

# Medeco BiLevel

BiLevel cylinders offer affordable key control through patent protected keys. Standard locking systems without utility patent protected keys allow anyone who gains possession of a key to easily and inexpensively make a copy. With an unauthorized duplicate key, a thief has complete access to a building, its physical and intellectual property, and the people inside. BiLevel locking systems ensure that the keys to a facility can only be duplicated by certified Medeco dealers and only with the proper authorization.

Medeco® BiLevel cylinders can tie in with other Medeco® mechanical and eCylinder products for master keying purposes.



## Patented Key Control

Protects against unauthorized duplication of your keys.



## Uses Existing Hardware

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



## Can Be Master Keyed

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



## 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:

- Can be keyed with Medeco³ and M³ CLIQ products

## Applications:

The Medeco BiLevel retrofit cylinders are ideal for any application patented key control where physical high security is not necessary

## Warranty:

Medeco BiLevel cylinders are warranted for two years against manufacturer's defects. See the Medeco limited warranty for full details

## Cylinder Formats:

- Rim & Mortise
- Key in Knob/Lever Cylinders
- Large Format Interchangeable Cores
- Padlocks

## 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"><li>– = Original</li><li>K = Medeco KM</li><li>T = Medeco<sup>3</sup></li><li>W = Biaxial</li><li>J = Medeco<sup>3</sup> BiLevel</li><li>C = Classic CLIQ</li><li>N = Medeco X4</li><li>S = M<sup>3</sup> CLIQ</li><li>M = Medeco X4 CLIQ</li></ul>	<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.
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.					

### BUILD A RIM & MORTISE PART #:

100200 X XX XX X

**Rim & Mortise Cylinder** ————

**Obtain from Product Listing** ————

**Cylinder Technology** ————

– = Original  
 K = Medeco KM  
 T = Medeco<sup>3</sup>  
 W = Biaxial  
 J = Medeco<sup>3</sup> BiLevel  
 C = Classic CLIQ  
 N = Medeco X4  
 S = M<sup>3</sup> 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 = 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.

## How to Order:

1

11C601

base part #

Refer to pages 136-145 for descriptions and technical specifications to find the corresponding base part number.

2

T

cylinder

- = Original
- K = Medeco KM
- T = Medeco<sup>3</sup>
- W = Biaxial
- J = Medeco<sup>3</sup> BiLevel
- C = Classic CLIQ
- N = Medeco X4

3

05

finish

Refer to the inside back cover of this catalog for finish options. Include the corresponding two digit finish number.

Upcharge for split finish.

4

LT

keyway

Insert keyway if known or contact Customer Service for help.

5

S

pinning

S =	P =	M =
Sub-Assembled (Uncombined)	Pinned (Combined)	Master Keyed
No additional information needed	Keyed alike (KA)	Provide specific pinning or contact Customer Service for support
	Keyed different (KD)	Must specify quantity for keys.
	2 keys per cylinder	

### BUILD A MAXUM DEADBOLT BASE PART#

11XXXX

**Maxum Deadbolt**

**Trim**

C = Commercial  
R = Residential

**Cylinder Type**

2 = Blank Plate  
3 = LFIC (6 Pin)  
4 = LFIC (Less Core)  
5 = Medeco (5 Pin)  
6 = Medeco (6 Pin)  
7 = SFIC (Less Core)  
8 = SFIC (6 Pin)  
9 = SFIC (7 Pin)

**Function**

0 = Cylinder x Thumbturn  
1 = Cylinder x Thumbturn (Classroom)  
2 = Cylinder x Cylinder  
3 = Cylinder x Cylinder (Captive)  
4 = Cylinder x Plate (mounting screws on plate side)  
5 = Dummy x Thumbturn  
6 = Dummy x Cylinder  
7 = Dummy x Plate (mounting screws on cylinders side)  
8 = Plate x Thumbturn  
9 = Plate x Cylinder  
D = Dummy x Dummy  
P = Plate x Plate

**Backset**

1 = 2 3/8" Backset, 1 1/8" Front  
2 = 2 3/4" Backset, 1 1/8" Front  
3 = 2 3/8" Backset, 1" Front  
4 = 2 3/4" Backset, 1" Front  
5 = 2 3/8" Backset, Round Front  
6 = 2 3/4" Backset, Round Front  
L = Less Bolt Assembly

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“-” = Original, Z = Medeco Original KW CLIQ, G = Medeco XT \*\*\*See key section for surcharges for custom coined cut keys or special stamping requirements.

