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

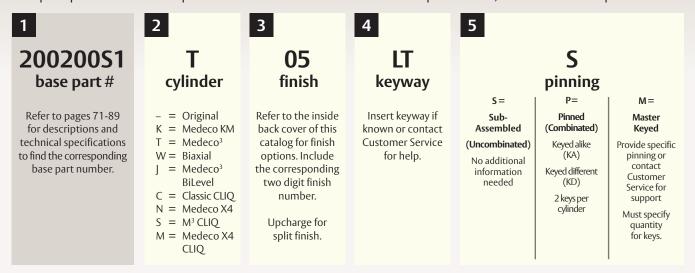
Warranty:

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

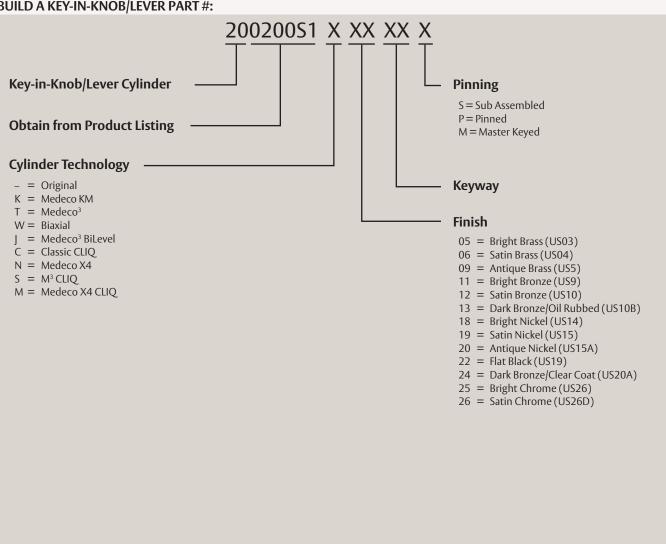


How To Order Key-in-Knob/Lever Cylinders

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



BUILD A KEY-IN-KNOB/LEVER PART #:



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
XXXXXXX	XXX	X	26	XX	lock: direction of key turn, rotation, key retaining or two key-pull.

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.

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.

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

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, 11/16 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:

eCylinder:

- Medeco³

– Classic CLIO

- Medeco XT



Cam Locks 17

High Security Cam Locks

Description	Part Number	M³	BiLevel	X4	Biax/Orig	KeyMark
5 pip 1 1/16" Cam lock	600250T(P)					
5 pin, 1 1/16" Cam lock	600250T(S)					
Enin 7/0" Cam lock	600350T(P)					
5 pin, 7/8" Cam lock	600350T(S)					
Enin 1" Cam lock	600450T(P)					
5 pin, 1" Cam lock	600450T(S)					
4 pin 7/9" Cam lock	600550T(P)					
4 pin, 7/8" Cam lock	600550T(S)					
Enin 1 1/0" Cam lock	600650T(P)					
5 pin, 1 1/8" Cam lock	600650T(S)					
4 pin, 1 1/16" Cam lock	600750T(P)					
4 piii, 1 1/10 Caiii iock	600750T(S)					
4 pin E/9" Cam lock	600850T(P)					
4 pin, 5/8" Cam lock	600850T(S)					
Enin 2/4" Cam lock	600950T(P)					
5 pin, 3/4" Cam lock	600950T(S)					
Enin Elo" Cam lock	601150T(P)					
5 pin, 5/8" Cam lock	601150T(S)					
3 pin, 7/16" Cam lock	601250T(P)					
5 piii, 1/10 Calii lock	601250T(S)					
2 pin El9" Cam lock	601251T(P)					
3 pin, 5/8" Cam lock	601251T(S)					
E nin 11/2" Cam lock	601450T (P)					
5 pin, 1 1/2" Cam lock	601450T(S)					
Enin 2" Cam lock	601452T (P)					
5 pin, 2" Cam lock	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