## The company



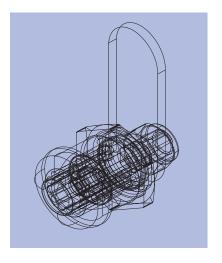
Camlock is one of the worlds leading designers manufacturers and suppliers of industrial locks and locking systems, with a pedigree stretching back to 1918. During this time we have gained a reputation for superb products, technical expertise and a high quality of service across a range of business sectors.

Products from Camlock Systems are routinely specified throughout the world for the protection of goods, cash, sensitive information and valuable assets. These products help thousands of businesses and other institutions in their battle against crime.

## **Products of a high quality...**

You can choose from a remarkably comprehensive range of products, which reflects the latest advances in locking system technology.

Should your needs require a bespoke solution, Camlock Systems offers a first-class service in custom lock design, by qualified design technicians. An international network of manufacturing facilities provides the flexibility and capability to supply complete custom-made systems, manufactured to exacting specifications, to customers almost anywhere in the world.



The company's research and development facility is run by highly experienced specialist staff with a thorough understanding of security problems. This team is dedicated to keeping the company in the forefront of the latest developments.

The assurance Camlock Systems offers you is that when you specify its products, you can be confident that these have been designed and manufactured for optimum performance.





## **Choosing a lock**

Before selecting a lock it is advisable to have considered four main aspects.

## 1) Security level required

It is important to assess risk. For instance, in industrial applications, very often a lock or latch has only to be tamper proof, so it is unnecessary to choose the most complex device; it is likely that price, ease of fitting and simplicity of use are more important than outright security.

Conversely, you may wish to protect high value items or cash in an unsupervised location, so a lock able to withstand a sustained assault would be more appropriate, causing a criminal to take a long time to attempt entry and be in greater danger of being caught in the act. Be prepared to face facts: good security costs money.

## 2) Mechanical security and vandal resistance

Some locks are required to be fitted to a product that will be attack tested for accreditation to a certain standard, information that needs to be passed to us at the beginning of an enquiry. Very often, the way in which a lock is fitted can be of as much help in preventing forced entry as the inherent strength of the lock itself. Correct installation is essential to reinforce the lock's own integral strength.

When physical assault is expected, special care is needed to disperse much of the loading into the mountings and away from the lock itself. For example a 'screw type' lock or handle may well be stronger than the equivalent cam type in certain applications. Additional accessories such as protective collars, reinforcement sleeves and backing nuts are available to substantially increase the operational strength of the lock.

## 3) Types and dimensions

The type of lock required is invariably affected by the type of closure (hinged door, sliding door, lid, etc) the space available and the loads expected to be imposed on it. In industrial applications, the most commonly used are cam locks where the key rotates a cam or pawl, to engage behind a keep or door frame, or T-handle assemblies for securing larger, heavier doors, perhaps involving air-tight seals or multi-point locking.

'Screw' or stud type locks or handles save space because they provide a very tight and secure fit and do not require space for the swing of a cam. Other options include switchlocks, pushlocks, padlocks, and specially designed products for certain types of business or application.

Key rotation and withdrawal are also a consideration here, particularly when dealing with cam locks. Many have the option of 90° or 180° rotation, left or right, and a choice of whether or not the key may be removed in its open position.



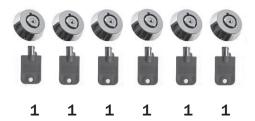


# **Choosing a lock, continued**

## 4) Key configuration

Basically, there are four options available:

## Keyed alike



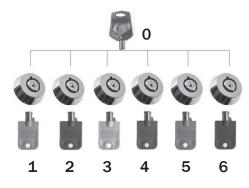
All locks in a set or 'suite' have the same key code, ie. any key fits any lock. This is convenient where a large number of locks are to be used by the same people but can be a problem in the event of loss or theft of a key, possibly giving unauthorised access to all locks within the set. This shortcoming may be avoided by specifying reprogrammable locks that allow the combination to be changed in situ to restore maximum security within seconds.

## Keyed to differ



All locks have different key combinations, ie. a key from one lock will not fit any other lock in the same group. Note: there is usually a limit to the total number of differs available for a particular lock group. Lower cost locks with fewer combinations available may be supplied with duplicated key numbers and not be truly keyed to differ.

### Master keyed



As used in hotels where one 'master' key can open all the locks in a suite, which are themselves made to different key combinations.

## Reprogrammable



Changeable combination locks, also known as Camatic, Multi-code, U-Change or Varicode locks.

A lock design offering several independent and interchangeable key combinations and two types of key, an 'Operating' type to open the lock and a 'Change' key for reprogramming. By inserting the Change key, the key code of the lock can be altered quickly and easily. This avoids the need to replace many 'keyed alike' locks if a key is lost or stolen or the lock code is compromised. Often used where a high turnover of staff is an issue.





## Cams

The cam is the metal plate, sometimes called a pawl, attached to the 'tail' of a cam lock and which is the actual locking member. Many types are available, either as standard items for general use or as specials, designed for particular applications. In their simplest form, with the lock fitted to a door, they turn behind the doorframe or jamb and are locked in position by the removal of the key, holding the door shut.

#### Flat cams

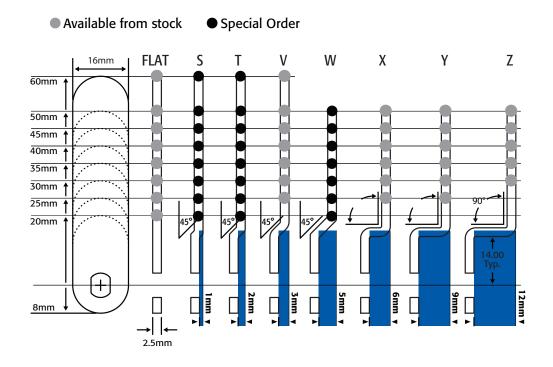
Flat cams are the most commonly used and are fitted when the body length of the lock, as supplied, is ideal for the intended application. The only decision to be made is to calculate the optimum length of cam required to secure the cabinet, which is measured from the centre of the fixing hole to the tip of the cam.

#### **Cranked cams**

Cranked cams are generally 'swan necked' in shape. These are used to increase or decrease the 'effective' length of the lock, where it is not possible to achieve secure locking using a flat cam. Cranked cams can provide many permutations of effective length of locks from 0 to 42mm, depending on lock type. Single formed (L-shaped) and non-standard lengths / offsets are available to special order, subject to a minimum order quantity.

## **Ordering standard cams**

The illustration below shows the standard range available from stock.







## **Cams, continued**

To order flat cams, simply specify the effective length in mm.

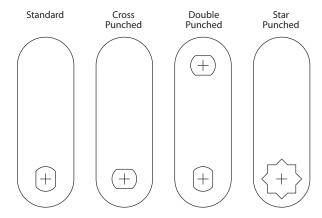
Where cranked cams are required, please specify the effective length in mm followed by the letter that is applicable to the crank (see diagram overleaf).

For example: 50Z = 50mm effective cam length x 12mm crank.

For sizes not illustrated, please specify the dimensions required in mm.

## **Cross-punched/Double-punched cams**

These are cams that may be fitted at positions other than the 12 o'clock/6 o'clock dictated by the standard 'vertical' hole shape and orientation used for radial pin tumbler camlocks. A cross-punched cam has a single 'horizontal' fixing hole and may be fitted at the 3 or 9 o'clock positions. Double-punched cams are supplied with both standard and cross-punched piercings, to allow fitting at all four 'quarter hour' positions. Generally speaking, double punched cams are only supplied in flat format, whereas cross-punched variants may be cranked or flat.



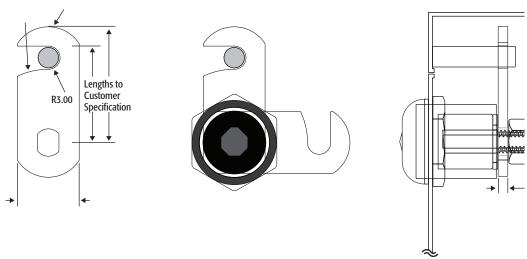




# **Cams, continued**

### **Hooked/Notched cams**

Cams with hooks or notches incorporated are used for closures such as lids, where the hook engages with a peg or rod, to prevent the lid being lifted. These cams may be either flat or cranked and, in the case of radial pin tumbler locks, standard or cross-punched. Critical dimensions are those from the centre of the mounting hole to the hook and also to the tip of the cam, to ensure that the hook is strong enough but not positioned so as to impede rotation.



## **Special cams**

Many special purpose cams are available, either specific to particular customers or designed to work in particular applications or equipment and offered to all. A good example of this is our range of cams for vending machines. Developed and evolved over many years in cooperation with our many customers in the industry, whose help has been invaluable, we now offer a huge range of bespoke cams for most of the vending machines in use today.

## **Cam adaptors**

Cam adaptors are used where we supply a lock to replace that fitted by an OEM but where the cam is an integral part of the locking mechanism fitted to the equipment and may not easily replaced by one of our own, or where the quantity required will be insufficient to allow economical production. Should the original cam have a fixing hole incompatible with the lock we supply, an adaptor can be supplied to take up the difference in shape.





# **Key operations**

## Key operation no: 1

#### Key operation no: 2



Key starting position: 12 o'clock

Key rotation: 90°

Key ending position: 3 o'clock Key when unlocked: Trapped



Key starting position: 12 o'clock

Key rotation: 90°

Key ending position: 9 o'clock Key when unlocked: Trapped

#### Key operation no: 3

### Key operation no: 4



Key starting position: 12 o'clock

Key rotation: 90°

Key ending position 3 o'clock Key when unlocked: Free



Key starting position: 12 o'clock

Key rotation: 90°

Key ending position 9 o'clock Key when unlocked: Free

#### Key operation no: 5

#### Key operation no: 6



Key starting position: 12 o'clock

Key rotation: 180°

Key ending position: 6 o'clock Key when unlocked: Free



Key starting position: 12 o'clock

Key rotation: 180°

Key ending position: 6 o'clock Key when unlocked: Trapped

## Key operation no: 7\*

#### Key operation no: 9



Key starting position: 12 o'clock Key rotation: 90° Key ending position: Momentary contact Key when unlocked:

Trapped auto spring back



Key starting position: 12 o'clock

Key rotation: 360°

Key ending position: 12 o'clock Key when unlocked: Up to four

positions free

Other key operations are available to special order.







<sup>\*</sup> Available only on switchlocks.

## **Fitting**

## **Body nut / mounting nut**

The lock should be positioned in the application, together with any mounting washer, protective collar or spacer, and the body nut screwed on, making sure the nut turns freely and is not cross-threaded. The body nut should be tightened until the lock is held securely.



### Tail nut

Take care not to over-tighten the tail nut or screw, as excessive tightening may lead to stiff lock movement or even to the lock seizing. For most of the tail nuts and screws that we supply, we recommend these are screwed until tight and then turned one tenth of a turn further. Where a low torque wrench is available, a tightening force of between 2Nm and 3Nm is recommended. If you are fitting your own tail nut or assembly, a torque tightening force outside this range may be appropriate.

Any locking mechanism fitted to the tail-piece of the lock should move freely and should not impart a force onto the lock. For example, do not use a spring return mechanism, unless you talk to us first.



#### Lubrication

Silicone based or aerosol penetrating lubricants may be used sparingly. Do not lubricate the lock with heavy oil, as this will trap any dirt or dust that may enter the lock, causing excessive wear.

## Keys

Avoid keys becoming damaged as this may both prevent the lock operating correctly and damage the lock mechanism. Should the key be reluctant to turn in the lock, do not apply excessive force to the key bow, eg. by using tools to attempt to turn the lock. Investigate the problem and if you are unable to identify the cause, contact us by one of the channels shown below.

#### **Further assistance**

Should you experience difficulties with installing a lock, our contact details are shown below.







Cam locks: Series 35

# High security, 7 locking elements, hardened steel body & centre pin, cam lock — Series 35



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER

For an explanation of the above terms, please see pages 9 and 10.

## Dimensions overleaf >>

The Series 35 camlock has an all-new mechanism based on a revolutionary and unique asymmetrical warded keyway that prevents the entry and/or operation of an incorrect key. Seven stainless steel locking elements fasten the central core to the outer body. Double protection from drilling is provided by a hardened steel anti-drill centre post and a second hardened roller inside the lock, which spins freely when a drill bit comes into contact with it.

The Series 35 has no 'shear line', with its associated susceptibility to picking and bumping. The internal components are machined from brass for excellent durability and reliability. The black nickel plated finish will enhance the appearance of any application.

Initially, the new range comprises three body lengths in the conventional 19mm x 16mm 'double D' profile.

Over 750,000 different key combinations are available, allowing an exclusive key combination to be allocated to the user or purchaser. This combination can be registered online to ensure that only authorised personnel can obtain extra keys.

Patents have been applied for internationally to protect the integrity and the cutting edge design of the lock and key.

Typical applications include amusement machines, gaming machines, snooker/pool tables, kiddie rides, juke boxes, cabinets, mail boxes, drugs & medicines cabinets, deed boxes, cash boxes, parking ticket machines, note & coin acceptors/validators, self service kiosks, chemical storage cabinets and key exchange boxes.

Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2 and 6. See page 14.





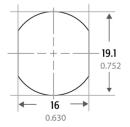
Cam locks: Series 35

# High security, 7 locking elements, hardened steel body and centre pin, cam lock - Series 35

0.000"

22.00
0.866"
A
7.45
L
0.293"
X

	A		L		X	
<b>1</b> 8mm	<b>18</b> mm	0.709"	<b>1</b> 0.5mm	0.413"	28mm	1.102"
25mm	25mm	0.984"	<b>1</b> 7.5mm	0.689"	35mm	1.378"
30mm	30mm	1.181"	22.5mm	0.885"	40mm	1.574"



Suggested hole dimensions.

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks:** radial pin tumbler: fixed combination

## Attack resistant, secure, 7 pin cam lock — V Series



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

V Series lock bodies are machined from brass and the core head is stainless steel, to provide corrosion resistance. The tumblers and springs in these locks are made from stainless steel, as are the metal parts of the key. In addition, the unusual design of the key helps to prevent unauthorised duplication. Design registration and patent protection have been granted for this lock.

Available in 18mm and 25mm body lengths. Supplied with a body nut and a Nyloc type tail nut. Keyed to differ locks are supplied with two keys per lock. We strongly recommend the use of a Protective Collar with this product; two types are available, hardened steel with a chrome plated finish, suitable for indoor use (Product Code Number PC1) or stainless steel, suitable for ourdoor use, (PC1S).

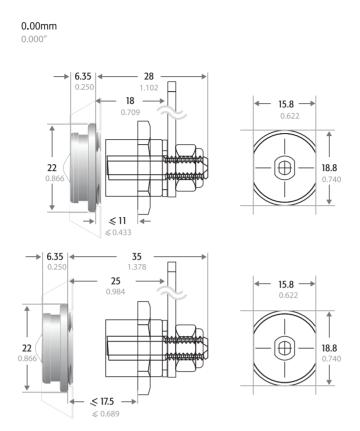
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4 and 6. See page 14.

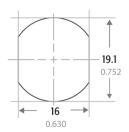




**Cam locks:** radial pin tumbler: fixed combination

# Attack resistant, secure, 7 pin cam lock — V Series





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: fixed combination

## Extra security, 10 pin, hardened steel cam lock — Series T8



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

Each Series T8 lock is designed and built to provide resistance to concerted attacks of all kinds. This lock's features include a 10 pin version of the acclaimed and patented Octagon mechanism, over five million different key combinations, drill resistant hardened steel body and centre, special head profile and doubly secure retention of the internal components to resist drive-through attacks. All known methods of attack are protected against, from picking and manipulation through physical assault to unauthorised issue of keys for keyed alike suites.

Available in 18mm, 25mm and 30mm body lengths. Aesthetics have not been overlooked, the T8 being finished in stunning, polished black nickel plate. Supplied with a body nut and Nyloc type tail nut. Keyed to differ locks are supplied with two keys per lock, as standard. The master keyed version is available only to special order.

Key movement 9 is available to special order. Other key operations to those shown are also available to special order.

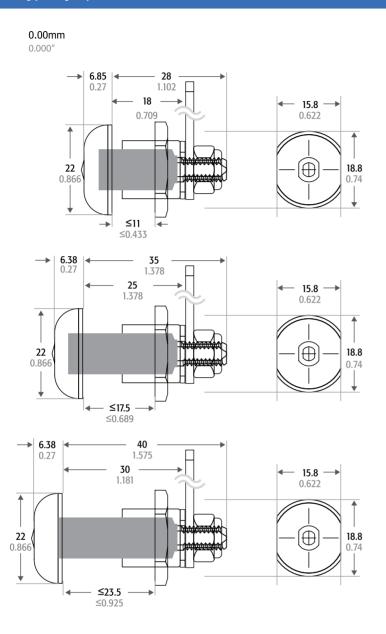
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2,6 and 9. See page 14.

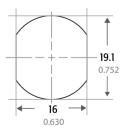




Cam locks: radial pin tumbler: fixed combination

# Extra security, 10 pin, hardened steel cam lock — Series T8





## Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks:** radial pin tumbler: fixed combination

## 10 pin, solid brass cam lock — Series T



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

When increased security is required at a competitive price, the Series T cam lock is an excellent choice. Constructed entirely of brass, the 10 pin mechanism provides excellent resistance to picking and manipulation and offers over five million different key combinations; a far greater number than a 7 pin equivalent. The outer body is chrome plated for high durability. An anti-grip radiused head and drill proof centre provide added security. Available in 18mm, 25mm and 30mm body lengths. Key registration is available for keyed alike suites, to offer you optimum key control. The Series T is compatible with Sidlock DG Series locks.

Supplied with a body nut and Nyloc type tail nut. Keyed to differ locks are supplied with two keys per lock, as standard.

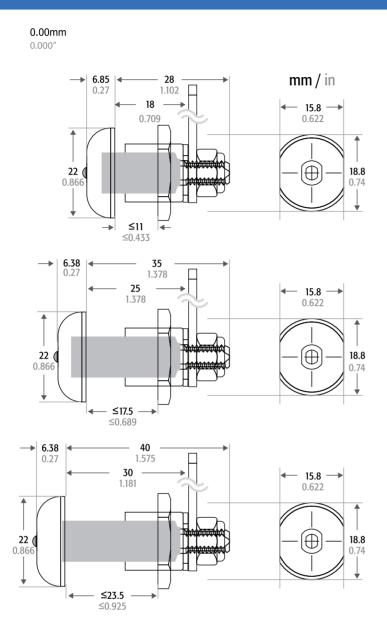
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

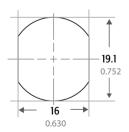




**Cam locks:** radial pin tumbler: fixed combination

# 10 pin, solid brass cam lock — Series T





## Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: fixed combination

## Extra security, 7 pin, solid brass cam lock — Series 28



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The combination of good security, excellent key control and a very high build quality is what makes the Series 28 one of Camlock's top-selling ranges. The product's benefits include a 7 pin version of the award winning and patented 'Octagon' mechanism, over 500,000 different key combinations, all brass construction, high durability from the chrome plated outer body and an anti-drill centre to provide added security. Available in body lengths of 13mm, 18mm, 25mm and 30mm. Key registration is available for keyed alike suites, to offer you optimum key control.

