – 50/60	90 – 55/35	95 – 55/40	100 – 55/45
Milos 600 3*	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		



Milos 600 3* Kitemarked



MILOS 6003* Kitemarked
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KINETICA+ K4

KINETICA cylinders have been successfully tested on a variety of PAS24 doorsets. Thanks to its multi patented safety features it takes security, safety, hygiene to a whole new level. At the heart of the cylinder’s advanced defence capability lies an ingenious cam system that delivers a new kind of security. The Bio keys have antibacterial and antiviral properties, tested to ISO 22196:2011 and shown to reduce Staphylococcus aureus and Escherichia Coli and to ISO 21702:2019 and shown to reduce SARS-CoV-2.

Kinetica+ K4 Series Features

- Unrestricted key section, allows the duplication of keys locally without authorization
- Six pin as standard
- Pick, bump and drill resistant as standard
- Tested to the highest security standard of EN1303:2015
- Secured by Design Approved
- Euro Double (Key/Key) 70mm, increments of 5mm, various offset size available
- Euro Key & Turn 70mm, increments of 5mm, various offset size available
- Can be suited with Milos 100
- “ACCESS Bio Grip” and “TRIANGLE” turn available, ideal for people who find the operation of normal turn cylinders difficult due to their restricted movement in their hands and fingers
- Available in a range of finishes including, satin nickel, brass, polished chrome, black.
- Bio Key as standard



Kinetica+ K4 Features

Range	Pin Chambers	Anti-Snap	Anti-Drill	Anti-Pick	Range Offering	ENI303 Durability	Complex Suiting	Key Protection
Kinetica+	Six Pins	✓	✓	✓	Extensive	100,000	Medium	No

	Euro Profiles Double Cylinders					Euro Profiles Double Cylinders – Offset (1st dimension = external side)																			
	70 – 35/35	80 – 40/40	90 – 45/45	100 – 50/50	110 – 55/55	75 – 35/40	80 – 35/45	95 – 35/60	105 – 35/70	110 – 35/75	85 – 40/45	90 – 40/50	95 – 40/55	95 – 45/40	100 – 45/55	95 – 45/50	100 – 45/55	90 – 50/40	95 – 50/45	95 – 60/35	105 – 60/45	110 – 60/50	105 – 70/35	120 – 70/50	
Kinetica K4	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•



Kinetica+ K4 Thumbturn options



Kinetica+ K4 offset



Kinetica+ K4 Finishes

	Euro Profile Cylinders & Turn (2nd Dimension = turn side)																								
Kinetica K4	70 – 35/35	80 – 40/40	90 – 45/45	100 – 50/50	110 – 55/55	120 – 60/60	75 – 35/40	80 – 35/45	95 – 35/60	105 – 35/70	75 – 40/35	85 – 40/45	90 – 40/50	95 – 40/55	80 – 45/35	100 – 45/55	90 – 50/40	95 – 50/45	105 – 50/55	90 – 55/35	95 – 55/40	100 – 55/45	95 – 60/35	105 – 70/35	110 – 75/35
	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

OTHER CYLINDERS & DIMENSIONS

MILOS cylinders are readily available in a wide range of lengths including equal and offset double and thumbturn cylinders. Our experienced team will be happy to help and advise to match your locking system needs.



