

# Medeco<sup>3</sup>

## High Security Cylinders & Locking Systems

Medeco<sup>3</sup> 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 Medeco<sup>3</sup>'s ability to protect people and property. Medeco<sup>3</sup> 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 Medeco<sup>3</sup> mechanical as well as M<sup>3</sup> CLIQ eCylinders. Medeco<sup>3</sup> 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 Medeco<sup>3</sup> mechanical as well as M<sup>3</sup> CLIQ eCylinders.



### Protection From Physical Attack

Medeco<sup>3</sup> 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

Medeco<sup>3</sup> 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.
  - Medeco<sup>3</sup> 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:

- Medeco<sup>3</sup> retrofit cylinders are ideal for any application requiring key control and physical security of your cylinders

## Warranty:

Medeco<sup>3</sup> cylinders are warranted for two years against manufacturer's defects. See the Medeco<sup>®</sup> limited warranty for full details

# Rim & Mortise Cylinders

Medeco® Rim and Mortise cylinders provide patented key control and the Medeco<sup>3</sup> 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 Medeco<sup>3</sup>, 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

Medeco<sup>3</sup> and BiLevel Rim & Mortise cylinders can be master keyed into a system containing Medeco BiLevel and Medeco<sup>3</sup> mechanical as well as Medeco<sup>3</sup> CLIQ eCylinders.



## Protection From Physical Attack

Medeco<sup>3</sup> 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

Medeco<sup>3</sup> 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:

- Medeco<sup>3</sup>
- Medeco<sup>3</sup> BiLevel
- Medeco X4

### eCylinder:

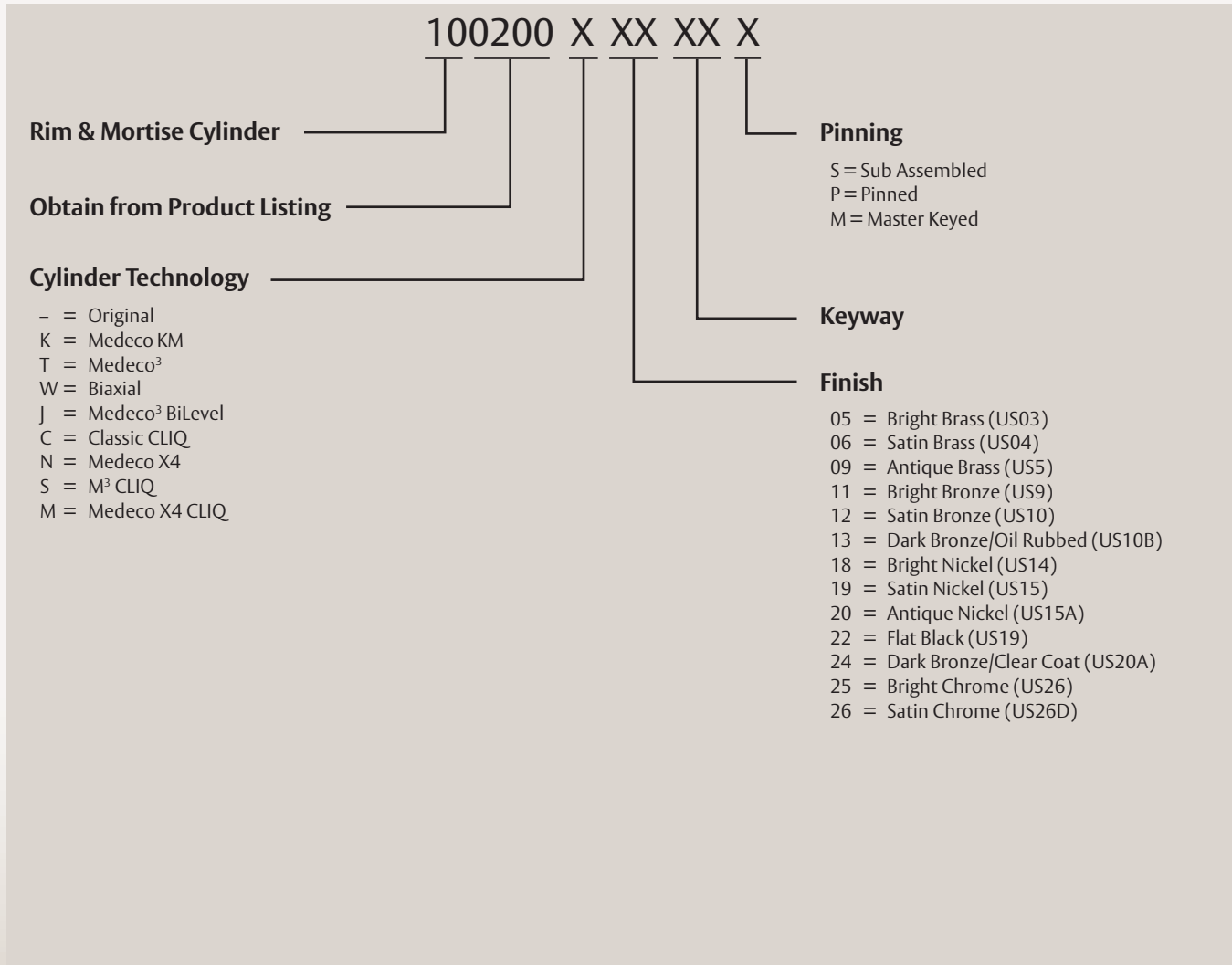
- M<sup>3</sup> CLIQ
- Classic CLIQ
- Medeco X4 CLIQ
- Medeco XT