Supplied with a body nut, a Nyloc type tail nut (we can supply a half Nyloc type on the 13mm body length version) and two keys per lock with distinctive blue plastic key covers.

Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

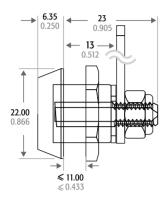


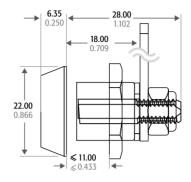


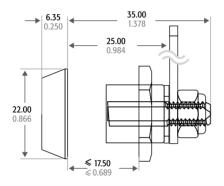
**Cam locks: radial pin tumbler: fixed combination** 

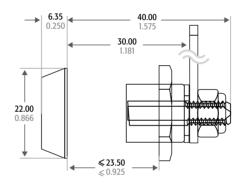
# Extra security, 7 pin, solid brass cam lock — Series 28

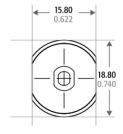


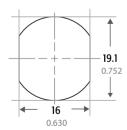












#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: fixed combination: no master key system

## Extra security, 7 pin, die-cast cam lock — Series 28D



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

With the Series 28D, the good security and excellent key control provided by our patented 'Octagon' mechanism is achieved at a very competitive price by using die-cast alloy components. The 7 pin mechanism offers over 500,000 different key combinations and an anti-drill centre to provide added security. Available in 18mm, 25mm and 30mm body lengths, all finished in polished chrome. Key registration is available for keyed alike suites, to offer you optimum key control.

Supplied with a body nut and a Nyloc type tail nut. Keyed to differ locks are supplied with two keys per lock, as standard, with distinctive blue plastic key covers.

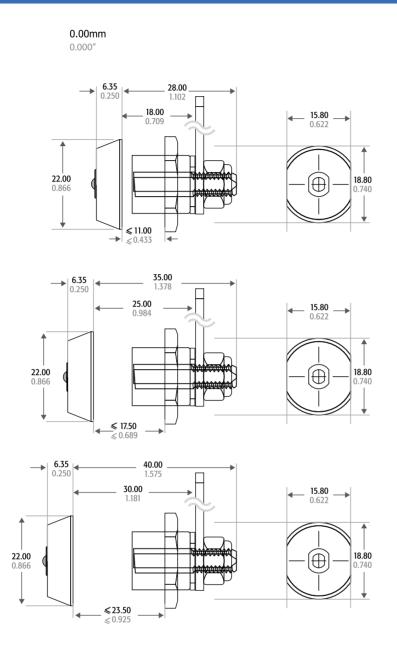
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

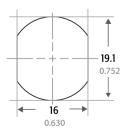




**Cam locks**: radial pin tumbler: fixed combination: no master key system

# Extra security, 7 pin, die-cast cam lock — Series 28D





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks: radial pin tumbler: fixed combination** 

## 7 pin, solid brass cam lock — Series 2



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

For many years the mainstay of the Camlock portfolio, this range of solid brass cam locks offers good quality and reliability from a conventional 7 pin radial pin tumbler product. Produced in 11mm, 13mm, 18mm, 25mm and 30mm body lengths and finished to a particularly high standard, these locks are equally at home in end user or OEM applications, indoors or out. Supplied with a cam, body nut, Nyloc type tail nut and, when keyed to differ, with two keys per lock.

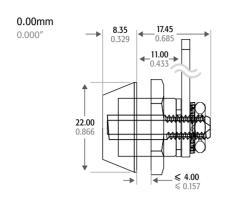
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

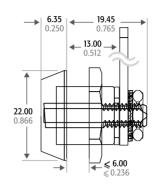


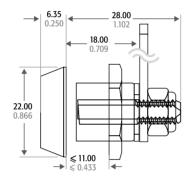


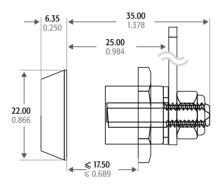
**Cam locks:** radial pin tumbler: fixed combination

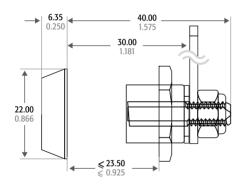
# 7 pin, solid brass cam lock — Series 2

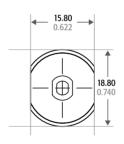


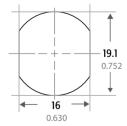












### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Cam locks: radial pin tumbler: fixed combination: no master key system

## 7 pin, die-cast cam lock — Series 2D



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

Through the use of die-casting for the unstressed components, this range of locks is manufactured in high volume and the economies of scale are passed on in lower prices than the solid brass Series 2 version. Extensively used by OEMs in keyed to differ format and offering over half a million key combinations and a wide variety of sizes and keying options, the Series 2D is an ideal way to specify radial pin tumbler security at a very competitive price. Supplied with a cam, body nut, Nyloc type tail nut and, when keyed to differ, two keys per lock.

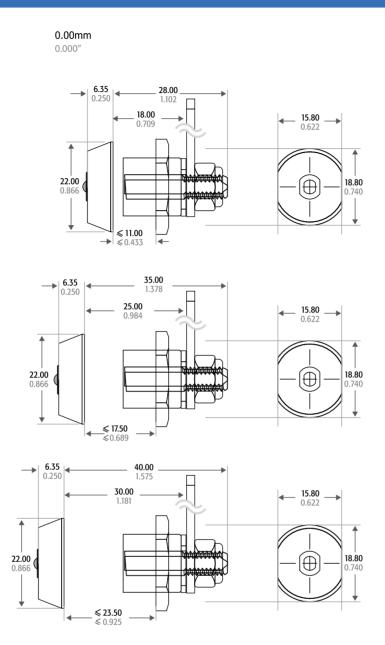
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

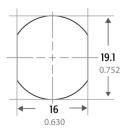




Cam locks: radial pin tumbler: fixed combination: no master key system

# 7 pin, die-cast cam lock — Series 2D





## Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: fixed combination: no master key system

## **Dual control cam lock** — **DC4**



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This high quality, special purpose cam lock can be operated only when the holders of two different keys are in attendance. The double security makes it ideally suited for use in cash collection, to prevent dishonesty, and in restricted access or commercially sensitive situations where two keyholders are required to be present, for example an operator and a supervisor. This cam lock can be retrofitted to most popular gaming machines, kiosks and similar applications.

Available in two body lengths, 25 and 30mm, the lock body and other principal components are machined from solid brass to ensure reliability and precision. Every lock is hand assembled to order. The radial pin tumbler (RPT) mechanism can also be incorporated into other types of special purpose locks, including padlocks.

The possibility of unauthorised duplication of the keys is virtually eliminated, as the keys can be registered with Camlock Systems, which means duplicate keys can be obtained only from Camlock and only by authorized personnel.

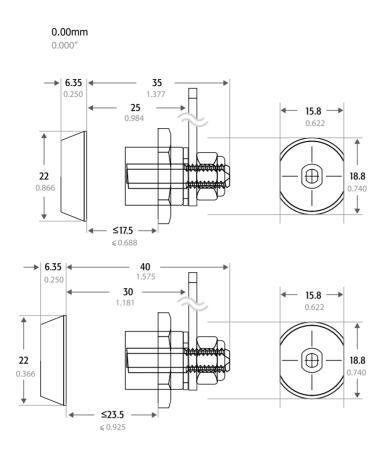
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 3. See page 14.

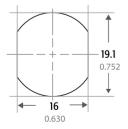




**Cam locks**: radial pin tumbler: fixed combination: no master key system

## **Dual control cam lock** — **DC4**





### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: fixed combination: no master key system

Micro size, 4 pin cam lock — Series 13, Series 13D, Series C520



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

A range of 4 pin radial pin tumbler camlocks offering full functionality but in ultra compact proportions. Available keyed alike and keyed to differ, in three body lengths and two material specifications: 10.5mm in die cast, 13mm and 16mm both in brass. All feature a polished chrome finish. Supplied with a flat cam, two keys and all fixings. The Series 13 and Series 13D have a 19mm flat cam and the Series C520 has a 25mm cam; these measurements are from the centre of the fixing hole to the tip of the cam.

Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2 and 3. See page 14.

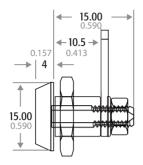




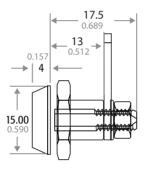
Cam locks: radial pin tumbler: fixed combination: no master key system

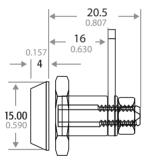
# Micro size, 4 pin cam lock — Series 13, Series 13D, Series C520











# 12 0.472 10.8 →

## **Suggested hole dimensions**

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Cam locks: radial pin tumbler: changeable combination

# Extra security, 12 changeable combinations, 'Camatic' cam lock — Series T48



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

The Series T48 combines several Camlock technologies into one product including a high security 12 pin radial pin tumbler mechanism, the proven Camatic combination change system and the award-winning and patented 'Octagon' design. Its reprogrammable mechanism eliminates the need to replace the lock when key security is breached due to the loss or theft of keys and also offers superb pick resistance. Where frequent or routine combination changes are required, the increased number of combinations available in the 12-change version provides for a longer system life over the 8-change lock, which has become well established over recent years. This makes it ideal for use in route management planning. The key combination may be registered, by the customer providing signatures of personnel authorized to order extra keys. Camlock will then only accept orders for extra keys signed by authorized personnel. The blend of exclusive key combinations, registration and control eliminates as far as possible unauthorized keys being in circulation.

The lock is of all-brass construction, offering excellent durability. Suitable for use in a wide range of applications, the T48 cam lock comes in a choice of three body lengths: 18mm, 25mm and 30mm. Features include combination change indicators on the bezel and positive combination change indexing. Supplied with a body nut and Nyloc type tail nut. The finish is polished chrome.

Operator and Change Keys are sold separately for optimum key control.

Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

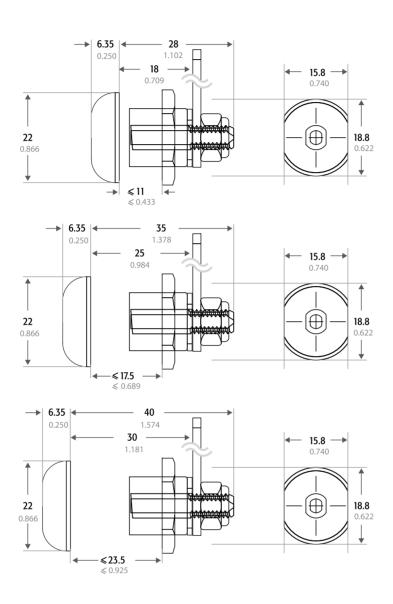


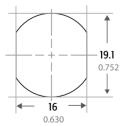


Cam locks: radial pin tumbler: changeable combination

# Extra security, 12 changeable combinations, 'Camatic' cam lock — Series T48

**0.00mm** 0.000"





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: changeable combination

Attack resistant, secure, 8 changeable combinations, 8 pin cam lock — 'V-matic'



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The V-matic Series lock is a reprogrammable version of the V-Series but offering the flexibility of the Camatic system in the event of key loss or theft, which enables the lock's combination to be altered by a simple turn of a Change key. In particular, the lock is highly resistant to drill, pull, punch, twist and picking attacks and is designed to be especially resistant to external attack including liquids such as super glue. The design, construction and materials employed give the lock a high degree of resistance to both physical attack and to the use of unauthorised keys.

The lock has a machined brass body. The core head is steel, heat-treated and black nickel plated, to provide both drill and corrosion resistance. All internal springs and tumblers are made from stainless steel. Available in a choice of two body lengths, 18mm and 25mm.

Design registration and patents have been granted for this lock.

The keys have a 316 grade stainless steel cup, inserted into a plastic bow. Supplied with a body nut and a Nyloc type tail nut. We strongly recommend the use of a Protective Collar, Product Code Number PC1, with this product.

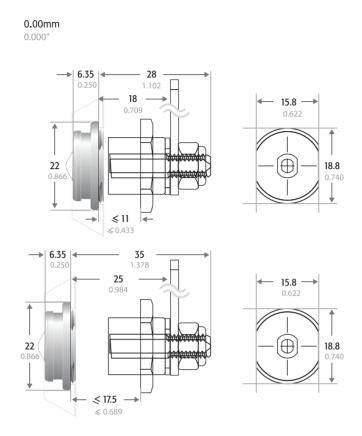
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5 and 9. See page 14.

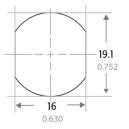




**Cam locks:** radial pin tumbler: changeable combination

# Attack resistant, secure, 8 changeable combinations, 8 pin cam lock — 'V-matic'





### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: radial pin tumbler: changeable combination

# Extra security, 8 changeable combinations, 'Camatic' cam lock — Series 4 MkIV



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The 'Camatic' is Camlock's highly respected and widely used changeable combination system. In the event of the loss or theft of the operating key(s), the lock's combination can be altered by a simple turn of a Change Key. In such situations, the Camatic facility eliminates the need to replace locks. The latest generation of this range of products incorporates a specially developed version of the patented Octagon system to minimize the risk of unauthorized keys being obtained to open the lock, through key registration. For optimum key control, the customer specifies the number of Operator and Change Keys required, avoiding the risk of surplus keys falling into the wrong hands.

The Camatic cam lock is of all-brass construction with a polished chrome finish, giving it excellent durability. The bezel is numbered 1—8 to assist in combination changes. Supplied with a body nut and a Nyloc type tail nut. The Series 4 Mark IV has become a particular favourite with coin-operated machine operators and on retail display cabinets, over many years. This lock may share a key combination with other 8 pin Octagon Camatic products, including those in the System 22 range.

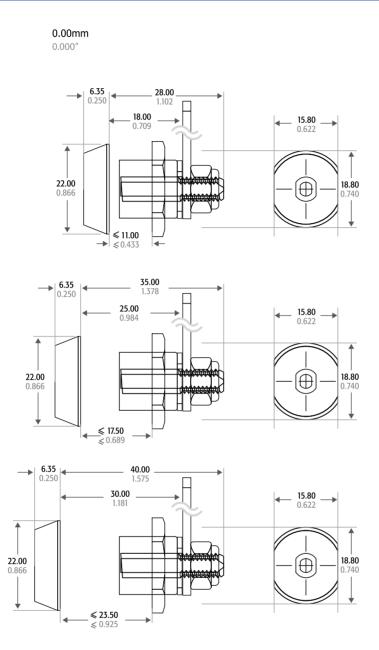
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4, 5, 6 and 9. See page 14.

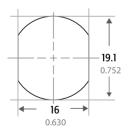




Cam locks: radial pin tumbler: changeable combination

# Extra security, 8 changeable combinations, 'Camatic' cam lock — Series 4 MkIV





### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Cam locks: radial pin tumbler: changeable combination

## Extra security cigarette and other vending machine cam locks — System 6



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

This comprehensive range may be easily retrofitted to most of the cigarette vending machines in use today and is constantly updated.

The locks use our 8 pin 'Camatic' radial pin tumbler mechanism featuring the award winning Octagon system for improved security. In the event of the loss or theft of the operating key(s), the lock's combination can be altered by a simple turn of a Change Key. This eliminates the need to replace locks. System 6 minimizes the risk of unauthorized keys being used to open the lock, through key registration. For optimum key control, the customer can specify the number of Operator and Change Keys required, avoiding the risk of surplus keys falling into the wrong hands.

System 6 locks can share a key combination with other 8 pin Octagon Camatic products, including those in the System 22 range.

Please contact us for information on the available key operations.

Wide range of cams available. See pages 11, 12 and 13.





Cam locks: disc tumbler: fixed combination

# 10 disc, double entry, die-cast cam lock — Series 31



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

This lock provides above average security for lockers, mail boxes, drugs cabinets, deed boxes, chemical storage cabinets, tool cabinets and many other applications. 5,000 key combinations are available; should you require more than 1,000 combinations, these are available by special order. The strong keys are designed to stand up to heavy usage and are easy to insert due to the reversible double-sided design, the use of brass tumblers and through the use of modern techniques in key cutting. There is a choice of two key movements: 1) 90° turn with key free in the locked position only, or 2) 180° turn with key free when locked and unlocked.

The lock incorporates a positive-click index locking/unlocking action. This prevents the locking cam from falling back under its own weight if keys are left in the lock. The Series 31 lock has a body length of 20mm, is available with a choice of fixing methods — a brass body nut or a horseshoe clip, and it fits a standard 19mm x 16mm double 'D' hole piercing.

A very competitive price is achieved by manufacturing the lock from die-cast alloy, making it attractive to OEMs and volume end users. The bright chrome plate finish gives a durable and attractive finish.

Wide range of cams available. See pages 11, 12 and 13.

Available with key operations 1, 2 and 5. See page 14. Also available with a 90° clockwise operation, starting and finishing 45° either side of 12 o'clock, key free in the open position.

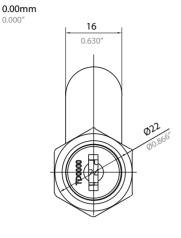


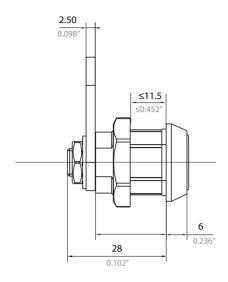


**Cam locks**: disc tumbler: fixed combination

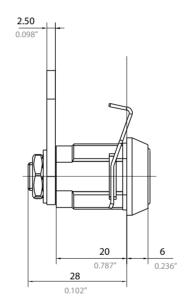
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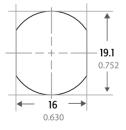
# 10 disc, double entry, die-cast cam lock — Series 31











#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: disc tumbler: fixed combination: no master key system

### 5 disc, die-cast, 'Thrifty' cam lock — Series 9



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A range of economically priced disc tumbler locks widely used in many industries where product quality at a low cost is of greater consideration than high security. The Series 9 range offers a well-finished disc tumbler lock of a high quality, at a very competitive price. The range has 200 different key combinations and delivery is available from stock for popularly used key numbers.

