

Medeco³

High Security Cylinders & Locking Systems

Medeco³ High Security Cylinders feature UL437 Listed physical strength components like the triple locking technology for ultimate pick resistance and solid brass construction with strategically placed hardened inserts to thwart drilling attacks.

Passing UL437 and BHMA's rigid testing procedures reaffirms Medeco³'s ability to protect people and property. Medeco³ builds on Medeco's over 40 years of lock engineering innovation and takes security to the next level while still offering the highest level of protection against unauthorized key duplication.



Patented Key Control

Protects against unauthorized duplication of your keys.



Uses Existing Hardware

Can be master keyed into a system containing Medeco BiLevel and Medeco³ mechanical as well as M³ CLIQ eCylinders. Medeco³ cylinders are available in a wide variety of formats, retrofitting most hardware on the market today.



Can Be Master Keyed

Can be master keyed into a system containing Medeco BiLevel and Medeco³ mechanical as well as M³ CLIQ eCylinders.



Protection From Physical Attack

Medeco³ cylinders are UL 437 Listed and stand up to drilling, picking and other forms of physical attack.



Special Angle Cut Keys

Requires a special key cutting machine and access to Medeco specific blanks, available in a variety of restrictions to support every need.



Picking and Bumping Protection

Medeco³ cylinders use a sidebar that prevent the key from rotating until it is elevated, rotated and aligned in the correct position. This feature protects against bumping and picking attacks.

Technical Information:

- 40,000 cycle endurance test
- Resistance to picking or key fitting tests
- **UL437:**
 - Tests prescribed in Underwriters Laboratory Standard for Safety for Key Locks are primarily designed to measure a locking cylinder's ability to resist physical attack.
- **ANSI/BHMA A156.30:**
 - Builders Hardware Manufacturing Association (BHMA) standards are certified by the American National Standards Institute (ANSI) which works with industry leaders to provide manufacturers and consumers with product quality and performance ratings based on preset criteria and standardized testing.
 - BHMA standard A156.30-2003, approved and adopted by ANSI, covers high security cylinders and was developed by BHMA to provide specific guidance as to which products can be considered as high security cylinders.
 - Medeco³ cylinders have been tested to BHMA's highest certification level by an independent laboratory and achieved certification in the high security cylinders category.
 - The cylinders meet or exceed BHMA A156.30 criteria for strength and durability, key control, and surreptitious entry resistance.

Applications:

- Medeco³ retrofit cylinders are ideal for any application requiring key control and physical security of your cylinders

Warranty:

Medeco³ cylinders are warranted for two years against manufacturer's defects. See the Medeco[®] limited warranty for full details

How To Order Key-in-Knob/Lever Cylinders

Complete part numbers are required for all orders. To determine the correct part number, fill in the "X's" in sequential order.

1	2	3	4	5			
200200S1 base part #	T cylinder	05 finish	LT keyway	S pinning			
Refer to pages 71-89 for descriptions and technical specifications to find the corresponding base part number.	<ul style="list-style-type: none">– = OriginalK = Medeco KMT = Medeco³W = BiaxialJ = Medeco³ BiLevelC = Classic CLIQN = Medeco X4S = M³ CLIQM = Medeco X4 CLIQ	<p>Refer to the inside back cover of this catalog for finish options. Include the corresponding two digit finish number.</p> <p>Upcharge for split finish.</p>	<p>Insert keyway if known or contact Customer Service for help.</p>	<table><tr><td>S = Sub-Assembled (Uncombined) No additional information needed</td><td>P = Pinned (Combined) Keyed alike (KA) Keyed different (KD) 2 keys per cylinder</td><td>M = Master Keyed Provide specific pinning or contact Customer Service for support Must specify quantity for keys.</td></tr></table>	S = Sub-Assembled (Uncombined) No additional information needed	P = Pinned (Combined) Keyed alike (KA) Keyed different (KD) 2 keys per cylinder	M = Master Keyed Provide specific pinning or contact Customer Service for support Must specify quantity for keys.
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BUILD A KEY-IN-KNOB/LEVER PART #:

200200S1 X XX XX X

Key-in-Knob/Lever Cylinder ————

Obtain from Product Listing ————

Cylinder Technology ————

– = Original
 K = Medeco KM
 T = Medeco³
 W = Biaxial
 J = Medeco³ BiLevel
 C = Classic CLIQ
 N = Medeco X4
 S = M³ CLIQ
 M = Medeco X4 CLIQ

Pinning

S = Sub Assembled
 P = Pinned
 M = Master Keyed

Keyway

Finish

05 = Bright Brass (US03)
 06 = Satin Brass (US04)
 09 = Antique Brass (US5)
 11 = Bright Bronze (US9)
 12 = Satin Bronze (US10)
 13 = Dark Bronze/Oil Rubbed (US10B)
 18 = Bright Nickel (US14)
 19 = Satin Nickel (US15)
 20 = Antique Nickel (US15A)
 22 = Flat Black (US19)
 24 = Dark Bronze/Clear Coat (US20A)
 25 = Bright Chrome (US26)
 26 = Satin Chrome (US26D)

**Refer to the eCylinder section for more detail on specific technologies available and pricing. Technologies are represented by the following letters:
 T = Medeco³, S = M³ CLIQ, J = Medeco³ BiLevel, W = Biaxial, V = Medeco Biaxial CLIQ, K = Medeco KM, N = Medeco X4, C = Classic CLIQ, M = Medeco X4 CLIQ,
 "–" = Original, Z = Medeco Original KW CLIQ, G = Medeco XT ***See key section for surcharges for custom coined cut keys or special stamping requirements.

Note: (P) refers to **Pinned** and (S) to **Sub-Assembled** at the end of each part string in the price book.

Cam Locks

Cam Lock Installation Instructions & Op Codes

Medeco Cam Lock Part Number Configurations

Model Number	Operation Code	Cylinder	Finish	Keyway	"Cam Lock Operation Code" – Describes the function of the lock: direction of key turn, rotation, key retaining or two key-pull.
XXXXXXXX	XXX	X	26	XX	

Cam Lock Operation Codes – Fixed Core Cam Locks

Describes the function of the lock

Operation Code	Rotation Distance	Direction to Unlock	Key Retaining or 2 Key Pull
219	90°	Clockwise	Key Retaining
229	90°	Clockwise	2 Key Pull
239	90°	Counterclockwise	Key Retaining
249	90°	Counterclockwise	2 Key Pull
259	180°	Clockwise	Key Retaining
269	180°	Clockwise	2 Key Pull
279	180°	Counterclockwise	Key Retaining
289	180°	Counterclockwise	2 Key Pull

Note: Key Retaining – Key is removable in the locked position only.

2 Key Pull – Key is removable in both the locked and unlocked positions.

Cam Lock Operation Codes – Removable Core Cam Locks

Describes the function of the lock

Operation Code	Rotation Distance	Direction to Unlock	Key Retaining or 2 Key Pull
219	90°	Clockwise	Key Retaining
239	90°	Counterclockwise	Key Retaining
259	180°	Clockwise	Key Retaining
279	180°	Counterclockwise	Key Retaining

Note: Removable core cam locks are available in key retaining only.

Cam Locks

Medeco® High Security Cam Locks are recognized throughout the world as the standard for protection in a 3/4 inch diameter lock. Medeco Cam Locks utilize hardened, stainless steel inserts throughout the cylinder to provide the ultimate defense against drilling, pulling, and other forms of vandal attacks. Patented key control programs prevent the unauthorized duplication of keys and maintain system integrity. Keyed alike, keyed different, or master keyed, Medeco offers a complete line of cam locks in a wide variety of sizes and functions to meet your specific needs.



