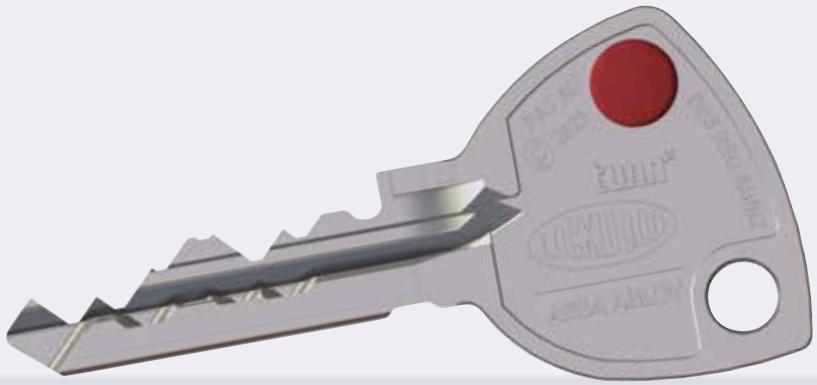
TWIN X® Technical Reference Manual



We take the worry out of protecting what's valuable to you.
Lockwood: *no worries*®

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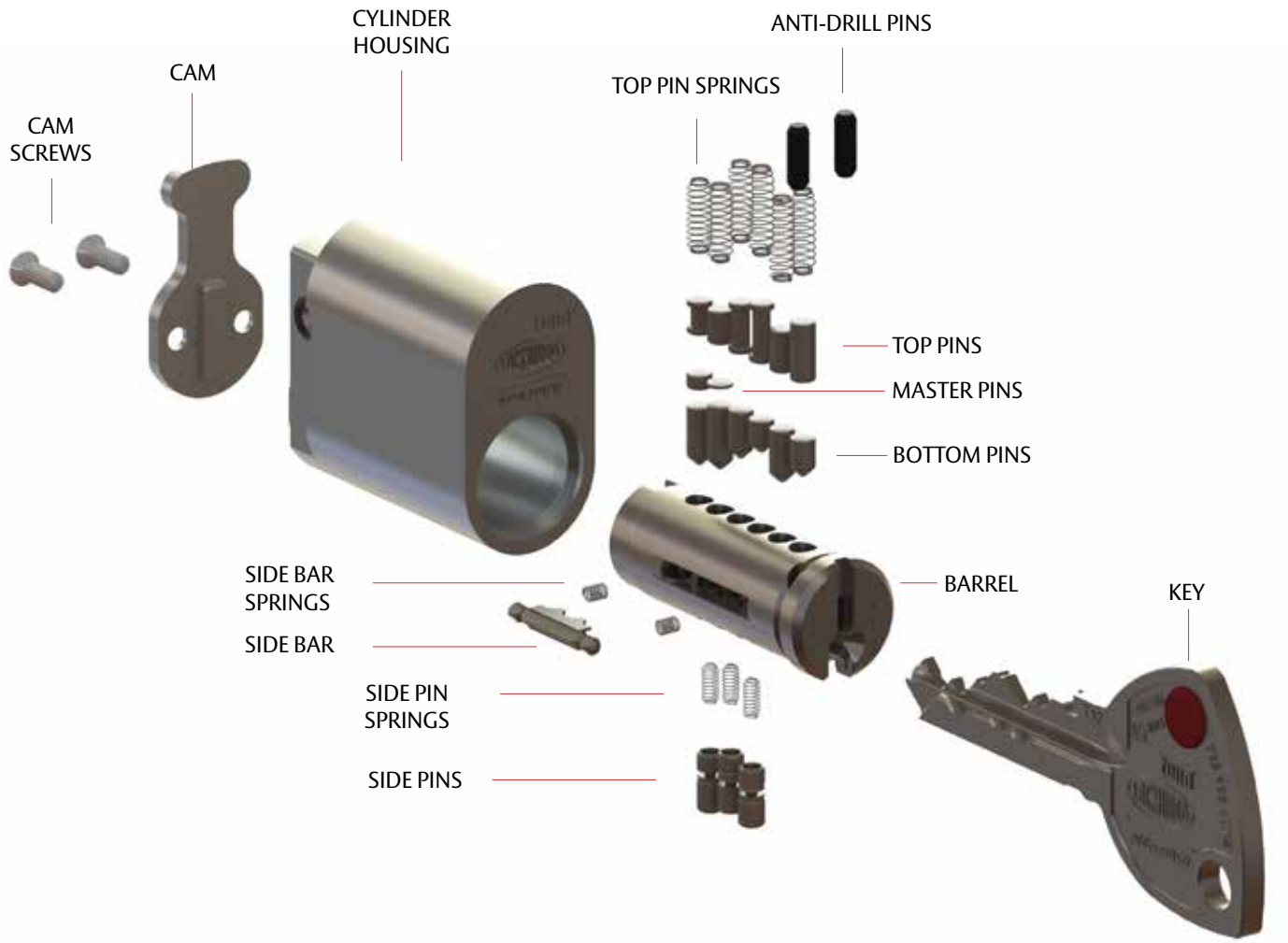

TWIN X® Technical Reference Manual

Overview

Introducing Lockwood TWIN X® by ASSA ABLOY Opening Solutions Australia

Elevate your security standards with the sophistication of Lockwood TWIN X®, the latest advancement in the esteemed Lockwood restricted keying system by ASSA ABLOY Opening Solutions Australia. Designed and manufactured in Australia, TWIN X® stands as a testament to our commitment to quality and innovation.

Key Features:

TWIN X®- Securing Your Future

TWIN X® boasts a double-locking mechanism, integrating seamlessly into the Lockwood TWIN system. Its innovative sidebar locking feature sets a new standard for security, ensuring a level of protection that discerning users demand.

Aesthetic Redefined

Building on the legacy of its predecessor, the Lockwood Twin system, Lockwood TWIN X® enters the market with a fresh aesthetic. Secured by a new patent until 2036 and design registration until 2032, TWIN X® showcases the exclusive 'FP2' feature, marked by a stepped key shoulder and a two-stop surface system on the barrel.

Exclusive Key Ways for Enhanced Control

Catering to the unique needs of our esteemed dealers and locksmiths, TWIN X® offers exclusive keyways that provide enhanced key control. Each TWIN X® key blank is meticulously distributed through our comprehensive yet secure dealer network, mitigating the risk of unauthorised duplication.

Robust Security Features

Lockwood TWIN X® goes beyond the ordinary, incorporating a pick-resistant design and robust protection against drill attacks. Our unwavering commitment to security ensures that Lockwood TWIN X® not only meets but exceeds industry standards

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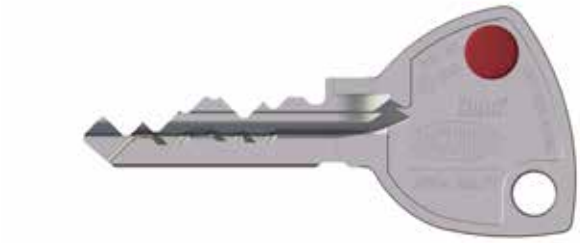
Exclusivity

Lockwood TWIN X® Profile System: Exclusivity

The Lockwood TWIN X® Keying System features a distinctive 5-element profile system to meet the modern access solutions demands. Constructed with a 3 mm thick nickel silver, the key is designed to keep its structural integrity and withstand prolonged use. Furthermore, it is compatible with the standard in-line key cutting machinery.



Exclusive Privileges:

Exclusivity is granted to authorised dealers and locksmiths, reinforced by a unique combination of profile and side pins (Operating on C – 3, D – 4, E – 5 codes). 2 Master keying suites of 3 service profiles are available, each under a master key.

A master keying system may be generated from the these systems combined with unique combination of side pins. A key with the wrong Twin profile cannot even be inserted. A key with the wrong side code cannot release the side bar. For a key to open a lock, it must have the correct profile, side code and top code.

024 Profile with CEC Sidecode:

TWIN X® system currently utilizes the keyway 024 profile with the CEC sidebar as a Authorised system.

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Components

The Lockwood TWIN X® system is designed to cater to diverse customer requirements, offering flexibility and value across various channels.

TWIN X® components are available in multiple formats, including cylinder assemblies, cylinder kits, cylinder housings, key blanks, cut keys, barrels, pins, and other elements.

Cylinder assemblies are comprised of a fully built cylinder at our Oakleigh site, adhering to coding requirements.

Tailored to meet the unique needs of locksmiths and distributors, cylinder kits provide comprehensive solutions for keying projects. These kits include all components except for keying elements such as springs, top/bottom/master pins. This allows locksmiths and distributors the freedom to customise keying based on their specifications and assigned exclusivity.

Access to TWIN X® components is restricted to authorised dealers who have undergone a rigorous due diligence process. Only these authorised entities are eligible to utilise TWIN X® components. For instance, the distribution of Lockwood TWIN X® keys is exclusively entrusted to ASSA ABLOY Opening Solutions Australia or our elite authorised service centers. The side codes are precision-cut using specialised machinery at our Oakleigh facility, and access to this equipment is meticulously regulated by Assa Abloy.