The four, popular body lengths are 11mm, 16mm, 23mm and 30mm. The lock body is manufactured from die-cast alloy and has a stainless steel cap. Five key operations are offered, in addition to either body nut or horseshoe clip fixing. Supplied with two keys per lock, as standard.

Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4 and 5. See page 14.

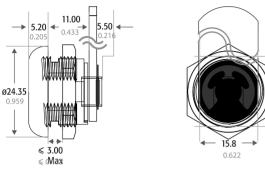


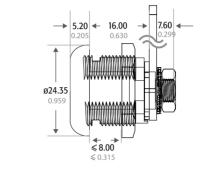


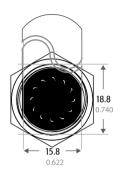
Cam locks: disc tumbler: fixed combination: no master key system

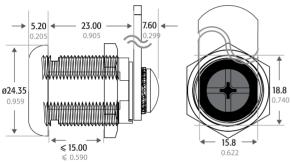
# 5 disc, die-cast, 'Thrifty' cam lock — Series 9

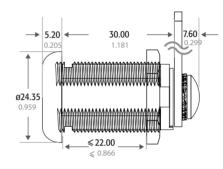


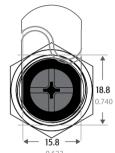














#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Cam locks: disc tumbler: fixed combination: no master key system

### 5 disc, plastic cam lock — Series CP610



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This lock is produced in a tough ABS plastic and uses five brass disc tumblers, making it suitable for washrooms and other damp or humid environments. There are 100 key combinations, making it appropriate for applications requiring lower security. Normally supplied in black plastic, this can be finished in chrome plate, subject to a minimum order quantity. Supplied with a body nut as standard but a speed clip fixing is also available.

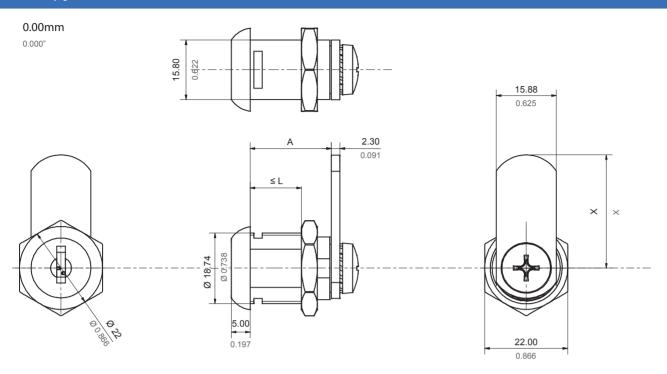
Wide range of cams available. See pages 11, 12 and 13. Available with key operations 1, 2, 3, 4 and 5. See page 14.



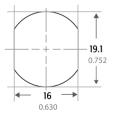


Cam locks: disc tumbler: fixed combination: no master key system

# 5 disc, plastic cam lock — Series CP610



	Α		L	
CP610S	16mm	0.630"	8mm	0.315"
CP610M	21.5mm	0.846"	13.6mm	0.535"
CP610L	27.8mm	1.094"	20.8mm	0.819"



#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Cam locks**: disc tumbler: fixed combination: no master key system

Micro size, 5 disc, 8mm, die-cast cam lock — Series 21



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A micro size cam lock with a 5 disc tumbler mechanism that delivers surprising versatility in a small package. The die-cast alloy body and core allow the lock to be offered at a very competitive price, while the polished chrome finish will look good on any application. The Series 21 is ideally suited to low security applications, indoors or out. These locks are available keyed alike, supplied with two keys per lock, or keyed to differ with 200 key combinations. The double entry keyway means that the key can be reversed for convenience. Four way cam positioning is possible. Supplied with a body nut and fitted with a choice of a 20mm or 30mm cam.

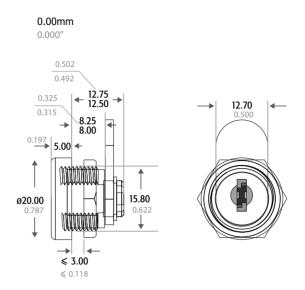
Available with key operations 1, 2, 3, 4 and 5. See page 14.

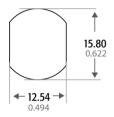




Cam locks: disc tumbler: fixed combination: no master key system

# Micro size, 5 disc, 8mm, die-cast cam lock — Series 21





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Cam locks: disc tumbler: fixed combination: no master key system

### Miniature size 4 disc, die-cast cam lock — C1091



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A miniature size 4 disc tumbler lock in die-cast zinc alloy for use in applications where space is at a premium. Available keyed alike or keyed to differ, offering up to 15 different key combinations and a very low profile bezel. The 15.9mm body has a bright chrome plated finish. A limited range of screw fixing cams is available. Supplied with a body nut and two keys per lock.

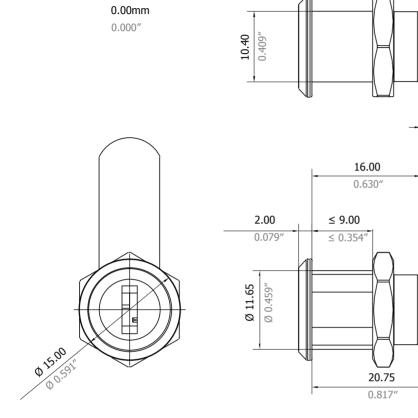
Available with key operations 1 and 3. See page 14.

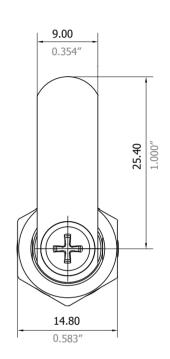


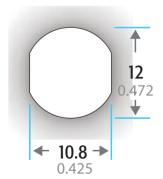


Cam locks: disc tumbler: fixed combination: no master key system

# Miniature size 4 disc, die-cast cam lock — C1091







#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.

**2.00** 0.079"





Cam locks: disc tumbler: fixed combination: no master key system

Micro size, 3 disc, 8mm, fast fit cam lock — C600



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A 3 disc cam lock produced for use in space-critical applications requiring a speed clip fixing and low security. The body is die-cast zinc alloy, just 8.3mm long and has a bright chrome plated finish. May be supplied keyed alike or keyed to differ, offering 12 different key combinations. Cams are riveted and are therefore not changeable in the field.

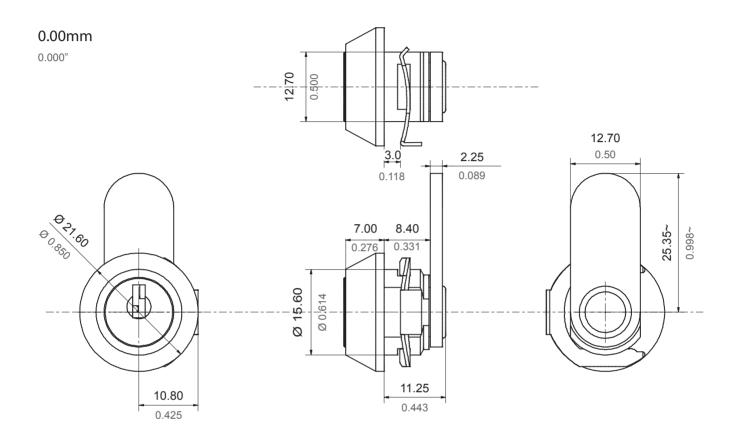
Available with key operations 1 and 3. See page 14.

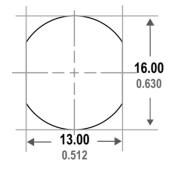




**Cam locks**: disc tumbler: fixed combination: no master key system

# Micro size, 3 disc, 8mm, fast fit cam lock — C600





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks: radial pin tumbler: fixed combination** 

# Single pole, 10 pin, solid brass switchlock — Series ST



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- SOLDER TERMINAL OPTION
- SPADE TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The enhanced security features of a 10 pin radial pin tumbler mechanism providing over five million different key combinations are available in Camlock's all-brass, well proven format. The key combination can be supplied compatible with the Sidlock DG Series and other 10 pin locks already in use.

The Series ST switchlock is available in three types of operation: NO, NO/NC or momentary contact. The NO (normally open) type turns 90° to close the contacts and allow the current to flow. The NO/NC (normally open/normally closed) type is double broached, allowing the key to be removed in two positions, one normally open, the other normally closed. The third type has the key trapped and is spring loaded to provide momentary closing of the contacts.

Solder and 6.35mm (1/4") spade terminal types are offered. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current.

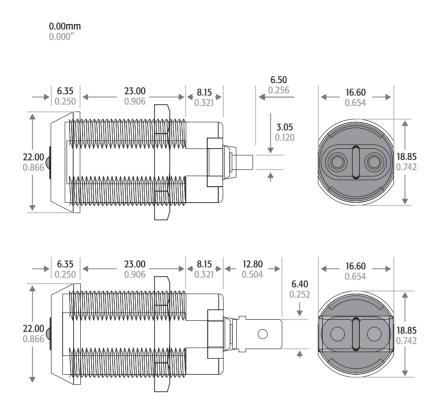
The outer body is chrome plated for high durability and an anti-grip radiused head and anti-drill centre are incorporated for added security. Key registration is available for keyed alike suites, to offer optimum key control to users. Supplied with a body nut and, for keyed to differ locks, with two keys per lock.

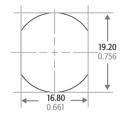
Available with key operations 1, 3 and 7. See page 14.





# Single pole, 10 pin, solid brass switchlock — Series ST





#### **Suggested hole dimensions**

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks: radial pin tumbler: fixed combination** 

Single pole, extra security, 7 pin, solid brass switchlock — Series S28



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- SOLDER TERMINAL OPTION
- SPADE TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A switchlock offering the advantages of Camlock's all brass 7 pin Octagon radial pin tumbler mechanism, including over half a million different key combinations. This switchlock is suitable for applications where simple key controlled switching is required, with the added advantage of being able to form part of a wider keyed alike system using other 7 pin Octagon radial pin tumbler items.

The Series S28 switchlock is available in three types of operation: NO, NO/NC or momentary contact. The NO (normally open) type turns 90° to close the contacts and allow the current to flow. The NO/NC (normally open/normally closed) type is double broached, allowing the key to be removed in two positions, one normally open, the other normally closed. The third type has the key trapped and is spring loaded to provide momentary closing of the contacts.

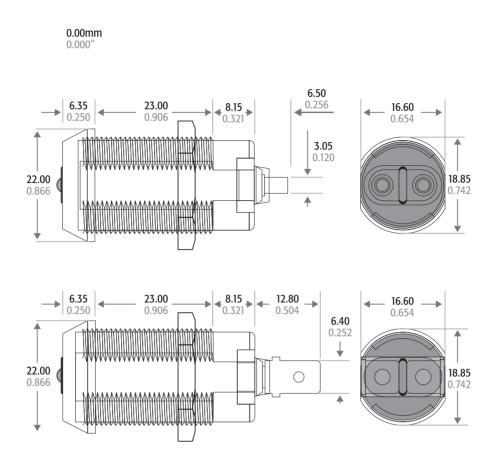
Solder and 6.35mm (1/4") spade terminal types are offered. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current. The outer body is chrome plated for high durability. Supplied with a body nut and two keys per lock.

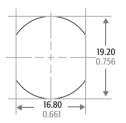
Available with key operations 1, 3 and 7. See page 14.





# Single pole, extra security, 7 pin, solid brass switchlock — Series S28





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Switchlocks: radial pin tumbler: fixed combination

### Single pole, 7 pin, solid brass switchlock — Series S2



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- SOLDER TERMINAL OPTION
- SPADE TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The Series S2 switchlock has the advantages of the all brass 7 pin radial pin tumbler mechanism used in the Series 2 cam lock for many years. This switchlock is suitable for applications where simple key controlled switching is required, with the added advantage of being able to form part of a wider keyed alike system using other conventional 7 pin radial pin tumbler items. The switch has a single pole off/on configuration.

The Series S2 switchlock is available in three types of operation: NO, NO/NC or momentary contact. The NO (normally open) type turns 90° to close the contacts and allow the current to flow. The NO/NC (normally open/normally closed) type is double broached, allowing the key to be removed in two positions, one normally open, the other normally closed. The third type has the key trapped and is spring loaded to provide momentary closing of the contacts.

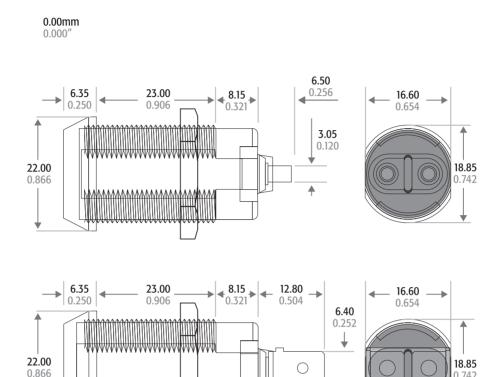
Solder and 6.35mm (1/4") spade terminal types are offered. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current. The outer body is 32mm in length (excluding the terminals) and chrome plated for high durability. Supplied with a body nut and with two keys per lock. The key combination of this switchlock can be supplied compatible with the Sidlock C510 Series.

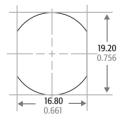
Available with key operations 1, 3 and 7. See page 14.





# Single pole, 7 pin, solid brass switchlock — Series S2





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





### Single pole, 7 pin, die-cast switchlock — Series S2D



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- SOLDER TERMINAL OPTION
- SPADE TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The Series S2D switchlock combines a proven 7 pin radial pin tumbler mechanism with the cost benefits of a zinc alloy body. This switchlock is suitable for applications where simple key controlled switching is required, with the added advantage of being able to form part of a wider keyed alike system using other conventional 7 pin radial pin tumbler items. The switch has a single pole off/on configuration.

The Series S2D switchlock is available in three types of operation: NO, NO/NC or momentary contact. The NO (normally open) type turns 90° to close the contacts and allow the current to flow. The NO/NC (normally open/normally closed) type is double broached, allowing the key to be removed in two positions, one normally open, the other normally closed. The third type has the key trapped and is spring loaded to provide momentary closing of the contacts.

Solder and 6.35mm (1/4") spade terminal types are offered. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current. The outer body is 32mm in length (excluding the terminals) and chrome plated for high durability. Supplied with a body nut and, for keyed to differ locks, with two keys per lock. The key combination of this switchlock can be supplied compatible with the Sidlock C510 Series.

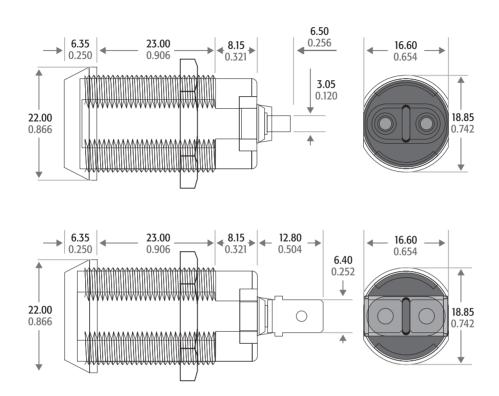
Available with key operations 1, 3 and 7. See page 14.

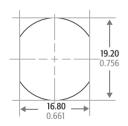




# Single pole, 7 pin, die-cast switchlock — Series S2D

0.00mm 0.000"





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks: radial pin tumbler: fixed combination** 

### Single pole, 7 pin, die-cast switchlock — Series S202



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- SOLDER TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This switchlock is available in three versions, each offering up to 1,000 key combinations. The S202 is a single pole, off/on, two terminal, maintaining type with 90° clockwise rotation and one key entry. The S202A is a single pole, off/on, momentary spring return switchlock. The S202B is a single pole, double throw, on/off/on, 45° clockwise and anti-clockwise rotation and with a choice of key entry/exit configurations.

Series S202 switchlocks have a zinc alloy die-cast housing and cylinder, chrome plated for durability. The terminals are of the solder type and are silver-plated. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current.

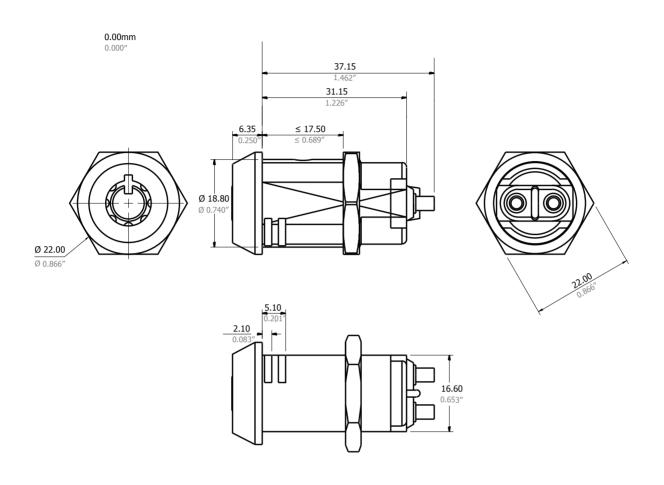
See also the Series S2D switchlock.

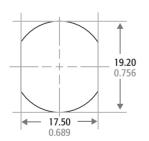
Available with key operations 1 and 3. See page 14.





# Single pole, 7 pin, die-cast switchlock — Series S202





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks: radial pin tumbler: fixed combination** 

### Double pole, 7 pin, die-cast switchlock — Series S206



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- SOLDER TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This switchlock is available in two versions, each offering up to 1,000 key combinations. The S206A is a double pole, 2-off/2-on maintaining type. The S206B is a double pole, changeover, maintaining type, which can be used in two circuit configurations. The outer body is chrome plated for durability.

Series S206 switchlocks have a zinc alloy die-cast housing and centre as standard. The key movements are 90° turn only with either single position or two position key entry. The terminals are of the solder type and are silver-plated.

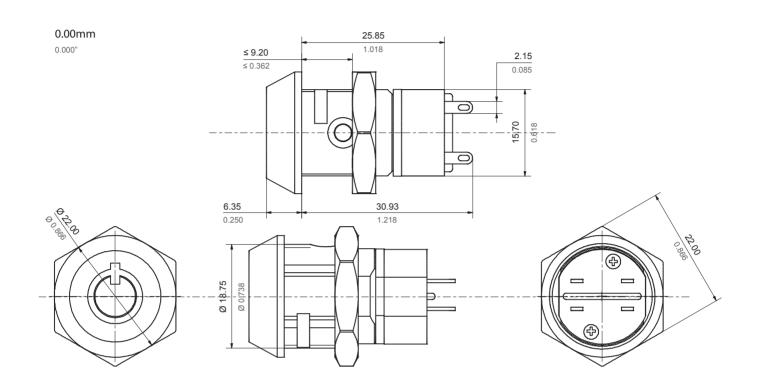
The Series S206 range is rated at 250 volts, 2 amps or 125 volts, 4 amps.

