

Medeco X4

All facilities need patented key control to effectively secure exterior and interior openings. This strength of integrity allows security managers to have peace of mind when it comes to managing the system. Unfortunately, instituting a new key system is not always easy... or economical.

Medeco X4 is an economic and efficient solution to rekeying needs. Medeco X4 has one of the largest master key capabilities on the market, allowing facility managers to tie everything together under one key for ease, convenience and efficiency. Additionally, Medeco X4 easily retrofits into existing systems, significantly reducing installation time.

Medeco X4 is the perfect security upgrade for small format interchangeable core (SFIC) installations. In addition to SFIC cylinders, Medeco X4 is also available in many other styles of retrofit cylinders that can all be keyed into a single system.



Patented Key Control

Protects against unauthorized duplication of your keys.



Uses Existing Hardware

Medeco X4 is available in a large selection of retrofit cylinder formats that can all be keyed into a single system.



Quickly Change Cores

Medeco X4 SFIC cylinder provides quick and easy cylinder changes in the event keys are lost or stolen.



Can be Masterkeyed

Available in Small Format Interchangeable Cores (SFIC) and other retrofit cylinder formats which can be masterkeyed together, eliminating the need to replace your existing hardware.

Technical Information:

- Superior Masterkey Capabilities, up to four (4) times that of similar style cylinders
- One key flexibility for different cylinder styles compatible
- Patented key control lasting until the year 2027
- Custom key coining for added security

Applications:

The Medeco X4 retrofit cylinders are ideal for any application requiring key control and physical security of your cylinders

Warranty:

Medeco X4 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
- Small Format Interchangeable Cores
- Large Format Interchangeable Cores
- 14 Series Grade 2 Deadbolt
- Padlocks

Padlocks

FEATURES	Medeco ³	BiLevel	Medeco X4	CLIQ	Medeco XT	Nexgen
Protector II						
Protector II body accepts 6 pin knob style cylinders	●	●	●	●	●	
Protector II is available as key retaining only	●	●	●	●	●	
System Series						
System Series body accepts knob style cylinders	●	●	●	●	●	
System Series body accepts large format interchangeable cylinders	●	●		●		
System Series body accepts 6 or 7 pin small format interchangeable cores			●		●	
Non-Key retaining and key retaining models available	●	●	●	●	●	
Hockey Puck						
Hockey Puck body accepts knob style 5 pin cylinder	●	●				
Hockey Puck body accepts knob style 6 pin cylinder			●			
Hockey Puck is available as non- key retaining only	●	●	●		●	
G8R						
G8R body accepts a pop-out cylinder	●			●	●	●
Sold less cylinder	●			●	●	●
All Padlocks						
UL437 Listing & BHMA Certification for high security	●					
Easily integrated into master key systems for key security and convenience	●	●	●			
Patented key control to protect against unauthorized duplication	●	●	●			

Medeco³ Premium High Security

For effective mechanical protection against most forms of attack as well as protection against unauthorized duplicate keys, Medeco³ cylinders are recommended. Security features including hardened steel components, pins that must be elevated, rotated, and interact with both a sidebar and a slider, and additional pick resistant features make Medeco³ the cylinder of choice to protect people, property and information.

Medeco³ BiLevel Patented Key Control

Medeco³ BiLevel cylinders may be incorporated into a master key system with Medeco³ high security, offering protection against all types of attack where needed, and patented key control cylinders for areas requiring less protection. BiLevel cylinders offer patented control against unauthorized duplication of keys without the additional security features protecting against force or surreptitious attack.

Medeco X4 Patented Key Control

Medeco X4 cylinders offer patented control against unauthorized duplication of keys without the additional security features protecting against force or surreptitious attack.

Loss & Liability Control

Many of the cylinders in this section are also available with an eCylinder Loss & Liability Control Solution. See the eCylinder Section for more details.

How to Order System Series Padlocks:

1

5451500
base part #

Refer to pages 145-154 for descriptions and technical specifications to find the corresponding base part number.

2

T
cylinder

– = Original

T = Medeco³

W = Biaxial

J = Medeco³ BiLevel

C = Medeco CLIQ

N = Medeco X4

G = Medeco XT

K = Medeco KM

3

06
finish

Insert 06 for Satin Brass finish.

4

LT
keyway

Insert keyway if known or contact Customer Service for help.