Turn Turn cylinder



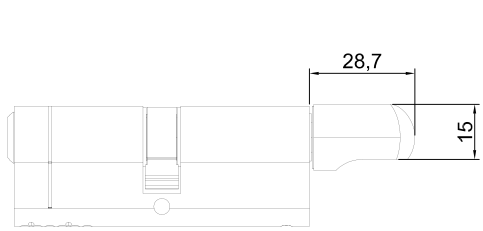
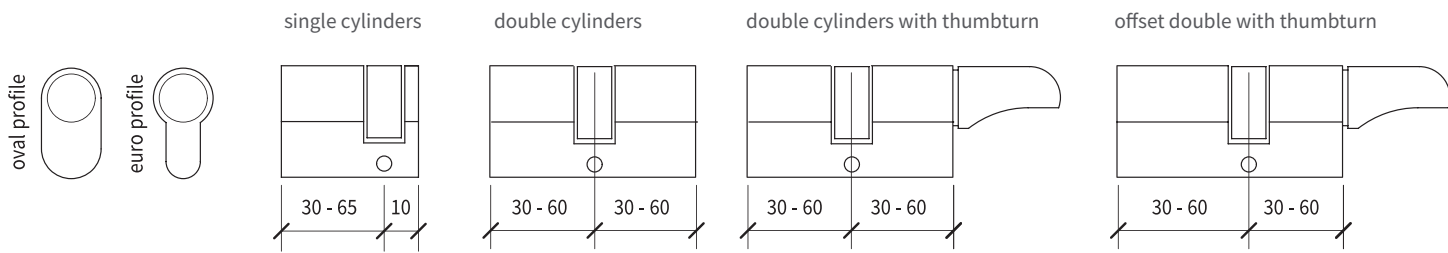
Blind cylinder



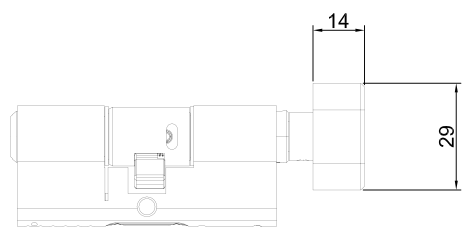
ESK cylinder



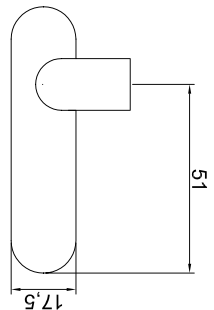
Rim, Scandinavian cylinders



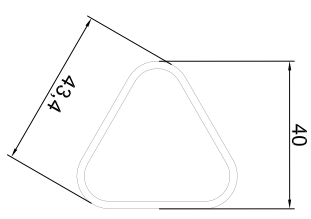
MILOS Turn



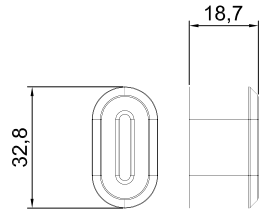
Kinetica+ K4 Turn



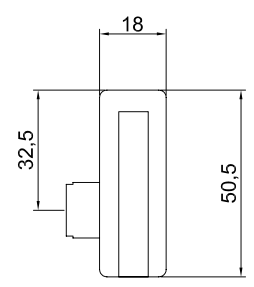
ACCESS turn



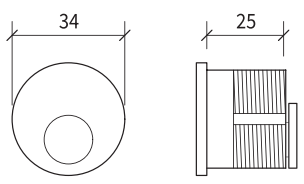
RED TRIANGLE turn



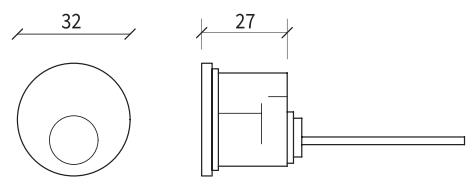
BIOGRIP turn



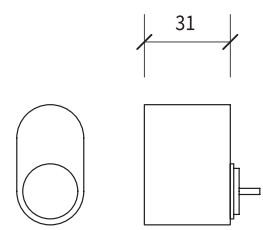
EZE turn



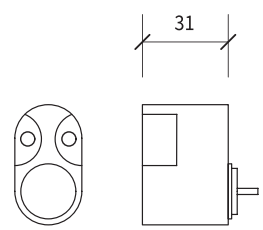
Rim mortice cylinder (screw in)