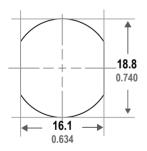
Available with key operations 1 and 3. See page 14.





# Double pole, 7 pin, die-cast switchlock — Series S206





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Switchlocks: radial pin tumbler: fixed combination

### Miniature, 4 pin, die-cast, off/on switchlock — Series S13D



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- SOLDER TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A high quality switchlock produced for use in space-critical applications requiring the level of security associated with a radial pin tumbler mechanism offering 200 key combinations. A competitive price is achieved through the use of a die-cast alloy housing and core. With a body length of 20mm, this is an excellent product for any small electrical or electronic cabinet or enclosure requiring low to medium security. The Series S13D switchlock has 90° key rotation, with either one or two key exits, and solder terminals. Polished chrome finish. Supplied with a body nut and two keys per lock. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current.

A brass version of this product is available, as part number S108.

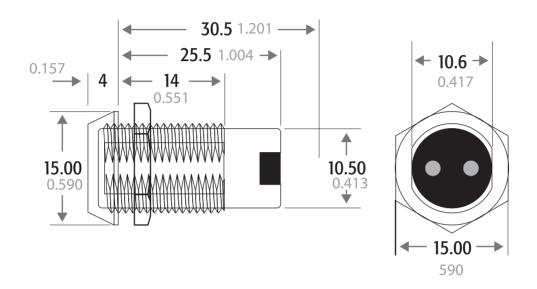
Available with key operations 1 and 3. See page 14.

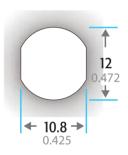




# Miniature, 4 pin, die-cast, off/on switchlock — Series S13D

0.00mm 0.000"





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks: radial pin tumbler: fixed combination** 

### Single pole, off/on, 4 pin, die-cast, cam/switchlock — S1065



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- SOLDER TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

The S1065 is a rare combination of a switching and a locking function. The four pin locking mechanism provides up to 150 key combinations. The switching function is a single pole off/on. There are two silver plated solder type terminals. The outer body is chrome plated for durability.

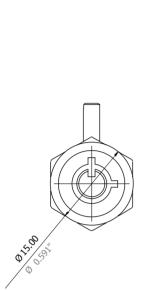
The key movements are 90° turn only with either single position or two position key entry. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current.

Available with key operations 1 and 3. See page 14.



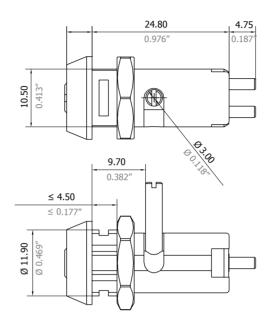


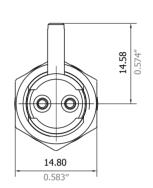
# Single pole, off/on, 4 pin, die-cast, cam/switchlock — S1065

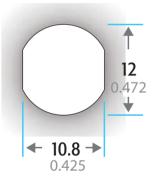


0.00mm

0.000"







#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks: radial pin tumbler: changeable combination** 

### Extra security, 8 changeable combinations switchlock — Series S4



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- DIFFERENT LOCK TYPES, ONE KEY
- CHANGEABLE KEY COMBINATION
- SOLDER TERMINAL OPTION
- SPADE TERMINAL OPTION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The Series S4 brass switchlock is a low load, key operated, single pole off/on switch that incorporates all the benefits of Camlock's 8-pin 'Octagon Camatic' reprogrammable radial pin tumbler mechanism. This switchlock is suitable for applications where simple key controlled switching is required, with the added advantage of being able to form part of a wider keyed alike system using other 8-pin Camatic radial pin tumbler items, including the System 22 range of products. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current.

The Series S4 switchlock is available in three types of operation: NO, NO/NC or momentary contact. The NO (normally open) type turns 90° to close the contacts and allow the current to flow. The NO/NC (normally open/normally closed) type is double broached, allowing the key to be removed in two positions, one normally open, the other normally closed. The third type has the key trapped and is spring loaded to provide momentary closing of the contacts.

The outer body is 32mm in length (excluding the terminals) and chrome plated for high durability. Solder or 6.35mm (1/4") spade terminals are available. The lock bezel is numbered 1 to 8 to assist re-programming. As with other Camatic products, keys are supplied separately to enable the user to achieve optimum key control.

Available with key operations 1, 3. See page 14.

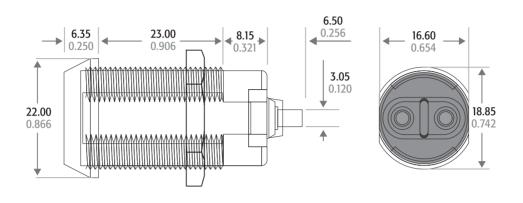


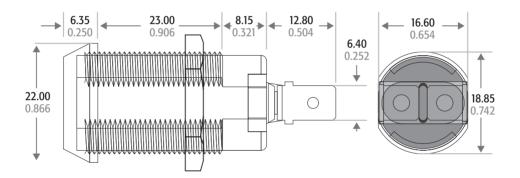


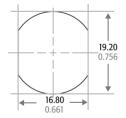
Switchlocks: radial pin tumbler: changeable combination

### Extra security, 8 changeable combinations switchlock — Series S4

0.00mm 0.000"







#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





Single pole, off/on, 8 disc, die-cast, key number 87000 switchlock — Series S20



AVAILABLE KEYED ALIKE
SPADE TERMINAL OPTION
DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

This 8 disc tumbler switchlock is used extensively on amusement and gaming machines to operate the refill function. The lock is operated by a double entry reversible key for convenience and is available in one key number, 87000. The key operation is  $90^{\circ}$  clockwise, with the key trapped in the 'on' position. Terminals are 6.35mm ( $1/4^{\circ}$ ) spades.

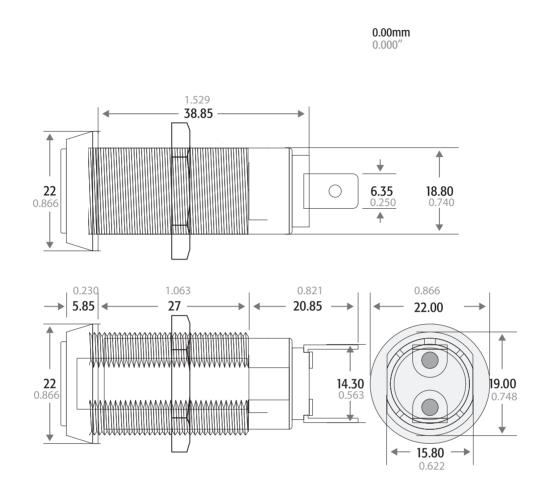
The keyway has a dust shutter to protect the internal components from the ingress of foreign particles and moisture. The lock body is 40mm long (excluding the terminals), has a high quality chrome plated finish, and is provided with a fixing nut. Supplied with two keys per lock. To comply with CE regulations, this switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current.

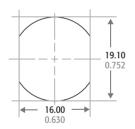
Available with key operations: 1. See page 14.





# Single pole, off/on, 8 disc, die-cast, key number 87000 switchlock — Series S20





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





# Miniature, single pole off/on, 4 disc, die-cast switchlock — S1091



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- SOLDER TERMINAL OPTION
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

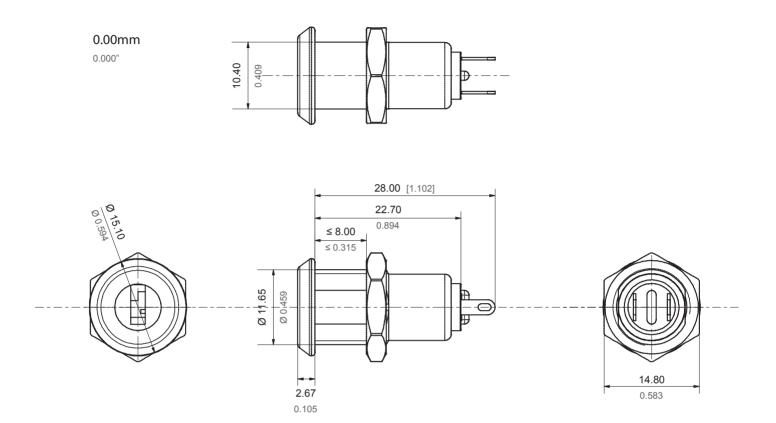
Miniature single pole off/on switch lock manufactured in die-cast zinc alloy with brass tumblers and keys. To comply with CE regulations, this off/on switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current. The key movement is 90° turn (only) with key exits at the 'off' and 'on' positions. Offers up to 20 different key combinations and features a very low profile bezel. There are two silver plated solder terminals. The outer body is chrome plated for durability. Supplied with a body nut.

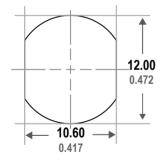
Available with key operation 3. See page 14.





# Miniature, single pole off/on, 4 disc, die-cast switchlock — S1091





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Switchlocks**: disc tumbler

# Miniature, single pole on/off, 4 disc, die-cast switchlock — S1096



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- SOLDER TERMINAL OPTION
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

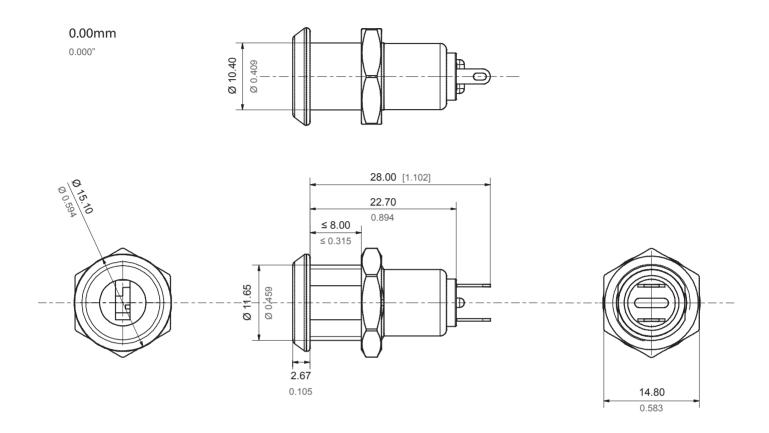
Miniature single pole off/on switch lock manufactured in die-cast zinc alloy with brass tumblers and keys. To comply with CE regulations, this off/on switchlock is rated at less than 50 volts for alternating current and less than 75 volts for direct current. The key movement is 90° turn (only) with key exits at the 'off' and 'on' positions. Offers up to 20 different key combinations and features a very low profile bezel. There are two silver plated solder terminals. The outer body is chrome plated for durability. Supplied with a body nut.

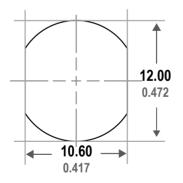
Available with key operation 3. See page 14.





# Miniature, single pole on/off, 4 disc, die-cast switchlock — S1096





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Locking inserts:** radial pin tumbler: fixed combination: no master key system

High security, 7 locking elements, hardened steel body and centre pin — Series 3504



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- NAMACOMPLIANT

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

The 3504-6 is our premium locking insert. The all-new mechanism is based on a revolutioary and unique asymmetrical warded keyway that prevents the entry and/or operation of an incorrect key. Seven stainless steel locking elements fasten the central core to the hardened steel outer body. Double protection from drilling is provided by a hardened steel anti-drill centre post and a second hardened roller inside the lock, which spins freely when a drill bit comes into contact with it.

The 3504-6 insert has no 'shear line', with its associated susceptibility to picking. The internal components are machined from brass for excellent durability and reliability. The black nickel plated finish will enhance the appearance of any application.

Over 750,000 different key combinations are available, allowing an exclusive key combination to be allocated to the user or purchaser. This combination can be registered online to ensure that only authorised personnel can obtain extra keys.

Available with a standard latch, flush latch or deadbolt.

Patents have been applied for internationally to protect the integrity and the cutting edge design of the insert and key.

Typical applications include pop-out T-handles on vending machines, amusement machines, gaming machines, snooker/pool tables, kiddie rides, juke boxes, cabinets, drugs & medicines cabinets, cash boxes, parking ticket machines, self service kiosks, chemical storage cabinets and key exchange boxes, as well as applications designed to accept a locking insert such as parking posts/bollards, wheel clamps and steering wheel locks.

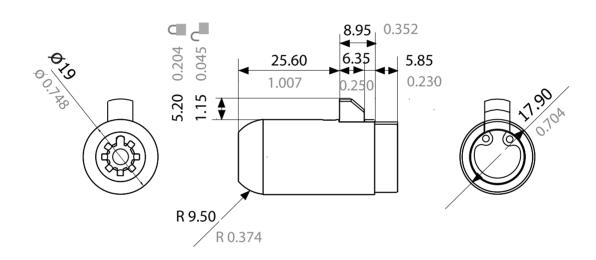




Locking inserts: radial pin tumbler: fixed combination: no master key system

High security, 7 locking elements, hardened steel body and centre pin — Series 3504

0.00mm 0.000" 1.590 34.55 1.360







**Locking inserts: radial pin tumbler: fixed combination** 

# Extra security, hardened, 10 pin, 'Bullet' locking insert — BT88871



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- NAMACOMPLIANT
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

### **Dimensions overleaf** >>

The 'Bullet' locking insert is designed and executed to provide resistance to concerted attacks of all kinds, offering a level of security found nowhere else at this price. Features include a 10 pin version of Camlock's acclaimed and patented 'Octagon' mechanism offering over five million different key combinations, a drill resistant hardened steel outer body and centre, a spherical front profile to prevent drilling and a doubly secure retention of the internal components to resist drive-through. All known methods of attack are protected against, from picking and manipulation through physical assault to unauthorised issue of keys.

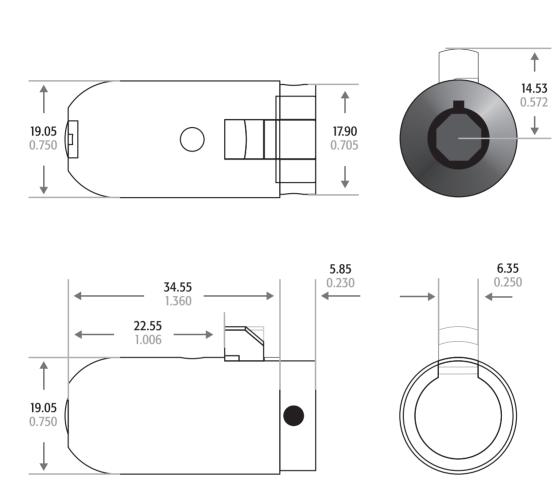
Key registration is available for keyed alike suites and master keys. Available with a standard latch, flush latch or deadbolt.



**Locking inserts: radial pin tumbler: fixed combination** 

# Extra security, hardened, 10 pin, 'Bullet' locking insert — BT88871

**0.00mm** 0.000"







**Locking inserts: radial pin tumbler: fixed combination** 

# Extra security, 10 pin locking insert — T88871



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This locking insert combines the high level of security associated with a 10 pin mechanism offering over five million different key combinations with all the benefits of Camlock's acclaimed and patented 'Octagon' system. Physical security is enhanced by a hardened steel core and inner shell to defend against drilling. Provides good protection against the majority of known methods of attack, from picking and manipulation through physical assault to unauthorised issue of keys.

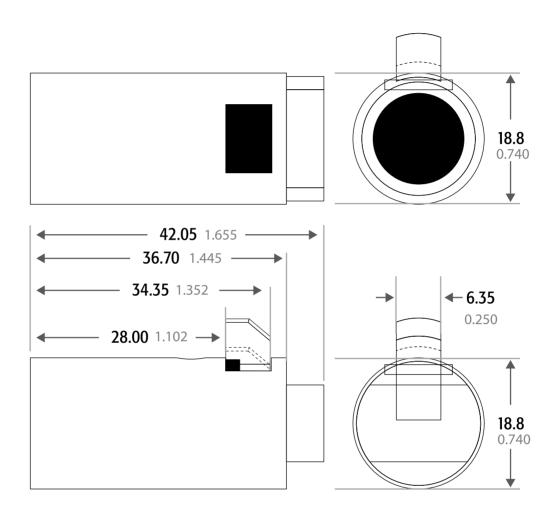
Key registration is available for keyed alike suites and master keys. Available with a standard latch, flush latch or deadbolt. Polished chrome finish.



**Locking inserts: radial pin tumbler: fixed combination** 

# Extra security, 10 pin locking insert — T88871

**0.00mm** 0.000"





**Locking inserts: radial pin tumbler: fixed combination** 

### Extra security, 7 pin locking insert — 88871



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

Based on the standard locking insert that is widely used in T-handles on vending machines, the 88871 has the improved security benefits of Camlock's acclaimed and patented 'Octagon' system, together with over half a million different key combinations. Owing to the ingenuity of our customers, the 88871 has found its way into many and various other applications where its simplicity of design and operation and inherent strength make it extremely versatile.

Key registration is available for keyed alike suites. Available with a standard latch, flush latch or deadbolt. The housing is die-cast alloy with a polished chrome finish and the locking mechanism is machined from brass, with a sintered metal latch. An anti drill feature on the lock core enhances resistance to physical attack.



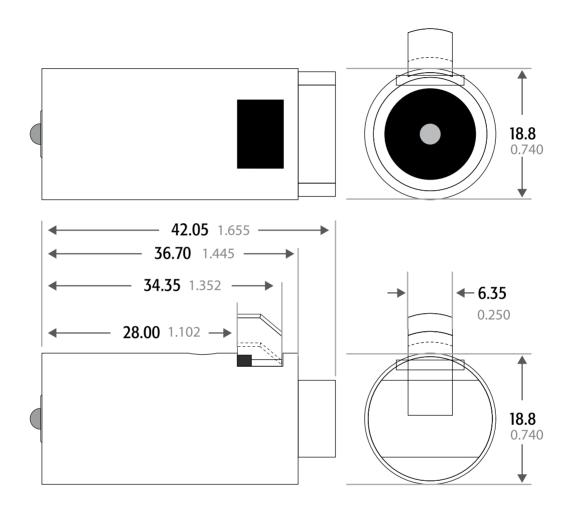


**Locking inserts: radial pin tumbler: fixed combination** 

# Extra security, 7 pin locking insert — 88871

### 0.00mm

0.000"







**Locking inserts: radial pin tumbler: fixed combination** 

### Attack resistant, 7 pin locking insert — VA8871



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

The VA8871 has been designed to be particularly resistant to external attack, including liquids such as 'super glue'. The lock is highly resistant to drill, pull, punch, twist and picking attacks. The 7 pin mechanism provides over four million different key combinations.