Backwards Compatibility

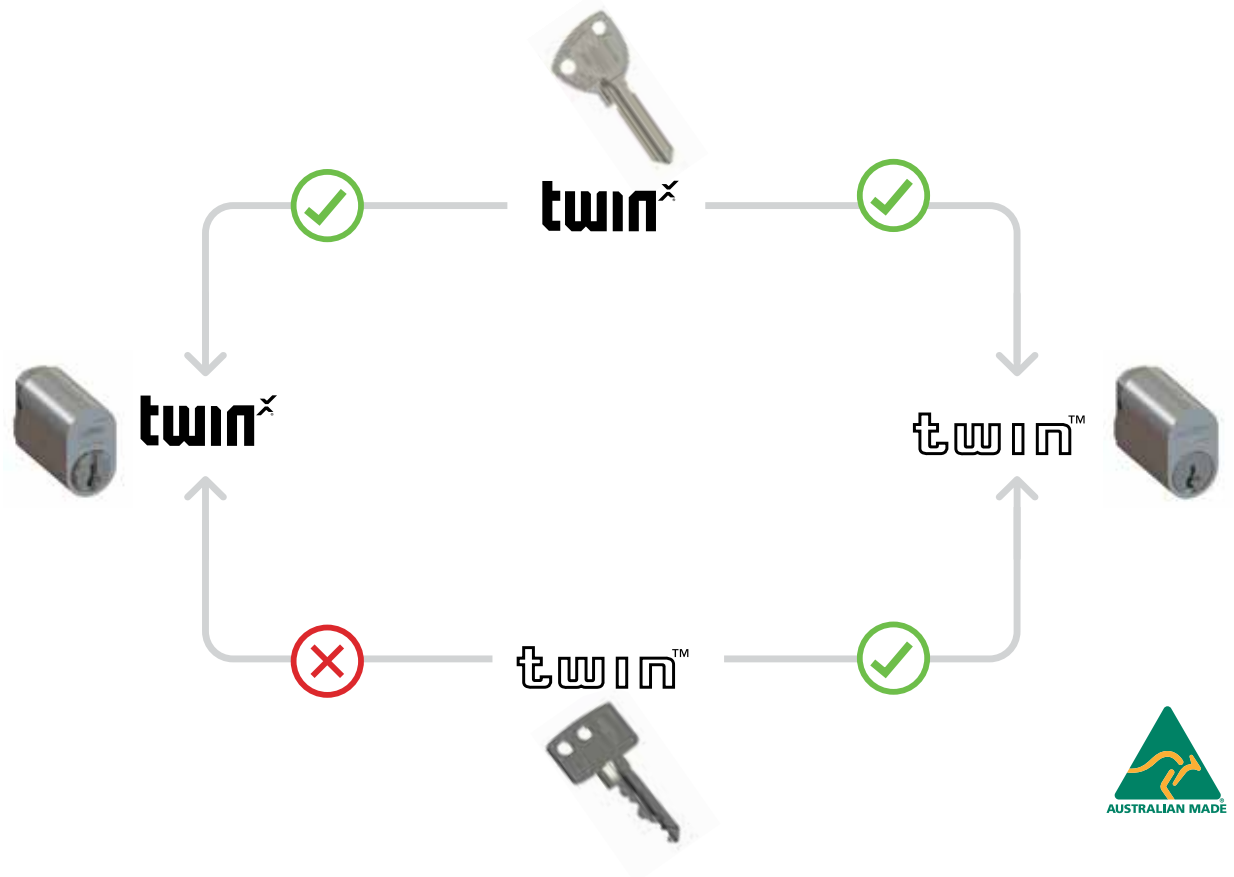
It is important to maintain support for existing systems, so locksmiths and end users are free to transition smoothly to the enhanced legal protection of Lockwood TWIN X® system.

Lockwood TWIN X® keys blanks will be supplied from launch and are backwards compatible with Lockwood Twin system.

Lockwood TWIN X® barrels will be available in parallel with Lockwood Twin system, to support existing systems.

The backward compatibility matrix illustrates that the TWIN X® Key blanks are compatible with both Twin and TWIN X® systems. However, Twin Key blanks are solely compatible with Twin barrels and not with TWIN X® barrels.

Backwards Compatibility



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Available Cylinder kits:

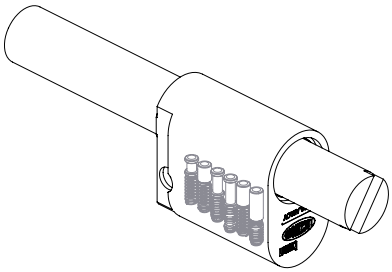
Description	Part Number
001 Internal Cylinder	001/T1X#KIT#
201 Rim Lock Cylinder	201/T1X#KIT#
570 Australian Oval Cylinder	570/T1X#KIT#
355 Internal Cylinder	355/T1X#KIT#
530 Key in Knob Cylinder	530/T1X#KIT#
3570 Left Hand Holdback Cylinder	3570LT1X#KIT#
3570 Right Hand Holdback Cylinder	3570RT1X#KIT#
577 Dual Access Lower Cylinder	577/T1X#KIT#
691 Cupboard Lock Cylinder	691CT1X#KIT#
8217 Astra Oval Cylinder	8217OT1X#KIT#
8466 Kawneer Cylinder	8466T1X#KIT#
8221 Key In Knob Cylinder	8221ET1X#KIT#
8474 Swing Lock Cylinder	8474T1X#KIT#
Lock It Well Round Cylinder	LIW/T1X#KIT#
670 Cam Lock	670/T1X#KIT#
334 Padlock Cylinder	334BT1X#KIT#

Description	Part Number
Euro Double Cylinder Lazy Cam	9888XKIT/#GD#
Euro Single Cylinder Lazy Cam	9888XKIT/#GE#
Euro Cylinder & Turn Lazy Cam	9888XKIT/#GT#
Euro Double Cylinder Fixed Cam	9888XKIT/#ND#
Euro Single Cylinder Fixed Cam	9888XKIT/#NE#
Euro Cylinder &Turn Fixed Cam	9888XKIT/#NT#
Euro Double Cylinder Fixed Cam	9888XKIT/#ND#
Euro Cylinder & Turn Geared Cam	9888XKIT/#UT#

"Please note that the provided list may not include certain cylinder kits with low sales volumes. For information regarding the availability of other kits, kindly reach out to your designated sales representative.

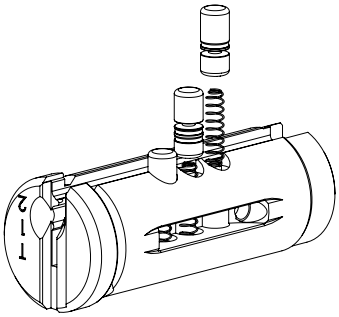
Assembly

This assembly instruction does not cover the cylinder charging process, as it is typically consistent across most in-line keying systems.



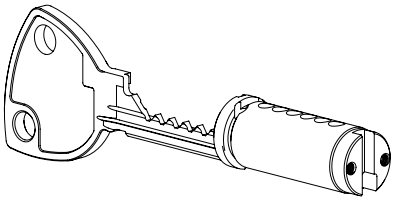
Step 1:

To ensure pins remain secure during loading, grip the barrel with the side containing three side pin chambers facing upward and load the two side pin springs. Then, load the side pin with the hollow side oriented toward the spring, allowing a section of the spring to slide into the hollow part of the side pin.



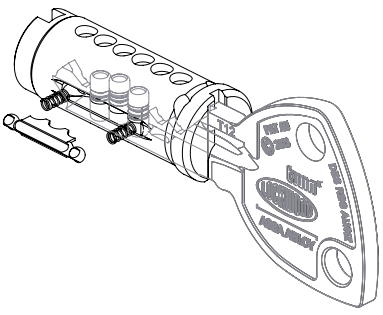
Step 2:

Insert the assembly key, which consists of all six cuts all set to their deepest depths. The specific assembly key used depends on the side pin code XXX. This assembly key serves to align the shear line of the side pins, allowing the side bar to smoothly engage with the shear line of all three side pins. This alignment prevents the side pins from dislodging during the loading of the bottom pins. An assembly key is also employed in instances where the cumulative length of bottom and master pins surpasses the chamber depths of a barrel upon the insertion of a bitted key.



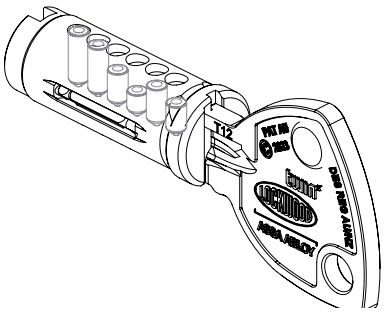
Step 3:

Insert the side bar spring and side bar; with the correct side-code assembly key in place, the side bar should slide smoothly into position. Secure the side bar to prevent dislodgement during the next assembly steps.



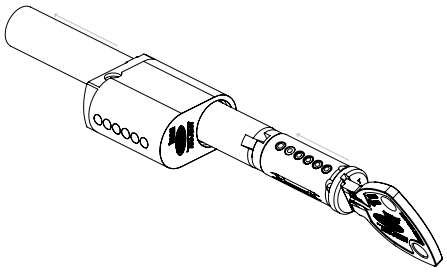
Step 4:

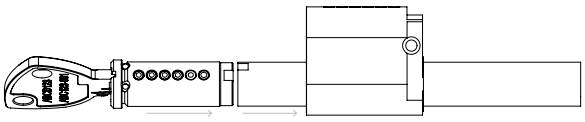
Rotate the barrel so the holes for the bottom pins are upright. Insert the bottom pins and master pins (if applicable).



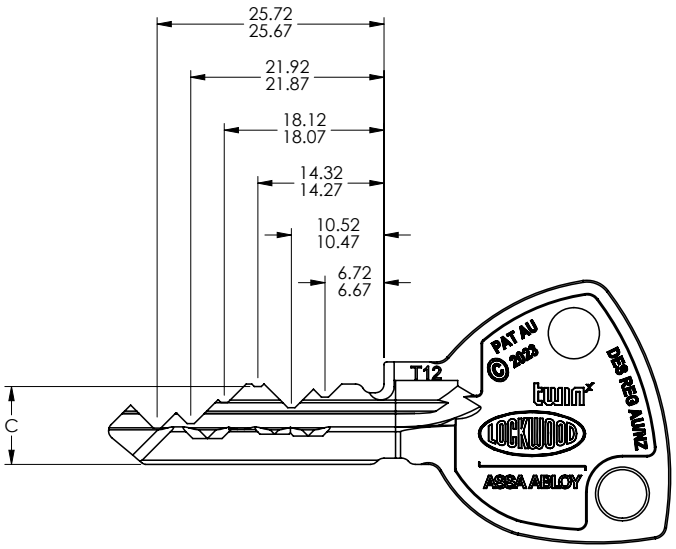
Step 5:

Hold the cylinder housing horizontally and insert the barrel. Once fully inserted, lubricate the barrel and test all the relevant keys for correct operation. Screw the appropriate cam type to the barrel and test the cylinder operation.



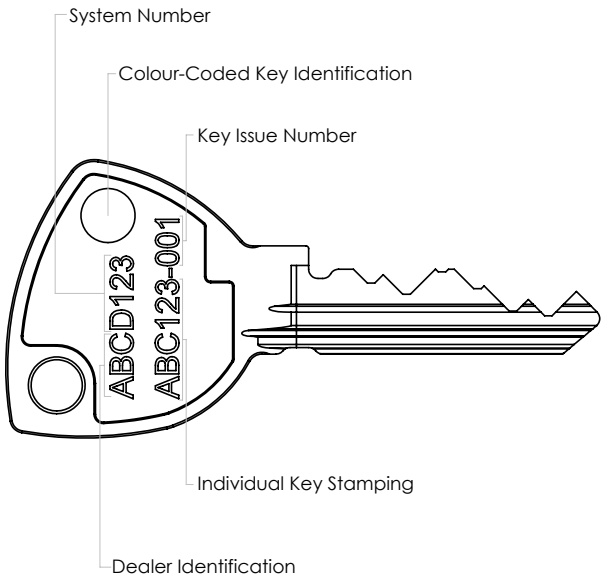


Key Data



WIDTH OF KEY AFTER CUTTING											
CUT	1	2	3	4	5	6	7	8	9	X	Y
"C"	8.83 8.79	8.23 8.19	7.63 7.59	7.03 6.99	6.43 6.39	5.83 5.79	5.23 5.19	4.63 4.59	4.03 3.99		
"D"			2.94 2.90	3.44 3.40	3.94 3.90	4.54 4.50				3.19 3.15	3.69 3.65

Key Stamping



Troubleshooting

Symptom	Cause
Key doesn't turn	Incorrect pins, coding or pin order Incorrect springs Incorrect key Incorrectly cut key (incorrect code or tolerances) Damaged key Foreign matter or swarf
Stiff key operation	Incorrect lubrication (or mixing of lubricants) Foreign matter or swarf

Maintenance Procedure

Lubrication

- Lubricate the cylinder assembly with Tri-Flow spray.
- Spray lubricant up the Barrel hole in the cylinder housing prior to assembly and down the barrel keyway after assembly.
- Operate the cylinder assembly three times to spread the lubricant and wipe the exterior of the cylinder clean of excess lubricant.