## 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.




<div>1</div> <div>100200</div> <div>base part #</div> <div>Refer to pages 59-62 for descriptions and technical specifications to find the corresponding base part number.</div>	<div>2</div> <div>T</div> <div>cylinder</div> <div><div>– = Original</div><div>K = Medeco KM</div><div>T = Medeco<sup>3</sup></div><div>W = Biaxial</div><div>J = Medeco<sup>3</sup> BiLevel</div><div>C = Classic CLIQ</div><div>N = Medeco X4</div><div>S = M<sup>3</sup> CLIQ</div><div>M = Medeco X4 CLIQ</div></div>	<div>3</div> <div>05</div> <div>finish</div> <div><div>Refer to the inside back cover of this catalog for finish options. Include the corresponding two digit finish number.</div><div>Upcharge for split finish.</div></div>	<div>4</div> <div>LT</div> <div>keyway</div> <div><div>Insert keyway if known or contact Customer Service for help.</div></div>	<div>5</div> <div>S</div> <div>pinning</div> <div><table><tr><td><div>S =</div><div>Sub-Assembled</div><div>(Uncombined)</div><div>No additional information needed</div></td><td><div>P =</div><div>Pinned (Combined)</div><div>Keyed alike (KA)</div><div>Keyed different (KD)</div><div>2 keys per cylinder</div></td><td><div>M =</div><div>Master Keyed</div><div>Provide specific pinning or contact Customer Service for support</div><div>Must specify quantity for keys.</div></td></tr></table></div>	<div>S =</div> <div>Sub-Assembled</div> <div>(Uncombined)</div> <div>No additional information needed</div>	<div>P =</div> <div>Pinned (Combined)</div> <div>Keyed alike (KA)</div> <div>Keyed different (KD)</div> <div>2 keys per cylinder</div>	<div>M =</div> <div>Master Keyed</div> <div>Provide specific pinning or contact Customer Service for support</div> <div>Must specify quantity for keys.</div>
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### BUILD A RIM & MORTISE PART #:




\*\*Refer to the eCylinder section for more detail on specific technologies available and pricing. Technologies are represented by the following letters:  
 T = Medeco<sup>3</sup>, S = M<sup>3</sup> CLIQ, J = Medeco<sup>3</sup> 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.


**Falcon® Deadbolt Cylinders**

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
 6 Pin Cylinder for Falcon Single Cylinder Deadbolt Lock (New Style)	200903 (P)					
	200903 (S)					
 5 Pin Cylinder for Falcon Single Cylinder Deadbolt Lock (Old Style)	206005 (P)					
	206005 (S)					
 5 Pin Cylinder for Falcon Double Cylinder Deadbolt Lock (Old Style)	206100 (P)					
	206100 (S)					









**Kwikset® Deadbolt Cylinders**

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
 6 Pin Lazy Motion Rim Type for Kwikset® Single Cylinder deadbolts, except Powerbolt	1012040 (P)					
	1012040 (S)					

**PDQ® Deadbolt Cylinder**

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
 6 Pin Cylinder for PDQ KV Series Deadbolt	200903 (P)					
	200903 (S)					

**Sargent® Deadbolt Cylinder**

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
 6 Pin Cylinder for 470 & 480 Single Cylinder Deadbolt Lock	200901 (P)					
	200901 (S)					
 6 Pin Cylinder for Sargent 470 & 480 Double Cylinder Deadbolt Lock	200902 (P)					
	200902 (S)					
 5 Pin Cylinder for Sargent 470 & 480 Single Cylinder Deadbolt	200801 (P)					
	200801 (S)					
 5 Pin Cylinder for Sargent 470 & 480 Double Cylinder Deadbolt	200802 (P)					
	200802 (S)					
 5 Pin cylinder for Sargent 460 Single Cylinder deadbolt	200807 (P)					
	200807 (S)					
 6 Pin cylinder for Sargent 460 Single Cylinder deadbolt	200907 (P)					
	200907 (S)					
 5 Pin cylinder for Sargent 460 Double Cylinder deadbolt	200808 (P)					
	200808 (S)					
 6 Pin cylinder for Sargent 460 Double Cylinder deadbolt	200908 (P)					
	200908 (S)					

\*\*Refer to the eCylinder section for more detail on specific technologies available and pricing. Technologies are represented by the following letters:  
T = Medeco<sup>3</sup>, S = M<sup>3</sup> CLIQ, J = Medeco<sup>3</sup> 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.