The design, construction and materials employed give the lock a high degree of resistance to both physical attack and to the use of unauthorised duplicate keys. Design registration and patents have been granted for this lock.

The lock has a machined brass body, which is chrome plated for durability, and is available with either a standard or flush latch. The pins are manufactured from stainless steel.

The core head is steel, heat-treated and black nickel plated, to provide both drill and corrosion resistance. Stainless steel core heads are available as an option for particularly harsh environments. The keys have a 316 grade stainless steel cup, attached to a plastic bow.

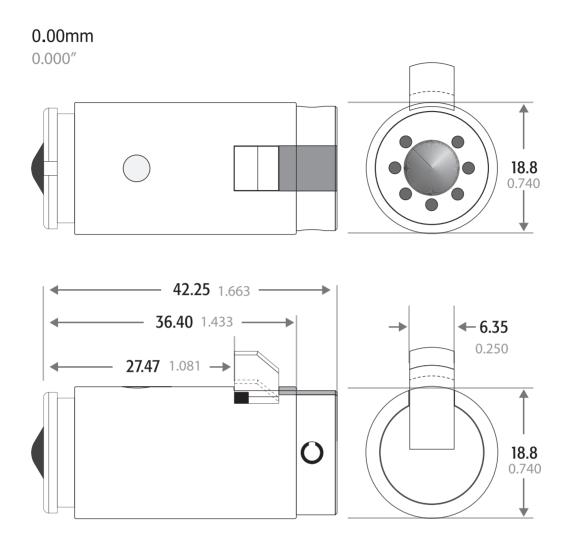
Available with a standard latch, flush latch or deadbolt.





**Locking inserts: radial pin tumbler: fixed combination** 

# Attack resistant, 7 pin locking insert — VA8871







**Locking inserts:** radial pin tumbler: fixed combination: no master key system

### Attack resistant, 7 pin, short length locking insert — VA8871/65



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The VA8871/65 fits the 8839 and 8834C T-handle used in vending machines and other T-handles and applications where space is limited. This locking insert has been designed to be particularly resistant to external attack, including liquids such as 'super glue'. In particular, the lock is highly resistant to drill, pull, punch, twist and picking attacks. The 7 pin mechanism provides over four million different key combinations.

The design, construction and materials employed give the lock a high degree of resistance to both physical attack and to the use of unauthorised duplicate keys. Design registration and patents have been granted for this lock.

The lock has a machined brass body, which is chrome plated for durability, and is available with either a standard or flush latch. The pins are manufactured from stainless steel.

The core head is steel, heat-treated and black nickel plated, to provide both drill and corrosion resistance. Stainless steel core heads are available as an option for particularly harsh environments. The keys have a 316 grade stainless steel cup, attached to a plastic bow.

Available with a standard latch, flush latch or deadbolt.

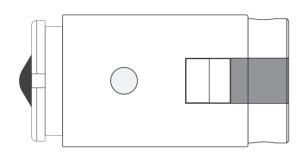


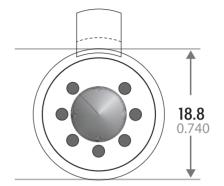


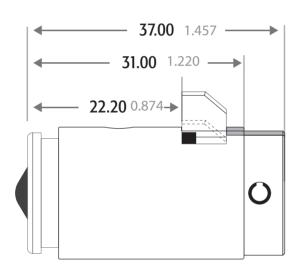
Locking inserts: radial pin tumbler: fixed combination: no master key system

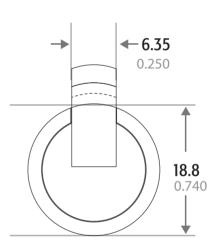
# Attack resistant, 7 pin, short length locking insert — VA8871/65

**0.00mm** 0.000"











**Locking inserts: radial pin tumbler: fixed combination** 

# 10 pin locking insert — T8871



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The T8871 locking insert is a superior version of the standard 8871 locking insert that is widely used in T-handles on vending machines. The 10 pin radial pin tumbler mechanism provides over five million different key combinations and enhanced resistance to picking and manipulation. Its simplicity of design and operation and inherent strength make it extremely versatile. Keyed alike suites may be registered, ensuring maximum key control.

The housing is die-cast alloy with a polished chrome finish and the locking mechanism is machined from brass, with a sintered brass latch. Available with a standard latch, flush latch or dead bolt. An anti drill centre enhances resistance to physical attack.



**Locking inserts: radial pin tumbler: fixed combination** 

# 10 pin locking insert — T8871

0.00mm

Should you require a CAD file of a two-dimensional (2D) drawing or three-dimensional (3D) model of this product, we will be pleased to try to provide this. Please see CAD files, page 15.





**18.8** 0.740

**Locking inserts: radial pin tumbler: fixed combination** 

# 7 pin locking insert — 8871



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A popular locking insert utilising a 7 pin radial pin tumbler mechanism, providing 500,000 different key combinations. The housing is die-cast alloy with a polished chrome finish and the locking mechanism is machined from brass, with a sintered brass latch. Available with a standard latch, flush latch or dead bolt. An anti drill centre enhances resistance to physical attack.

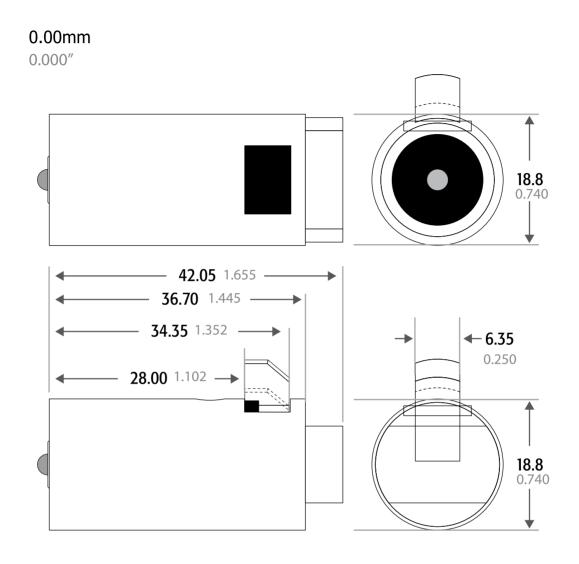
Owing to the ingenuity of our customers, the 8871 locking insert has found its way into many and various other applications where its simplicity of design and operation and inherent strength make it extremely versatile. The security of an application fitted with an 8871 can be upgraded at a future date, due to the dimensional compatibility of higher specification locking inserts.





**Locking inserts: radial pin tumbler: fixed combination** 

# 7 pin locking insert — 8871







Locking inserts: radial pin tumbler: fixed combination: no master key system

# 7 pin, short length locking insert — 2M8871/65



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER
- NAMACOMPLIANT

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This locking insert is designed specifically for the Series 8840 compact, slimline T-handle. The 7 pin radial pin tumbler mechanism has hundreds of thousands of different key combinations. The key operation is clockwise. Manufactured from die-cast zinc alloy, with a polished chrome finish.

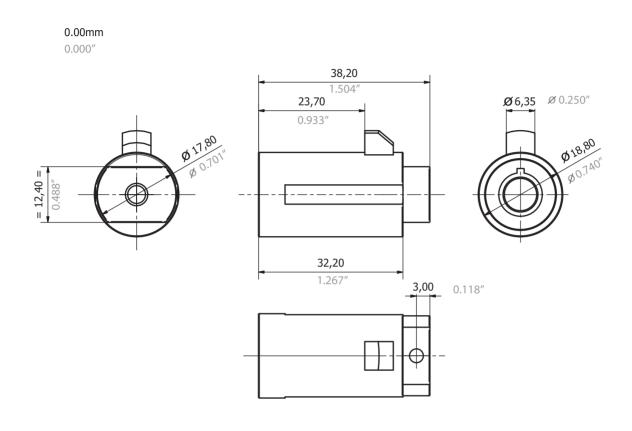
Available with a standard latch, flush latch or deadbolt.





**Locking inserts:** radial pin tumbler: fixed combination: no master key system

# 7 pin, short length locking insert — 2M8871/65







**Locking inserts:** radial pin tumbler: fixed combination: no master key system

Extra security, 7 pin, quarter turn, bulk vending machine lock — Series BV90



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Unlocking and locking the locks fitted to most bulk vending machines is a time consuming and physically tiring job. Normally it involves turning the key in the lock through a number of complete rotations to unlock the lid, and the same process then has to be repeated to replace it after the operator has replenished the machine or emptied the cash box. Multiply this by the number of machines on the route and the number of service calls the operator has to make, and it's clear this wastes a substantial amount of time in a day.

Camlock's new BV90 locks and unlocks the lid of a bulk vending machine with a very quick quarter turn of the key. A patent has been awarded on the new product. The new lock is of all-brass construction, with a chrome finish and a stainless steel shaft adaptor. Its anti-drill centre protects against attacks and the new locks can be retrofitted by the operator using a small, purpose-designed wrench supplied.

The BV90 will fit a very wide range of bulk vending machines, including Northwestern Corporation and Beaver Machine Corporation, as well as those of other OEMs.

Typically, most factory fitted OEM bulk vending locks have very few combinations. This can mean machines are vulnerable and some operators may be able to access other's machines. To overcome this problem and to provide a much higher level of security protection, the BV90 incorporates a 7 pin radial pin tumbler lock with Camlock's award-winning 'Octagon' mechanism. This provides hundreds of thousands of possible key combinations and virtually eliminates the problem of thieves using unauthorized duplicate keys to open locks.

To counter the threat posed by the use of lock picks and other picking techniques, the BV90 has been designed and manufactured to offer excellent resistance to picking. The level of anti-picking protection provided is far superior to a conventional 7 pin radial pin tumbler lock.





**Locking inserts:** radial pin tumbler: fixed combination: no master key system

# Extra security, 7 pin, quarter turn, bulk vending machine lock — Series BV90

The BV90 offers key registration on keyed alike suites, ensuring that registered keys are only issued to the relevant customer, greatly reducing the possibility of unauthorized duplicate keys entering circulation. The procedure involves assigning a unique key combination to the purchaser or user and recording that person's signature, which is used to verify all orders for additional locks and keys. Operators then have the reassurance of a much lower risk of thefts by persons using counterfeit keys.

### **Suitable applications**

Machine Manufacturer	Model number / Name
Northwestern Corporation	Series 60
	Series 80
	Sticker Machine
	Strong Box
Beaver Machine Corporation	Round Beaver
	Northern Beaver
	Flat-Pak Sticker Machine
	Triton
Global Gumball, Inc.	Wiz Kid
	Mega Wizard
	Giant Wizard
	Original Wizard
A & A Global Industries, Inc.	P089
	PN95
	PM Elite
	2001

Should you have a bulk vending machine not listed above, we can supply a sample of the BV90 for you to determine the suitability of the product for your machine. Please note that a minor modification may need to be made to certain machines to facilitate removal of the globe.





**Locking inserts:** radial pin tumbler: fixed combination: no master key system

# Bulk vending lock, 6 pin locking insert — P158



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A compact radial pin tumbler lock that can be retrofitted to many of the common types of bulk vending ('bubble gum') machines in the market today. The 6 pin mechanism and unusual keyway help to provide more protection than the OEM locks fitted to the majority of bulk vending machines. The chrome plated finish complements the durable die-cast body. Supplied with one key per lock, as standard.

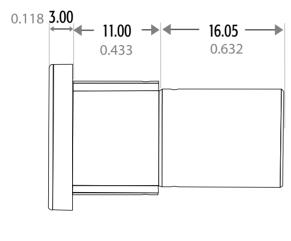


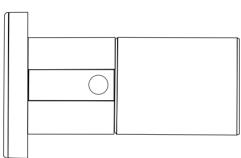
Locking inserts: radial pin tumbler: fixed combination: no master key system

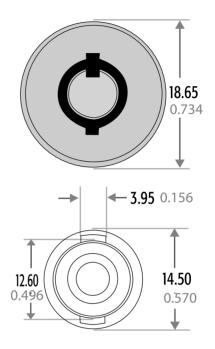
# Bulk vending lock, 6 pin locking insert — P158

### 0.00mm

0.000"









**Locking inserts:** radial pin tumbler: fixed combination: no master key system

### Extra security, 10 pin plug lock locking insert — P8377



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A variation on the common types of locking insert, this plug lock features an integral locking pin at the rear. This lock type is widely used in lockable parking posts and bollards, as well as being incorporated into many and various other applications.

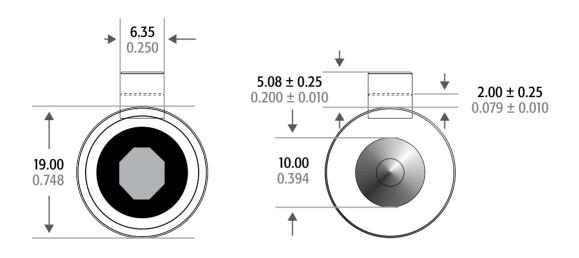
The P8377 incorporates a 10 pin radial pin tumbler mechanism providing over five million different key combinations. The acclaimed and patented Octagon mechanism helps to prevent unauthorized key duplication and to provide a good level of security for unsupervised locations. To provide enhanced resistance to physical attack, the lock features a hardened steel anti-drill core and inner shell. The polished chrome finish will enhance any product that the P8377 is fitted in.

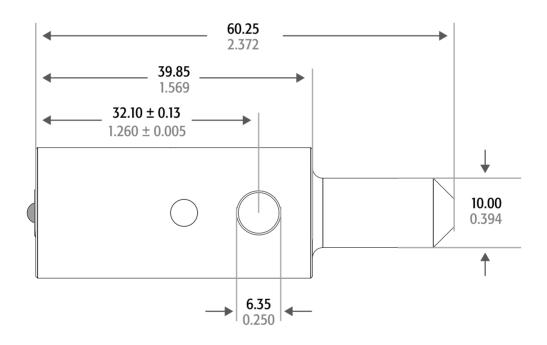


Locking inserts: radial pin tumbler: fixed combination: no master key system

# Extra security, 10 pin plug lock locking insert — P8377

0.00mm 0.000"









Locking inserts: radial pin tumbler: fixed combination: no master key system

# Plug lock, 10 pin locking insert — P377



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A variation on the common types of locking insert, this plug lock features an integral locking pin at the rear. This lock type is widely used in lockable parking posts and bollards, as well as being incorporated into many and various other applications.

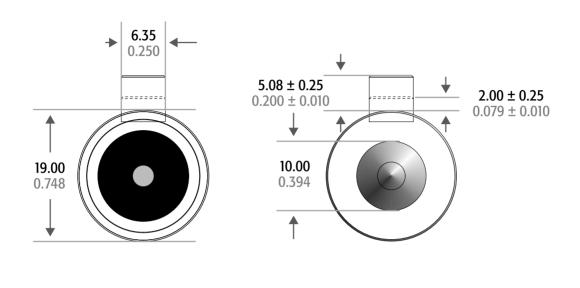
It incorporates a 10 pin radial pin tumbler mechanism offering over five million different key combinations, to provide a good level of security for unsupervised locations. The construction is all brass, with a polished chrome finish. An anti drill centre enhances resistance to physical attack.

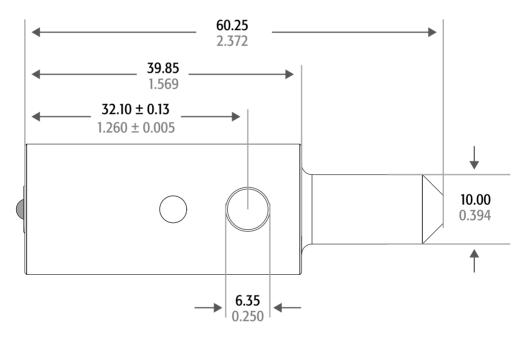


Locking inserts: radial pin tumbler: fixed combination: no master key system

# Plug lock, 10 pin locking insert — P377

0.00mm 0.000"









**Locking inserts: radial pin tumbler: changeable combination** 

### Extra security, 12 pin locking insert — T488871



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

This locking insert is an enhanced version of an established favourite with gaming, vending and other coin-operated machine operators, also retail and shopfitting companies. A broad range of other applications is also possible. The 12 change 'Camatic' combination change system is combined with the acclaimed and patented 'Octagon' system to give excellent pick resistance and to minimize the risk of loss through theft using unauthorized duplicate keys. The Series T48 locking inserts are ideal for use in route management planning, where frequent or routine combination changes are required.

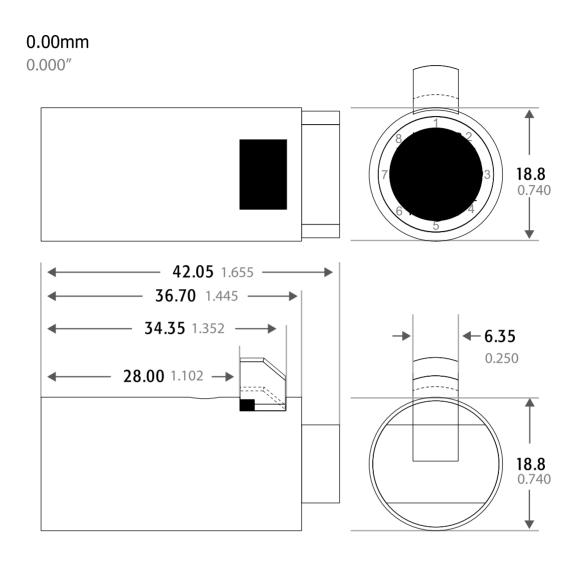
The high security, 12 pin radial pin tumbler mechanism is of all-brass construction, housed in a cast alloy outer body for excellent durability and features positive combination change indexing. The finish is polished chrome. Combination change indicators are marked on the bezel. Operator keys and change keys are sold separately and can be registered for optimum key control.





**Locking inserts: radial pin tumbler: changeable combination** 

# Extra security, 12 pin locking insert — T488871







**Locking inserts:** radial pin tumbler: changeable combination

### Extra security, 12 pin, short length locking insert — T488871/65



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The T488871/65 is designed for T-handle applications where limited space is available and a low profile appearance is desired. This locking insert is a 12 change version of an established favourite with gaming, vending and other coin-operated machine operators, also retail and shopfitting companies. A broad range of other applications is also possible. The 12 change 'Camatic' combination change system is combined with the acclaimed and patented 'Octagon' system to give excellent pick resistance and to minimize the risk of loss through theft using unauthorized duplicate keys. The Series T48 locking insert is ideal for use in route management planning, where frequent or routine combination changes are required.

Available with a standard latch, flush latch or deadbolt.