Never use oil based lubricants

Never paint over cylinders

Protect against dust and swarf

Assembly Testing

- Examine the entire assembly, focusing on the lever, screws, finish, stamping.
- Insert and withdraw the key three times consecutively to assess smoothness and proper engagement
- Hold the assembly upside down, insert the key and rotate it anticlockwise twice to evaluate mechanism.
- Test all keys in the cylinder assembly including Master key, service key, etc.

Special Keying Systems

Most Lockwood locks with pin tumbler cylinders are supplied individually keyed. To provide extra convenience and security, specially keyed systems have been developed to enable the customer to control those locks which an individual is authorised to operate.

A specially keyed system designed to meet your individual requirements can be included in the specification of a new building or can be gradually introduced into an existing complex as old locks are replaced.

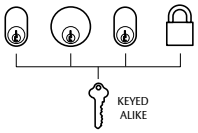
Specially keyed systems tend to grow as businesses grow. Therefore, align your keying needs with your projected growth.

Once you install a Lockwood specially keyed system, you open a permanent line of security. Our records enable duplicate keys or additional locks to be supplied with ease and accuracy, but only on receipt of an official order, with all special keying records kept in strictest confidence.

Keyed to Differ (KD)

With a keyed to differ system, each lock can only be opened by its own individual key. All Lockwood locks are supplied 'keyed to differ' unless a special keying system is requested.

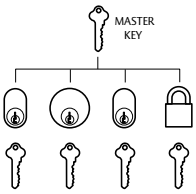
Keyed Alike System (KA)



This system allows for a number of locks to be operated by the same key, it is ideally suited to residential applications such as front and back doors. There is no limit to the number of locks which can be keyed alike.

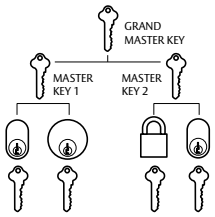
Master Keyed System (MK)

A Master Keyed System is one where each lock has its own individual key which will not operate any other lock in the system, but where all locks in the system can be operated by one master key.



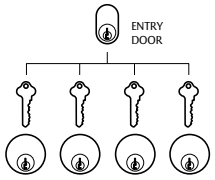
Grand Master Keyed System (GMK)

The Grand Master Keyed System is an extension of the Master Keyed System where each lock has its own individual key and the locks are divided into two or more groups. Each group of locks is operated by a master key and the entire system is operated by one grand master key.



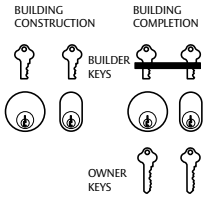
Maison Keyed System (MAIS)

This system is widely used in apartments, flats, office blocks, hotels and motels. Each apartment, flat or office has its own individual key which will not operate the lock to any other apartment, flat, hotel room or office but will operate the locks to communal entry doors and other services areas.

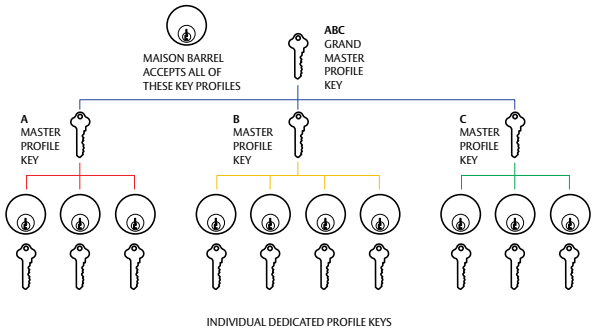


Construction Keyed System (CK)

A system where it is necessary for contractors to gain entry to a building during construction. Once construction is complete the owners keys will block further access by the contractors.



Multi-Element Profile Keying System (MEP)



A series of unique element key profiles where each element changes the overall shape of the profile. Each individual profile key will enter a dedicated keyway. The elements of some of these individual profiles in a group can be incorporated in one profile, resulting in a master profile key capable of entering all dedicated keyways in that group. Inclusion of all elements in the profile will result in a unique grand master profile capable of entering all corresponding individual keyways created by the elements in the series.

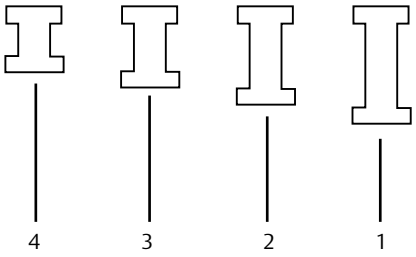
Coding Rules

There are general rules relating to Lockwood Twin keys and cylinders.

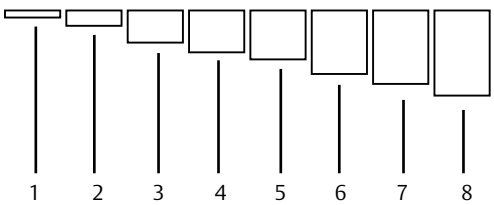
- Keys are cut from bow to tip with depths of 1 to 9 (1 being the shallowest).
- 90 degree included angle.
- Maximum Adjacent Cut Specification (MACS) = 5. (1-6 is acceptable, 1-7 is not).
- Bottom pins numbered 1 to 9 (1 = shortest pin, 9 = longest pin).
- Master pins numbered 1 to 8 (1 = shortest pin, 8 = longest pin).
- The 4 lengths of top pins are matched to the combined length of the bottom pin and master pin in a given pin chamber. Addition of the bottom pin and master pin number must never exceed 9 and is matched to the top pin as shown below.
  Top pin no.1 – Combined pin value 1 or 2
  Top pin no.2 – Combined pin value 3 or 4
  Top pin no.3 – Combined pin value 5 or 6
  Top pin no.4 – Combined pin value 7, 8 or 9
- Single step master-keying possible (0.60 mm increments).

Pin Tumbler System

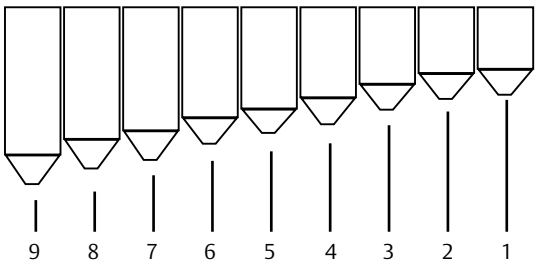
Top Pins



Master Pins



Bottom Pins



Master Keying Capabilities of Lockwood Twin

Lockwood Twin offers single step progression for master key systems. All lock manufacturers observe the industry standard requirement of a minimum 0.58mm for one step increments in order to prevent unwanted interchange in master key systems. This restricts other lock manufacturers to two step increments.

Example 1: shows a standard two step progression for a master key system.

Master key cuts	258 369
Change key cuts in last three positions	581
	703
	925

continuing this progression will give a theoretical 64 combinations then progressing first three positions

	407
	692
	814

will give a theoretical 64 x 64 = 4,096 combinations

If we consider that there is a MACS of 7, this system would yield approximately 3,000 usable combinations.

Considering Lockwood Twin's 0.60 mm step increments, its nine depths of cut in six positions offers considerably more theoretic and usable combinations than any other pin/tumbler manufacturer on the market today.

Example 2: shows Lockwood Twin single step progressions.

Master key cuts	12 69 58
Change key cuts in six positions	23 71 69
	34 82 71
	45 93 82
	56 14 93

If we were progressing on the last two positions we would get a theoretic 64 codes.

If we now progress in the centre positions we get 64 x 64 = 4,096 theoretic codes.

So we have already matched the total available in example 1.

Lockwood Twin still has two more positions to progress. When we do we get 64 x 64 x 64 = 262,144 theoretic codes.

With a MACS of 5 we lose about half our theoretic total but still yield about 150,000 usable change key combinations under a single master key.

Other examples of the coding capacity of Lockwood Twin are:

- A grand master key system with 250 master key groups each of which can have up to 250 individual change key combinations.
- A great grand master key system with 30 Grand master keys, each of which can have up to 30 master keys with 30 change key combinations.
- A great grand master key system with six grand master keys, each of which can have up to 250 master keys with 30 change key combinations.
- A great grand master key system with six Grand master keys, each of which can have up to 30 master keys with 250 change key combinations.

All manner of other keying combinations within these guidelines are available dependant on customer requirements.

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Top Pin Usage

There are 4 lengths of Spool Pins and 4 equivalent lengths of Standard Top Pins.

In any cylinder assembly, 3 Spool Pins and 3 Standard Top Pins must be used. These must be positioned randomly in the six pin chambers.

Standard Top Pin Usage (570, 201, 9888, 8466)

Combined master pin and bottom pin length of 1, 2 & 3	=	Spool Pin 1 or Standard Top Pin 1
Combined master pin and bottom pin length of 4 & 5	=	Spool Pin 2 or Standard Top Pin 2
Combined master pin and bottom pin length of 6 & 7	=	Spool Pin 3 or Standard Top Pin 3
Combined master pin and bottom pin length of 8 & 9	=	Spool Pin 4 or Standard Top Pin 4

Exceptions (001, 355, 530)

Bottom pin length of 1	=	Spool Pin 1 or Standard Top Pin 1
Combined master pin and bottom pin length of 2 & 3	=	Spool Pin 2 or Standard Top Pin 2
Combined master pin and bottom pin length of 4 & 5	=	Spool Pin 3 or Standard Top Pin 3
Combined master pin and bottom pin length of 6, 7 & 8	=	Spool Pin 4 or Standard Top Pin 4
Combined master pin and bottom pin length of 9	=	Master Pin 6

Exceptions (8221 Key in knob cylinder)

Combined master pin and bottom pin length of 1 & 2	=	Spool Pin 1 or Standard Top Pin 1
Combined master pin and bottom pin length of 3 & 4	=	Spool Pin 2 or Standard Top Pin 2
Combined master pin and bottom pin length of 5 & 6	=	Spool Pin 3 or Standard Top Pin 3
Combined master pin and bottom pin length of 7	=	Spool Pin 4 or Standard Top Pin 4
Combined master pin and bottom pin length of 8	=	Master Pin 6
Combined master pin and bottom pin length of 9	=	Master Pin 5

Exceptions (691)