Patented Key Control

Protects against unauthorized duplication of your keys.



Available in eCylinder

Medeco cam locks are also available with Medeco eCylinders for loss & liability control.



Can Be Master Keyed

Medeco cam locks can be keyed alike, keyed different or master keyed.



Protection From Physical Attack

Medeco3 cam locks are UL 437 Listed and stand up to drilling, picking and other forms of physical attack.

Benefits:

- All Medeco® cylinders are constructed of durable machined brass components.
- Hardened stainless steel inserts inside the cylinder provide the ultimate defense against drilling and other forms of physical attack.
- Unique elevating and rotating tumbler pin system is virtually pick proof.
- Patented Medeco³ keys may only be duplicated by Medeco or an authorized Medeco service outlet, and only at your request.
- Locks can be keyed alike, keyed different, or master keyed depending on your specific needs.
- Available in various lengths and rotations.

Technical Information:

- Four or five pin models available depending on size
- Available in three standard sizes, 1 1/16 inch, 7/8 inch and 1 1/8 inch
- Two flat models available, key retaining only
- Clockwise or counterclockwise rotation, 90 or 180 degrees
- Keyed alike, keyed different or master keyed

Warranty:

Warranted for two (2) years against manufacturer's defects. See the Medeco® limited warranty for full details

Finishes:

- 26 satin chrome finish standard
- Other finishes available, depending on volume

Certification:

- UL437 Listed

Applications:

Medeco® Cam Locks can be used in any standard 3/4 inch diameter application and a multitude of markets including:

- | | |
|------------------|-------------------|
| • Safes | • Utility |
| • Communication | • Data Encryption |
| • Alarm | • Cabinet |
| • Access control | • Transit |
| • Banking | • Lockers |

Available Key Technologies:

Mechanical:

- Medeco³

eCylinder:

- Classic CLIQ
- Medeco XT

High Security Cam Locks

Description	Part Number	M ³	BiLevel	X4	Biax/Orig	KeyMark
5 pin, 1 1/16" Cam lock	600250T (P)					
	600250T (S)					
5 pin, 7/8" Cam lock	600350T (P)					
	600350T (S)					
5 pin, 1" Cam lock	600450T (P)					
	600450T (S)					
4 pin, 7/8" Cam lock	600550T (P)					
	600550T (S)					
5 pin, 1 1/8" Cam lock	600650T (P)					
	600650T (S)					
4 pin, 1 1/16" Cam lock	600750T (P)					
	600750T (S)					
4 pin, 5/8" Cam lock	600850T (P)					
	600850T (S)					
5 pin, 3/4" Cam lock	600950T (P)					
	600950T (S)					
5 pin, 5/8" Cam lock	601150T (P)					
	601150T (S)					
3 pin, 7/16" Cam lock	601250T (P)					
	601250T (S)					
3 pin, 5/8" Cam lock	601251T (P)					
	601251T (S)					
5 pin, 1 1/2" Cam lock	601450T (P)					
	601450T (S)					
5 pin, 2" Cam lock	601452T (P)					
	601452T (S)					

You must specify the operation code to complete the part number. Pinned pricing includes two keys. Standard sizes described, contact Medeco customer service or medeco.com for variations not listed.

There is a 6 piece minimum order quantity for high security cam locks.

Cam Lock Operation Codes

Description	Part Number
2 flat, 1 Keypull, Clockwise 90 degree	219
2 Flat, 2 Keypull, Clockwise 90 degree	229
2 Flat, 1 Keypull, Counterclockwise 90 degree	239
2 Flat, 2 Keypull, Counterclockwise 90 degree	249
2 Flat, 1 Keypull, Clockwise 180 degree	259
2 Flat, 2 Keypull, Clockwise 180 degree	269
2 Flat, 1 Keypull, Counterclockwise 180 degree	279
2 Flat, 2 Keypull, Counterclockwise 180 degree	289

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