The high security, 12 pin radial pin tumbler mechanism is of all-brass construction for excellent durability, is housed in a die cast alloy outer body and features positive combination change indexing. The finish is polished chrome. Combination change indicators are marked on the bezel. For optimum key control, key registration is available. Each user specifies the number of Operator and Change Keys required, avoiding the risk of surplus keys falling into the wrong hands.



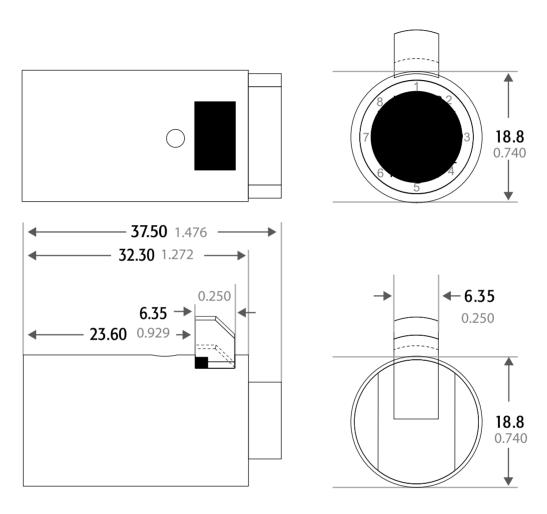


**Locking inserts: radial pin tumbler: changeable combination** 

# Extra security, 12 pin, short length locking insert — T488871/65

# 0.00mm

0.000"







Locking inserts: radial pin tumbler: changeable combination

### Extra security, 8 pin locking insert — GM8871MkIV



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The 'Camatic' is Camlock's highly respected and widely used changeable combination system. In the event of the loss or theft of the operating key(s), the lock's combination can be altered by a simple turn of a Change Key. In such situations, the Camatic facility eliminates the need to replace locks. This Mark IV type incorporates a specially developed version of the patented 'Octagon' system to minimize the risk of unauthorized keys being used to open the lock, through key registration. For optimum key control, the customer specifies the number of Operator and Change Keys required, avoiding the risk of surplus keys falling into the wrong hands.

The construction is a die-cast alloy housing, brass locking mechanism, sintered steel latch and a polished chrome finish. The bezel is numbered 1—8 to assist reprogramming but there is no indication of the combination that the lock is set to. Available with a standard or flush latch. The GM8871MkIV may share a key combination with other 8 pin Octagon Camatic products, such as cam locks.





**Locking inserts: radial pin tumbler: changeable combination** 

# Extra security, 8 pin locking insert — GM8871MkIV

# 0.000" 42.05 1.655 36.70 1.445 28.00 1.102 18.8 0.740





**Locking inserts: radial pin tumbler: changeable combination** 

# Extra security, 8 pin locking insert — GM8871/65MkIV



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

The GM8871/65MkIV is designed for T-handle applications where limited space is available.

The 'Camatic' is Camlock's highly respected and widely used changeable combination system. In the event of the loss or theft of the operating key(s), the lock's combination can be altered by a simple turn of a Change Key. In such situations, the Camatic facility eliminates the need to replace locks. This Mark IV type incorporates a specially developed version of the patented 'Octagon' system to minimize the risk of unauthorized keys being used to open the lock, through key registration. For optimum key control, the customer specifies the number of Operator and Change Keys required, avoiding the risk of surplus keys falling into the wrong hands.

The construction is a die-cast alloy housing, brass locking mechanism, sintered steel latch and a polished chrome finish. The bezel is numbered 1—8 to assist reprogramming but there is no indication of the combination that the lock is set to. Available with a standard or flush latch. The GM8871/65MkIV may share a key combination with other 8 pin Octagon Camatic products, such as cam locks.

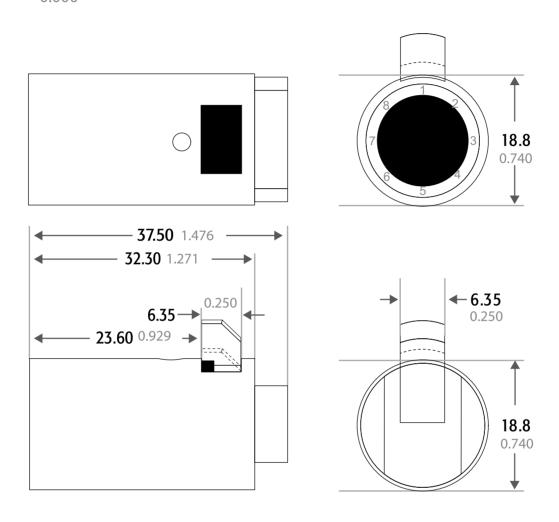




**Locking inserts: radial pin tumbler: changeable combination** 

# Extra security, 8 pin locking insert — GM8871/65MkIV

# **0.00mm** 0.000"







**Locking inserts: radial pin tumbler: changeable combination** 

### Attack resistant, 8 pin locking insert — VAM8871



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

The 'V-matic' combines strength and convenience and has been designed to be particularly resistant to external attack, including liquids such as 'super glue'. In particular, the locking insert is highly resistant to drill, pull, punch, twist and picking attacks. The 8 pin mechanism provides a very high number of key combinations and can be re-programmed to any of eight combinations in the event of key loss or theft, by a simple turn of a Change Key. The V-matic has an unusual and distinctive flush fascia.

The design, construction and materials employed give the lock a high degree of resistance to both physical attack and to the use of unauthorised duplicate keys. Design registration and patents have been granted for this lock.

The lock has a machined brass body, which is chrome plated for durability, and is available with either a standard or flush latch. All internal components are manufactured from stainless steel. The core head is steel, heat-treated and black nickel plated, to provide both drill and corrosion resistance. The keys have a 316 grade stainless steel cup, attached to a plastic bow.

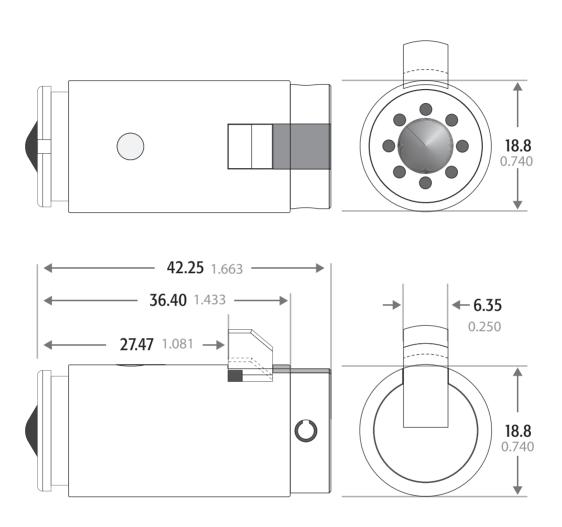




**Locking inserts: radial pin tumbler: changeable combination** 

# Attack resistant, 8 pin locking insert — VAM8871

**0.00mm** 0.000"







**Locking inserts:** radial pin tumbler: changeable combination

### Attack resistant, 8 pin, short length locking insert — VAM8871/65



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

### **Dimensions overleaf** >>

The VAM8871/65 fits the standard 8839 and 8834C T-handle used in vending machines and other T-handles and applications where space is limited. The 'V-matic' combines strength and convenience and has been designed to be particularly resistant to external attack, including liquids such as 'super glue'. In particular, the locking insert is highly resistant to drill, pull, punch, twist and picking attacks. The 8 pin mechanism provides a very high number of different key combinations and can be re-programmed to any of eight combinations in the event of key loss or theft, by a simple turn of a Change Key. The V-matic has an unusual and distinctive flush fascia.

The design, construction and materials employed give the lock a high degree of resistance to both physical attack and to the use of unauthorised duplicate keys. Design registration and patents have been granted for this lock.

The lock has a machined brass body, which is chrome plated for durability, and is available with either a standard or flush latch. All internal components are manufactured from stainless steel. The core head is steel, heat-treated and black nickel plated, to provide both drill and corrosion resistance. The keys have a 316 grade stainless steel cup, attached to a plastic bow.

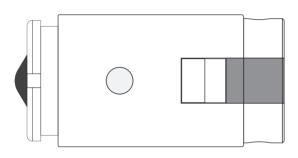


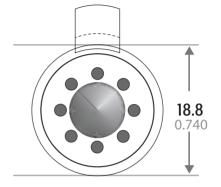


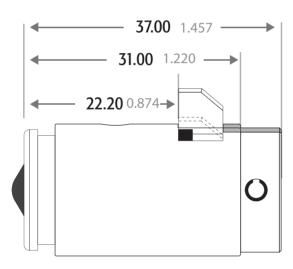
**Locking inserts: radial pin tumbler: changeable combination** 

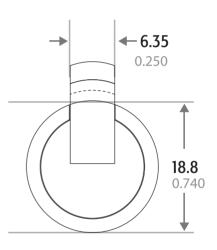
## Attack resistant, 8 pin, short length locking insert — VAM8871/65

0.00mm 0.000"











# Surface mounted, fluted body T-handle — 8834C or 10-1-285



N A M A COMPLIANT

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

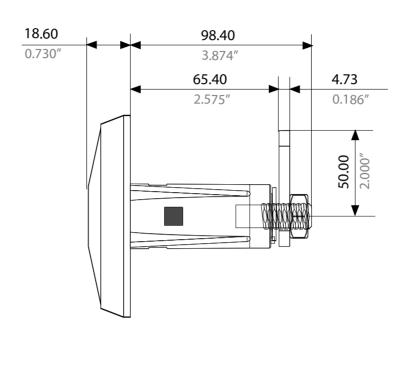
This spring-loaded, pop-out T-handle has become a standard in the vending industry. Accepts a range of locking inserts including those that meet NAMA dimensional standards. Available in  $\frac{1}{4}$  or  $\frac{1}{2}$  turn operation, allowing you to choose whether the handle rotates 90° or 180° when unlocked. The stop plate can be re-positioned to allow left or right rotation.

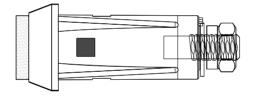
The finishes available are chrome plated or, to special order, black nickel-plated. The front of the handle is textured for scratch resistance.

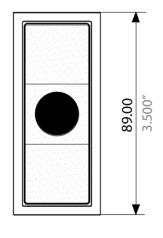


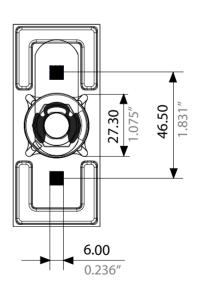
## Surface mounted, fluted body T-handle — 8834C or 10-1-285

0.00mm 0.000"













**T-handles: Cam operation** 

# Surface mounted, short length, tubular body T handle — 8835



#### **Dimensions overleaf** >>

This compact pop-out T-handle is factory fitted with a locking insert, which can be specified as either the 8871 standard 7 pin mechanism or the 88871 Octagon 7 pin mechanism with over half a million different key combinations. The 8835 handle is ideal for vending machines and other applications where limited space is available and a low profile appearance is desired.

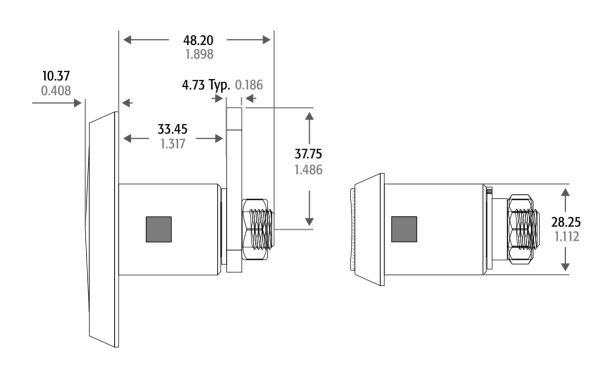
The locking bolt is concealed. The handle has a  $\frac{1}{4}$  turn operation. The stop plate can be re-positioned to allow left or right rotation.

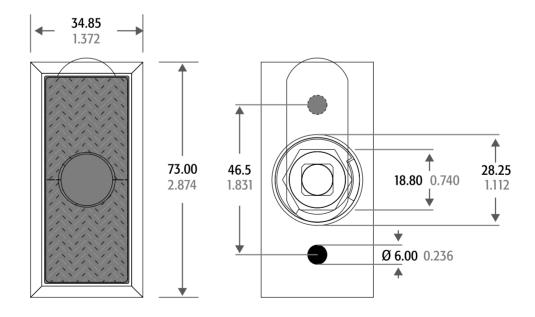
The front design has a slim profile, adding to the neat appearance. Supplied in a polished chrome finish, with a textured face for scratch resistance.



## Surface mounted, short length, tubular body T handle — 8835

0.00mm 0.000"









# Surface mounted, short length, tubular body T-handle — 8839

N A M A COMPLIANT

For an explanation of the above terms, please see pages 9 and 10.



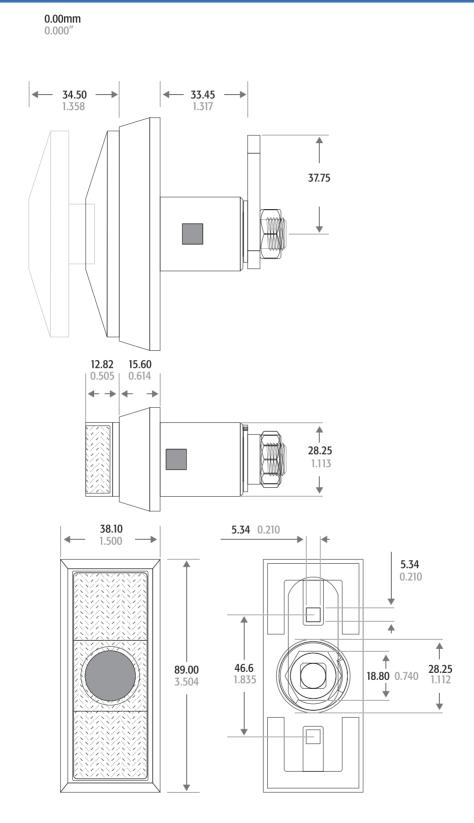
**Dimensions overleaf** >>

A spring-loaded, pop-out T-handle that offers a compact body size similar to the 8835 but accepts a range of locking inserts including those that meet NAMA dimensional standards. Supplied with a 38mm flat cam, in  $\frac{1}{4}$  or  $\frac{1}{2}$  turn operation. When unlocked, the handle rotates 90° or 180°. The stop plate can be re-positioned to allow left or right rotation.

The finishes available are chrome plated or black nickel-plated. The front of the T-handle is textured for scratch resistance.



## Surface mounted, short length, tubular body T-handle — 8839







#### Surface mounted, compact, slimline, tubular body T-handle — 8840



**Dimensions overleaf** >>

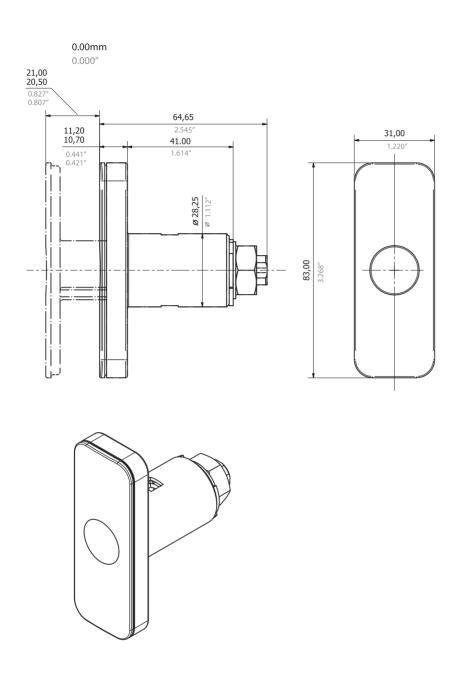
The slim profile – the external part of the handle is just 11.2mm in depth – looks good when surface mounted and the handle can be recessed to give a stunning flush appearance. The overall depth of under 65mm makes the Series 8840 suitable for applications where space is limited. The handle movement is 90° clockwise (in the open position).

Manufactured from die-cast zinc alloy, the handle can be specified in one of four types: either a medium stipple anti-scratch surface or a stunning 'mirror' surface and with the handle and flange in either a bright chrome plated or black nickel plated finish. The 'mirror' surface is available by special order only and the black nickel plated options are subject to a minimum order quantity of 500. Fixing is straightforward, using two M5 coach bolts (not supplied).

The handle takes a 7 pin 2M8871/65 locking insert, which should be ordered at the same time as the 8840.



## Surface mounted, compact, slimline, tubular body T-handle — 8840







### Surface mounted, square body T-handle — KLW6



N A M A COMPLIANT

For an explanation of the above terms, please see pages 9 and 10.

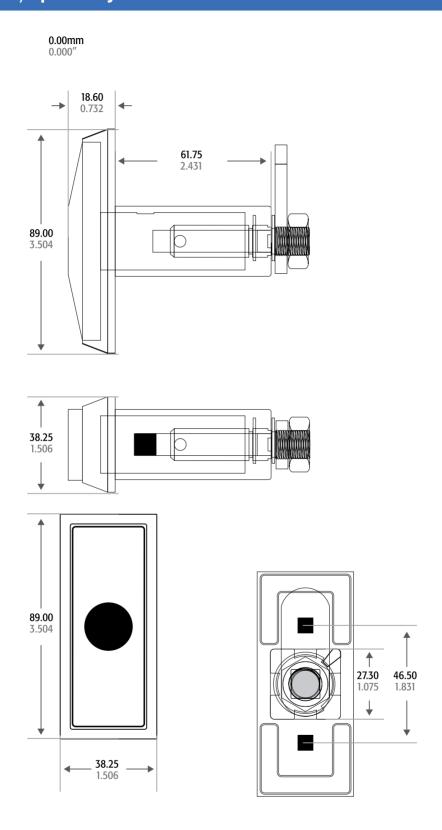
**Dimensions overleaf** >>

The KLW6 spring-loaded, pop-out T-handle has a square section body designed to resist torque attacks. This makes it appropriate for higher risk or unsupervised locations. Accepts a range of locking inserts including those that meet NAMA dimensional standards. The KLW6 is available in  $\frac{1}{4}$  or  $\frac{1}{2}$  turn operation and with a variety of cams.

The front design has a built up flange and slim profile, adding to the neat appearance. Supplied in a polished chrome finish, with a textured face for scratch resistance.