Bottom pin length of 1	=	Spool Pin 2 or Standard Top Pin 2
Combined master pin and bottom pin length of 2 & 3	=	Spool Pin 3 or Standard Top Pin 3
Combined master pin and bottom pin length of 4 & 5	=	Spool Pin 4 or Standard Top Pin 4
Combined master pin and bottom pin length of 6	=	Master Pin 5
Combined master pin and bottom pin length of 7	=	Master Pin 4
Combined master pin and bottom pin length of 8	=	Master Pin 3
Combined master pin and bottom pin length of 9	=	Master Pin 2

Exceptions (Lock-It-Well (570-8437) and 670)

Bottom pin length of 1	=	Hollow Master Top Pin 9 & 570-8366 spring
Combined master pin and bottom pin length of 2	=	Hollow Master Top Pin 8 & 570-8366 spring
Combined master pin and bottom pin length of 3	=	Hollow Master Top Pin 7 & 570-8366 spring
Combined master pin and bottom pin length of 4	=	Hollow Master Top Pin 6 & 570-8366 spring
Combined master pin and bottom pin length of 5	=	Hollow Master Top Pin 5 & 570-8366 spring
Combined master pin and bottom pin length of 6	=	Hollow Master Top Pin 4 & 570-8366 spring
Combined master pin and bottom pin length of 7	=	Hollow Master Top Pin 3 & 570-8366 spring
Combined master pin and bottom pin length of 8	=	Hollow Master Top Pin 2 & 570-8366 spring
Combined master pin and bottom pin length of 9	=	Remove pins from system

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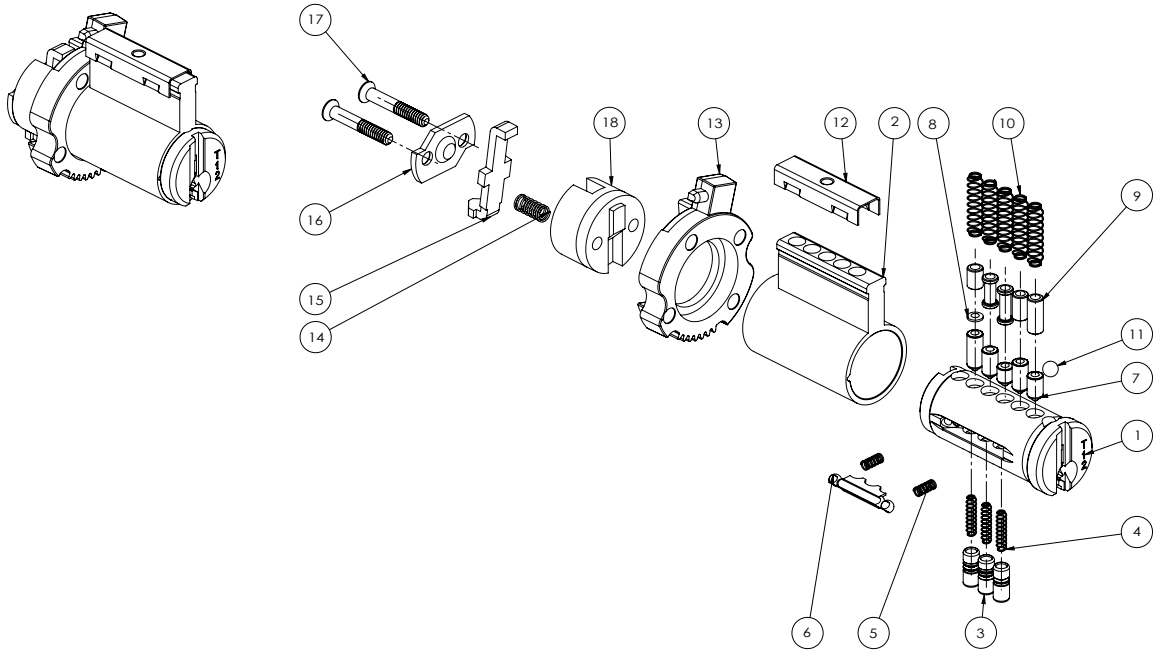
001 – Internal Cylinder

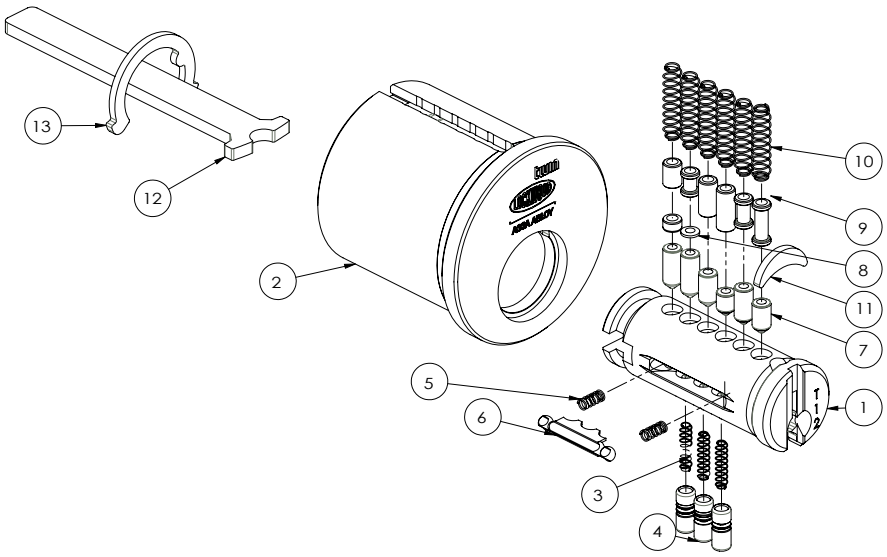


Ref.	Part Number	Description
1	BDT1X8221xxx0SC	8221 Barrel TWIN X, XXX, SC
2	CET18221NMS	8221 Cyl. Housing Twin, MS
3	CCT18067PCN	Side Pin Spring, Twin
	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
4	CCT18069PCN	Side Pin Spring
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	SP001 – 317	5-Pin Sealing Clip
13	SP001-3060	001 Locking Cam Indi-catorl
14	SP001 – 3096	001 Kick-off Lever Spring
15	SP001 – 3090	001 Kick-off Lever
16	SP001 – 3097	001 Kick-off Lever retainer plate
17	SP001 – 3093	Barrel Adaptor Screw

Note:

- Please specify profile code EG. XXX = 012

201 – Round Cylinder



Ref.	Part Number	Description
1	BDT1X201/xxx0SB	201 Barrel TWIN X, XXX, SC
2	CRT1201/NSC	201 Cylinder Housing Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
	CCT18068PMN	Sidebar Spring, Twin
5	CCT18018PTN	Sidebar, Twin
6	CCT18021PCN	Bottom Pin 1, Twin
7	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
	CCT18041PCN	Master Pin 1, Twin

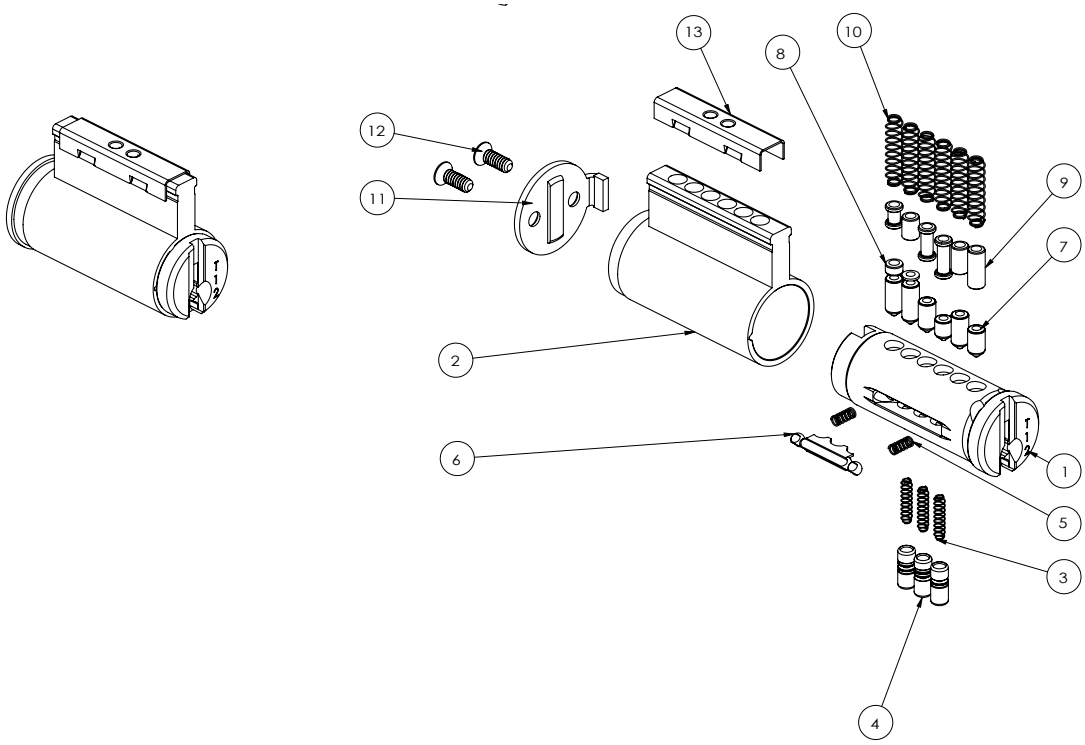
Ref.	Part Number	Description
8	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
	CCT18334PCN	Top Pin 1, Twin
9	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CMT5/AP	Anti Drill Plate
12	SP201-38	201 Connecting bar
13	SP201-112	201 Retainer clip

