

ABA UFO INTERNATIONAL CORP.

Safety & Security

ISO-9001 / CE / UL / RoHS

COMPANY

1983	ABA Locks Manufacturing was founded by Mr. Miko Lee and located at Tien Hsiang Road, Hsin Chuang City with 1080 square feet of office space. Including Mr. Lee there were only five employees. Major products included a variety of lock cylinders, cam locks and switch locks. The company is founded on the principals of designing innovative,high quality products at competitive prices.	1999	Factory in Shanghai, China is certified as an ISO-9002 manufacturer. And notebook/laptop lock is introduced with strong sales. May 2000 ABA moves to current location on Chung-Cheng Road, Hsin Chuang City.
1985	The company moves to larger facilities on Shung Fong Road, Hsin Chuang City with 2340 square feet in space with 16 employees. The company achieves high growth due to the expansion of the computer industry.	2001	ABA introduces the Viperlock high security auto steering wheel anti-theft device.
1988	ABA continues extraordinary growth and moves into 7200 square feet facility to meet the needs of customers. ABA continues to invest in research and development and secure 10 domestic and international patents. ABA expands product line to include locks for motorcycles, telephone equipment, vending machines and security systems.	2002	ABA builds up ERP system to improve company internal controls.
1993	ABA introduces the patented PAGODA pick proof locking system.	2003	ABA is going forward to the CRM (Customers Relationship Management) system and global service.
1994	ABA is certified as an ISO-9002 manufacturer.	2004	Break traditional design of "X-Lock" came into being.
1995	ABA assigns DIRAK as agent in Germany.	2005	ABA Interchangeable core system launch
1996	ABA introduces the patented ABACO Locks.	2007	ABA dimple key system launch
1997	ABA invests in additional branch and factory in Shanghai.	2011	<ul style="list-style-type: none"> ABA Electronic Cabinet Lock launch (#107450) ABA Code-back system launch(win the National Invention Award) ABA Join ALOA member (Associated Locksmiths of America)
		2014	ABA High Security Internal Wave Key Lock system launch
		2015	ABA ISO upgrades to ISO 9001: 2015



Business Philosophy

- Integrity
- Harmony
- Diligence and Positive
- Innovation and Action
- Open Minded

Quality Policy

- Cost Reduction
- Improvement Efficiency
- Quality Assurance
- Customer Satisfaction

Product Applications

- Enclosure
- Metal / Wooden Cabinet
- Safe and Vault
- Glass / Acrylic Showcase
- Locker
- Weapon Safety Devices
- Pay phone; Parking Meter; ATM
- Vending / Gaming Machine
- Machine and Equipment
- Laptop / Desktop Computer / PC Case
- Automobile ;Motorcycle; Bicycle
- Furniture
- Security Devices
- Doors

Product Lines

- Cam Lock
- Key Switch Lock
- Lock Cylinder & Plunger Lock Cylinder
- Security Locks for Desktop / Laptop
- Steering Wheel Lock
- Hardware Accessories
- E-Lock System
- Total Solution Service
- Tooling Die-Casting, Stamping Die, Metal / Plastic Injection Parts
- OEM/ODM Items

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101481



102200



110403



101230



103403



109429





101480



102400



103404

Cam Lock

Ticket Machine • Kiosk • ATM • Subway Gate



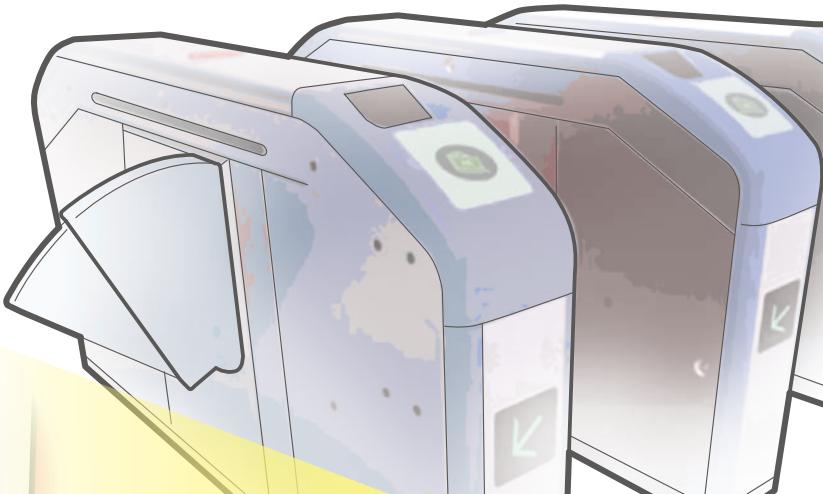
108418



104800



102410

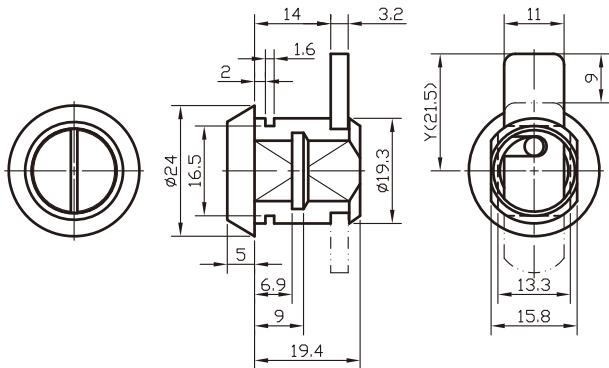


100756

Keyless Cam Lock (Coin Turn)



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Steel Cabinet, Cupboard, Drawer, Locker, Drawers, OA furniture, etc
- ◆ Accessory : C-Clip
- ◆ Feature / Strength :
 1. Keyless system. By using a slotted screwdriver or coin to open the lock



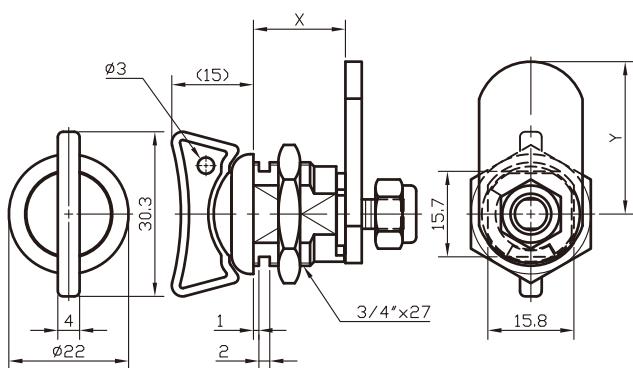
Item No.	Key Rotated Direction	Key Rotated Direction Fig	Y
10075600	A	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
			A

100781

Keyless Thumb Turn Cam Lock (Wing Handle)



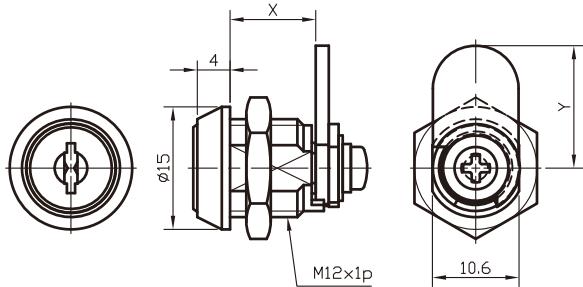
- ◆ Main Material : Zinc alloy housing and handle
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Wooden/metal Cabinet, Cupboard, Electronics Enclosures, Kiosk, Amusement machine, Lightbox billboard, Mail box, etc
- ◆ Accessory : Hex Nut or C-Clip, Cam, Nylon-Insert Nut, Nut & cam (Various specs cams available upon specification)
- ◆ Feature / Strength :
 1. Rotate the wing handle to lock and unlock



Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10078100	A	16.9	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
10078103	A	22.7		
10078104	A	29		
				A

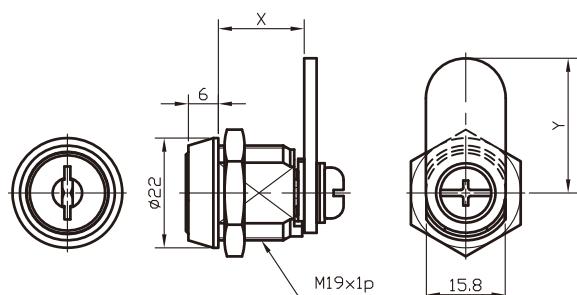
101230

High Security Pagoda Cylinder (Miniature)



101480

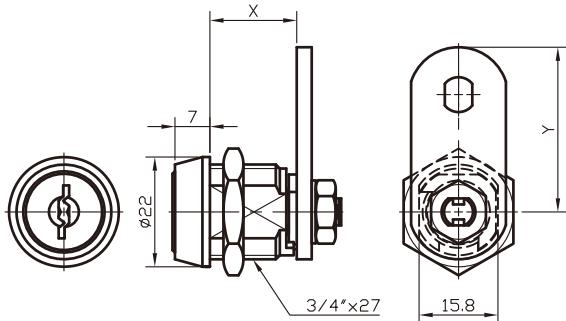
High Security Pagoda Cam Lock



Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10148012	A	17.2	↑ Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request
10148022	B or C			
10148013	E	23.2		
10148023	D			
10148014	E			
10148024	D	29.2		
				Installation Hole
				

101481

High Security Pagoda Cam Lock



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 10,000 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with nut fitting
- ◆ Feature / Strength :
 1. Master key system is available per request
 2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 3. Top security patented PAGODA system, with anti-picking function

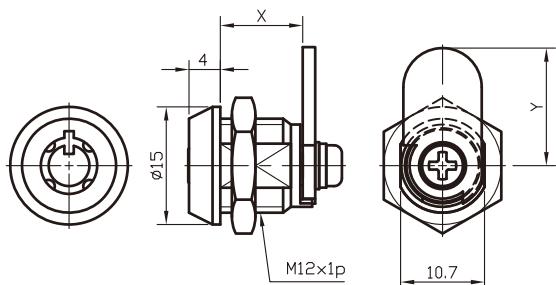
Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10148112	A or D	17.4	Key Pull ↑ Rotation ↗ Direction A	Various Sizes & Per customer request
10148122	B or C	23.4	Key Pull ↑ Rotation ↗ Direction B	Installation Hole
10148113	A or D			
10148123	B or C			
10148114	A or D	29.4		
10148124	B or C			

102200

Security Tubular Key Cam Lock (Miniature)



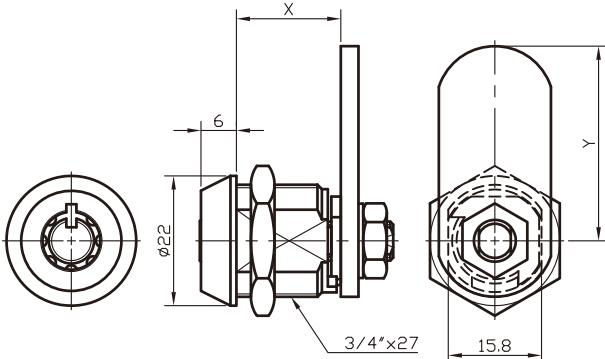
- ◆ Main Material : Housing & Barrel with Brass or Zinc Alloy
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 500 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification) The end barrel with screw fitting. (nut fitting is also available)
- ◆ Feature / Strength :
 1. 4-pin or 7-pin tubular mechanism
 2. Master key system is available per request function



Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10220012	A or D (Screw)	10.5	Key Pull ↑ Rotation ↗ Direction A	Various Sizes & Per customer request
10220022	B or C	10.5	Key Pull ↑ Rotation ↗ Direction B	Installation Hole
10220014	A (Screw)	13		
10220024	B or C	13		
10220012	A or D (Nut)	10.5		
10220022	B or C	10.5		
10220014	A (Nut)	13		
10220024	B or C	10.9		

102400

Security Tubular Key Cam Lock



- ◆ Main Material : Housing & Barrel with Brass or Zinc Alloy
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 10,000 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with nut fitting. (screw fitting is also available)
- ◆ Feature / Strength :
 1. Master key system is available per request
 2. Optional: 10-pin tubular mechanism for more key code combination changeable

Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10240011	A or E	12.5	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request
10240021	B or C or D	17.7		Installation Hole
10240012	A or E			
10240022	B or C or D			
10240013	A or E	22.7		
10240023	B or C or D			
10240014	A or E	29		
10240024	B or C or D			

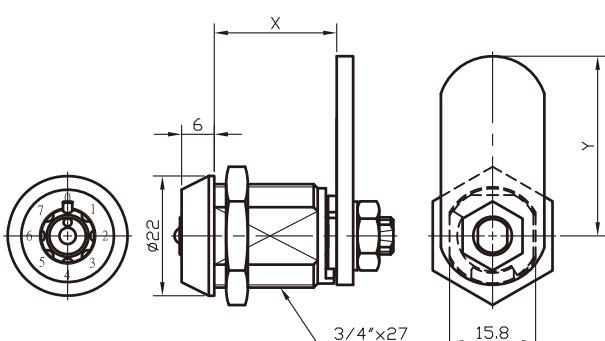
Cam Lock

102402

Security Tubular Magic Cam Lock (8-Change System)