## Surface mounted, square body T-handle — KLW6







### Surface mounted, fluted body, locking stud type T-handle — 8834S



**Dimensions overleaf** >>

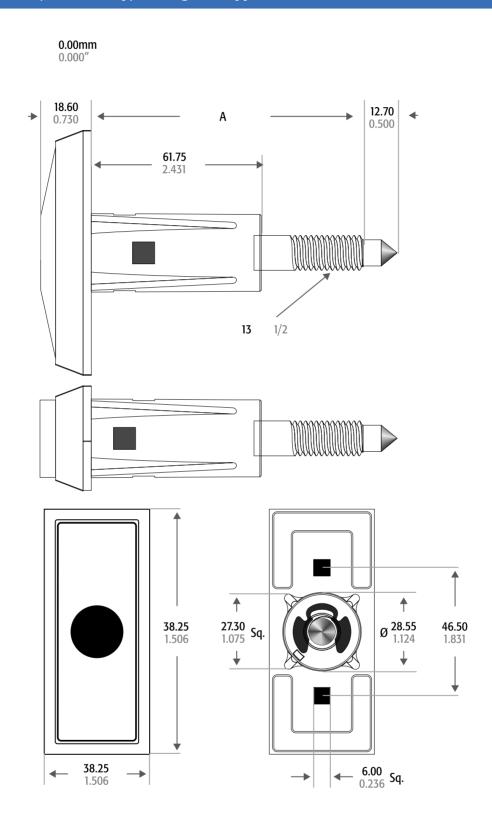
A spring-loaded, pop-out T-handle that accepts a range of locking inserts including those that meet NAMA dimensional standards. Available with a wide range of locking studs to suit a broad variety of applications. When unlocked, the handle is freewheeling, ie. rotates 360°.

The finishes available are chrome plated or, to special order, black nickel-plated. The front design has a built up flange and tapered T-handle face, which is textured for scratch resistance.

A variety of locking stud lengths is available with the industry standard  $\frac{1}{2}$ " - 13 thread. Metric thread and non-standard lengths or threads are available to special order.



## Surface mounted, fluted body, locking stud type T-handle — 8834S







### Surface mounted, square body, locking stud type T-handle KLW5



**Dimensions overleaf** >>

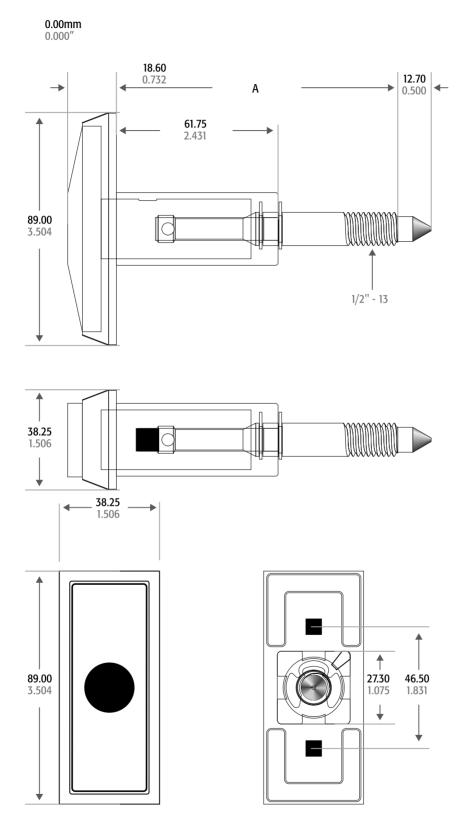
The KLW5 spring-loaded, pop-out T-handle offers increased security though a square section body designed to resist torque attacks. This makes it appropriate for higher risk or unsupervised locations. Accepts a range of locking inserts including those that meet NAMA dimensional standards.

A variety of locking stud lengths is available with the industry standard  $\frac{1}{2}$ " – 13 thread. Metric thread and non-standard lengths or threads are available to special order. When unlocked, the handle is freewheeling, ie. rotates 360°.

The front design has a built up flange and slim profile, adding to the neat appearance. Supplied in a polished chrome finish, with a textured face for scratch resistance.



## Surface mounted, square body, locking stud type T-handle KLW5







### Rear mounted, heavy duty T-handle, for sealed machines — KLV Series



**Dimensions overleaf** >>

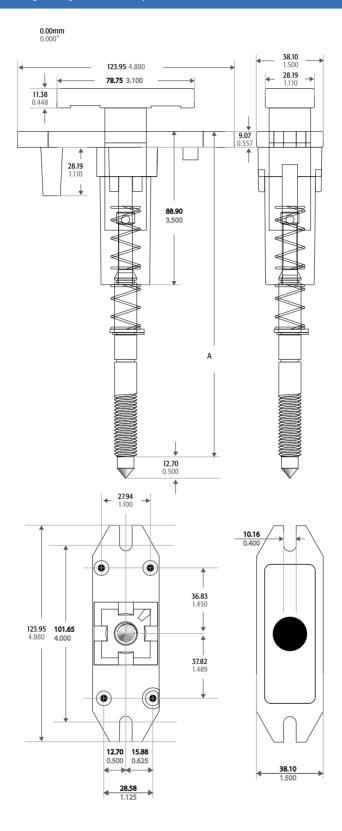
The KLV spring-loaded, pop-out T-handle has a rear-mounted flange and body assembly for increased vandal resistance. Accepts a range of locking inserts including those that meet NAMA dimensional standards.

A wide choice of locking stud lengths is available with the industry standard  $\frac{1}{2}$ " – 13 thread. Metric thread and non-standard lengths or threads are available to special order. When unlocked, the handle is freewheeling, ie. rotates 360°.

The front design has a flat T-handle face and slim profile, creating a smart appearance. Supplied in a polished chrome finish, with a textured face for scratch resistance.



## Rear mounted, heavy duty T-handle, for sealed machines — KLV Series







**T-handles:** Anti-drill plates and covers

### **Anti-drill plate for standard T-handles — KL-DP**



**Dimensions overleaf** >>

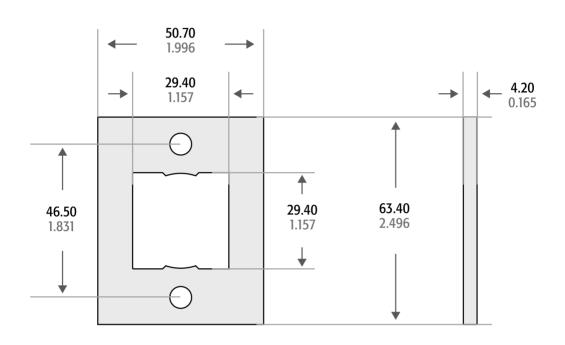
Made from hardened steel, this ingenious device provides a practical and very cost effective deterrent when fitted to most fluted or square flange NAMA compliant T-handles. Fits on the inside of the machine cabinet in just a few minutes, using the existing fastening bolts.



**T-handles:** Anti-drill plates and covers

## Anti-drill plate for standard T-handles — KL-DP

0.00mm 0.000"

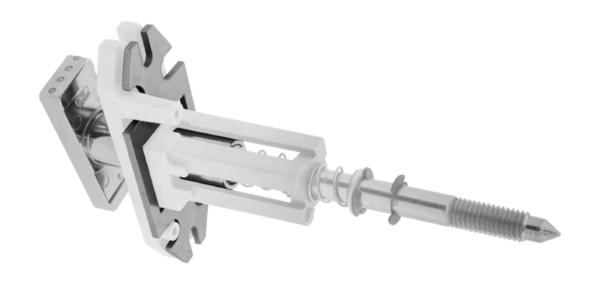






**T-handles:** Anti-drill plates and covers

### **Anti-drill plate for square body T-handles — KLV-DP**



**Dimensions overleaf** >>

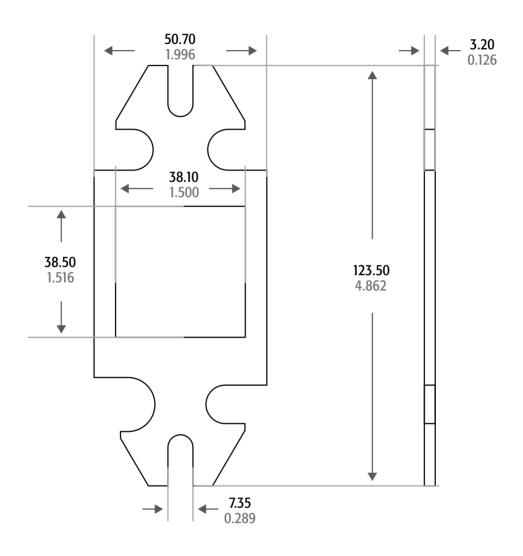
Made from hardened steel, this ingenious device provides a practical and very cost effective deterrent when fitted to KLV Series T-handles. Fits on the inside of the machine cabinet in just a few minutes, using the existing fastening bolts.



**T-handles:** Anti-drill plates and covers

# Anti-drill plate for square body T-handles — KLV-DP

0.00mm 0.000"







**T-handles:** Anti-drill plates and covers

#### T-handle cover — THC-1



This strong steel cover with a black, powder-coated finish provides additional security for vending machines and other applications by protecting the T-handle and the locking insert from most forms of physical attack. The cover is kept in place by any one of a very wide range of padlocks so the level of security can be matched to the risk of attack. Camlock Systems can supply padlocks and locking inserts keyed alike to the same key combination. Fitting is easy as the cover fits between the cabinet and the T-handle. There are no holes to drill or extra screws or bolts to fit.

#### **Overall dimensions:**

height: 122mm (4.8") width: 63mm (2.5") depth: 72mm (2.8")

maximum padlock shackle diameter: 9mm (0.35").





**Pushlocks:** radial pin tumbler: fixed combination

#### Extra security, 10 pin, flange fixing pushlock — GT8990



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

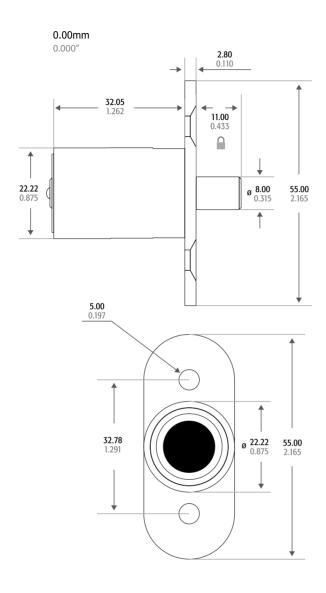
A flange fixing pushlock offering a very good level of security for sliding doors, making it ideal for display cases containing high value items such as jewellery, cameras and mobile phones. The award-winning and patented 10 pin 'Octagon' mechanism is designed to prevent unauthorized key duplication and offers in excess of five million key differs. Supplied with, as standard, two keys per lock for keyed to differ locks.

The die-cast outer body and flange have a bright chrome plated finish and the lock features an anti-drill centre. GT8990 locks can share a key combination with other Octagon 10 pin radial pin tumbler products.

Please note that this product is only available to special order (minimum quantity requirements may apply).



## Extra security, 10 pin, flange fixing pushlock — GT8990







Pushlocks: radial pin tumbler: fixed combination

#### Extra security, 7 pin, nut fixing, heavy duty pushlock — P491



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

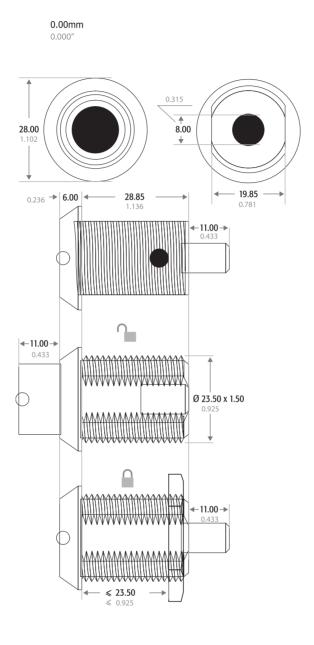
A 7 pin nut mounting pushlock featuring the award-winning and patented 'Octagon' mechanism, which is designed to prevent unauthorized key duplication. The lock offers a simple 'push to lock, key to open' operation. This robust and highly durable lock is suitable for a wide range of applications that require the additional strength that comes from its larger than average body size and where the use of a flange mounted pushlock is inappropriate. These include wheel clamps, litter bins, sliding doors, display cabinets, office furniture, security grilles and shutters.

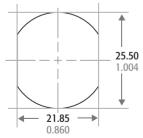
The components are machined from solid brass and the lock features an anti-drill centre and an attractive bright chrome plated finish. Panel fixing is by a brass body nut.





### Extra security, 7 pin, nut fixing, heavy duty pushlock — P491





#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





#### Extra security, compact, threaded body pushlock — Series 25



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

A compact, 7 pin, nut mounting pushlock featuring the award-winning and patented 'Octagon' mechanism, which is designed to prevent unauthorized key duplication. The lock offers a simple 'push to lock, key to open' operation. The Series 25 pushlock has a threaded body, which fits an industry standard double D hole, making it suitable for a wide range of applications such as litter bins, sliding doors, display cabinets, office furniture, security grilles and shutters.

The components are machined from solid brass and the lock features an anti-drill centre and an attractive, bright chrome plated finish. Panel fixing is by a brass body nut.

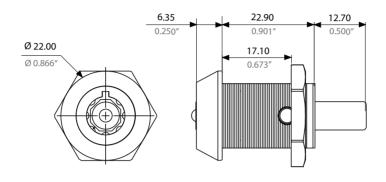
A heavy-duty version of this pushlock is available, the P491.

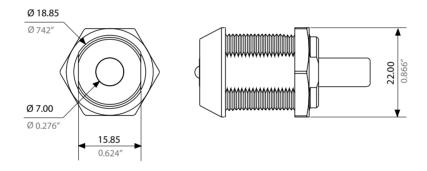


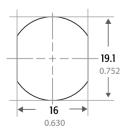


### Extra security, compact, threaded body pushlock — Series 25

0.00mm 0.000″







#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.





**Pushlocks: radial pin tumbler: fixed combination** 

#### Extra security, 7 pin, flange fixing pushlock for sliding wooden doors — G8990



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

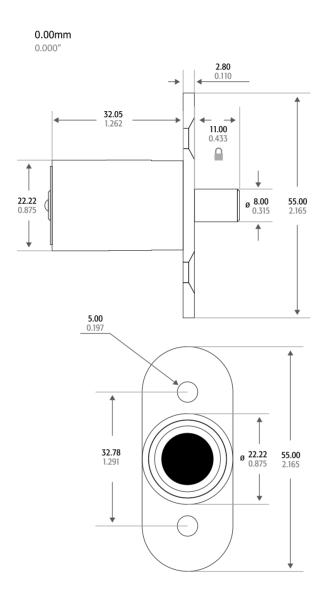
For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

For sliding door or similar applications, the G8990 is a strong, 7 pin radial pin tumbler pushlock offering over 500,000 differs as well as Camlock's unique and patented 'Octagon' design. The internal parts are made from solid brass for reliability and durability. There is an anti-drill centre. The die-cast housing and flange have a chrome plated finish. The lock offers a simple 'push to lock, key to open' operation, a choice of keying options and compatibility with all Camlock's other Octagon 7 pin radial pin tumbler locks.



# Extra security, 7 pin, flange fixing pushlock for sliding wooden doors — G8990





**Pushlocks: radial pin tumbler: fixed combination** 

#### 10 pin, flange fixing pushlock, for sliding wooden doors — GT990



- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

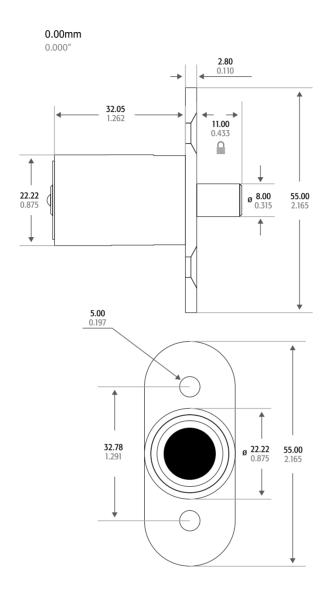
For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

For sliding door or similar applications, the GT990 is a strong, 10 pin radial pin tumbler pushlock offering over five million differs. The lock features an anti-drill centre. The internal parts are made from solid brass for reliability and durability. The die-cast housing and flange have a chrome plated finish. The lock offers a simple 'push to lock, key to open' operation, a choice of keying options and compatibility with all Camlock's other conventional 10 pin radial pin tumbler locks.



## 10 pin, flange fixing pushlock, for sliding wooden doors — GT990





**Pushlocks: radial pin tumbler: fixed combination** 

### 7 pin, flange fixing pushlock, for sliding wooden doors — G990



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DIFFERENT LOCK TYPES, ONE KEY
- RADIAL PIN TUMBLER

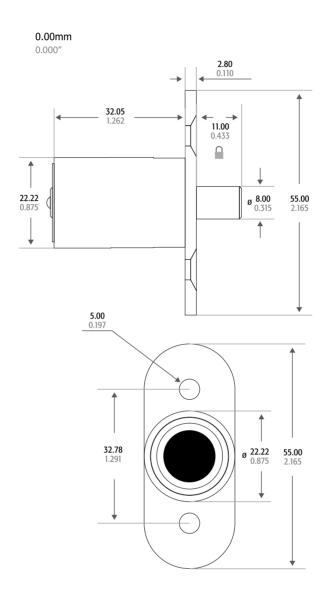
For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

For sliding door or similar applications, the G990 is a strong, 7 pin radial pin tumbler pushlock offering 500,000 differs. The internal parts are made from solid brass for reliability and durability. The lock features an anti-drill centre. The die-cast housing and flange have a chrome plated finish. The lock offers a simple 'push to lock, key to open' operation, a choice of keying options and compatibility with all Camlock's other conventional 7 pin radial pin tumbler locks.



## 7 pin, flange fixing pushlock, for sliding wooden doors — G990





**Pushlocks:** radial pin tumbler: changeable combination

## Extra security, 8 pin, flange fixing, 'Camatic' pushlock — GM990MkIV



- EXTRA SECURITY
- UNIQUE KEY COMBINATION AVAILABLE
- AVAILABLE KEYED ALIKE
- DIFFERENT LOCK TYPES, ONE KEY
- CHANGEABLE KEY COMBINATION
- RADIAL PIN TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

**Dimensions overleaf** >>

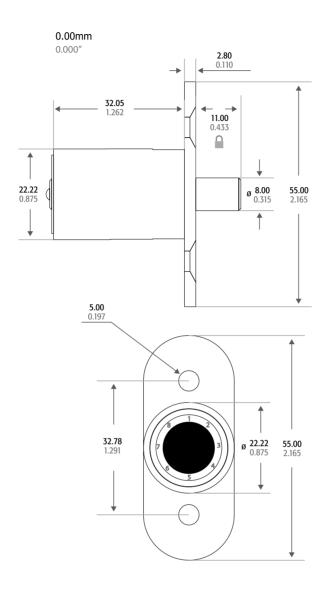
For sliding door or similar applications, the GM990MkIV is a strong, 8 pin reprogrammable radial pin tumbler pushlock with a simple 'push to lock, key to open' operation. For optimum key control, the customer specifies the number of operator and change keys required, avoiding the risk of surplus keys falling into the wrong hands. This pushlock may share a key combination with other 8 pin Octagon Camatic products, including those in the System 22 range.