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

355 – Internal Cylinder



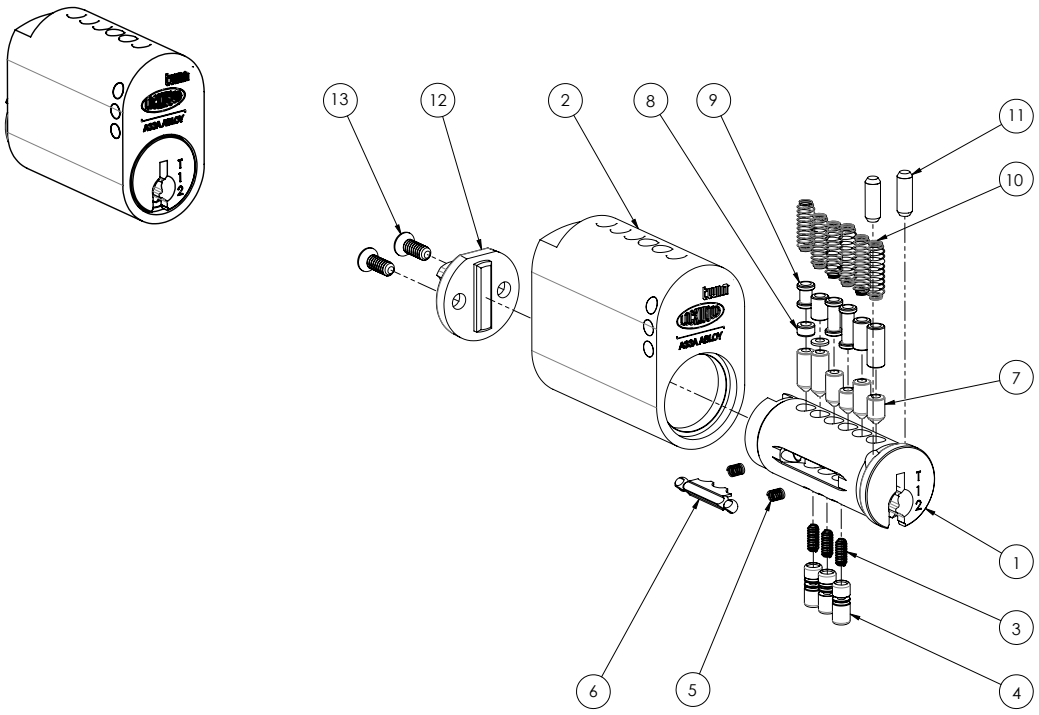
Ref.	Part Number	Description
1	BDT1X570/xxx0SC	570 Barrel TWIN X, XXX, SC
2	CET1355/NMS	355 Cylinder Housing Twin, MS
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin

Ref.	Part Number	Description
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP355-118	355 Barrel Lever
12	SPWS801-1-2-2A	Barrel Lever Ret. Screw
13	SP530-317SS	Sealing clip 6 Pin

Note:

- Please specify profile code EG. XXX = 012

577 – Dual Access Dual Cylinder



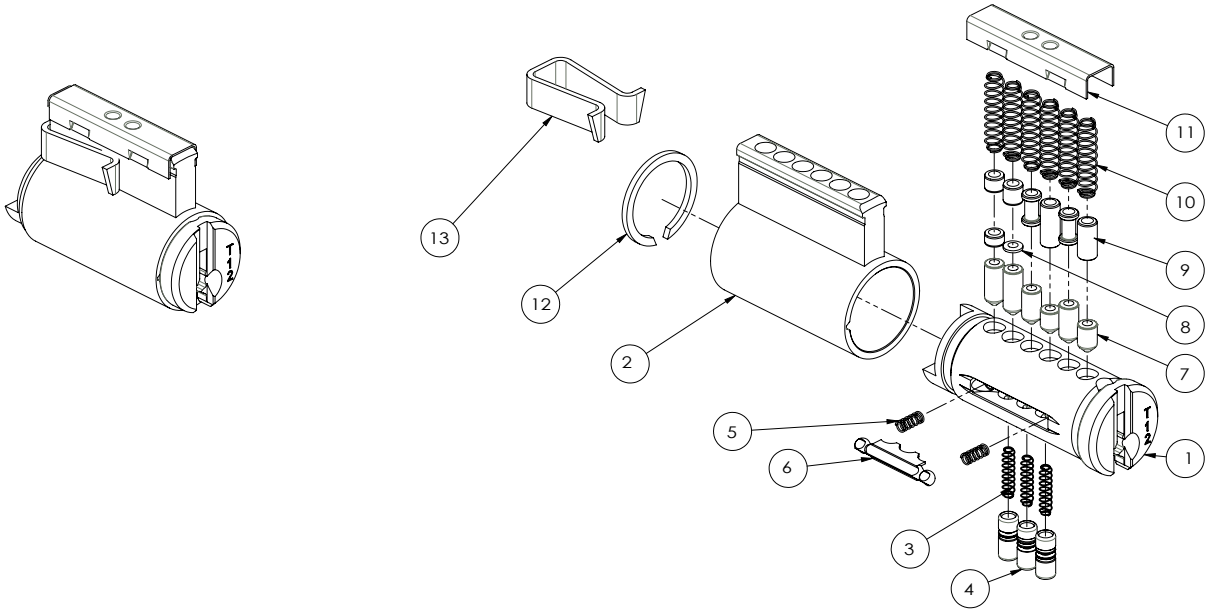
Ref.	Part Number	Description
1	BDT1X570/xxx0SC	570 Barrel TWIN X, XXX, SC
2	COT1577/NSC	577 Lower Cyl. Housing Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin

Ref.	Part Number	Description
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP570/8227	Anti Drill Pin
12	SP3B77-018	Dual Cyl. spindle
13	SPWS801-1-2-2A	Barrel Lever Ret. Screw

Note:

- Please specify profile code EG. XXX = 012

530 – Extruded External & Internal Cylinder



Ref.	Part Number	Description
1	BDT1X530/xxx0SC	530 Barrel TWIN X, XXX, SC
2	CET1530/NMS	530 Cyl. Housing Twin, MS
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

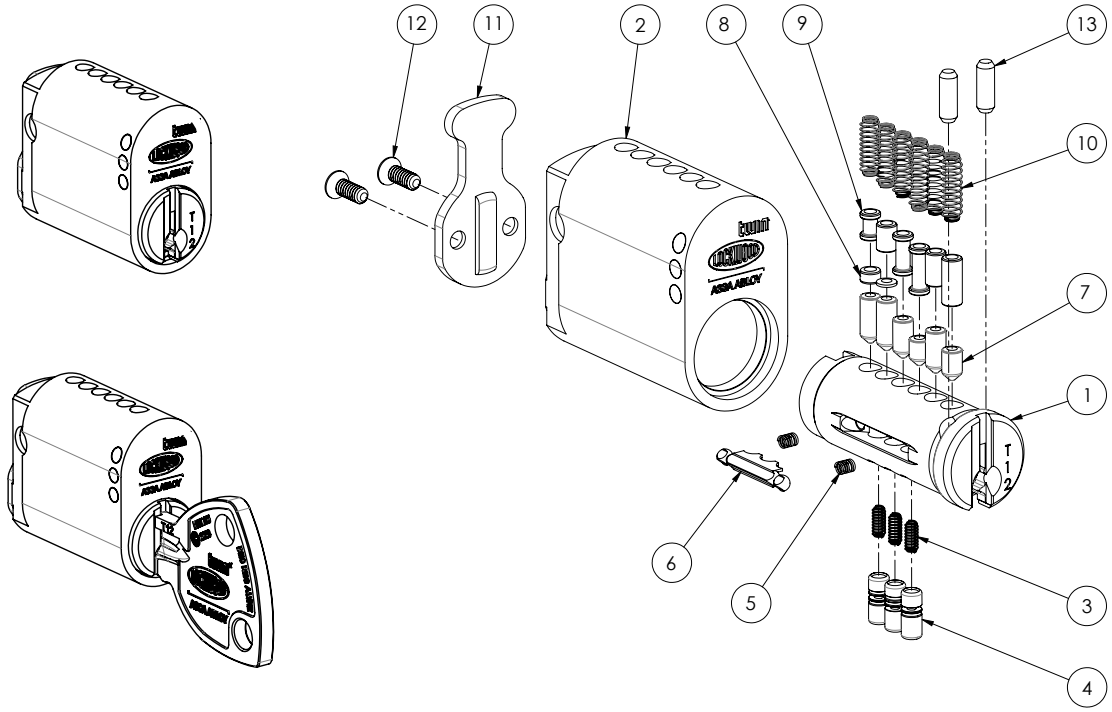
Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP570-317SS	Sealing Clip - 6 Pin
12	SP234-212	Circlip Phos. Bronze
13	SP530-4059ZP	Cylinder Locator

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

570 – Oval External & Internal Cylinder



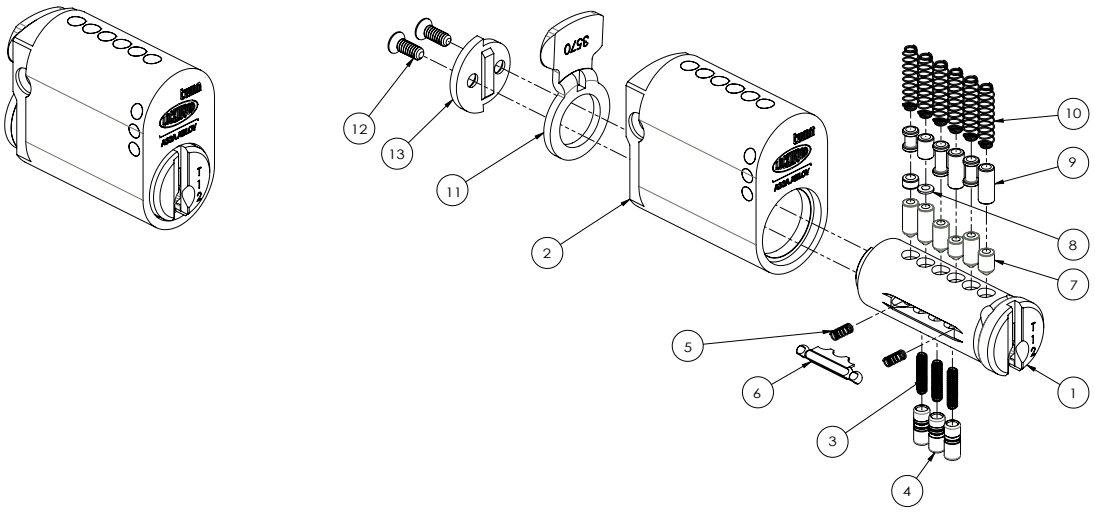
Ref.	Part Number	Description
1	BDT1X570/xxx0SC	570 Barrel TWIN X, XXX, SC
2	COT1570/NSC	570 Cyl. Housing Oval Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP570-18ZP	570 Barrel Lever "X"
	SP571-18ZP	570 Barrel Lever "Y"
	SP572-18ZP	570 Barrel Lever "Z"
	SP575-18ZP	570 Barrel Lever "W"
12	SPWS801-1-2-2A	Barrel Lever Ret. Screw
13	SP570/8227	Anti Drill Pin

Note:

- Please specify profile code EG. XXX = 012

3570 – Left Hand Holdback Cylinder



Ref.	Part Number	Description
1	BDT1X3570xxx0SC	3570 Barrel TWIN X, XXX, SC
2	COT13570NSC	3570 Cyl. Housing Oval Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