Rim cylinder



Scandinavian external



Scandinavian internal

NOTE: Dimensions are +/- 0.5mm

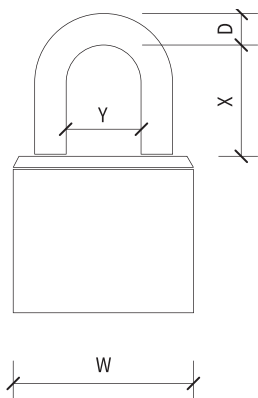


MILOS

Masterkeyed Integrated Locking Systems



Padlocks						
Product Code	Description	W	X	D	Y	Features
683.P50.BL	Standard - Open shackle5	42	69		20	Key locking, hardened steel lock body with Molybdenum steel shackle.
685.P50.BL	Standard - Extended shackle5	47	59		20	
683.P73.BL	CEN 4 Silver Rated - Open shackle6	12	71	13	1	Key retaining, hardened solid lock body with Molybdenum steel shackle.
684.P73.BL	CEN 4 Silver Rated - Closed shackle6	12	71	12	3	
683.P74.BL	CEN 5 Gold Rated - Open shackle7	02	71	42	9	Key retaining, hardened solid lock body with Molybdenum steel shackle.
684.P74.BL	CEN 5 Gold Rated - Closed shackle7	02	71	42	5	











PADLOCKS

We also have a range of cylinder controlled padlocks which can be supplied keyed to differ or can be included as part of your masterkey system. Cylinders can be replaced within the padlock to maintain security if keys are lost or stolen.

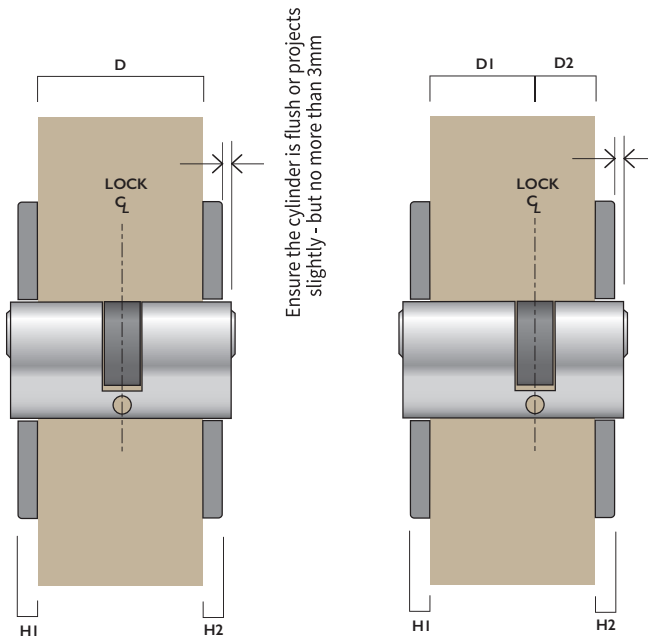
STANDARD EN 1303

EN 1303 CLASSIFICATIONS

EN 1303 is the European Standard which establishes assessment and test criteria for each cylinder to quantify its application and security. It classifies cylinders using an 8 digit coding system. Features assessed include durability, fire resistance, key related security and attack resistance.

	Criteria	Grades Available	KINETICA+ K4	MILOS 600 3*	MILOS 600	MILOS 100
Category of Use	 Linked to the frequency of use. 1 Grade only is identified	Grade 1 shall resist a torque of 2,5Nm and still be usable	I	I	I	I
Durability	 Durability testing according to test cycles achieved. 3 Grades are identified	Grade 4 - 25,000 cycles Grade 5 - 50,000 cycles Grade 6 - 100,000 cycles	6	6	6	6
Door Mass & Closing Force	 No Requirement	N/A	0	0	0	0
Fire Resistance	 Suitable for use on fire/smoke doors according to fire testing to BS EN 1634-1	Grade 0 - not approved for fire doors Grade 1 - suitable for use on fire doors	I	I	I	D
Safety	 No requirement	N/A	0	0	0	0
Corrosion	 Corrosion and temperature resistance testing to BS EN 1670	Grades 0 to C where C offers the greatest corrosion resistance within -20°C to +80°C	C	C	C	C
Key Related Security	 Measures key related security	Grades 1 to 6 where grade 6 offers the greatest security	6	6	6	6
Attack Resistance	 Measures attack resistance	Grade 0, 1 or 2, where Grade 2 offers the greatest attack resistance <small>* When used in conjunction with a suitable security escutcheon</small>	D	D	B/C*	B/D*