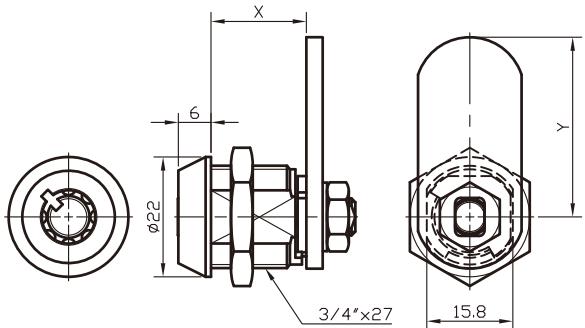
- ◆ Main Material : Housing & Barrel with Zinc Alloy
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Tool box, Lightbox billboard, Subway gate, Control boxes, Elevator as well as locker applications, cabinets, lockers, storage, etc. - anywhere needing flexibility of key code change for various users
- ◆ Combination : 8 Code changeable
- ◆ Accessory : Nut & cam (Various specs cams available upon specification)
- ◆ Feature / Strength :
 1. Each lock set comes with 8 operating keys + 1 change key
 2. Lock face with Red dot index, indicating Pre-set number
 3. Change Key only adjust key combination, operating keys for locking/unlocking
 4. The change key can also be rekeyed to all the locks in a system without removing and reassembling the locks
 5. Locks can be KA or KD, either to your existing code or new code



Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10240212	A	17.5	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request
10240213	A	22.5		Installation Hole
10240214	A	29		

102410

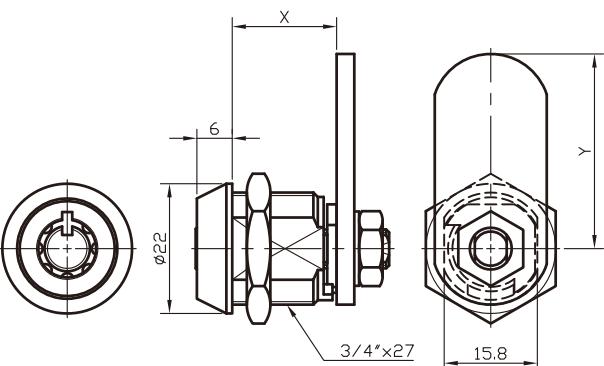
High Security ABACO Tubular Cam Lock

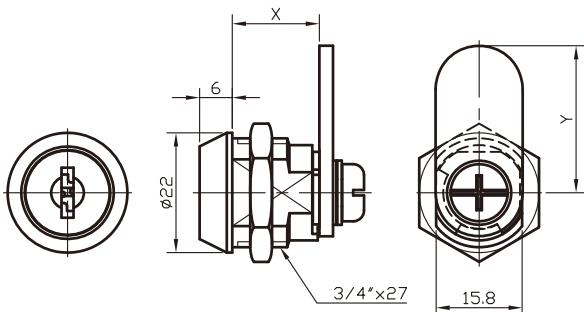


Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10241012	A or B	17.5	Key Pull ↑ Rotation ↘ Direction	Various Sizes & Per customer request
10241022	C			
10241013	A or B	22.5		Installation Hole
10241023	C			
10241014	A or B	29		
10241024	C			
			 A B C	

102430

Interchangeable Core - Tubular Key Cam Lock

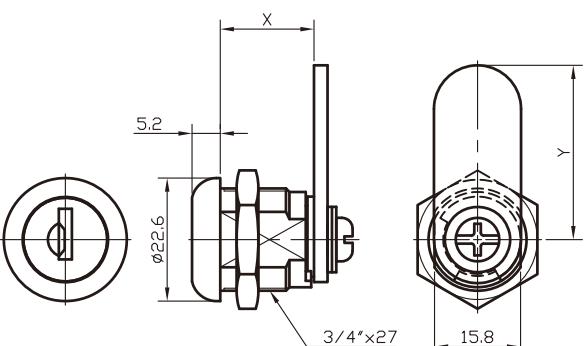


103403**Flat Key Wafer Cam Lock**

- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 150 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification) The end barrel with screw fitting
- ◆ Feature / Strength :
 1. Double-sided keyway
 2. Master key system is available per request

Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10340312	A	16	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
10340322	B or C	22		
10340313	A			
10340323	B or C			
10340314	A	29		
10340324	B or C			

A B C

103404**Flat Key Wafer Cam Lock (Dust Proof)**

- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 150 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with screw fitting
- ◆ Feature / Strength :
 1. Lock head added with Stainless Steel cap and anti-dust shutter
 2. Master key system is available per request

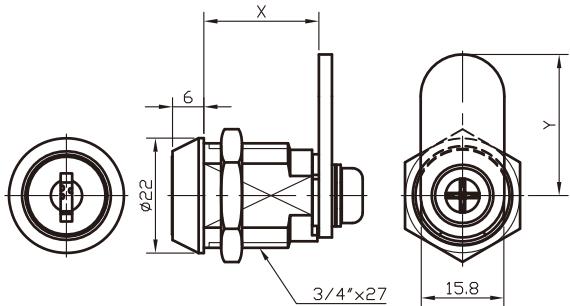
Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10340412	A	17.2	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
10340422	B or C			
10340432	D			

A B C D

Cam Lock

103409

Interchangeable Core - Flat Key Cam Lock



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Typical applications for the range include metal/wooden cabinets, boxes, lockers which used for office buildings, Universities, Apartments, Perimeter, Doors, Schools and Hospitals
- ◆ Combination : Over 800 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with screw fitting
- ◆ Feature / Strength :
 1. Interchangeable Core
 2. Master key system is available per request
 3. Easy operate change-core to save your labor & whole lock cost when need to replace a new lock

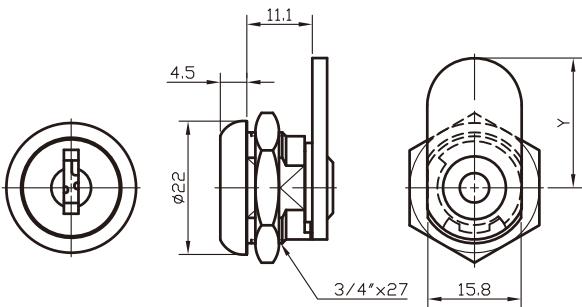
Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10340913	A	22	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
				A
				16
				61φ

103496

Flat Key Wafer Cam Lock



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 100 key combinations
- ◆ Accessory : Nut & clip or cam. Cam prefixed



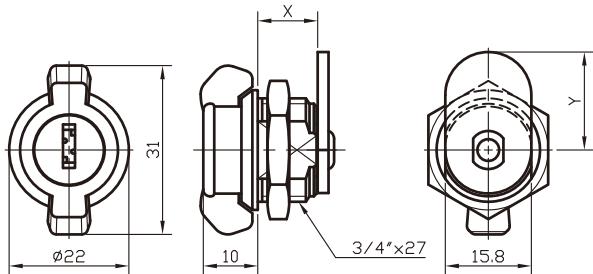
Item No.	Key Rotated Direction	Key Rotated Direction Fig	Y
10349610	A	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
10349620	B		
			A
			B
			16
			61φ

103716

Flat Key Wafer Cam Lock (Wing Latch)



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Application : Metal/Wooden Cabinets, Server cabinet, Industrial Computer, Locker, Tool box, Machine and Equipment, etc
 - ◆ Combination : over 10 combinations
 - ◆ Accessory : Nut & cam, Cam prefixed



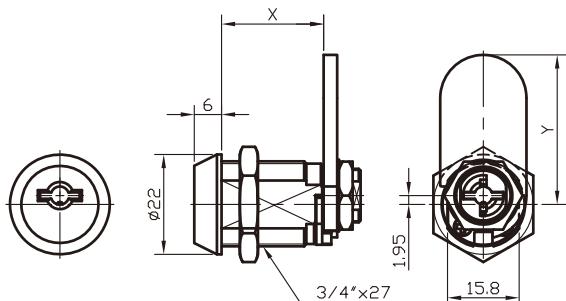
104411

High Security Flat Key Pin Tumbler Lock



- ◆ Main Material : Brass or Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome/Nickel plated
 - ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, Parking meter, Access door, etc
 - ◆ Combination : Over 50,000 combinations
 - ◆ Accessory : Nut & cam (Various specs cams available upon specification)
 - ◆ Feature / Strength :
 1. High security cylinder system, with anti-picking, anti-drilling function as well as anti-jam of special keyway

1. High security cylinder system, with anti-picking, anti-drilling function as well as anti-jam of special keyway

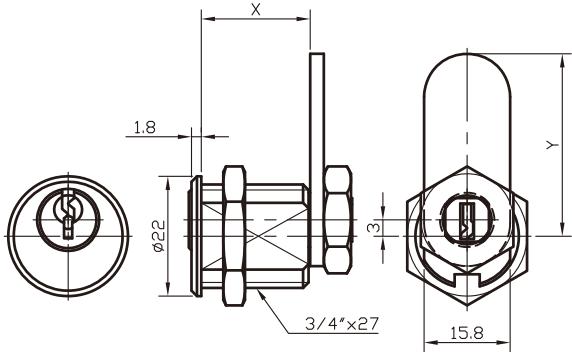


104800

Flat Key Pin - Tumbler Cam Lock



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Wooden Door, Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 10 Key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with nut fitting



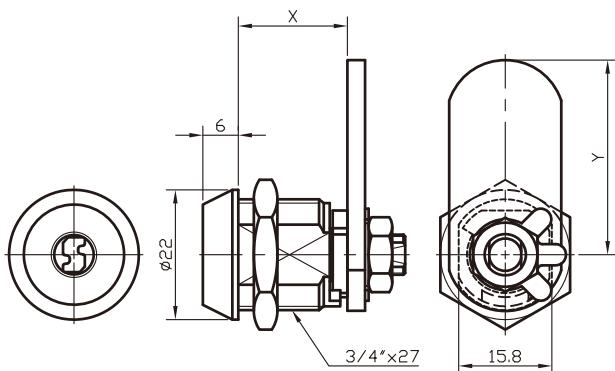
Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10480010	A	20	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
				A
				16
				61φ

108418

High Security Finland Lock



- ◆ Main Material : Zinc alloy or brass housing & zinc alloy barrel
- ◆ Finish : Bright Chrome/Nickel plated
- ◆ Application : Metal/Non-Metal Wooden Door, Cabinet, Vault/Safe, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Subway gate, Vending Machine, Amusement machine, Kiosk, Coin Operated Machine, etc
- ◆ Combination : Over 500 key combinations
- ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with nut fitting
- ◆ Feature / Strength :
 1. Master key system is available per request



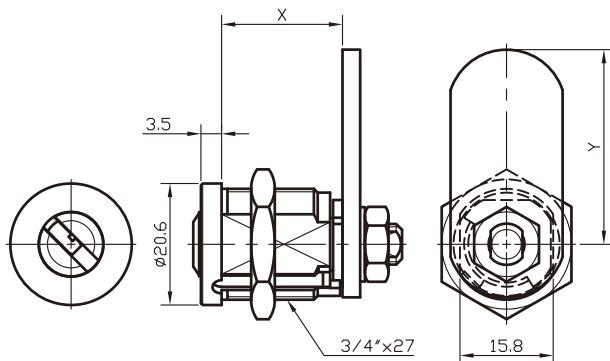
Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
10841812	A	18.5	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request Installation Hole
10841813	A	23.5		
				A
				16
				61φ

109429

High Security Dimple Key Lock



- ◆ Main Material : Brass or zinc alloy housing & zinc alloy Barrel
 - ◆ Finish : Bright Chrome/Nickel plated
 - ◆ Application : Metal/Non-Metal Wooden Door, Cabinet, Vault/Safe, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Subway gate, ATM, Vending Machine, Amusement machine, Kiosk, Coin Operated Machine, etc
 - ◆ Combination : Over 10,000 key combinations
 - ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with nut fitting
Optional accessory : Security metal collar