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# Medeco Maxum® Residential Deadbolt

Designed with a residential aesthetic, the ANSI Grade 1 Maxum deadbolt offers superior physical protection from breaking and attack. Available as a single-cylinder, double-cylinder or with a unique “captive thumbturn” cylinder, the Medeco<sup>3</sup> cylinder provides triple locking security from picking and key duplication. The captive thumbturn converts the inside cylinder to a thumbturn for safe exit when the facility is occupied. A quick conversion when the facility is not occupied returns it to double cylinder mode and guards against unauthorized entry or exit. Maxum® deadbolts offer maximum protection with solid-brass construction, along with anti-drilling and anti-prying features.



## Patented Key Control

Protects against unauthorized duplication of your keys.



## Certified Grade 1

BHMA certified Grade 1, passes to the highest standards in the industry.



## Drill Protection

Offers maximum protection with solid-brass construction and strategically placed drill pins.



## Protection From Physical Attack

The Medeco<sup>3</sup> Maxum Deadbolts are UL 437 Listed and stand up to prying, 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.

- ANSI/BHMA A156.30 and UL437 Listed cylinders for high security
- Fits doors 1 3/8" to 2 1/2" thick
- Standard 2 1/8" crossbore and 1" edge bore (ANSI A115.13 prep)

## Warranty:

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

## Finishes:

Available in all standard finishes to match existing hardware.

## Applications:

It is the ideal choice for a wide variety of commercial and heavy duty residential applications where consistent quality, ease of use and installation are required. Ideal applications include:

- Apartments
- Retail outlets
- Residences
- Multi-family Units

## Available Key Technologies:

### Mechanical:

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

### eCylinder:

- M<sup>3</sup> CLIQ
- Classic CLIQ

## Technical Information:

- SFIC cylinder options include Medeco X4 and Medeco XT
- Unique “captive thumbturn” option available
- Bolt is designed for easy conversion accommodating either mortise or drive-in applications
- Solid-brass construction with steel inserts for added protection

## Single Cylinder Maxum Deadbolt – Residential Trim

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
5 Pin Single Cylinder Deadbolt, 1" Faceplate, 2-3/8" Backset	11R503 (P)					
	11R503 (S)					
5 Pin Single Cylinder Deadbolt, 1" Faceplate, 2-3/4" Backset	11R504 (P)					
	11R504 (S)					
6 Pin Single Cylinder Deadbolt, 1" Faceplate, 2-3/8" Backset	11R603 (P)					
	11R603 (S)					
6 Pin Single Cylinder Deadbolt, 1" Faceplate, 2-3/4" Backset	11R604 (P)					
	11R604 (S)					
Single Dummy Trim Deadbolt (5 Pin Length)	11R57L					
Single Dummy Trim Deadbolt (6 Pin Length)	11R67L					

## Double Cylinder Maxum Deadbolt – Residential Trim

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
5 Pin Double Cylinder Deadbolt 1" Faceplate, 2 3/8" Backset	11R523 (P)					
	11R523 (S)					
5 Pin Double Cylinder Deadbolt 1" Faceplate, 2 3/4" Backset	11R524 (P)					
	11R524 (S)					
6 Pin Double Cylinder Deadbolt, 1" Faceplate, 2 3/8" Backset	11R623 (P)					
	11R623 (S)					
6 Pin Double Cylinder Deadbolt, 1" Faceplate, 2 3/4" Backset	11R624 (P)					
	11R624 (S)					
Double Dummy Trim Deadbolt (5 Pin Length)	11R5DL					
Double Dummy Trim Deadbolt (6 Pin Length)	11R6DL					

## Double Cyl. Captive Thumbturn Maxum – Residential Trim

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
5 Pin Captive Thumbturn Double Cylinder Deadbolt, 2 3/8" Backset	11R533 (P)					
	11R533 (S)					
5 Pin Captive Thumbturn Double Cylinder Deadbolt, 2 3/4" Backset	11R534 (P)					
	11R534 (S)					
6 Pin Captive Thumbturn Double Cylinder Deadbolt, 1" Faceplate, 2 3/8" Backset	11R633 (P)					
	11R633 (S)					
6 Pin Captive Thumbturn Double Cylinder Deadbolt, 1" Faceplate, 2 3/4" Backset	11R634 (P)					
	11R634 (S)					

## Cylinder Plugs for Maxum – Residential Deadbolts

Description	Part Number	M <sup>3</sup>	BiLevel	X4	Biax/Orig	KeyMark
6 pin plug for Maxum Residential Deadbolt (except inside captive thumbturn)	1202800					
6 pin plug for Maxum Residential Deadbolt inside captive thumbturn	1202900					
5 pin plug for Maxum Residential Deadbolt (except inside captive thumbturn)	1236200					
5 pin plug for Maxum Residential Deadbolt inside captive thumbturn	1243400					

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