CYLINDER LENGTHS



Selecting the correct length of cylinder is important to:

- Limit the amount of cylinder projecting from the face of the door to no more than 3mm, any more can make it susceptible to attack
- Avoid the risk of hitting the cylinder with the hand when using lever handles
- Do not use power tools to tighten screw

To establish the correct length of cylinder you must consider:

- The door thickness (D)
- The hardware thickness on each side (H1/H2)
- The lock mounting position
 - on door centreline or
 - off centre (e.g. on over-rebated doors)

MAINTENANCE

To ensure the longevity, quality and performance it is important that the cylinder is regularly maintained. We recommend the cylinder be lubricated every six months (more if in constant use) with a Teflon based lubricant spray.

We do not recommend the use of graphite in any of our products.

CALCULATION

From the centreline of the lock case, take the cumulative dimension of the door thickness and hardware for each side of the door (unless a single cylinder is to be used). Select the nearest cylinder dimension which matches each side.

e.g. A 44mm door with the lock fitted centrally in the door thickness, with 5mm hardware will require a 30/30 cylinder

MASTERKEYING

This is the general term used to identify any system of cylinders which establishes a hierarchy of access, where certain keys will operate more than one cylinder.

PERSONALISED KEY BLANKS

We also offer personalised key blanks with the MILOS 600 range. There is a minimum commitment of 500 blanks which need to be used over a 12 month period. Please contact us for more information.

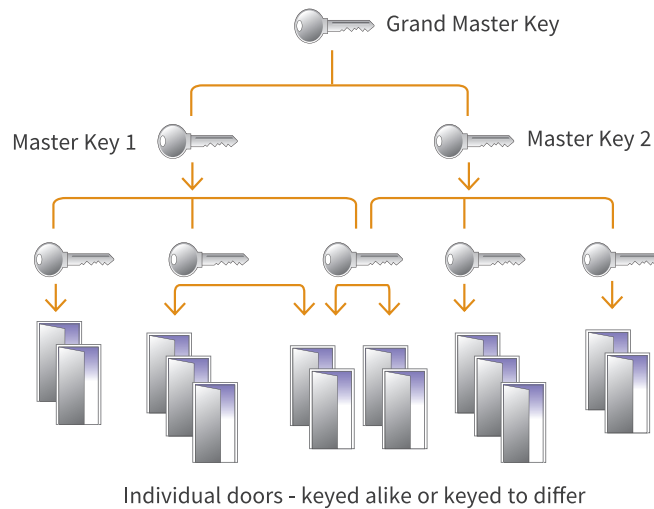
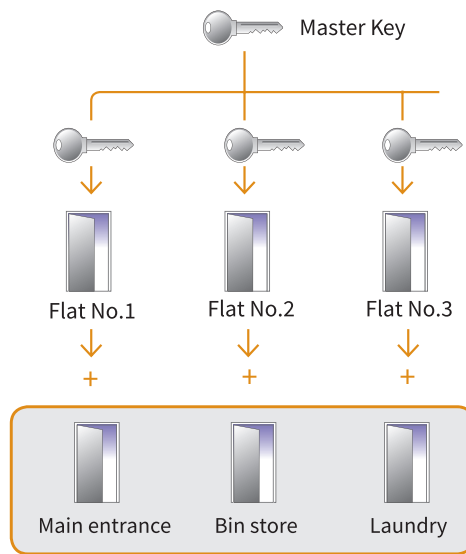


Bio Key as option

GRAND MASTERKEYING

In many larger buildings or groups of buildings such as a university or a hospital, it would be totally impractical to provide a different key for each and every door. Even within a single department the head of the department could become the holder of hundreds of keys.