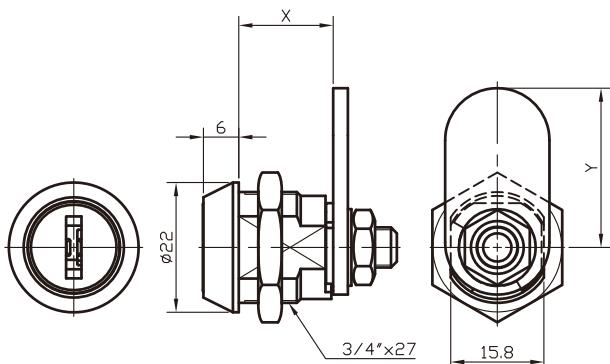
Cam Lock

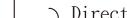
110403

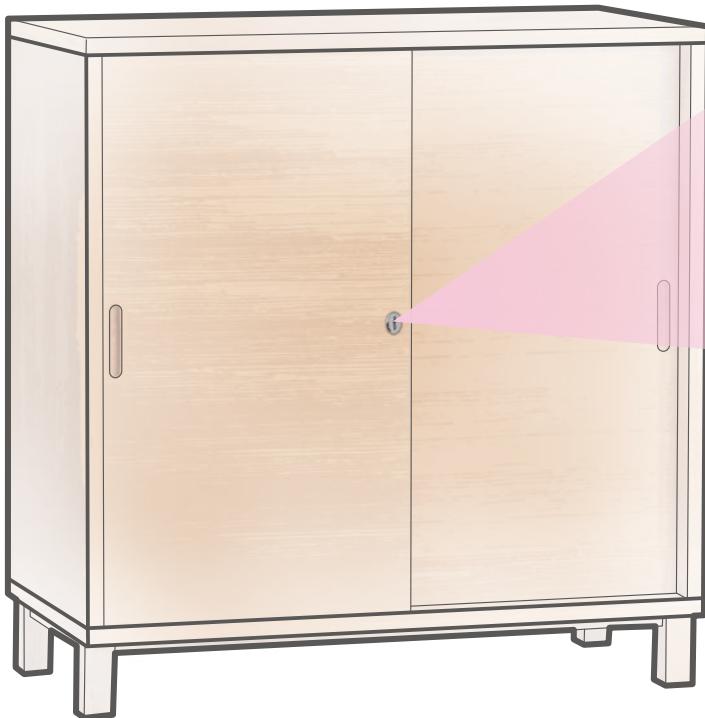
High Security Internal Wave Key Lock



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome/Nickel plated
 - ◆ Application : Metal/Non-Metal Cabinet, Cupboard, Drawer, Locker, Tool box, Cash box, Lightbox billboard, Mail box, Public pay phone, Subway gate, Gun safe, Safe box, Security chest, Amusement machine, Vending machine, ATM machine, Kiosk, Coin Operated Machine, etc
 - ◆ Combination : Over 5,000 key combinations
 - ◆ Accessory : Nut & cam (Various specs cams available upon specification). The end barrel with nut fitting
 - ◆ Feature / Strength :
 1. High security, more combination codes changeable than traditional wafer locks
 2. Unique keyway, not duplicable from public
 3. Master key system is available per request

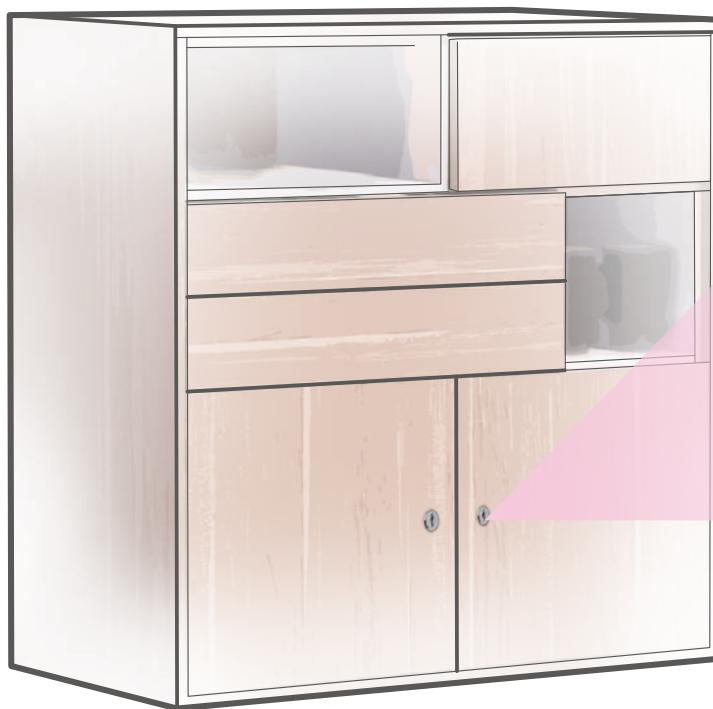


Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Y
11040312	A	16	↑ Key Pull ↓ Rotation ↗ Direction	Various Sizes & Per customer request
11040322	B or C			
11040313	A	22		
11040323	B or C			
11040314	A	29		
11040324	B or C			
			 A B C	 16 19

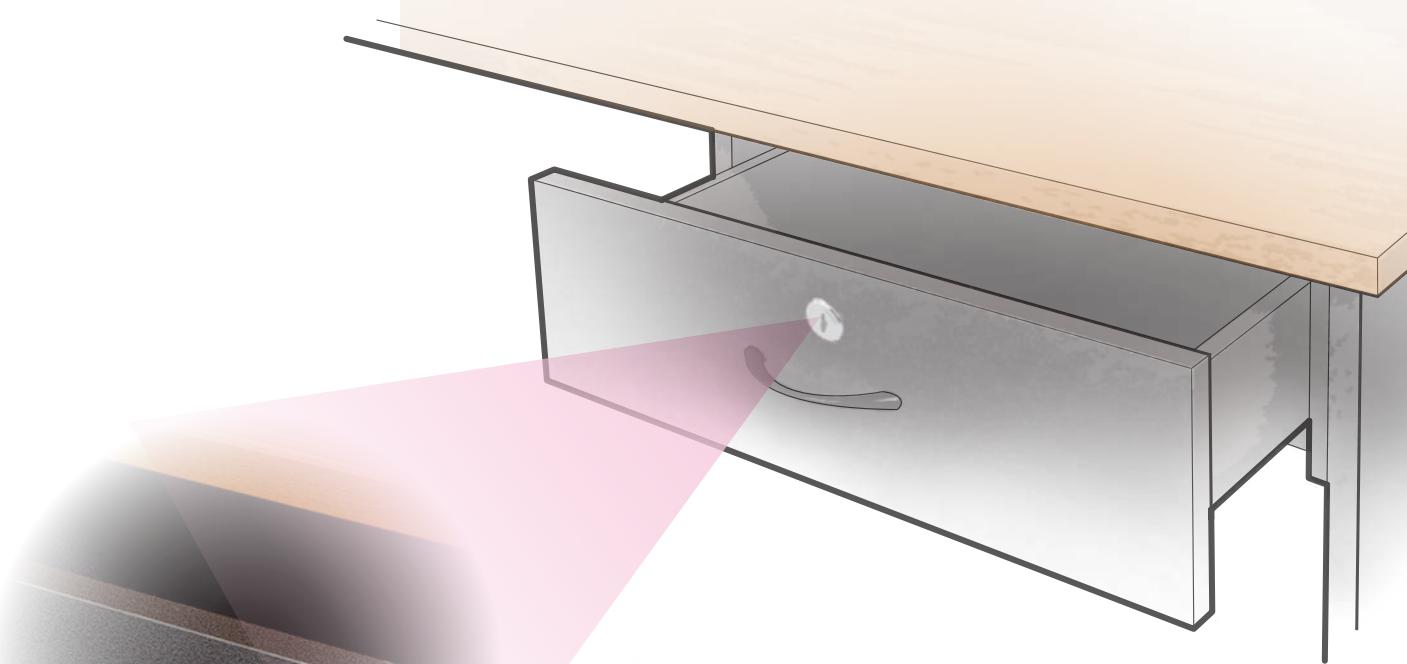


101774

Furniture Lock



101775



101772



103777

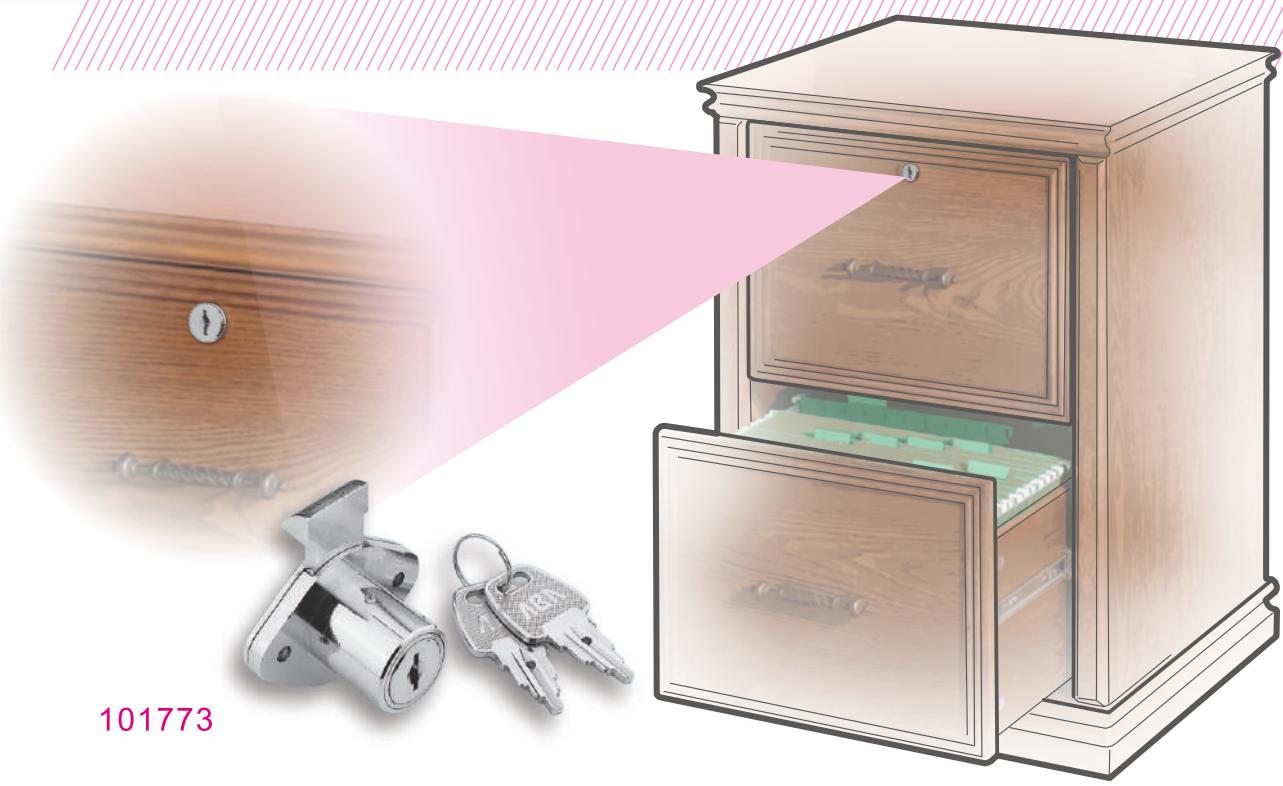


103779



103780

Office Automation / Furniture



101773

101772 / 103777

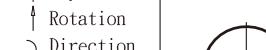
Furniture Lock With Pagoda Cylinder / Wafer Cylinder



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Nickel plated
 - ◆ Application : Roll top desks / Desks, Drawers, Plan cabinets, Executive filing cabinets, Steel cabinets, Cupboards, Boxes, Chests, Bureaux, Wardrobes, Jewel and watch display cases
 - ◆ Combination : Over 150 key combinations
 - ◆ Feature / Strength :
 1. Master key system is available per request
 2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 3. Top security patented PAGODA system, with anti-picking function

Item No.	Key Rotated Direction	Key Rotated Direction Fig	Installation Hole
10177220	A		
10377720	A		

↗ Key Pull
 ↘ Rotation
 ↛ Direction



A

101773 / 103778

Furniture Lock With Pagoda Cylinder / Wafer Cylinder



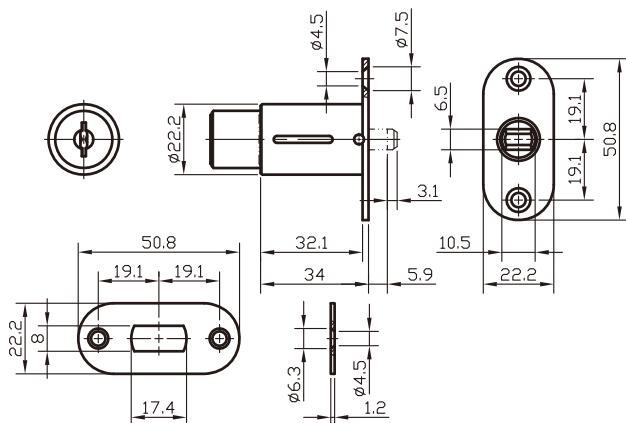
The technical drawing illustrates a mechanical component with the following dimensions:

- Overall width: 19
- Width of top slot: 15.9
- Overall height: 35.4
- Width of base slot: 18.2
- Total width at base: 50.8
- Radius of top corner: 2-Ø3.9
- Radius of bottom corner: Ø22.2
- Height of side wall: 24.4
- Width of side wall: 31
- Width of top slot cutout: 24.4
- Height of top slot cutout: 32.9
- Width of top slot cutout: 9.3
- Width of top slot cutout: 2.9
- Width of top slot cutout: 6

- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Nickel plated
 - ◆ Application : Roll top desks / Desks, Drawers, Plan cabinets, Executive filing cabinets, Steel cabinets, Cupboards, Boxes, Chests, Bureaux, Wardrobes, Jewel and watch display cases
 - ◆ Combination : Over 150 key combinations
 - ◆ Feature / Strength :
 1. Master key system is available per request
 2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 3. Top security patented PAGODA system, with anti-picking function

101774 / 103779

Furniture Lock With Pagoda Cylinder / Wafer Cylinder



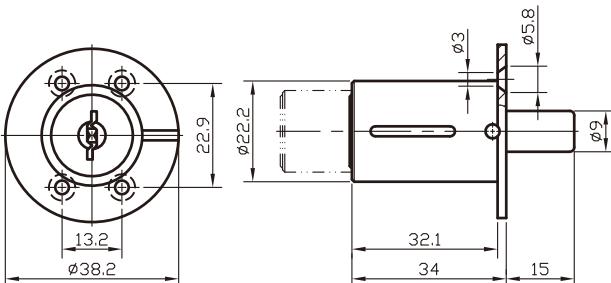
- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Nickel plated
 - ◆ Application : Roll top desks / Desks, Drawers, Plan cabinets, Executive filing cabinets, Steel cabinets, Cupboards, Boxes, Chests, Bureaux, Wardrobes, Jewel and watch display cases
 - ◆ Combination : Over 150 key combinations
 - ◆ Feature / Strength :
 1. Master key system is available per request.
 2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 3. Top security patented PAGODA system, with anti-picking function

101775 / 103780

Furniture Lock With Pagoda Cylinder / Wafer Cylinder



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Nickel plated
 - ◆ Application : Roll top desks / Desks, Drawers, Plan cabinets, Executive filing cabinets, Steel cabinets, Cupboards, Boxes, Chests, Bureaux, Wardrobes, Jewel and watch display cases
 - ◆ Combination : Over 150 key combinations
 - ◆ Feature / Strength :
 1. Master key system is available per request.
 2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 3. Top security patented PAGODA system, with anti-picking function



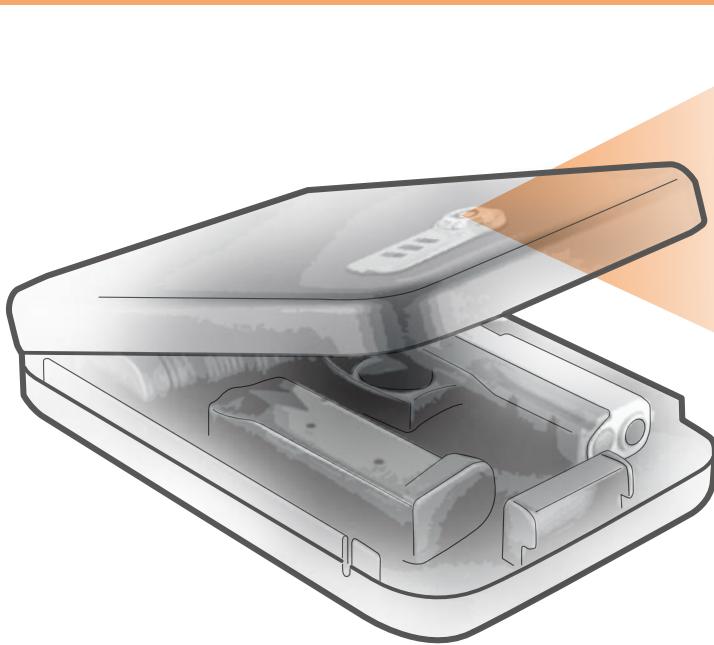
Item No.	Key Rotated Direction	Key Rotated Direction Fig	Installation Hole
10177510	A		
10378010	A		
		<ul style="list-style-type: none"> Key Pull ↑ Rotation ↷ Direction 	
			
			A



107804



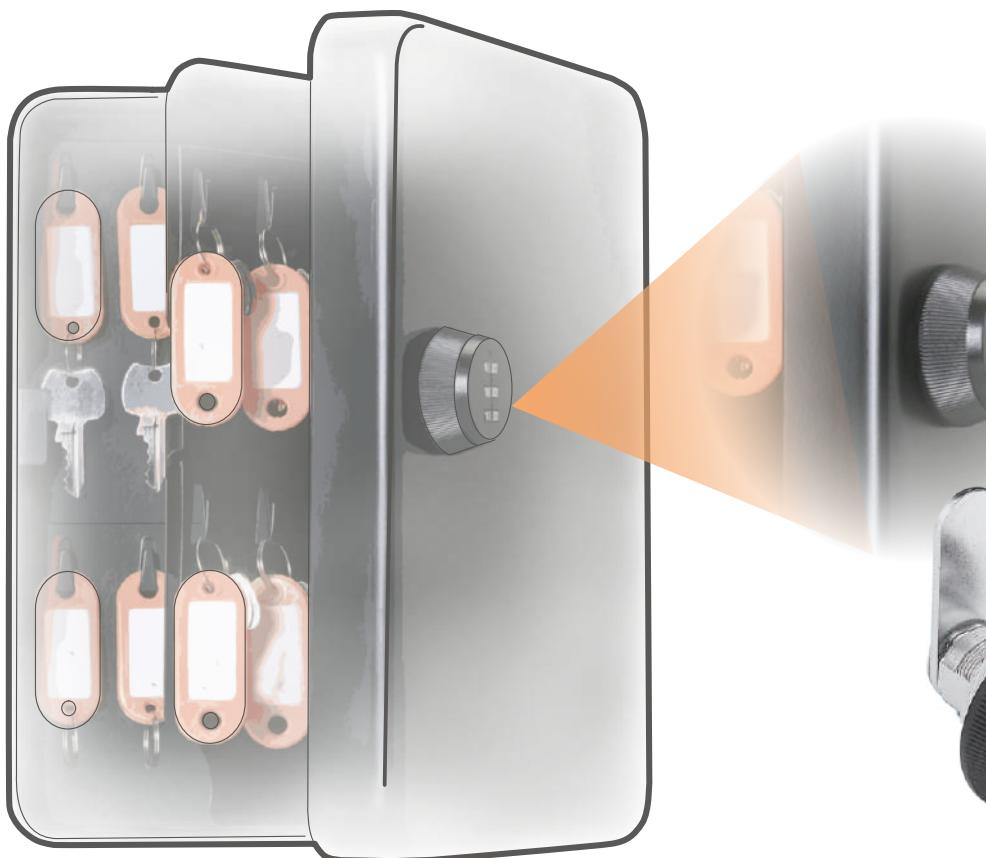
107803



107440



107433



107850

Combination Lock

Cabinet • Security chest • Gun safe • Safety box



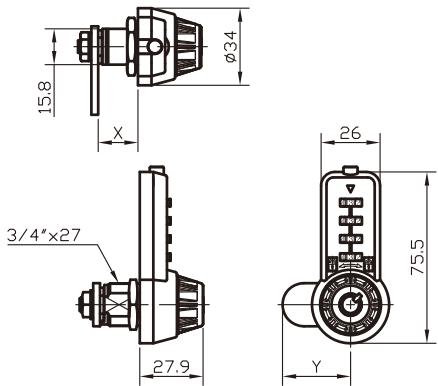
107450



19

107433

Smart Combination Cam Lock (4 Digits)



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Satin Chrome/Black E-coating

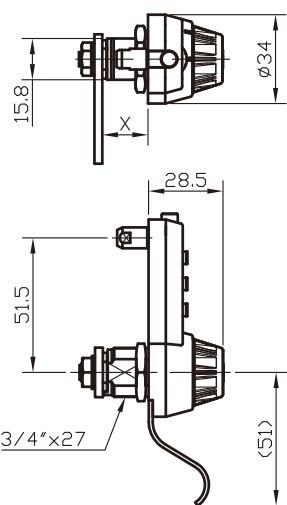
◆ Combination :

1. Wheels combination codes: 10,000 combination codes changeable
 2. Key codes: over 1,000 key combination changeable
- ◆ Application : Safe/Safety box, Tool box, Security chest, Cash box, Recreational Vehicle, Medical cart, Kiosk, Gun safe, as well as locker applications, cabinets, drawers, storage, etc. - anywhere needing flexibility of combination retrieval or multiple person access
- ◆ Feature / Strength :
1. Heavy duty metal construction, with high security ABACO system
 2. Master Key or Grand Master Key system available
 3. Dual access - keys and combination with easy to read dials and open and close.
 4. The dual access lock with key override is user friendly - turn knob to open with no bulky housing to twist defacing surfaces
 5. Ability to install horizontally and vertically
 6. With code retrievable function, you can use the key to recall your forgotten codes

Item No.	Rotated Direction	X	Rotated Direction Fig	Y
10743302	A or B or C	17.5	Combination code COULD be reset Digit wheels COULD be adjusted	Various Sizes & Per customer request
10743303	A or B or C	22.5	Combination code could NOT be reset Digit wheels could NOT be adjusted	Installation Hole
10743304	A or B or C	29	Combination code COULD be reset Digit wheels COULD be adjusted	
Key Rotated Direction Fig				
↑ Key Pull ↑ Rotation ↘ Direction				
↓ Key Pull ↓ Rotation ↗ Direction				
A B C				
2-Ø4.3 Ø19 Ø29 16 Ø16 Ø8.1				

107440

Smart Combination Cam Lock (3 Digits)



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Satin Chrome/Black E-coating

◆ Combination :

1. Wheels combination codes: 1,000 combination codes changeable
 2. Key codes: over 1,000 key combination changeable
- ◆ Application : Safe/Safety box, Tool box, Security chest, Cash box, Recreational Vehicle, Medical cart, Kiosk, Gun safe, as well as locker applications, cabinets, drawers, storage, etc. - anywhere needing flexibility of combination retrieval or multiple person access
- ◆ Feature / Strength :
1. Heavy duty metal construction, with high security ABACO system
 2. Master Key or Grand Master Key system available
 3. Dual access - keys and combination with easy to read dials and open and close.
 4. The dual access lock with key override is user friendly - turn knob to open with no bulky housing to twist defacing surfaces
 5. Ability to install horizontally and vertically
 6. With code retrievable function, you can use the key to recall your forgotten codes

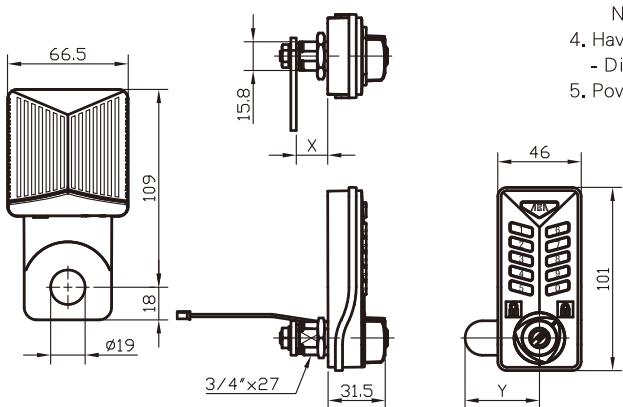
Item No.	Rotated Direction	X	Rotated Direction Fig	Y
10744002	A	17.5	Combination code COULD be reset Digit wheels COULD be adjusted	Various Sizes & Per customer request
10744003	A	22.5	Combination code could NOT be reset Digit wheels could NOT be adjusted	Installation Hole
10744004	A	29	Combination code COULD be reset Digit wheels COULD be adjusted	
Key Rotated Direction Fig				
↑ Key Pull ↑ Rotation ↘ Direction				
↓ Key Pull ↓ Rotation ↗ Direction				
A				
Ø16 Ø16 Ø8.1 Ø19				

107450

Digital Cam Lock / Electronic Cabinet Lock



- ◆ Main Material : Zinc alloy housing & barrel & Lock Body
 - ◆ Finish : Black E-coating
 - ◆ Application : Safe/Safety box, Tool box, Security chest, Cash box, Recreational Vehicle, Medical cart, Kiosk, Gun safe, as well as locker applications, cabinets, drawers, storage, etc. - anywhere needing flexibility of combination retrieval or multiple person access
 - ◆ Feature / Strength :
 1. It can be set four to ten of passwords
 2. Private code (for office or organization using)
 - User code can be set to six groups
 - User code retained when the lock opened
 - With automatic locking function
 3. Public code (for multiple person access -- locker applications)
 - One-time use user code. Use code lost when the lock opened.
Need to set the user code again for next time using
 4. Have a warning tone (switchable)
 - Digit buttons with LED light
 5. Power: DC 6V, Use AA/1.5V Battery * 4 pcs