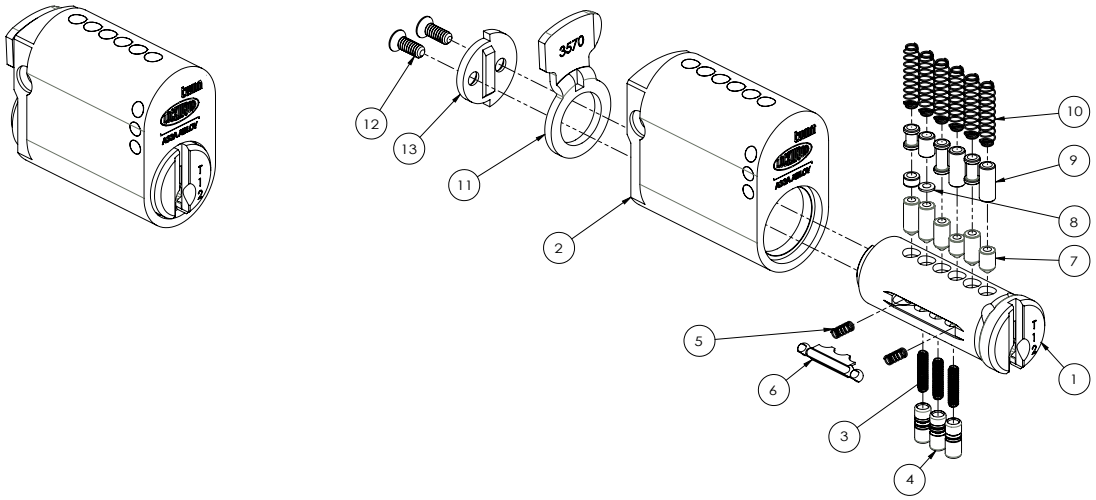
Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP3570-5625	H/B Lever Light Hand
12	SPWS801-1-2-2A	Barrel Lever Ret. Screw
13	SP3570-5118	570 H/B Retainer plate

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

3570 – Right Hand Holdback Cylinder



Ref.	Part Number	Description
1	BDT1X3570xxx0SC	3570 Barrel TWIN X, XXX, SC
2	COT13570NSC	3570 Cyl. Housing Oval Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

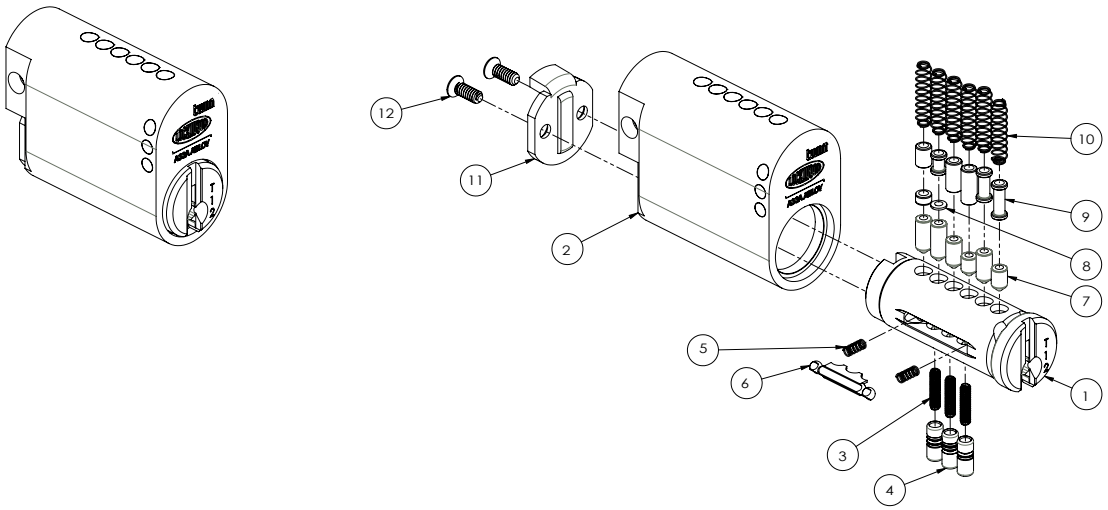
Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP3570-5125	H/B Lever Right Hand
12	SPWS801-1-2-2A	Barrel Lever Ret. Screw
13	SP3570-5118	570 H/B Retainer plate

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

8217 – Oval Cylinder (Astra)



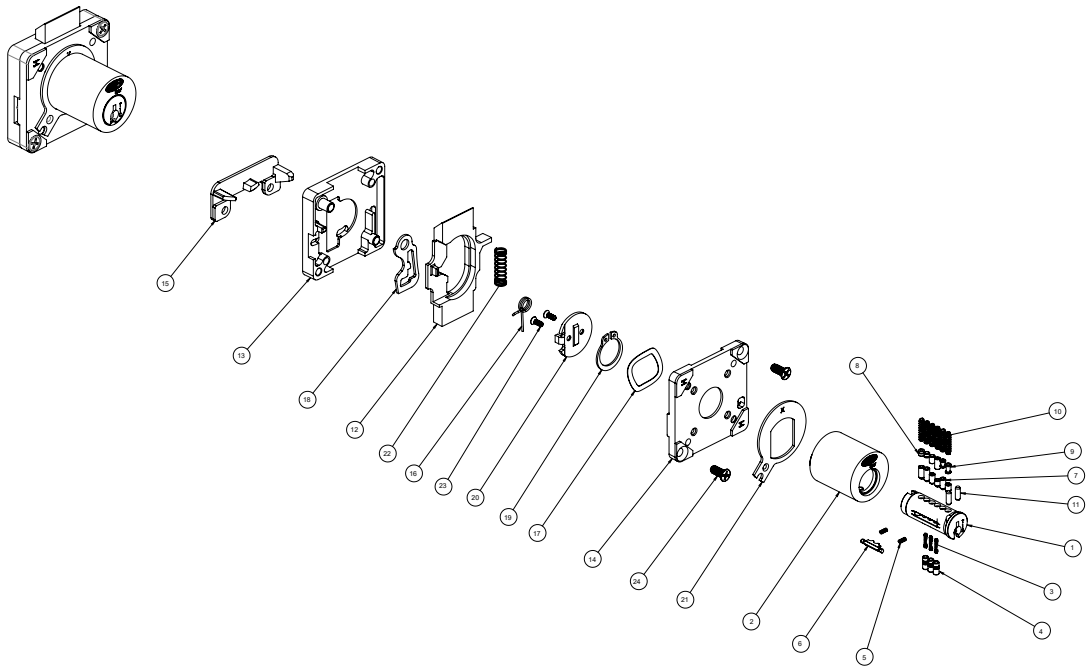
Ref.	Part Number	Description
1	BDT1X570/xxx0SC	570 Barrel TWIN X, XXX, CP
2	CRT18217NSC	8217 Cyl. Housing Rnd Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP8217-218	Barrel Lever Astra
12	SPWS801-1-2-2A	Barrel Lever Ret. Screw

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

693 –Cupboard Lock A Configuration



Ref.	Part Number	Description
1	BDT1X570xxx0SC	8218 Barrel TWIN X, XXX, SC
2	CRT1691/NSC	691 Cyl. Housing Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
5	CCT18055PCN	Side Pin 5, Twin
6	CCT18068PCN	Sidebar Spring, Twin
7	CCT18018PXS	Sidebar, Twin
	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
8	CCT18029PCN	Bottom Pin 9, Twin
	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin

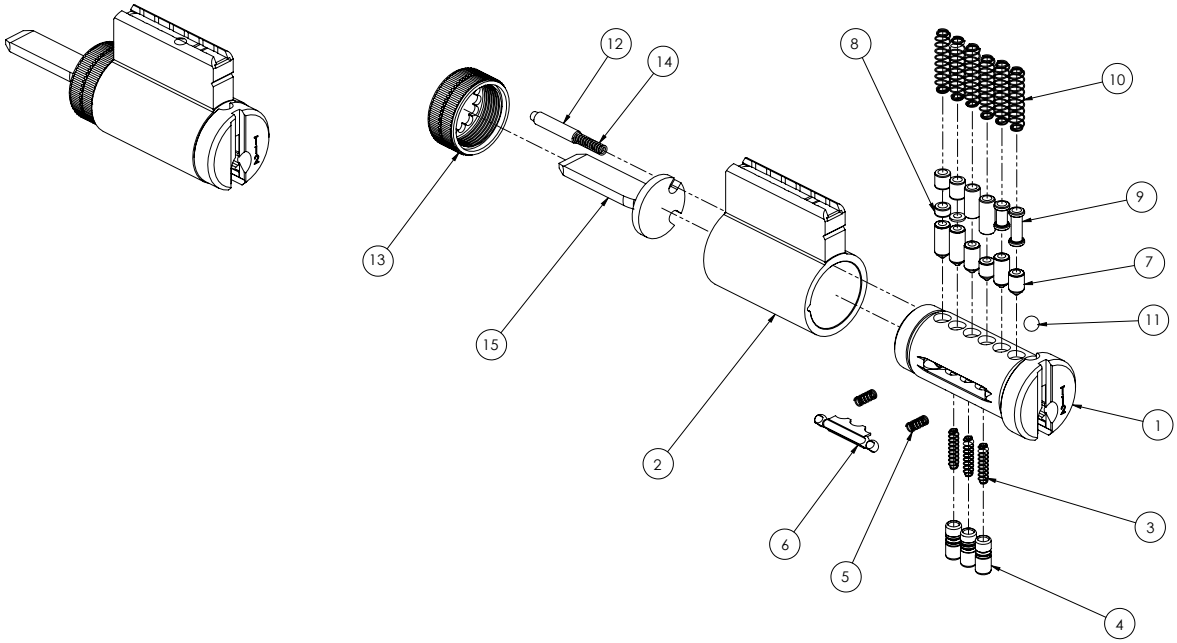
Ref.	Part Number	Description
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
9	CCT18048PCN	Master Pin 8, Twin
	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP570/8227	Anti Drill Pin
12	Non Sellable Part	Dual bolt Casting
13	Non Sellable Part	Case Casting
14	Non Sellable Part	Black Plate Casting
15	Non Sellable Part	Insert- Dual Function selector
16	Non Sellable Part	Lever Spring
17	Non Sellable Part	Wave Washer
18	Non Sellable Part	Locking Lever
19	Non Sellable Part	Circlip and N1400/0062
20	SP691-15ZP	Barrel Lever
21	Non Sellable part	Cylinder Index plate
22	SP691-27	Latch Spring
23	SPWS801-1-2-2A	Barrel Lever screw
24	Non Sellable Part	Screw

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

8221 - KNK (PD Type) Cylinder



Ref.	Part Number	Description
1	BDT1X8221xxxOSC	8221 Barrel TWIN X, XXX, SC
2	CET18221NMS	8221 Cyl. Housing Twin, MS
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PCN	Sidebar Spring, Twin
6	CCT18018PXS	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin

