

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

Rim & Mortise Cylinders

Medeco® Rim and Mortise cylinders provide patented key control and the Medeco³ version provides UL437 Physical Security in adaptable retrofit cylinder formats. Medeco Mortise cylinders have threads on the outside of the shell and are designed to be screwed into other manufacturer's mortise lock cases. A cam on the back of the cylinder operates the lock mechanism and a set screw holds the mortise cylinder in place. Medeco Rim cylinders are used with auxiliary rim locks such as: surface mounted deadbolts, night latches, panic devices and jimmy proof locks (also known as vertical dropbolts or interlocking deadbolts). Rim cylinders are held in place with a back plate and two mounting screws. 10 series, rim and mortise cylinders, are UL437 Listed for drill and pick resistance, and the those that incorporate the Medeco³, BiLevel, or Medeco X4 design, offer utility patented key control.



Patented Key Control

Protects against unauthorized duplication of your keys.



Uses Existing Hardware

Medeco offers the largest selection of retrofit Rim & Mortise cylinders that reduce cost by eliminating the need to replace your existing hardware.



Can Be Master Keyed

Medeco³ and BiLevel Rim & Mortise cylinders can be master keyed into a system containing Medeco BiLevel and Medeco³ mechanical as well as Medeco³ CLIQ eCylinders.



Protection From Physical Attack

Medeco³ Rim & Mortise 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.

Applications

Flexible options designed to retrofit various manufacturers of mortise and rim locks

Warranty:

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

Technical Features:

- BHMA A156.30 Certification assures patent protected key control and physical strength
- BHMA A156.5 Grade 1 Certification assures consistent quality for heavy use applications
- Solid brass construction provides high quality and long cylinder life
- Set screw pin chamber caps allow quick and easy pinning and re-keying without the need to take the cylinder apart
- Large variety of cylinder lengths and cam/tailpiece configurations provide excellent retrofit capability and reduce the need to replace the entire locking device

Finishes:

- Available in all standard finishes to match existing hardware

Available Key Technologies:

Mechanical:

- Medeco³
- Medeco³ BiLevel
- Medeco X4

eCylinder:

- M³ CLIQ
- Classic CLIQ
- Medeco X4 CLIQ
- Medeco XT

How To Order Rim & Mortise 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			
100200 base part #	T cylinder	05 finish	LT keyway	S pinning			
Refer to pages 59-62 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 RIM & MORTISE PART #:

100200 X XX XX X

Rim & Mortise 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.

Standard Mortise Cylinders

Description	Part Number	M ³	BiLevel	X4	Biax/Orig	KeyMark
1" 5 Pin Mortise Cylinder	100100 (P)					
– (6 pin for Medeco X4)	100100 (S)					
1" 5 Pin Mortise Cylinder with 120° notch along top of shell for alternate retaining location	100101 (P)					
	100101 (S)					
1-1/8" 6 Pin Mortise Cylinder	100200 (P)					
	100200 (S)					
1-1/4" 6 Pin Mortise Cylinder	100500 (P)					
	100500 (S)					
1-3/8" 6 Pin Mortise Cylinder	105100 (P)					
	105100 (S)					
1-1/2" 6 Pin Mortise Cylinder	105200 (P)					
	105200 (S)					
1-5/8" 6 Pin Mortise Cylinder	105300 (P)					
	105300 (S)					
1-3/4" 6 Pin Mortise Cylinder	105400 (P)					
	105400 (S)					
2" 6 Pin Mortise Cylinder	105500 (P)					
	105500 (S)					
2-1/4" 6 Pin Mortise Cylinder	105600 (P)					
	105600 (S)					
2-1/2" 6 Pin Mortise Cylinder	105700 (P)					
	105700 (S)					
2-3/8" 6 Pin Mortise Cylinder	105904 (P)					
	105904 (S)					
2-3/4" 6 Pin Mortise Cylinder	105104 (P)					
	105104 (S)					
3-1/4" 6 Pin Mortise Cylinder	105900 (P)					
	105900 (S)					
4-1/8" 6 Pin Mortise Cylinder	105800 (P)					
	105800 (S)					
5" 6 Pin Mortise Cylinder	105901 (P)					
	105901 (S)					
6-7/8" 6 Pin Mortise Cylinder	105903 (P)					
	105903 (S)					
8" 6 Pin Mortise Cylinder	105902 (P)					
	105902 (S)					

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