Masterkeying allows an organisation to control who has access to which doors through the careful design and organisation of the key profiles and pin arrangement of the cylinders within the system. A hierarchy of keys can be developed which allows access to individual doors, groups of doors, all the doors on one floor, or ultimately all the doors within a building or campus



Example 1

A simple masterkeyed system is ideal for a block of apartments in which each occupant is issued with a single key to pass their own apartment door plus all the communal doors such as the main entrance door, bin store, garage and laundry. The master key is held by the building manager/superintendent.

Example 2

More complex applications where different groups of individuals require access to more specific groups of doors. Cylinder systems capable of such complexity can be set up with zones controlled by sub masterkeys with levels above them of master keys and grand masterkeys.

FEATURES & FUNCTIONS



PHYSICAL SECURITY

The physical security aspect of a cylinder system can be measured using the European standard for cylinder EN1303:2015. Additional features can also be added to further enhance the physical security of the cylinders TS007 3 Star Standard. This standard was designed and developed to combat the particular threat of cylinder snapping and bumping to gain forced entry.



SUITING COMPLEXITY

The complexity of a master key suite is determined by how many keys are required to enter a particular number of cylinders, the more keys operating a cylinder the more complex the suite design needs to be. A complex suite does have its draw backs as well as its advantages. Locking Systems has designed some of the most complex suites in use and has years of experience so is very capable and willing to offer any support required in the design of your suiting requirements.



BUMP RESISTANCE

Bump-resistant, also known as anti-bump, refers to a lock's ability to withstand a technique called 'bumping.' This technique involves using a custom bump key tailored to match the specific door cylinder profile. These specially crafted keys are created by individuals with malicious intent to facilitate unlawful entry and are not commonly employed by reputable locksmiths



KEY DUPLICATION

Depending on the needs of the building and its users, a decision has to be made between convenience of having duplicate keys cut locally with no control, or having more control on the supply of duplicate keys. The security of any key system can quickly and easily be compromised if there is no control on who can supply duplicate keys.



CLASSROOM FUNCTION

The physical security aspect of a cylinder Ideal for situations where an occupied room is left unattended without supervision. The room can be locked from outside to prevent unauthorised entry while having peace of mind that the door can always be opened from the inside. The cylinder however, can never lock the door from the inside, making the function ideal for classroom applications.

ANTI-BARRICADE FUNCTION

Some circumstances require a room to be lockable from inside but always allow access from the outside. The anti-barricade function isolates the internal turn from the external key function making both mechanisms independent of each other. The function always allows the key to unlock the door from the outside even if the internal thumb turn is being held in the locked position from the inside. This function is ideal for secure and psychiatric institutions, care homes and other secure facilities.



1, 2, 3 CYLINDER FUNCTION

Depending on the needs of the building Ideally suited where there is a steady turnover of key holders. This function enables the key holder to be changed without the need to change the cylinder. If a user issued with key 1 fails to return all key 1 keys, there is an obvious security risk. However once key number 2 is rotated 360 degrees in the cylinder; this then makes key 1 invalid. Key 3 will invalidate key 1 and key 2.



CONSTRUCTION KEYING

It is normal practice during the construction process of a building to allow ownership of the keys to be given to contractors so they have unlimited access. The security of the building can be compromised if a key is inadvertently lost, stolen or not returned by a contractor. With construction keying, a special pin is incorporated during the cylinder assembly which allows a single "construction key" to be issued to the contractor to allow them full access during the construction process. All remaining keys are retained until the building is handed over to the client, at which point the client should insert and rotate the building master key into all cylinders, this will then render the construction key inoperable thereby ensuring the security of the building.