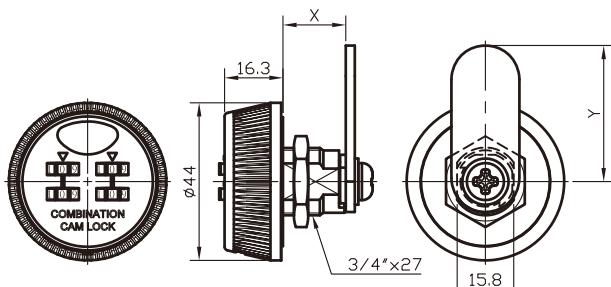


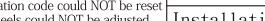
107803

Combination Cam Lock (4 Digits)



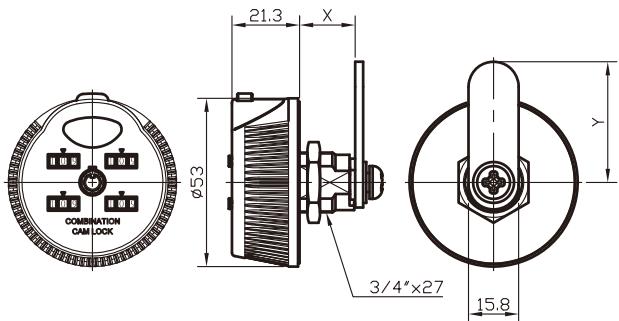
- ◆ Main Material : Zinc alloy housing, barrel, revolver
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Combination : 10,000 combination codes changeable
 - ◆ Application : Safe/Safety box, Tool box, Security chest, Cash box, Recreational Vehicle, Medical cart, Kiosk, Gun safe, as well as locker applications, cabinets, drawers, storage, etc
 - ◆ Feature / Strength :
 1. easy to install
 2. can be programmed in a non-resettable mode
 3. can replace any standard cam lock
 4. Heavy duty metal construction, with 4 pick-proof chrome plated dials and constructed out of sturdy zinc alloy the lock won't rust or wear out over time



Item No.	▽ Rotated Direction	X	▽ Rotated Direction Fig	Y
10780302	A	17, 5	Combination code COULD be reset Digit wheels COULD be adjusted	Various Sizes & Per customer request
10780303	A	22, 5	Combination code COULD NOT be reset Digit wheels COULD NOT be adjusted	Installation Hole
10780304	A	29	Combination code COULD be reset Digit wheels COULD be adjusted	
			Direction	

107804

Smart Combination Cam Lock (4 Digits)

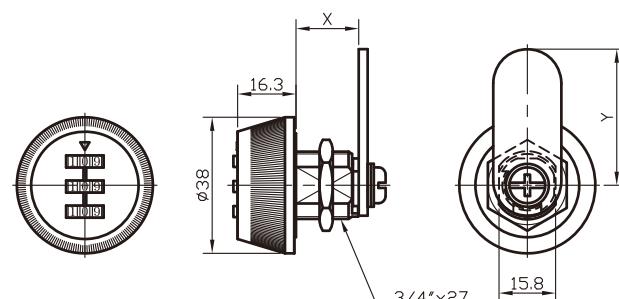


- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/black E-coating
- ◆ Application : Safe/Safety box, Tool box, Security chest, Cash box, Recreational Vehicle, Medical cart, Kiosk, Gun safe, as well as locker applications, cabinets, drawers, storage, etc. - anywhere needing flexibility of combination retrieval or multiple person access
- ◆ Combination :
 1. Wheels combination codes: 10,000 combination codes changeable
 2. Key codes: over 1,000 key combination changeable
- ◆ Feature / Strength :
 1. Heavy duty metal construction
 2. Master Key or Grand Master Key system available
 3. Dual access - keys and combination with easy to read dials and open and close
 4. The dual access lock with key override is user friendly - turn knob to open with no bulky housing to twist defacing surfaces
 5. With code retrievable function, you can use the key to recall your forgotten codes

Item No.	▽ Rotated Direction	X	▽ Rotated Direction Fig	Y
10780402	A or B	17.5	Combination code COULD be reset Digit wheels COULD be adjusted	Various Sizes & Per customer request
10780403	A or B	22.5	Combination code could NOT be reset Digit wheels could NOT be adjusted	Installation Hole
10780404	A or B	29	Combination code COULD be reset Digit wheels COULD be adjusted	
Key Rotated Direction Fig				
↓ Key Pull ↪ Rotation ↘ Direction				

107850

Combination Cam Lock (3 Digits)

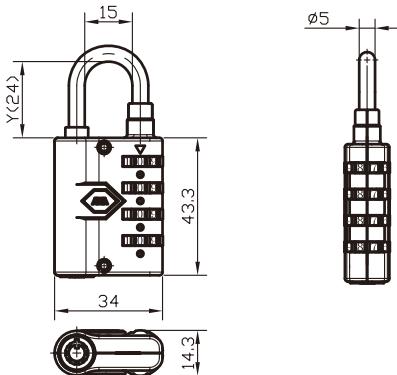


- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Bright Chrome/Black E-Coating
- ◆ Application : Safe/Safety box, Tool box, Security chest, Cash box, Recreational Vehicle, Medical cart, Kiosk, Gun safe, as well as locker applications, cabinets, drawers, storage, etc
- ◆ Combination : 1,000 combination codes changeable
- ◆ Feature / Strength :
 1. Can replace any standard cam lock
 2. Both resettable & non-resettable modes
 3. Keyless convenience--set your own code any time
 4. Multiple sizes available
 5. Durability and reliability

Item No.	▽ Rotated Direction	X	▽ Rotated Direction Fig	Y
10785002	A or B	17.5	Combination code COULD be reset Digit wheels COULD be adjusted	Various Sizes & Per customer request
10785003	A or B	22.5	Combination code could NOT be reset Digit wheels could NOT be adjusted	Installation Hole
10785004	A or B	29	Combination code COULD be reset Digit wheels COULD be adjusted	
Direction				

107918

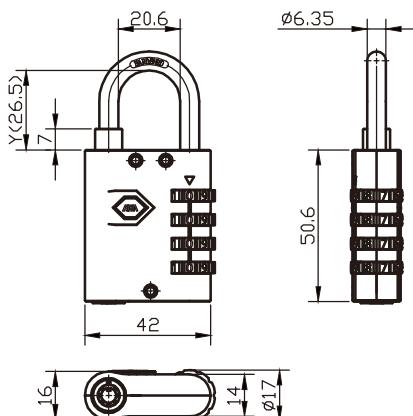
Smart Combination Padlock (4 Digits)



- ◆ Main Material : Zinc alloy lock body, housing & barrel
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Application : Storage door, storage gate, equipment case, tool box, locker, luggage, cabinets, suitcase, jewel box, bike, trailer, motorcycle, bag, cash box, window, etc
 - ◆ Combination :
 1. Wheels combination codes: 10,000 combination codes changeable
 2. Key codes: over 10,000 key combination changeable
 - ◆ Feature / Strength :
 1. Set-your-own combination convenience
 2. Shackle diameter 5mm. Shackle material or height could be changed by request
 3. Resettable to allow for a personalized combination
 4. Safe enough for light duty use
 5. Unlock by either combination or key
 6. With code retrievable function
 7. Master Key or Grand Master Key system available

107921

Smart Combination Padlock (4 Digits)

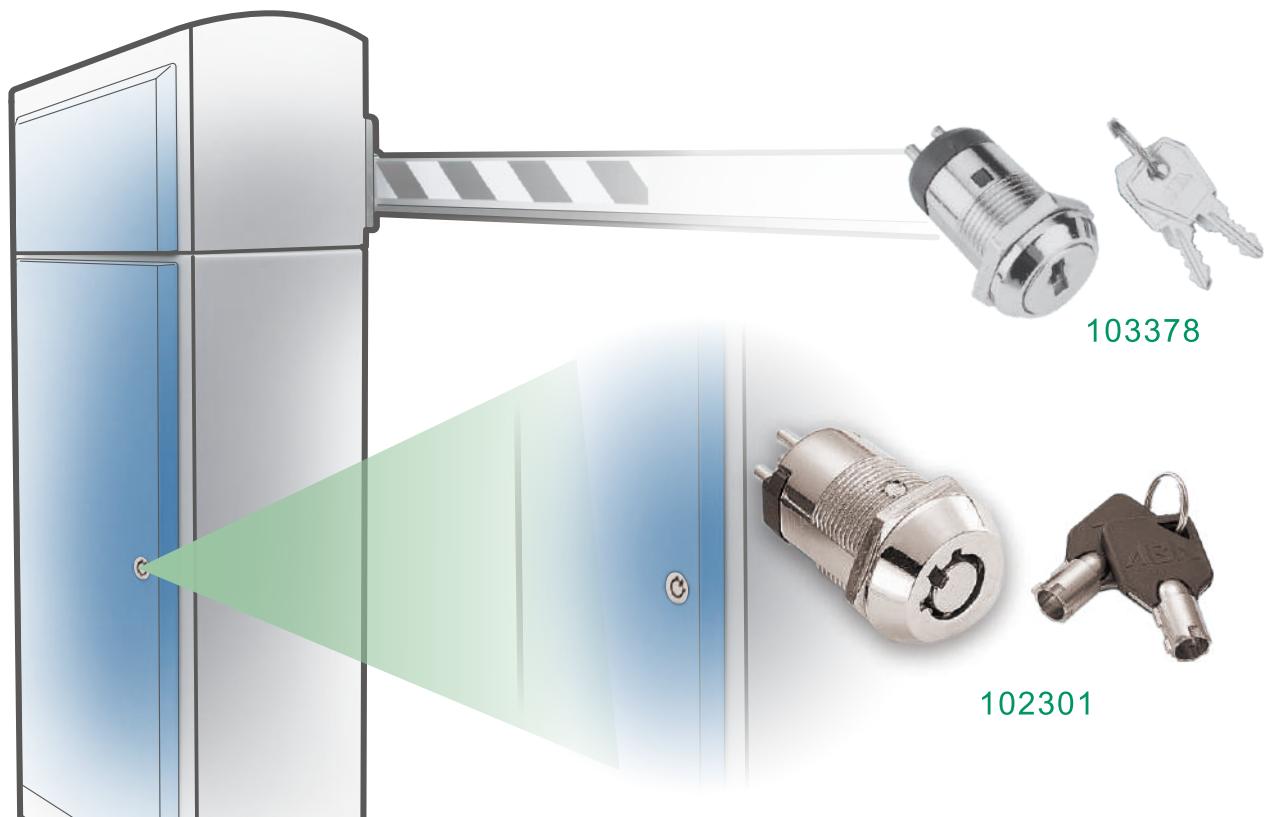


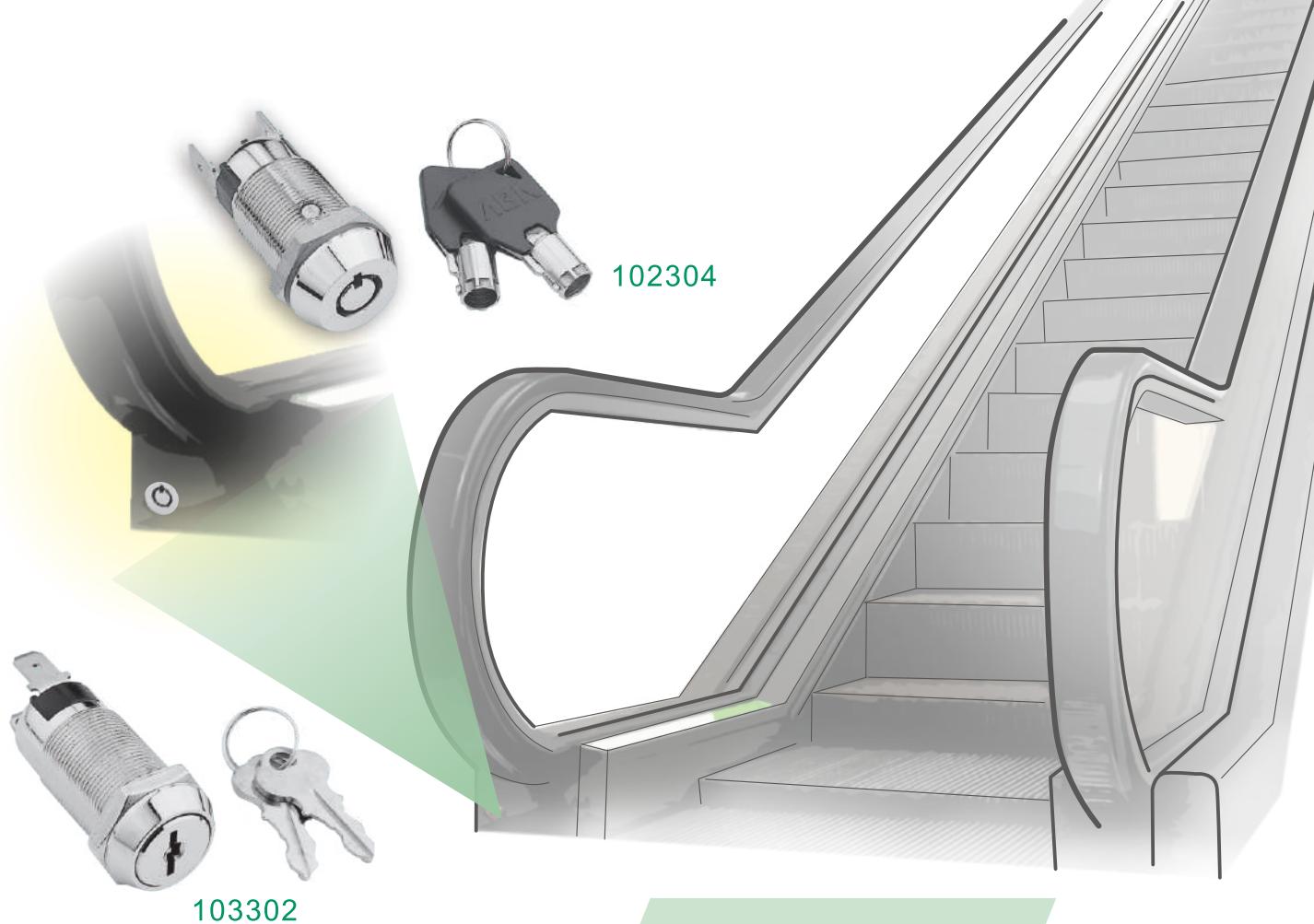
- ◆ Main Material : Zinc alloy lock body, housing & barrel
 - ◆ Finish : Nickel plating / Black E-coating
 - ◆ Application : Storage door, equipment case, tool box, locker, luggage, cabinets, suitcase, jewel box, bike, trailer, motorcycle, cash box, window, etc
 - ◆ Combination :
 1. Wheels combination codes: 10,000 combination codes changeable
 2. key codes: over 10,000 key combination changeable
 - ◆ Feature / Strength :
 1. Set-your-own combination convenience
 2. Shackle diameter up to 6.35mm. Shackle material or height could be changed by request
 3. Resettable to allow for a personalized combination
 4. Safe enough for various devices
 5. Unlock by either combination or key
 6. With code retrievable function, you can use the key to recall your forgotten codes
 7. Master Key or Grand Master Key system available
 8. Stronger design and easier to find out your forgotten codes

