Large Format Interchangeable Core

Offering increased security without costly and time-consuming rekeying, interchangeable core cylinders enable quick and easy cylinder changes by non-technical personnel by using a special control key to remove the cylinder (core) from the lock housing. A core with a new combination can then be inserted, which in effect rekeys the lock. LFIC cylinders are often used on doors of high-turnover businesses, like fast-food or manufacturing environments, where rapid rekeying is often desirable. Medeco 4's (M4) patent-pending high security technology provides protection against unauthorized duplication of keys, along with hardened inserts to resist drilling, and features that protect against other types of attack.

Key Control

Patent-pending key control protects against unauthorized duplication of keys.

Protection Against 3D Printing

A patent-pending movable element in the key deters unauthorized 3D printed copies of keys or blanks.

Picking and Bumping Protection

M4 cylinders use cylinder side pins, a lift pin and a movable key element to engage a sidebar that prevents the key from turning until the elements are rotated and aligned in the correct position, protecting against bumping, picking and other attacks.

Protection From Physical Attack

M4 LFIC cylinders are UL 437 listed to stand up to drilling, picking and other forms of physical attack.

Special Angled Cut Keys

A special key cutting machine and access to Medeco-specific blanks are required to duplicate M4 keys, which are available in multiple levels of restriction to support every need.

Quickly Change Cores

Provides quick and easy cylinder changes in the event keys are lost or stolen.

Uses Existing Hardware

Medeco offers a large selection of retrofit LFIC that reduce cost by eliminating the need to replace existing hardware.

Master Keying Capabilities

M4 cylinders can be master keyed into a system that includes M4 and M4 BiLevel keys and cylinders. Very large systems are possible.

Technical Information:
- Meets ANSI A156.30 assuring patent protected key control and physical strength (M4, M^3)
- ANSI A156.5 Grade 1 certification assures consistent quality for heavy use applications (Medeco 4, M^3)
- Solid brass construction provides high quality and long cylinder life
- Nickel plated pins provide exceptional wear resistance and additional hardened stainless steel pins provide drill resistance
- Ability to key with non-interchangeable core cylinders for cost effective system flexibility

Applications:
Office buildings, universities, apartments, perimeter doors, schools and hospitals.

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

Finishes:
Available in all standard finishes to match with existing hardware.

Available Technologies:

Mechanical:	Intelligent Key:
– M4/M4 BiLevel	– M^3 CLIQ
– M^3/M^3 BiLevel	– Classic CLIQ
– X4	– XT
	– X4 CLIQ

Experience a safer
and more open world

medeco®

ASSA ABLOY

Build a Base Part

Choose the manufacturer you are retrofitting	Choose the number of pins	Beginning of your Part Number
Medeco	5	32
Medeco	6	32
Schlage	5 (M4 and M3 only)	322201
Schlage	6 (X4 only, Note: requires 7 pin key blank – KYB387631XX05)	322201
Corbin Russwin	6	322301
Corbin Russwin	7	322801
Sargent	6	322401
Yale	6 (requires special 6 pin control blank)	310100
Yale	7 (requires special 6 pin control blank)	310100A

How to Order Large Format Interchangeable Cores:

(P) = Pinned   (S) = Sub-Assembled

XX XXXX X XX XX X XXX

Large Format Interchangeable Core

Obtain from Product Listing

Technology
H = M4
P = M4 BiLevel
T = M3
J = M3 BiLevel
S = M3 CLIQ
W = Biaxial
- = Original
K = KM
C = Classic CLIQ
N = X4
M = X4 CLIQ
G = XT

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)

Side Pin Code (M4 only)
Insert side pin code if known or contact Customer Service for help.

Pinning
S = Sub Assembled
N = Sub Assembled
  – No side pins (M4 only)
  – No slider (M3 only)
P = Pinned
M = Master Keyed
R = Master Keyed blade and side pins (M4 only)

Keyway
Insert key if known, or contact Customer Service for assistance.

For legacy technology pricing, call Customer Service or visit Medeco.com.