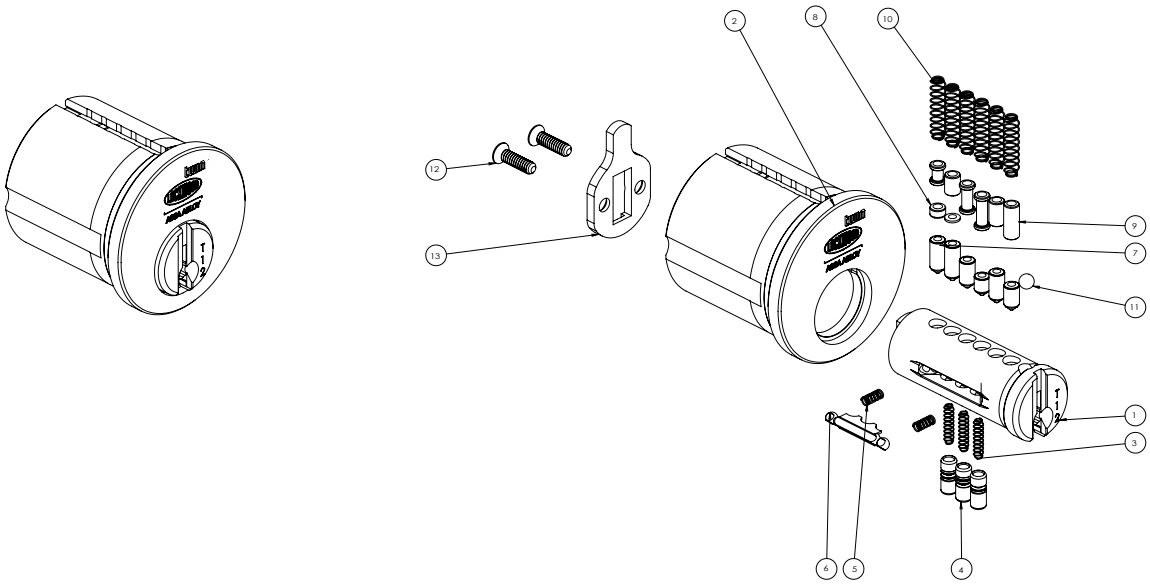
Ref.	Part Number	Description
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	SP8221-21	Retainer pin
13	SP8221-22	Threaded Ring
14	SP8221-23	Retainer Spring
15	SP8221-25	Tailbar

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

8466 Threaded Round Cylinder (Kawneer) Deadlatch



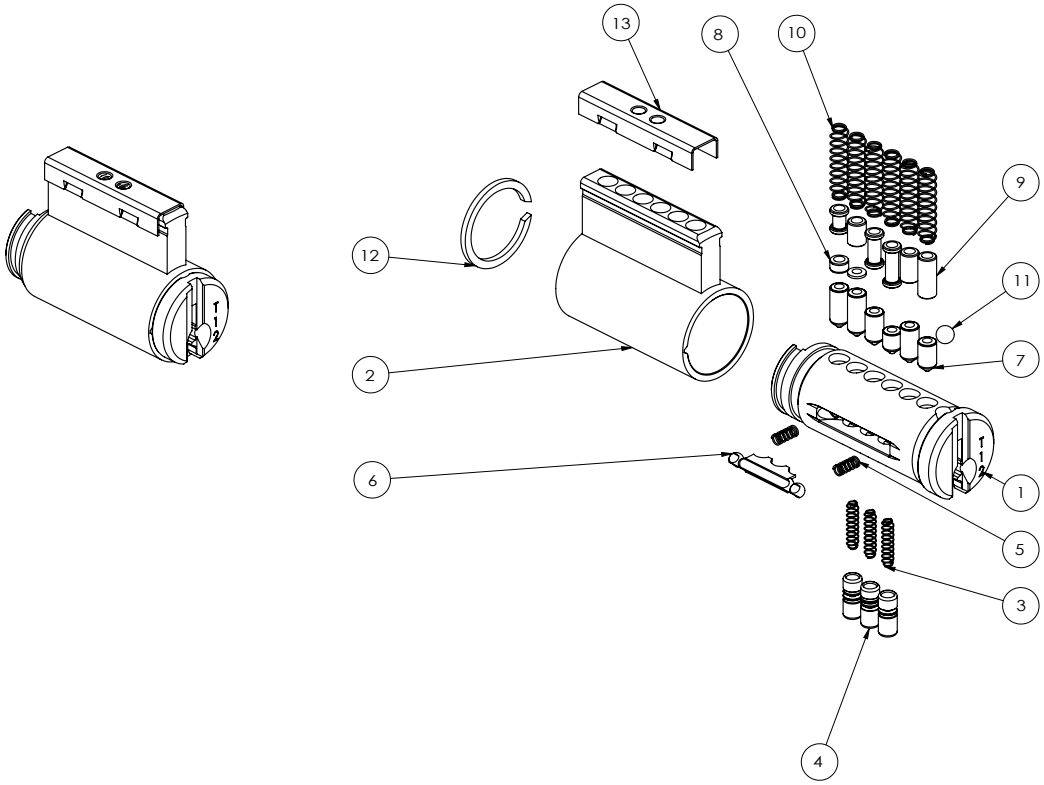
	Part Number	Description
1	BDT1X8218/xxx0SC	8218 Barrel TWIN X, XXX, SC
2	CRT18219NSC	8219 YALE Threaded cyl., SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PCN	Sidebar Spring, Twin
6	CCT18018PXS	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin

Ref.	Part Number	Description
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	SPWS801-1-2-2A	Barrel Lever Ret. Screw
13	SP8466-28	Barrel Lever

Note:

- Please specify profile code EG. XXX = 012

8474 Cylinder



Ref.	Part Number	Description
1	BDT1X8474xxx0SC	8474 Barrel TWIN X, XXX, SC
2	CET1530/WMS	530 Cyl. Housing Twin, MS
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PCN	Sidebar Spring, Twin
6	CCT18018PXS	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin

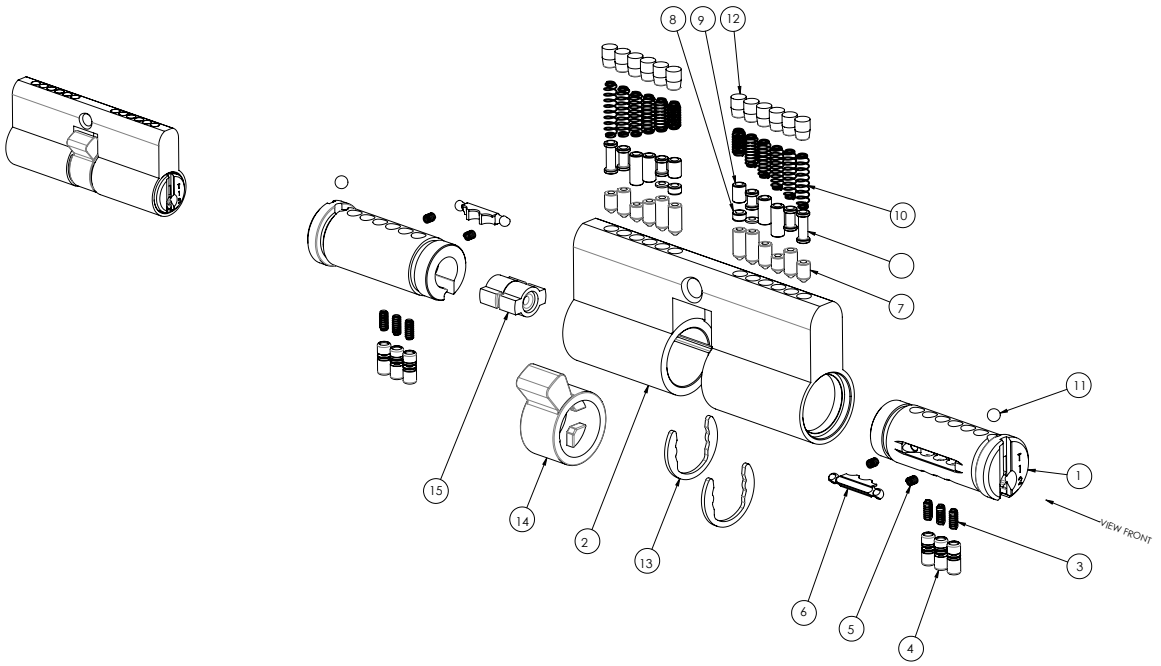
Ref.	Part Number	Description
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	SP234-212	Circlip

Note:

- Please specify profile code EG. XXX = 012

TWIN X® Technical Reference Manual

9888 – Euro Profile Cyl. & Turn Right Hand Lazy Cam



Ref.	Part Number	Description
1	BDT1X98881/xxxOSC	570 Barrel Twin, XXX, SC
2	CRT10000NSC	10000 Cyl. Housing Rnd Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PCN	Sidebar Spring, Twin
6	CCT18018PXS	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	Non Sellable Part	Locking Lever Cam Pin Spring
13	Non Sellable Part	Circlip
14	Non Sellable Part	Lazy Cam
15	Non Sellable Part	Turn Knob

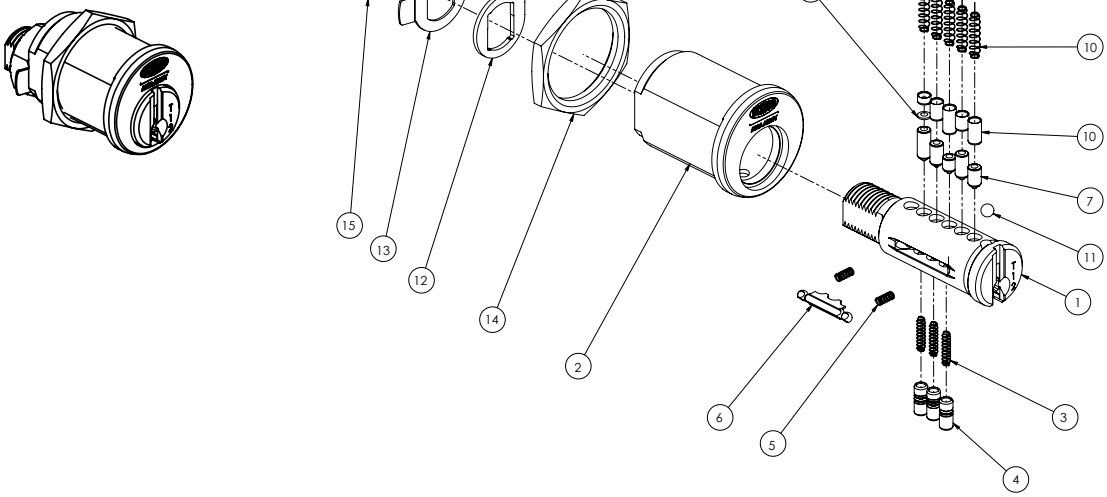
Note:

- Please specify profile code EG. XXX = 012

- Euro profile cylinders come in different in various combinations and configurations ranging from single, double cylinder, turn knob with fixed, right hand or left hand lazy cam, etc. For a comprehensive list of options and availability, please consult your designated sales representative.