Item No.	Key Rotated Direction	Key Rotated Direction Fig	Y
10792100	A	 ↑ Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request
			Installation Hole
		A	
			>Ø6.5



Switch Lock





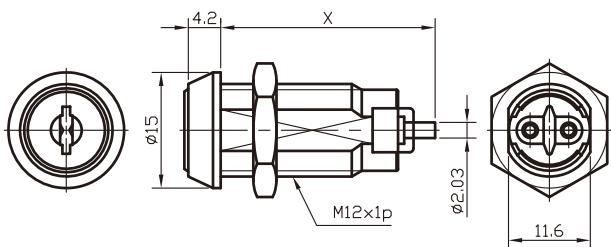
103302

Elevato • Parking Device • Gaming



101130

High Security Pagoda Key Switch Lock (Miniature)

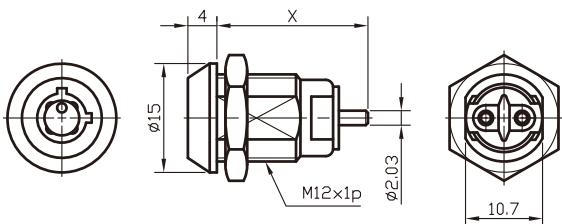


- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Chrome plated. Contact & terminal with silver plated.
 - ◆ Application : Security system, Alarm system, Computer case & Payphone, Control panels, Electrical equipment, Electronic instrument, Industry computer, Control boxes, Elevator and Escalator, Switch gear box, Bicycle, etc
 - ◆ Combination : Over 500 key combinations
 - ◆ Electric parameter :
 - Current Rating: 2A 125VAC, 1A 250VAC
 - Contact Resistance: 10 Mill-Ohms Max
 - Insulation Resistance: 500 Meg-Ohms Min
 - Dielectric Strength: 1000VAC 1 minute
 - ◆ Feature / Strength :
 - 1. Anti-vibration function is available
 - 2. Master key system is available per request
 - 3. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 - 4. Top security patented PAGODA system, with anti-picking function

Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Installation Hole
10113010	A	27.8	   	
10113020	B			

102120

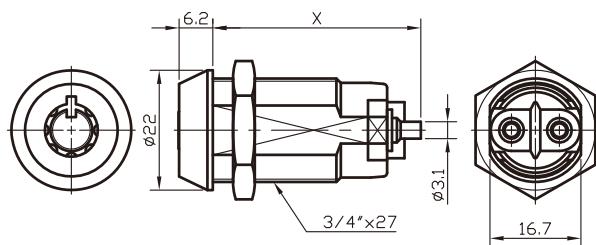
Security Tubular Key Switch Lock (Miniature)



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Chrome plated. Contact & terminal with silver plated
 - ◆ Application : Security system, Alarm system, Computer case & Payphone, Control panels, Electrical equipment, Electronic instrument, Industry computer, Control boxes, Elevator and Escalator, Switch gear box, etc
 - ◆ Combination : Key alike
 - ◆ Electric parameter :
 - Current Rating: 2A 125VAC, 1A 250VAC
 - Contact Resistance: 10 Mill-Ohms Max
 - Insulation Resistance: 500 Meg-Ohms Min
 - Dielectric Strength: 1000VAC 1 minute
 - ◆ Feature / Strength :
 - 1. Different switch on position is available per request

102300

Security Tubular Key Switch Lock



- ◆ Main Material : Brass or Zinc alloy housing & barrel
- ◆ Finish : Chrome plated. Contact & terminal with silver plated
- ◆ Application : Alarm system, Computer case, Charging meter, Security system, Electrical equipment, Electronic instrument, Garage Doors, Elevator and Escalator, Gaming & Slot machine, Vending machine, Control system, Control panels, Control boxes, Switch gear box, etc
- ◆ Combination : Over 10,000 combinations
- ◆ Electric parameter :
 - Current Rating: 4A /125VAC, 2A/250VAC
 - Contact Resistance: 10 Milli-Ohms Max
 - Insulation Resistance: 500 Meg-Ohm Min (500VDC)
 - Dielectric Strength: 1500 VAC-1 Minute
- ◆ Feature / Strength :
 - 1.Master key system or different switch on position is available per request

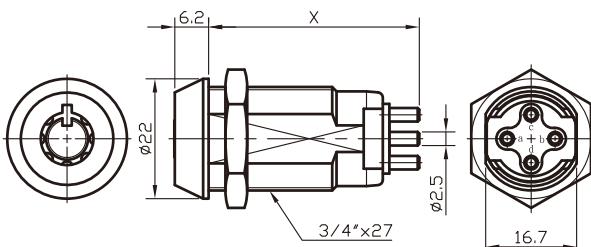
Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Installation Hole
10230012	A	30.8	Key Pull Rotation Direction	
10230022	B or C			
10230014	A	38.2		
10230024	B or C			
			A B C	φ19 17

102301

Security Tubular Key Switch Lock



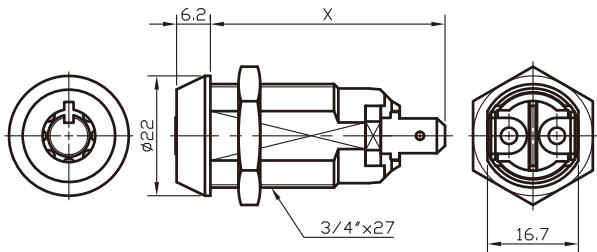
- ◆ Main Material : Brass or Zinc alloy housing & barrel
- ◆ Finish : Chrome plated. Contact & terminal with silver plated
- ◆ Application : Alarm system, Computer case, Charging meter, Security system, Electrical equipment, Electronic instrument, Garage Doors, Elevator and Escalator, Gaming & Slot machine, Vending machine, Control system, Control panels, Control boxes, Switch gear box, etc
- ◆ Combination : Over 10,000 combinations
- ◆ Electric parameter :
 - Current Rating: 4A /125VAC, 2A/250VAC
 - Contact Resistance: 10 Milli-Ohms Max
 - Insulation Resistance: 500 Meg-Ohm Min (500VDC)
 - Dielectric Strength: 1500 VAC-1 Minute
- ◆ Feature / Strength :
 - 1. Master key system or different switch on position is available per request
 - 2. Spring return function & UL certificate is also available

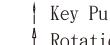


Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Installation Hole
10230112	A or B			
10230122	C			
10230132	D	31.3	Key Pull Rotation Direction	
10230114	B			
10230124	C			
10230134	D	38.7	A B C D	φ19 17

102304

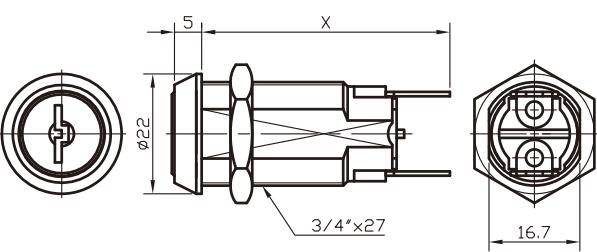
Security Tubular Key Switch Lock



Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Installation Hole
10230412	A	35.7		
10230414	A or B or C or D	41.9 or 43.1		
10230424	E	43.1		
				
				
				
				
				

103302

Flat Key Switch Lock



- ◆ Main Material : Brass or Zinc alloy housing & barrel
 - ◆ Finish : Chrome plated. Contact with silver plated & brass terminals
 - ◆ Application : Alarm system, Computer case, Charging meter, Security system, Electrical equipment, Electronic instrument, Garage Doors, Elevator and Escalator, Gaming & Slot machine, Vending machine, Control system, Control panels, Control boxes, Switch gear box, etc
 - ◆ Combination : Over 10,000 combinations
 - ◆ Electric parameter :
 - Current Rating: 4A /125VAC, 2A/250VAC
 - Contact Resistance: 10 Milli-Ohms Max
 - Insulation Resistance: 500 Meg-Ohm Min (500VDC)
 - Dielectric Strength: 1500 VAC-1 Minute
 - ◆ Feature / Strength :
 1. Master key system or different switch on position is available per request
 2. Spring return function & UL certificate is also available

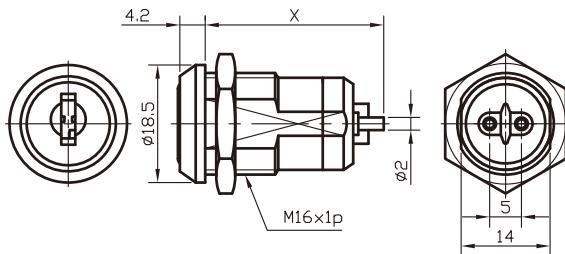
1. Master key system or different switch on position is available per request
 2. Spring return function & UL certificate is also available

103378

Flat Key Wafer (Miniature)



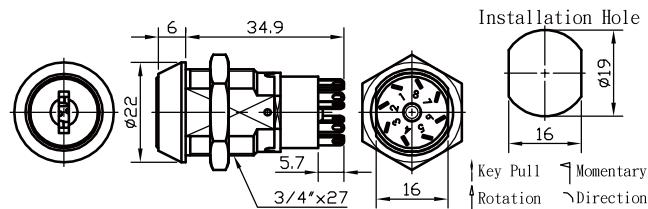
- ◆ Main Material : Housing and barrel with zinc alloy
- ◆ Finish : Chrome plated. Contact with silver plated & brass terminals
- ◆ Application : Security system, Alarm, Telephone, Control panels, Electrical equipment, Electronic instrument, Industry computer, Encryption devices, Heavy power equipment, Control Boxes, etc
- ◆ Combination : Over 50 combination
- ◆ Electric parameter :
 - Current Rating: 2A /125VAC, 1A/250VAC
 - Contact Resistance: 10 Milli-Ohms Max
 - Insulation Resistance: 500 Meg-Ohm Min (500VDC)
 - Dielectric Strength: 1000 VAC-1 Minute



Item No.	Key Rotated Direction	X	Key Rotated Direction Fig	Installation Hole
10337810	A	28.3		