Large Format Interchangeable Core
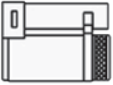
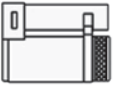| Description		Part Number	M4	M4 BiLevel	M3	M3 BiLevel	X4
	Yale® Large Format Interchangeable Core, 6 Pin (Masterkey upcharges apply)	310100 (P)					
		310100 (S)					
	Control Key blank for 31-0100 cylinders	KYB XX6X11					
	6 Pin Core for 7 Pin Yale® Large Format Interchangeable Core Housing (Masterkey upcharges apply)	310100A (P)					
		310100A (S)					
	Control key blank for 31-0100A cylinders	KYB XX7X11					
	5 Pin Large Format Interchangeable Core (Masterkey upcharges apply)	320101 (P)					
		320101 (S)					
	5 Pin Large Format Interchangeable Core for Simplex® Unican® 1000-2m Manufactured Before 2/10/92 (Masterkey upcharges apply)	320101H (P)					
		320101H (S)					
	6 Pin Large Format Interchangeable Core (Masterkey upcharges apply)	320201 (P)					
		320201 (S)					
	6 Pin Large Format Interchangeable Core for Simplex® Unican® 1000-2m Manufactured Before 2/10/92 (Masterkey upcharges apply)	320201H (P)					
		320201H (S)					
	6 Pin Large Format Hotel Function Interchangeable Core (Masterkey upcharges apply)	321201 (P)					
		321201 (S)					
	6 Pin Large Format Interchangeable Core with Extended Plug Face (Masterkey upcharges apply)	324201 (P)					
		324201 (S)					
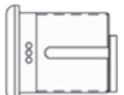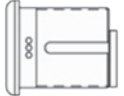
(P) = Pinned (combinated)
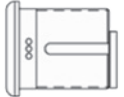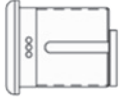(S) = Sub-assembled (uncombinated)
Surcharges for Master Keying, Custom Coining and Custom Stamping apply, see page 195.
Refer to the XT and CLIQ Intelligent Key sections for format availability and pricing.

Large Format Interchangeable Core

Description		Part Number	M4	M4 BiLevel	M3	M3 BiLevel	X4
	6 Pin Emergency Key blank for 321201	KYB XX6620 XX 05					
	6 Pin Large Format Interchangeable Core (Schlage®) – (Masterkey upcharges apply)	322201 (P)					
		322201 (S)					
	X4 Control Key blank for 322201	KYB XX7X31					
	5 Pin Large Format Interchangeable Core (Schlage®) – (Masterkey upcharges apply)	322201 (P)					
		322201 (S)					
	M^3 Control Key blank for 322201	KYB XX6X31					
	6 Pin Large Format Interchangeable Core (Corbin Russwin®) (Masterkey upcharges apply) Not available in Original Technology*	322301 (P)					
		322301 (S)					
	6 Pin Large Format Interchangeable Core (Sargent®), (Masterkey upcharges apply)	322401 (P)					
		322401 (S)					
	7 Pin Large Format Interchangeable Core (Corbin Russwin®), (Masterkey upcharges apply)	322801 (P)					
		322801 (S)					

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Refer to the XT and CLIQ Intelligent Key sections for format availability and pricing.

LFIC Mortise Cylinders

Description	Part Number	M4	M4 BiLevel	M3	M3 BiLevel	X4
6 Pin Mortise Cylinder for Yale® (Masterkey upcharges apply)	310101 (P)					
	310101 (S)					
7 Pin Mortise Cylinder Assembly for Yale® (Masterkey upcharges apply)	310101A (P)					
	310101A (S)					
5 Pin 1-1/8" Mortise Cylinder Assembly (Masterkey upcharges apply)	320100 (P)					
	320100 (S)					
6 Pin 1-1/4" Mortise Cylinder Assembly (Masterkey upcharges apply)	320200 (P)					
	320200 (S)					
6 Pin LFIC Mortise Cylinder Assembly Hotel Function (Masterkey upcharges apply)	321200 (P)					
	321200 (S)					
6 Pin Mortise Cylinder Master Corbin Russwin® Ring Size Assembly (Masterkey upcharges apply)	321350 (P)					
	321350 (S)					
6 Pin 1-1/2" LFIC Mortise Cylinder Assembly (Masterkey upcharges apply)	325200 (P)					
	325200 (S)					
6 Pin 1-3/4" LFIC Mortise Cylinder Assembly (Masterkey upcharges apply)	325400 (P)					
	325400 (S)					
6 Pin 2" LFIC Mortise Cylinder Assembly (Masterkey upcharges apply)	325500 (P)					
	325500 (S)					
6 Pin 2-5/8" LFIC Mortise Assembly (Masterkey upcharges apply)	325600 (P)					
	325600 (S)					
6 Pin 3" LFIC Mortise Assembly (Masterkey upcharges apply)	325700 (P)					
	325700 (S)					

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Refer to the XT and CLIQ Intelligent Key sections for format availability and pricing.