TWIN X® Technical Reference Manual

670 Cam Lock



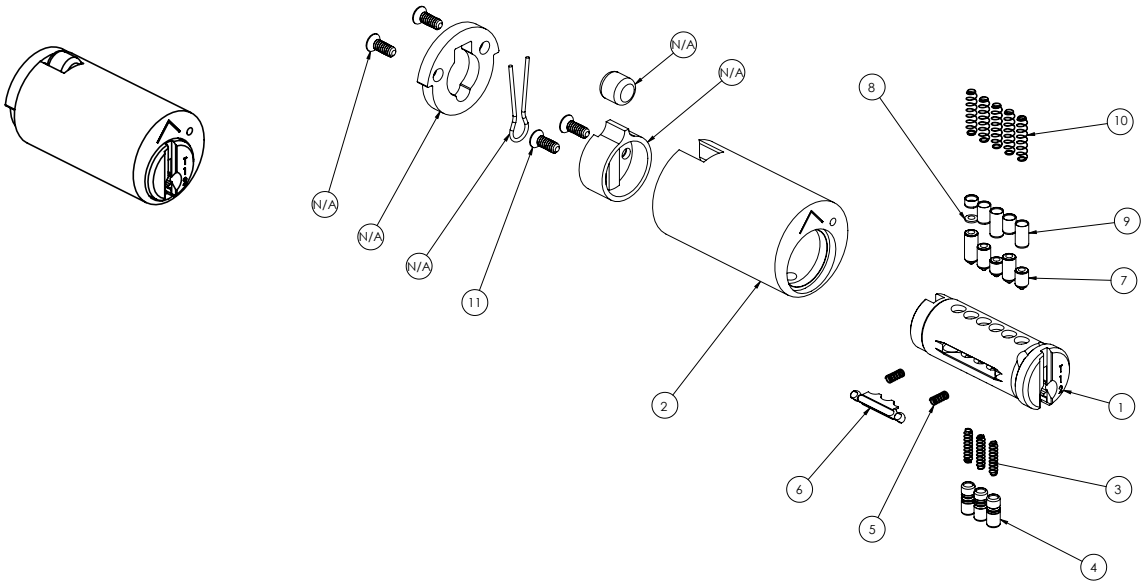
Ref.	Part Number	Description
1	CTT1X670/xx0SC	670 cam lock barrel TWIN X, XXX, SC
2	CTT1670/NSC	670 camLock Cyl. Housing Twin, SC
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PCN	Sidebar Spring, Twin
6	CCT18018PXS	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	CCT1670-14	90 degree stop washer
13	CCT1670-15	Nut retaining spring washer
14	CCT1670-16	Nut - M22 x 1
15	CCT1670-17	Nut - M11 x 1

Note:

- Please specify profile code EG. XXX = 012

Lock-It-Well Cylinder



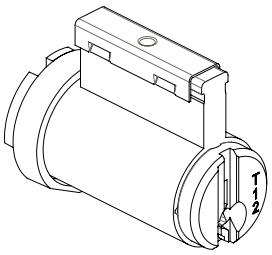
Ref.	Part Number	Description
1	BDT1X570/xxx0SC	570 Barrel TWIN X, XXX, SC
2	CET1X/LIW	Lock-It-Well Cylinder Housing
3	CCT18069PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SPWS801-1-2-2SS	Cam Screws

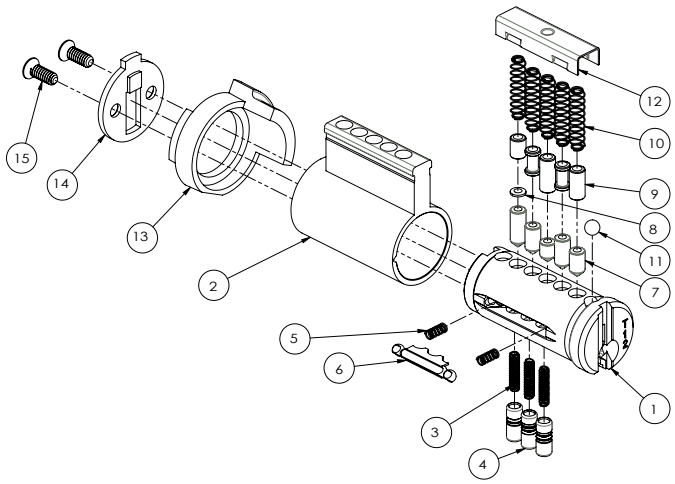
Note:

- Please specify profile code EG. XXX = 012
- Components marked N/A are supplied by Lock-It-Well

TWIN X® Technical Reference Manual

680 Patio Bolt Cylinder





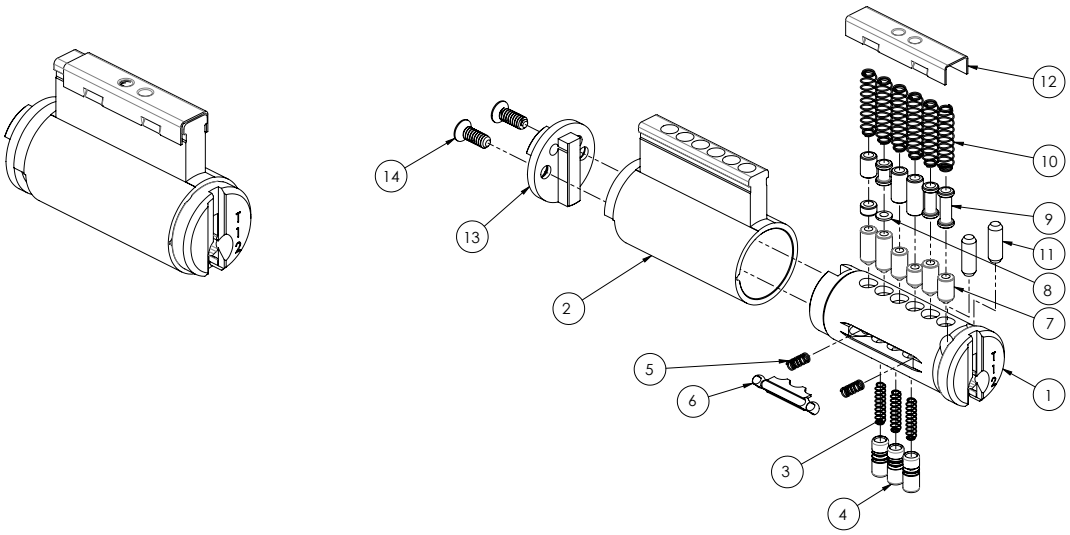
Ref.	Part Number	Description
1	BDT1X001/XXXXSC	TWIN X 001 Internal Barrel, XXX, SC
2	CTT1001/NMS	001 Internal Cylinder housing
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	CCT18133PCS	Anti Drill Ball, Twin
12	SP001-317SS	Sealing Clip - 5 PIN
13	SP7075U	Locking Cam 680 P/BOLT
14	SP001-3418	Barrel Lever
15	SPWS801-1-2A	Barrel Lever Screw

Note:

- Please specify profile code EG. XXX = 012

334B cylinder



Ref.	Part Number	Description
1	BDT1X001/XXXXSC	TWIN X 001 Internal Barrel, XXX, SC
2	CTT1001/NMS	001 Internal Cylinder housing
3	CCT18067PCN	Side Pin Spring, Twin
4	CCT18053PCN	Side Pin 3, Twin
	CCT18054PCN	Side Pin 4, Twin
	CCT18055PCN	Side Pin 5, Twin
5	CCT18068PMN	Sidebar Spring, Twin
6	CCT18018PTN	Sidebar, Twin
7	CCT18021PCN	Bottom Pin 1, Twin
	CCT18022PCN	Bottom Pin 2, Twin
	CCT18023PCN	Bottom Pin 3, Twin
	CCT18024PCN	Bottom Pin 4, Twin
	CCT18025PCN	Bottom Pin 5, Twin
	CCT18026PCN	Bottom Pin 6, Twin
	CCT18027PCN	Bottom Pin 7, Twin
	CCT18028PCN	Bottom Pin 8, Twin
	CCT18029PCN	Bottom Pin 9, Twin
8	CCT18041PCN	Master Pin 1, Twin

Ref.	Part Number	Description
	CCT18042PCN	Master Pin 2, Twin
	CCT18043PCN	Master Pin 3, Twin
	CCT18044PCN	Master Pin 4, Twin
	CCT18045PCN	Master Pin 5, Twin
	CCT18046PCN	Master Pin 6, Twin
	CCT18047PCN	Master Pin 7, Twin
	CCT18048PCN	Master Pin 8, Twin
9	CCT18334PCN	Top Pin 1, Twin
	CCT18333PCN	Top Pin 2, Twin
	CCT18332PCN	Top Pin 3, Twin
	CCT18331PCN	Top Pin 4, Twin
10	CCT18066PMN	Top Pin Springs, Twin
11	SP570/8227	Anti Drill Pin
12	SP001-317SS	Sealing Clip - 5 PIN
13	SP334B-18	Barrel Adapter
14	SPWS801-1-2A	Barrel Lever Screw

Note:

- Please specify profile code EG. XXX = 012

- 334B cylinder assembly is used across range of padlocks available from Lockwood including Aluminum body , High security Brass Body, Steel Body, Stainless steel Body Padlocks, and more. For a comprehensive list of options and availability, please consult your designated sales representative.

When it comes to safety it's primal, it's our survival, a basic human need. We want freedom to live, explore and rest without fear. To leave behind in safety our precious, cherished and most valuable things. And to come back to them exactly as we left them.

For as long as we have valuables, we will always need protection. Though the need for our products is driven by concerns, the Belief in our Brand is propelled by confidence. An unquestioned confidence in our ability to protect what is most important to you.

Our products provide peace of mind through strength, substance and style. Our reputation is forged in traditions, supreme workmanship, uncompromised values and above all our people. We are a trusted, tireless and vigilant guardian that protects families, households, trades and businesses.

Because if feeling safe is a basic human need, knowing you're safe is why Lockwood exists. For over 75 years, our guiding principle is and will always be: To take the worry out of protecting what is valuable to you.

Lockwood: *no worries*®

Lockwood is the leading brand in the Australian locking industry. With an established reputation for high quality products, this iconic brand provides a wide range of locking solutions to residential housing, commercial building and industrial application markets. Lockwood is supported by an extensive distribution and after-sales support network. Our customers include retailers, architects, trade and industrial personnel, locksmiths and security dealers.

ASSA ABLOY is the global leader in door opening solutions, dedicated to satisfying end-user needs for security, safety and convenience.

ASSA ABLOY is represented in all major regions, in both mature and emerging markets, with leading positions in Australia, Europe and North America.

The Lockwood 25 Year Mechanical Warranty

Our belief that we manufacture the finest premium products available in today's market place is backed by the Lockwood 25 Year Mechanical Warranty, ensuring that Lockwood continues to keep Australians safe by delivering security and peace of mind.

For warranty terms and conditions, please visit **www.lockweb.com.au** or call 1300WARRANTY

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