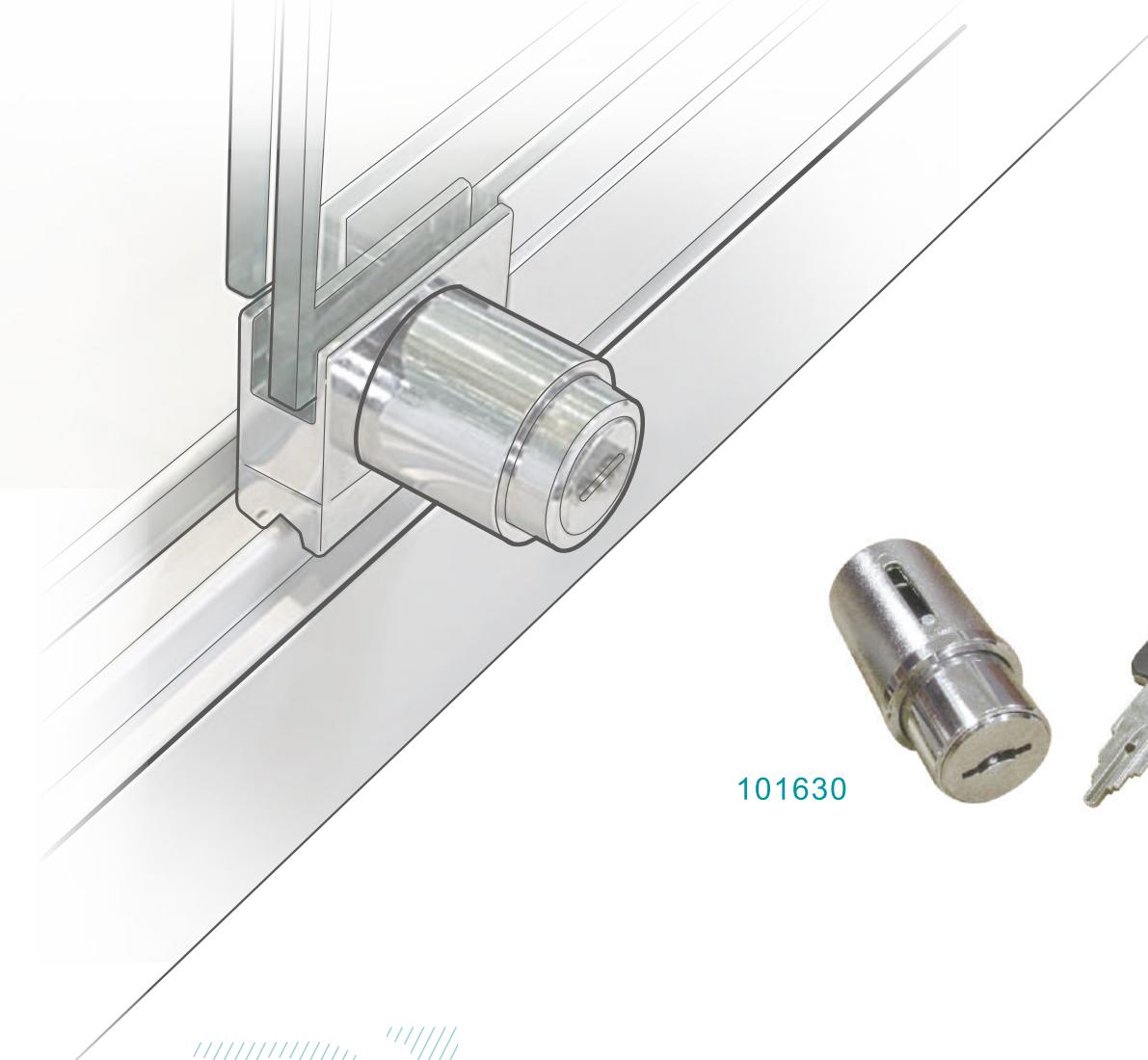
103305

Flat Key Switch Lock



- ◆ Main Material : Zinc alloy housing & barrel
- ◆ Finish : Nickel plated. Contacts & terminals with gold plated
- ◆ Application : Alarm system, Computer case, Charging meter, Security system, Electrical equipment, Electronic instrument, Garage Doors, Elevator and Escalator, Gaming & Slot machine, Vending machine, Control system, Control panels, Control boxes, Switch gear box, etc
- ◆ Combination : Over 200 key combination or all key alike
- ◆ Electric parameter :
 - Current Rating: 4A /125VAC, 2A/250VAC
 - Contact Resistance: 10 Milli-Ohms Max
 - Insulation Resistance: 500 Meg-Ohm Min (500VDC)
 - Dielectric Strength: 1500 VAC-1 Minute
- ◆ Feature / Strength :
 1. The distance between two terminals is biggest in the market , Terminals quantity upon customer's requests (max. 8 terminals) Key rotation degree and/or Key inserts way is optional by customers. Spring return function & UL certificate is also available

Item No.	Key position Fig.	Conductive position				Terminals
		A	B	C	D	
10330510001		7-8 , 3-4	8-1 , 4-5	1-2 , 5-6		8
10330510002		7-8	8-1	1-2		4
10330510003		8-1 , 4-5	1-2 , 5-6			6
10330510004		8-1	1-2			3
10330510005		8-1 , 4-5	7-8 , 3-4			6
10330510006		8-1	7-8			3
10330510007		8-1 , 4-5	1-2 , 5-6	7-8 , 3-4		8
10330510008		8-1	1-2	7-8		4
10330510009		8-1 , 4-5	7-8 , 3-4	1-2 , 5-6		8
10330510010		8-1	7-8	1-2		4
10330510011		8-1 , 4-5	1-2 , 5-6	7-8 , 3-4		8
10330510012		8-1	1-2	7-8		4
10330510013		8-1	1-2	7-8		4
10330510014		N/A	2-3 , 6-7			4
10330520003		6-7	7-8	8-1	1-2	5
10330520004		2-3	1-2	8-1	7-8	5
10330520005		N/A	2-3 , 6-7			4
10330520006		7-8	8-1	1-2 , 5-7		5



101630



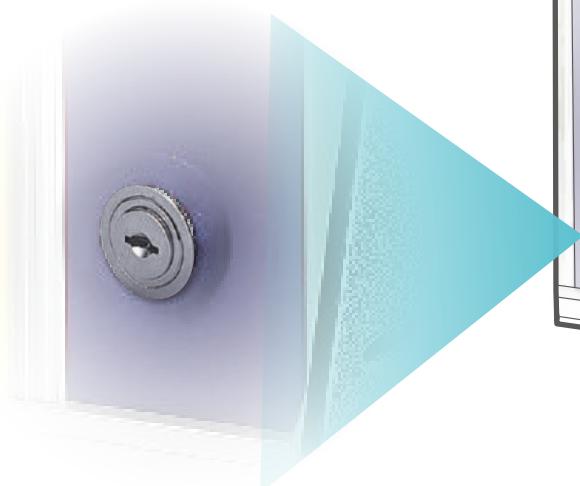
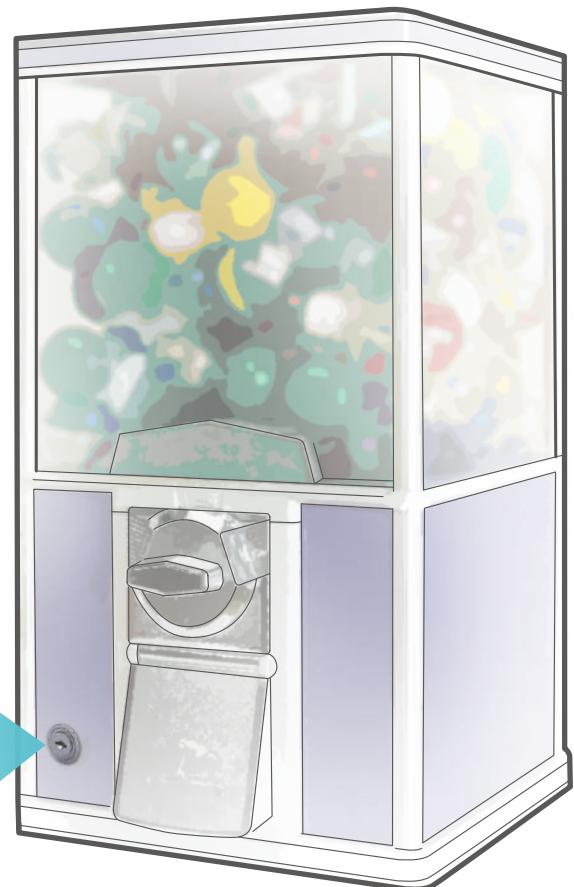
PlungerLock (Push-in)



102610



101635



Furniture • Gumball & Candy vending machine • Lightbox billboard • iPad Case



101615



101630

High Security Pagoda Key Plunger(Push-in) Lock



◆ Main Material : Zinc alloy housing & barrel

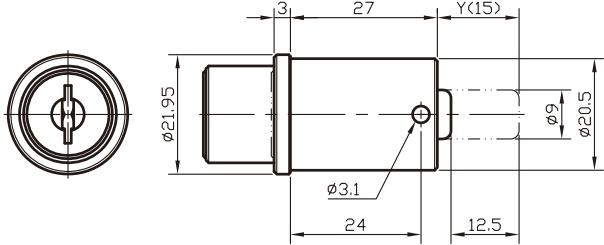
◆ Finish : Chrome plated

◆ Application : Motorcycle, Car, Boat, Tool box, Lightbox billboard, Amusement machine, Gumball & Candy vending machine, Coffee machine, etc

◆ Combination : Over 10,000 combinations

◆ Feature / Strength :

1. Master key system is available per request
2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
3. Top security patented PAGODA system, with anti-picking function



Item No.	Key Rotated Direction	Key Rotated Direction Fig	Y(15)
10163010	A	Key Pull ↑ Rotation ↖ Direction	Various Sizes & Per customer request
10163020	B	Key Pull ↑ Rotation ↖ Direction	Installation Hole
		A	Ø20.7
		B	

101635

High Security Pagoda Key Plunger(Push-in) Lock



◆ Main Material : Zinc alloy housing & barrel

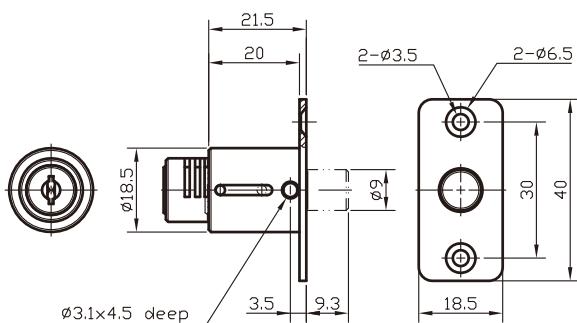
◆ Finish : Chrome plated

◆ Application : Metal/Non-metal Wooden Doors, Tool box, Lightbox billboard, Furniture, Gumball & Candy vending machine, Coffee machine, Monitoring equipment, etc

◆ Combination : Over 100 combinations

◆ Feature / Strength :

1. Master key system is available per request
2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
3. Top security patented PAGODA system, with anti-picking function



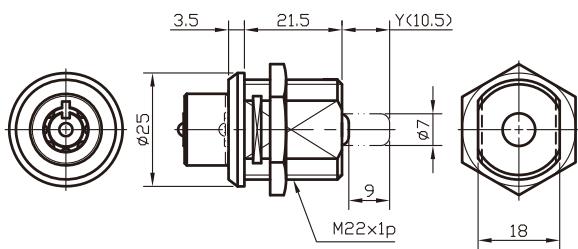
Item No.	Key Rotated Direction	Key Rotated Direction Fig	Installation Hole
10163510	A	Key Pull ↑ Rotation ↖ Direction	Ø18.7
		A	

102610

Security Tubular Plunger (Push-in) Lock



- ◆ Main Material : Zinc alloy inner/outer housing & barrel
 - ◆ Finish : Chrome / Nickel plated
 - ◆ Application : Metal/Non-metal Wooden Doors, Tool box, Lightbox billboard, Trail equipment, Security access device etc
 - ◆ Combination : Over 10,000 combinations
 - ◆ Accessory : Housing nut or clip
 - ◆ Feature / Strength :
 1. Locking bolt length could be changed per request



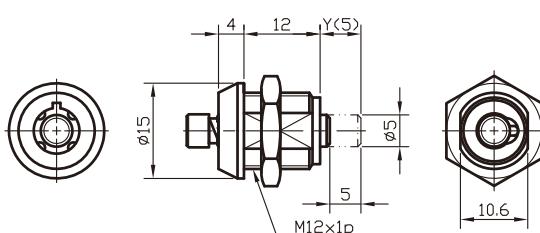
Item No.	Key Rotated Direction	Key Rotated Direction Fig	Y(10.5)
10261014	A or B		Various Sizes & Per customer request
		↑ Key Pull ↓ Rotation ↗ Direction	Installation Hole
		 A	 B
			
			ø22
			18.2

102615

Security Tubular Plunger (Push-in) Lock



- ◆ Main Material : Zinc alloy housing & head of barrel; Brass end of barrel
 - ◆ Finish : Chrome / Nickel plated
 - ◆ Application : Lightbox billboard, Monitoring equipment, iPad case, Kiosk, Hanger, Parking device, etc
 - ◆ Combination : Over 500 combinations
 - ◆ Accessory : Housing nut or clip
 - ◆ Feature / Strength :
 1. Lock bolt length could be changed per request



Item No.	Key Rotated Direction	Key Rotated Direction Fig	Y(5)
10261510	A		Key Pull Various Sizes & Per
10261520	B		Rotation customer request
			Direction Installation Hole
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			
			