LFIC Mortise Housings

Description		Part Number	Price
	5 Pin Mortise Cylinder Housing	32-0175	
	6 Pin Mortise Cylinder Housing	32-0275	
	6 Pin Jumbo Mortise Cylinder Housing for Corbin® Russwin® Master Ring Cylinders	32-1375	
	1-1/2" Mortise Cylinder Housing for 32-5200	32-5275	
	1-3/4" Mortise Cylinder Housing for 32-5400	32-5475	
	2" Mortise Cylinder Housing for 32-5500	32-5575	
	2-1/4" Mortise Cylinder Housing for 32-5300	32-5375	
	2-5/8" Mortise Cylinder Housing for 32-5600	32-5675	
	3" Mortise Cylinder Housing for 32-5700	32-5775	
	6 Pin 1 3/8" Mortise Cylinder Housing (Yale®)	31-0175	
	7 Pin Mortise Cylinder Housing (Yale®)	31-0175A	
	2-1/4" Mortise Cylinder Housing (Yale®)	31-5375	

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LFIC Rim Cylinders

Description	Part Number	M4	M4 BiLevel	M3	M3 BiLevel	X4
6 Pin Rim Cylinder Assembly for Yale®, Horizontal Tailpiece (Masterkey upcharges apply)	310102H (P)					
	310102H (S)					
6 Pin Rim Cylinder Assembly for Yale®, Vertical Tailpiece (Masterkey upcharges apply)	310102V (P)					
	310102V (S)					
7 Pin Rim Cylinder Assembly for Yale®, Horizontal Tailpiece (Masterkey upcharges apply)	310104H (P)					
	310104H (S)					
7 Pin Rim Cylinder Assembly for Yale®, Vertical Tailpiece (Masterkey upcharges apply)	310104V (P)					
	310104V (S)					
5 Pin Rim Cylinder Assembly with Horizontal Tailpiece and Staked Tailpiece Retainer for Thin Door Applications (Masterkey upcharges apply)	320300H (P)					
	320300H (S)					
5 Pin Rim Cylinder Assembly, Vertical Tailpiece (Masterkey upcharges apply)	320300V (P)					
	320300V (S)					
6 Pin Rim Cylinder Assembly, Horizontal Tailpiece (Masterkey upcharges apply)	320400H (P)					
	320400H (S)					
6 Pin Rim Cylinder Assembly, Vertical Tailpiece (Masterkey upcharges apply)	320400V (P)					
	320400V (S)					
5 Pin Rim Cylinder Assembly with Lazy Motion Tailpiece (Masterkey upcharges apply)	320600 (P)					
	320600 (S)					
6 Pin Lazy Motion Rim Cylinder Assembly (Masterkey upcharges apply)	320700 (P)					
	320700 (S)					
6 pin Rim Cylinder with Sargent mounting holes (Masterkey upcharges apply)	320405H (P)					
	320405H (S)					

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LFIC Rim Cylinder Housings

Description	Part Number	Price
7 Pin Rim Cylinder Housing (Yale®), Horizontal Tailpiece	31-0153H	
7 Pin Rim Cylinder Housing (Yale®), Vertical Talpiece	31-0153V	
6 Pin 1-1/2" Rim Cylinder Housing (31 series for Yale®), Horizontal Tailpiece	31-0375H	
6 Pin 1-1/2" Rim Cylinder Housing (31 series for Yale), Vertical Tailpiece	31-0375V	
6 Pin Rim Cylinder Housing - 31 Series with Sargent® mounting hole spacing	31-0375S	
5 Pin Rim Cylinder Housing, Horizontal Tailpiece	32-0375H	
5 Pin Rim Cylinder Housing, Vertical Tailpiece	32-0375V	
6 Pin Rim Cylinder Housing, Horizontal Tailpiece	32-0475H	
6 Pin Rim Housing,Vertical Tailpiece	32-0475V	
6 Pin Rim Cylinder Housing – 32 Series with Sargent® mounting hole spacing	32-0477H	
5 Pin Rim Cylinder Housing with Lazy Motion Tailpiece	32-0675	
6 Pin Rim Lazy Motion Cylinder Housing	32-0775	

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