The internal parts are made from solid brass for reliability and durability. The die-cast housing and flange have a chrome plated finish.



Pushlocks: radial pin tumbler: changeable combination

## Extra security, 8 pin, flange fixing, 'Camatic' pushlock — GM990MkIV





6 disc, double entry pushlock, threaded body, nut or clip fixing — 3015, 3016 and 3017



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- AVAILABLE MASTER KEYED
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

The Series 30 range of pushlocks has all the latest features in a disc tumbler format. The double entry keyway means that the key can be inserted either way up, for the user's convenience. The pushlock can be specified with either a 'push to lock' (types 3015 and 3016) or 'key to lock' (type 3017) action. The lock movement is just 45°, clockwise or anticlockwise, with the key free at the 12 o'clock position. Up to 500 key combinations are available as standard and 2,000 by special order (subject to a minimum order quantity). The key combination is engraved on both the lock face and the key, making it easy to order replacement or additional keys. The pushlocks can be specified to be keyed alike or keyed to differ and either with or without a master key.

The die-cast zinc alloy construction allows us to offer these pushlocks at a very competitive price, making it attractive to OEMs that purchase in volume. The finish is bright chrome plate, which will enhance the appearance of any application.

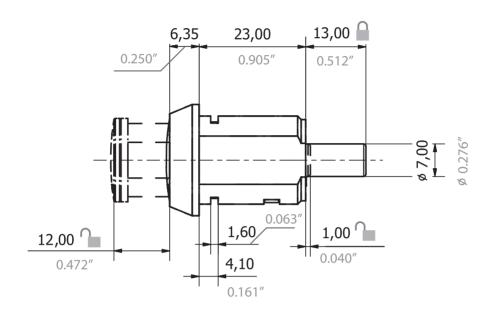
This pushlock fits a standard 19mm x 16mm 'double D' mounting hole and is available with a choice of fixing methods: the 3015 is fitted using the sprung horseshoe clip, making it ideal for OEMs wishing to achieve very fast mounting. The 3016 and 3017 types are mounted using a standard  $\frac{3}{4}$  inch brass body nut.

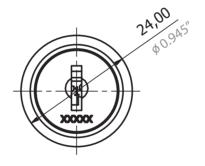


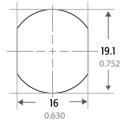


# 6 disc, double entry pushlock, threaded body, nut or clip fixing — 3015, 3016 and 3017

**0.00mm** 0.000"







#### Suggested hole dimensions

Please satisfy yourself as to the accuracy of the hole you require.

Remember to allow for any finishing/coating constricting in the hole.



# 5 disc, flange fixing pushlock, for sliding wooden doors — PL506-12



- AVAILABLE KEYED ALIKE
- AVAILABLE KEYED TO DIFFER
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

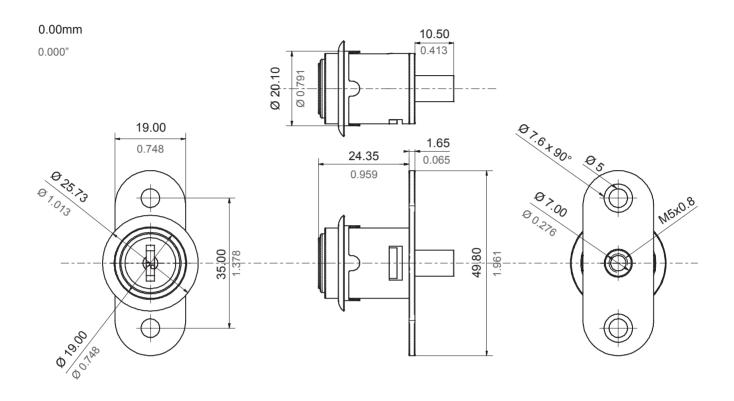
Dimensions overleaf >>

This screw-fixing pushlock features a return spring and a 5 disc tumbler mechanism offering up to 200 different combinations. The die-cast housing and flange are finished in bright nickel plate. The lock has a convenient 'push to lock, key to open' 30 degree operation, with the key removable in one position only.

Supplied with two keys per lock, as standard.



# 5 disc, flange fixing pushlock, for sliding wooden doors — PL506-12







# 5 disc, flange fixing pushlock, for sliding wooden doors, 'Thrifty' — C990A



- AVAILABLE KEYED ALIKE
- DISC TUMBLER

For an explanation of the above terms, please see pages 9 and 10.

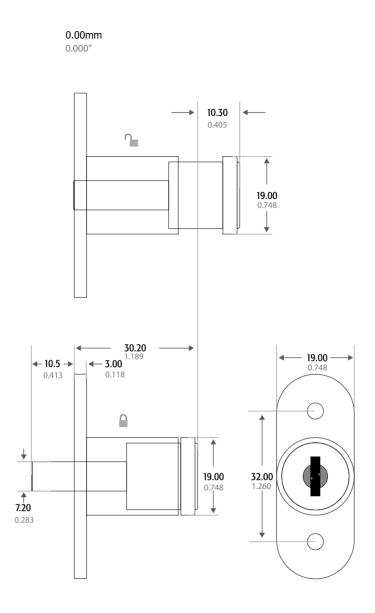
**Dimensions overleaf** >>

The C990A provides effective security through simple and reliable operation, at a very competitive price. This popular pushlock is used primarily to secure sliding wooden doors. It is sturdily constructed from alloy parts and uses a five disc tumbler mechanism. The die-cast housing and flange are finished in bright chrome plate.

This pushlock is suitable for frequently used applications; the key can be inserted into the lock either way up. An unusual feature for a pushlock is the facility to withdraw the key in the open position, preventing locking, perhaps where frequent access is required at certain periods. When secure locking is needed at other times, perhaps overnight, the key may be returned to the 'push to lock' position. A cylinder rose is supplied, as standard, to improve the aesthetics of the lock when fitted. Supplied keyed alike with two reversible keys per lock, as standard.



# 5 disc, flange fixing pushlock, for sliding wooden doors, 'Thrifty' --- C990A







**Pushlocks: tri-drive** 

# Tri-drive, flange fixing, tamper proof pushlock — P524



• DIFFERENT LOCK TYPES, ONE KEY

For an explanation of the above terms, please see pages 9 and 10.

Dimensions overleaf >>

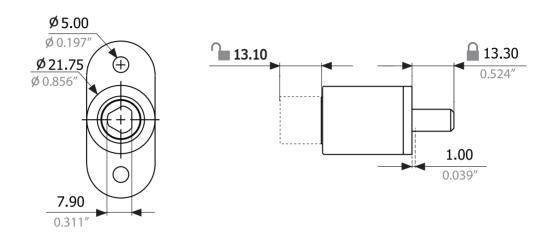
For applications requiring a tamper proof pushlock, the P524 is a strong, screw-fixing type operated by an industry-standard 8mm triangular drive 'spanner' type key. The internal parts are made from solid brass for reliability and durability. The durable die-cast housing and flange are finished in bright chrome plate.

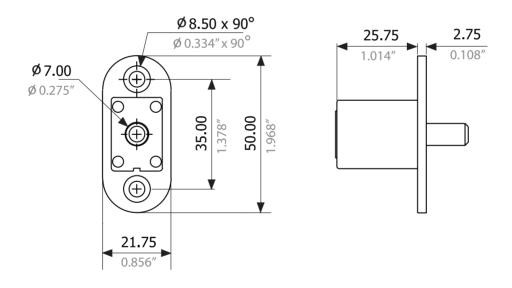


**Pushlocks: tri-drive** 

# Tri-drive, flange fixing, tamper proof pushlock — P524

**0.00mm** 0.000"









# The company, continued

#### ...and first class service

The quality of the products is backed up with a culture of real customer service. Help and guidance are available to each customer at every stage. Technical advice and support is provided by qualified personnel with a clear understanding of security problems. Experts are available to act as technical consultants during your product development, normally without charge.

## **Staying ahead**

Continuing investment in research and development is geared towards anticipating and solving customers' future demands and problems. The company uses the latest CAD and solid modelling technology to provide really effective solutions to your security and operating problems.





# **Quality assurance; Restriction of Hazardous Substances (RoHS)**

## **Background information**

ISO 9000 is a set of international standards for quality management systems that is accepted around the world. Currently, national standards bodies from more than 160 countries support it. The ISO 9000 family of standards represents an international consensus on good management practices.

## ISO 9001 : 2008 Certification achieved by Camlock Systems

Camlock's ISO 9001: 2008 Certificate — which is reproduced overleaf — is an indication to its customers, prospects and suppliers world-wide that it has a logical and documented quality management system. In particular, ISO 9001 serves as a business reference between the company and potential customers, when both parties are new to each other, and/or far removed geographically.

Camlock's current ISO 9001: 2008 Certificate can be downloaded from our website.

## **Benefits for you**

The ISO 9001:2008 standard provides a tried and tested framework for taking a systematic approach to managing our organization's processes so that these consistently turn out product that satisfies your expectations.

When a buyer purchases from us, or a designer specifies our products, he/she has the reassurance that the quality of what their business will receive should meet their expectations. You should also benefit by receiving products and/or services that are reliable and consistent.

ISO 9001: 2008 places a strong emphasis on continual improvement and our customers can rest assured that we are working hard to meet their needs and expectations.

ISO 9000 is important to us because of our increasing international orientation. Being so widely recognized makes ISO 9000 the natural choice for a business that trades internationally and has customers who demand an international standard of quality.

#### RoHS

We are pleased to advise you that all of our products comply with the European Directives on the Restriction of Hazardous Substances in Electrical and Electronic Equipment (RoHS). Where hazardous substances are present in our products, these are within the permitted limits stated in the Annex to Directive 2002/95/EC and the amending Directive of 18 August, 2005.







# **Quality assurance, continued**



# Registration Certificate

This document certifies that the administration systems of

# Camlock Systems Ltd. East Sussex, UK

have been assessed and approved by QAS International to the following management systems, standards and guidelines:

ISO 9001: 2008

The approved administration systems apply to the following:

The design, manufacture and supply of industrial locks and locking systems.

Original Approval 6th January 2004 Current Certificate 6th January 2011 Certificate Expiry 6th January 2012 Certificate Number A11201

On behalf of QA\$ International

www.qas-international.com

This certificate remains valid while the holder maintains their quality administration systems in accordance with the standards and guidelines stated above, which will be audited annually by QAS International.

The holder is entitled to display the above registration mark for the duration of this certificate.

This certificate must be returned to QAS International on reasonable request. Issuing Office: QAS International, The Gig House, Oxford Street, Malmesbury, Wiltshire, SN16 9AX





# **Explanation of terms**

#### **AVAILABLE KEYED ALIKE**

A set or 'suite' of these locks is available with a single key combination. A keyed alike (or 'keyed to pass') suite offers the convenience of any key within the set operating any or all of the locks.

#### **AVAILABLE KEYED TO DIFFER**

A set or 'suite' of these locks is available built to different key combinations, each of which is operated by its own individual key. Also known as 'keyed different'.

#### **AVAILABLE MASTER KEYED**

A set or 'suite' of these locks is available with each lock operated by a different key and also by a 'master key', which will work any lock within the set, providing the advantage of 'one key fits all'.

#### CHANGEABLE KEY COMBINATION

A lock that may be set to a new key combination (or 'reprogrammed') by using a special 'change key'. Should the key in use be lost or stolen, it will not operate the lock once the key combination has been changed.

## **DIFFERENT LOCK TYPES, ONE KEY**

A lock operated by a key that is compatible with different types or configurations of our locks, eg. cam locks, padlocks and switchlocks. This allows you to operate two or more types of locks using either the same key ('keyed alike') or different keys and a 'master key' that will work any lock within the set.

#### **DISC TUMBLER**

A lock mechanism that features a row of discs, of differing profiles, which must be accurately positioned by the correct key in order to operate.

#### **DOUBLE LOCKING**

A padlock in which both ends of the shackle are locked, increasing the resistance to attempts to forcibly open it by levering the shackle.

#### EXTRA SECURITY

A lock with a patented design. Attempts to breach the company's intellectual property are taken very seriously and pursued in law. No key blanks for this lock are issued to third parties, to help prevent unauthorized duplicate keys being cut. Security is reinforced by a proven key registration system, to ensure that registered keys are only ever issued to the relevant customer.







# **Explanation of terms, continued**

#### N A M A COMPLIANT

A lock or handle that complies with National Automatic Merchandising Association specifications. NAMA issues uniform dimensions and configurations of certain vending machine locks and handles, making it easier to retrofit replacements to specific vending machines.

#### **PIN TUMBLER**

A lock mechanism that incorporates a row of cylindrical pins of differing lengths, which must be accurately positioned by the correct key in order to operate.

## **RADIAL PIN TUMBLER**

A lock mechanism that uses a number of cylindrical pins of differing lengths arranged in a circle and is operated by a 'tubular' type of key.

#### **SOLDER TERMINAL OPTION**

A switchlock equipped with terminals that allow the wiring to be connected by solder.

#### SPADE TERMINAL OPTION

A switchlock equipped with terminals that allow the wiring to be connected by spade-tag connectors.

## **UNIQUE KEY COMBINATION AVAILABLE**

A set or 'suite' of these locks is available with a key combination that is unique to the purchaser or user. This has two major benefits. First, customers no longer need worry that other people have been sold a key that can operate their locks. Second, the possibility of unauthorised duplicate keys being cut can be greatly reduced by using our key registration service.

#### **WEATHER RESISTANT**

A lock incorporating features such as seals or gaskets to make it suitable for use in harsh environments. Many of our weather resistant products conform to the requirements of IP65, a standard that measures the ability of products to exclude moisture and particulates from enclosures.







## **How to order**

Looking through this catalogue, you will appreciate that not only do we offer many different types of products but also that most of these are available in a choice of dimensions, finish, keying, locking operation, etc. The total number of product permutations is huge.

We carry stocks of the most frequently requested items, to facilitate rapid fulfilment of orders for these. We hold substantial stocks of component parts for the majority of our other product variants and assemble locks by hand in our factory to customers' specific requirements. We also have the expertise to design and manufacture locks and locking systems that are not currently part of our range where customers have bespoke requirements.

The delivery date for your order will depend on whether the items are in stock, have to be assembled from components or designed & developed from scratch. Please do not hesitate to ask us for an estimated delivery date, no matter what your requirement may be.

## **Our prices**

We believe our prices represent unsurpassed value for money, whether you are wishing to purchase just one consignment of locks or large volumes on a regular basis. We will be pleased to provide prices by e-mail, fax or letter. Our contact details are shown below.

#### **CAD** files

Should you require a two-dimensional (2D) drawing or three-dimensional (3D) model of a product to incorporate into your design, prototype, product or application, we will be pleased to try to provide you with a CAD file. Please e-mail info@anemo..eu and tell us the following information:

- product name and/or Product Code Number
- body length
- if appropriate, cam type (flat, cranked, hooked, standard punched, cross punched, double punched, star punched) and cam length
- whether 2D or 3D is required
- the software you are using and the version or year
- the file format you require. Normally, 2D drawings are supplied as an AutoCAD .dwg file and 3D models are supplied as an .iges (Initial Graphics Exchange Specification) file. However, should you require a different file format to these, please let us know and we will reply to let you know whether we are able to assist you.





# How to order, continued

## **Standard key operations**

See page 14.

## **Keys**

For an explanation of the main keying options, please read the paragraphs about keyed alike, keyed to differ and master keyed on page 8. Many of our products are supplied with two keys as standard; if required, additional keys can be supplied at a nominal extra cost. Where there may be multiple users requiring access, locks and keys may be sold separately to allow the customer to determine the number of keys required. Please see the details of the product(s) you are interested in for specific information on whether keys are supplied with the locks or separately.

#### **New customers**

Should you require further guidance before placing your order, please feel free to contact a member of our helpful and friendly Technical Sales Team. We ask that all orders are submitted in writing — by e-mail, fax or post. In line with common commercial practice, we request payment in advance from new customers. We will send you a 'pro forma' invoice, which we ask you to pay — by electronic funds transfer to our bank, payment card or cheque — before we process your order. Please note that we will not start to design, manufacture, assemble, pack or deliver your goods until the day that we receive your payment. So it is in your interests to pay the pro forma invoice promptly.

#### **Established customers**

Please continue to submit all orders in writing — by e-mail, fax or post. Customers wishing to purchase our products regularly can open a credit account with us. On request, we will send you an application form. Please note that when ordering additional or replacement keys for 'registered' key combinations, you should use our secure online service and/or send an original signed order bearing the correct signature(s).

## The next step

We very much value your business and we look forward to hearing from you. Our contact details are shown below.

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# Fitting, continued; Environmental; Imperial measurements; Copyright material

## Changing the combination on a Camatic changeable combination lock

There are eight or twelve different key combinations available for each suite of Camatic locks.

- When dispatched to you, the locks are set to the No. 1 or A combination.
- When you wish to change to another combination, simply insert the Change key at the No. 1 or A position or the number or letter on which the lock was last set. The small extension on the metal key head should point to the corresponding number on the lock.
- Turn the Change key to the new combination you wish to select. When you detect the 'click' as the number or letter is reached, simply withdraw the key. The lock can now only be operated by the key with that number or letter.
- Should you wish to change the combination again, insert the Change key at the last position used. Turn the Change key to the new combination you wish to select, as previously described.
- New key combinations can be programmed in any sequence, for example 1, 7, 4 or A, G, D, etc. Locks can also be re-programmed back to any of the previously used combinations, if required. There is no outward indication as to which combination is in use. Only you and your key holders know this.
- The Change key does not operate the lock. It is used solely for changing the combination.

#### **Environmental**

This catalogue is designed to be kept up to date by inserting additional leaves when new products are added to our range (and the removal of leaves featuring discontinued products). Amendments will be notified automatically so there is no necessity to request these updates. This approach minimises wastage generated by regular reprinting of complete catalogues.

The paper used for the pages of this catalogue is produced by an ISO 14001 certified mill in Northern Finland and is rated by the Forest Stewardship Council (FSC) as 'Mixed Credit'. The board used in the binder is rated by the FSC as 100% recycled. Both paper and board are made from elemental chlorine free (ECF) fibre sourced from well managed forests.

## **Imperial measurements**

Please note that all imperial dimensions provided in this catalogue are an approximate conversion of the metric equivalent and should not be precisely relied upon when selecting products. Accurate imperial dimensions for any product can be supplied upon request.

## **Copyright material**

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