101531



102501



108501



102522



102501

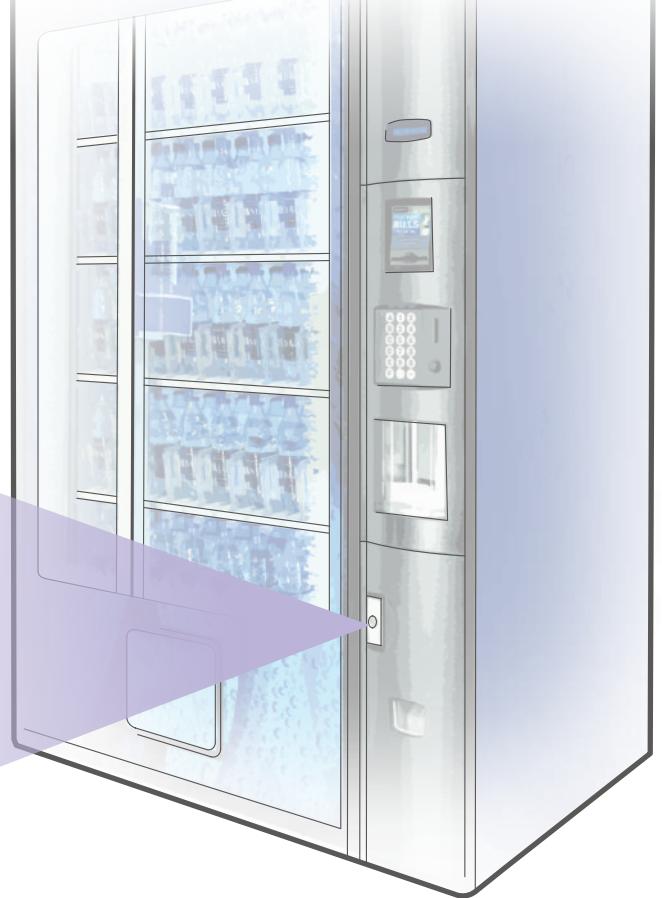




100599
(Cam Style)



100599
(Stud Style)



Handle Lock

Vending Machine



102582



100585

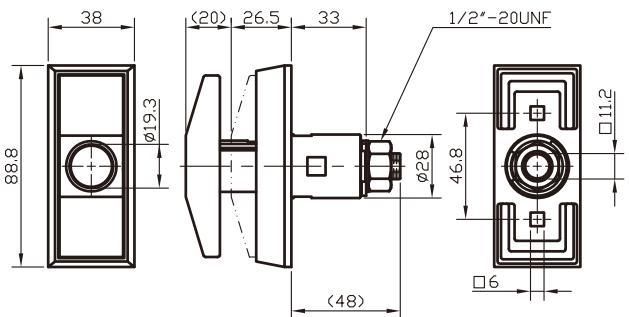


109582



100585

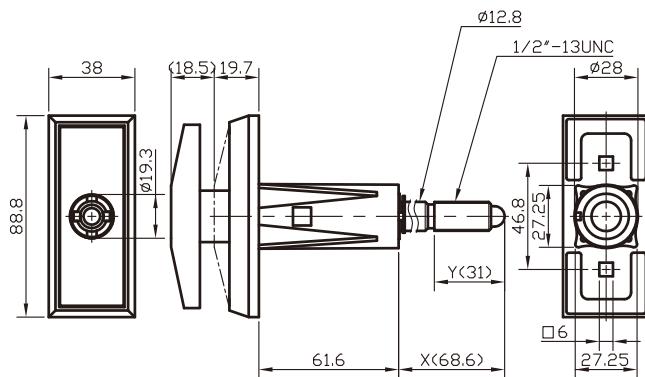
Quarter Turn T-handle (Cam style)



- ◆ Main Material : Zinc alloy
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Application : Vending machine, Gaming machine, Intelligent terminal, Electrical equipment, Kiosk, Change Machine, Storage cabinet, Coffee machine, etc
 - ◆ Optional part : Cylinder or Cam
 - ◆ Feature / Strength :
 1. Most of lock cylinders from market can be fit into this T-Handle
 2. Following models of ABA's lock cylinder can be used with the T-Handle 101531、#102501、#102522、#108501...etc
 3. This is a shorter type T-Handle, applicable for the thinner door of vending / gaming machine
 4. Various specs cam upon specification
 5. T-handle (Stud style) is available

100599

T-handle For Vending (Stud style)



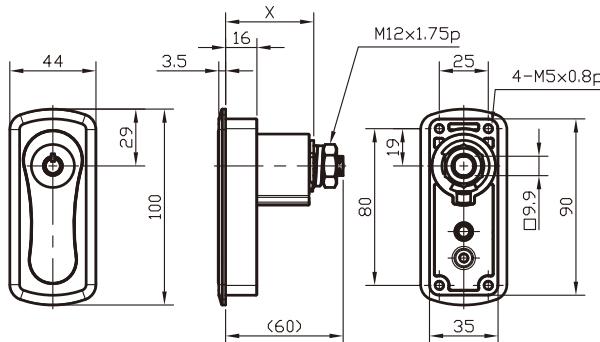
- ◆ Main Material : Zinc alloy
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Application : Vending machine, Gaming machine, Intelligent terminal, Electrical equipment, Kiosk, Change Machine, Storage cabinet, Coffee machine, etc
 - ◆ Optional part : Cylinder or Stud
 - ◆ Feature / Strength :
 1. Most of lock cylinders from market can be fit into this T-Handle
 2. Following models of ABA's lock cylinder can be used with this T-Handle #101531、#102501、#102522、#108501...etc
 3. Stud length is optional
 4. T-handle (Cam style) is available

102582

T-handle Lock With Tubular Key System (Cam style)



- ◆ Main Material : Zinc alloy
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Application : Vending machine, Gaming machine, Intelligent terminal, Electrical equipment, Kiosk, Change Machine, Storage cabinet, Coffee machine, etc
 - ◆ Optional part : Cam
 - ◆ Feature / Strength :
 1. The handle is only 4mm higher than the door surface after installation

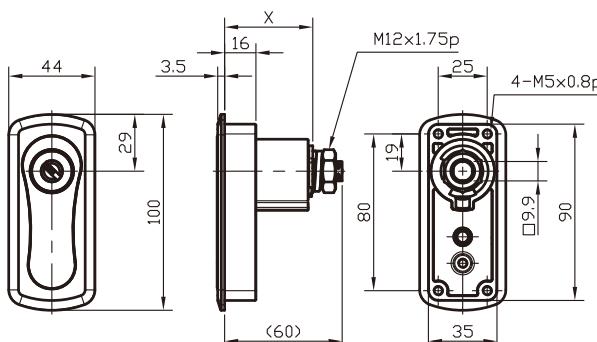


109582

T-handle Lock With Dimple Key System (Cam style)



- ◆ Main Material : Zinc alloy
 - ◆ Finish : Bright Chrome/Black E-coating
 - ◆ Application : Vending machine, Gaming machine, Intelligent terminal, Electrical equipment, Kiosk, Change Machine, Storage cabinet, Coffee machine, etc
 - ◆ Optional part : Cam
 - ◆ Feature / Strength :
 1. The handle is only 4mm higher than the door surface after installation

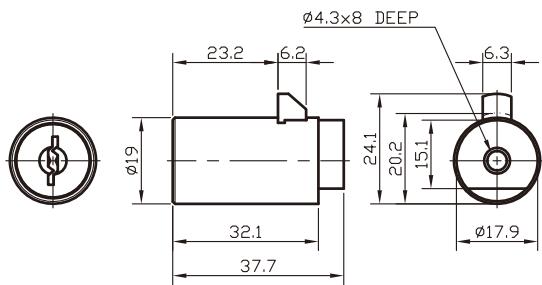


101531

High Security Pagoda Cylinder



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome/black E-coating
 - ◆ Application : Vending machine, Gaming machine, ATM machine, Intelligent terminal, Electrical equipment, etc
 - ◆ Combination : Over 10,000 combinations
 - ◆ Feature / Strength :
 1. Master key system is available per request
 2. Lock barrel installed with 2 hardened steel anti-drill pins to prevent drill attempt
 3. Top security patented PAGODA system, with anti-picking function

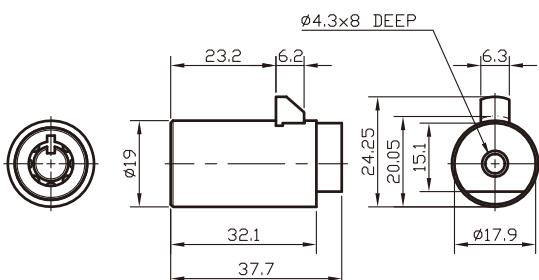


102501

Security Tubular Cylinder



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome
 - ◆ Application : Vending machine, Gaming machine, ATM machine, Intelligent terminal, Electrical equipment, etc
 - ◆ Combination : Over 10,000 combinations



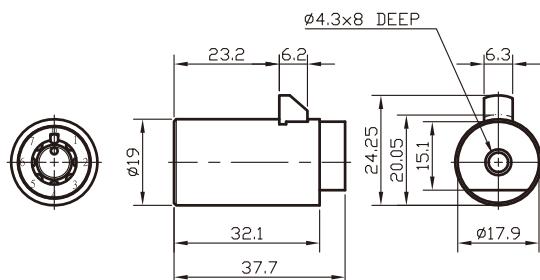
Item No.	Key Rotated Direction	Key Rotated Direction fig	Installation Hole
10250110	A		
10250120	B		
		 Key Pull Rotation Direction	
		 A	
		 B	
			 $\varnothing 19.2$

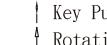
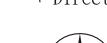
102522

Patented Magic Cylinder (Tubular Key System)



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome
 - ◆ Application : Vending machine, Gaming machine, ATM machine, Intelligent terminal, Electrical equipment, etc
 - ◆ Combination : Over 10,000 combinations
 - ◆ Feature / Strength :
 1. Patented cylinder, with security management function
 2. Cylinder size same as ABA item #102501 which is popular in the vending industry



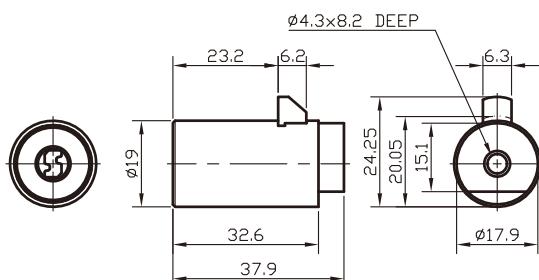
Item No.	Key Rotated Direction		Key Rotated Direction Fig	Installation Hole
10252210	A		 Key Pull Rotation Direction	 $\varnothing 19.2$
				A

108501

High Security Finland Cylinder



- ◆ Main Material : Zinc alloy housing & barrel
 - ◆ Finish : Bright Chrome
 - ◆ Application : Vending machine, Gaming machine, ATM machine, Intelligent terminal, Electrical equipment, etc
 - ◆ Combination : Over 10,000 combinations
 - ◆ Feature / Strength :
 1. Cylinder size same as ABA item #102501 which is popular in the vending industry



Others



Accessories



Cam Lock

Furniture Lock

Combination Lock

Switch Lock

Plunger
(Push-in) LockLocks Cylinder
Handle LockAccessories
& Others



High Security PAGODA System

This system can be applied to any item:

Locked :

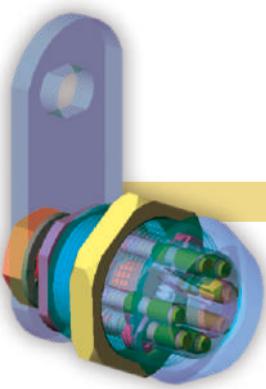
The key is disengaged from the lock so that the locking disks are biased to the original position by means of a number of springs mounted between the locking disks.

Unlock :

A key is engaged in a corresponding lock. So that a number of locking discs mounted in the lock are pushed to a predetermined position by means of some shoulders formed on the key.

Advantages of Pagoda Lock :

- 1.Lock without using a key.
- 2.Maximum(Top)security.
- 3.Flexibility(More key combination).
- 4.Bi-directional key insertion.
- 5.Changable Core



ABACO LOCK SYSTEM

ABACO Lock is a tubular key lock. What makes it unique is that the specially designed structure built in ABACO Lock makes it difficult for being picked by prying, a significant improvement for traditional tubular key lock.

High Security Master Key System

Traditional System :

1. Limited to the barrel length and size.
2. The combination cut on the key is obvious and can therefore be easily duplicated and the security of whole system is gone. Not only a single lock.
3. It is also a threat to the security that key blanks can be acquired on the market with no difficulty.
4. Lock of high cost.



Innovative System :

1. Any size lock will do.
2. No combination can be read on the key. So there is no way to duplicate it and the security of the whole system can be ensured.
3. Master key blanks of special design cannot be purchased on the market at all. Which is of highest security assurance.
4. Lock of far lower cost than traditional ones.



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