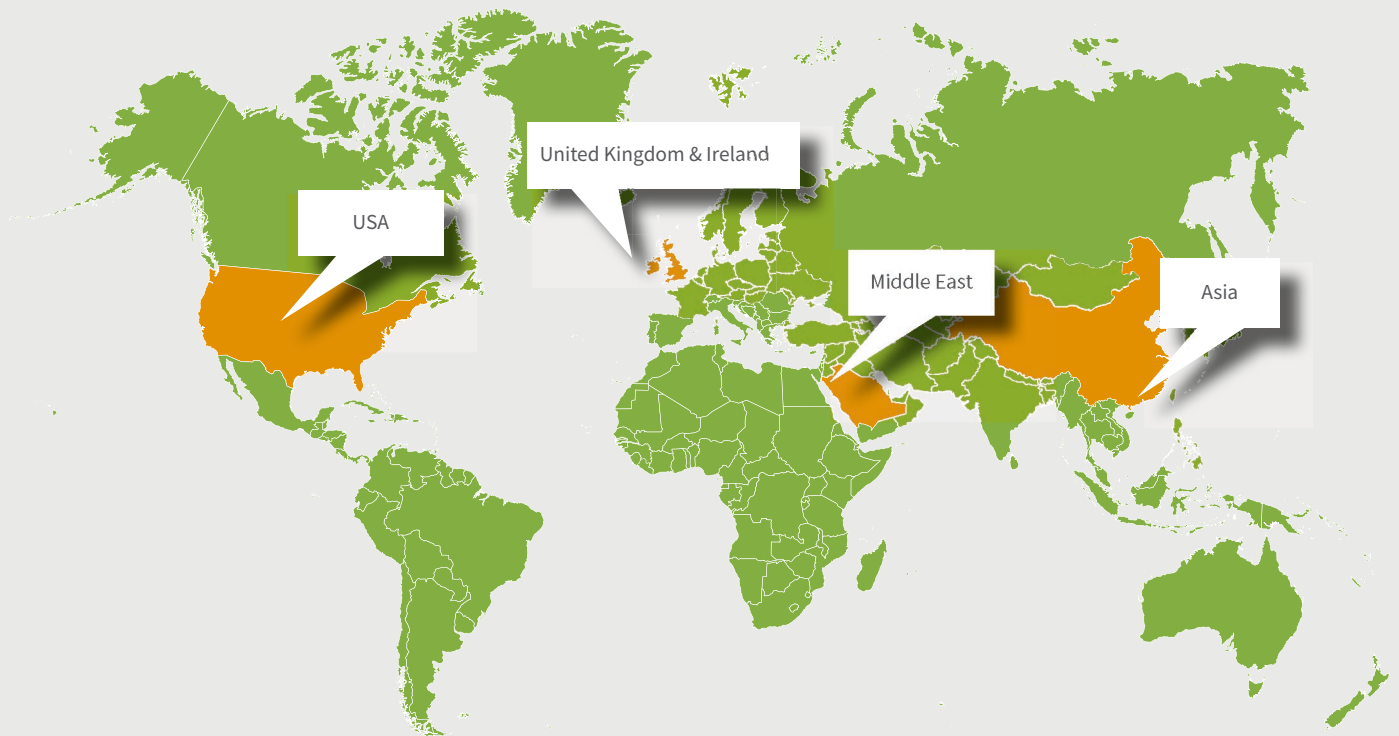
CYLINDER TYPES

A building can use a combination of different cylinders dependent on the type of locks installed, the most popular being European profile. We offer a range of other cylinder types which can be incorporated within the same masterkey suite if required.

KEY OVERRIDE

Some situations lead themselves to keys being left inserted on the inside of a double cylinder. Standard cylinders will not allow another key to operate from the outside. However, cylinders supplied with Key Override functionality allow the cylinder to be operable from both sides even when a key is inserted on the other side of the door, making the function ideal for nursing homes.

We've got you covered wherever you are



Unlocking Security, One System at a Time

With a track record of successful projects spanning the UK and Ireland, the Middle East, and Asia, our commitment to security knows no bounds. Whether safeguarding homes, businesses, or critical infrastructure, Locking System's solutions provide peace of mind to clients worldwide, ensuring that your safety is their top priority wherever you are.





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Our dedicated Locking Systems sales team, with a combined experience of over 200 years, is not only highly knowledgeable but also genuinely enthusiastic about providing expert advice on locking solutions.



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