5

S
pinning

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 SYSTEM SERIES PADLOCK BASE PART

54XXXX X X

<p>Prefix _____</p> <p>Shackle (Diameter), Feature, Clearance _____</p> <p>315 = 5/16" Diameter, Weather, 1 1/8" SFIC 31F = 5/16" Diameter, Weather, 2 3/8" SFIC 325 = 5/16" Diameter, Shrouded, 3/4" SFIC 335 = 5/16" Diameter, Weather, 1 1/8" SFIC 7 Pin 33F = 5/16" Diameter, Weather, 2 3/8" SFIC 7 Pin 345 = 5/16" Diameter, Shrouded, 3/4" SFIC 7 Pin 415 = 7/16" Diameter, Weather, 1 3/8" SFIC 41F = 7/16" Diameter, Weather, 1 7/8" SFIC 425 = 7/16" Diameter, Shrouded, 3/4" SFIC 435 = 7/16" Diameter, Weather, 1 3/8" SFIC 7 Pin 43F = 7/16" Diameter, Weather, 1 7/8" SFIC 7 Pin 445 = 7/16" Diameter, Shrouded, 3/4" SFIC 7 Pin 515 = 5/16" Diameter, Weather, 1 1/8" KIK 51F = 5/16" Diameter, Weather, 2 3/8" KIK 525 = 5/16" Diameter, Shrouded, 3/4" KIK 615 = 5/16" Diameter, Weather, 1 1/8" LFIC 61F = 5/16" Diameter, Weather, 2 3/8" LFIC 625 = 5/16" Diameter, Shrouded, 3/4" LFIC 715 = 7/16" Diameter, Weather, 1 3/8" KIK 71F = 7/16" Diameter, Weather, 1 7/8" KIK 725 = 7/16" Diameter, Shrouded, 3/4" KIK 815 = 7/16" Diameter, Weather, 1 3/8" LFIC 81F = 7/16" Diameter, Weather, 1 7/8" LFIC 825 = 7/16" Diameter, Shrouded, 3/4" LFIC</p>	<p>Standard Options</p> <p>Blank = None T = Thick Head (SFIC Only)</p> <p>Shackle Material</p> <p>0 = Boron Alloy Steel 1 = Stainless Steel</p> <p>Key Function</p> <p>0 = Non-Key Retaining K = Less Cylinder (Key Retaining) L = Less Cylinder (Non-Key Retaining) R = Key Retaining</p>
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System Series Padlocks

The Medeco® System Series padlock offers a high security solution for a multitude of applications and are available in two distinctive body styles, an indoor/outdoor weather resistant design or with a shrouded shackle. Both models utilize a boron alloy steel shackle which provides protection to resist cutting and increased tensile strength to resist pulling attacks. The boron alloy steel also ensures that the shackle has an exceptional degree of ductility and is not brittle. The cylinder itself uses hardened, stainless steel inserts to provide the ultimate defense against drilling, pulling and other forms of vandal attack. Patented key programs prevent the unauthorized duplication of keys and maintain system integrity. Medeco's new premium high security padlocks can be keyed alike, keyed differently, or masterkeyed with existing door hardware systems. The Medeco³ unique design provides triple locking action, making the locks virtually pick proof. All Medeco³ keys and locks are protected under patent, trademark, and copyright laws. Medeco³ keys may only be duplicated by Medeco® or by a Medeco® authorized sales outlet, and only at your request.



Patented Key Control

Protects against unauthorized duplication of your keys.



Protection From Physical Attack

Medeco³ padlock cylinders are UL 437 listed and stand up to drilling, picking and other forms of physical attack.



Proprietary Deadlocking Shackle

Boron alloy steel shackles protect against cutting and pulling attacks.



Can Be Masterkeyed

Medeco System Series Padlocks can be masterkeyed into a system containing Medeco BiLevel and Medeco³ mechanical as well as Medeco³ CLIQ eCylinders.



Available in eCylinder

System Series Padlocks are also available with Medeco eCylinders for Loss & Liability control.



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 Features:

- Available with either a 5/16 inch or a 7/16 inch shackle diameter.
- Available in Indoor/Outdoor weather resistant design or with a shrouded shackle.
- Extended shackles available for Indoor/Outdoor padlocks only.
- The shrouded shackle design provides extra shackle protection against cutting attacks.
- All Medeco® cylinders are constructed of durable machined brass components, designed to last the life of your equipment.
- Boron alloy steel shackle which protects against cutting and pulling attacks.
- Available in a variety of different shackle lengths.

Applications:

Used in a variety of different indoor or outdoor applications where high security and key control are a primary concern.

Warranty:

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

Finishes:

The padlock comes in a standard black body cover and the cylinders are furnished in the satin brass finish.

Available Key Technologies:

Mechanical:

- Medeco³
- Medeco³ BiLevel
- Medeco X4

eCylinder:

- Medeco3 CLIQ
- Medeco CLIQ
- Medeco XT

Indoor/Outdoor Padlock, 5/16" Shackle -6 Pin SFIC

Description	Part Number	Medeco ³	BiLevel	Medeco X4	eCylinder
Indoor/Outdoor Padlock, Non-Key Retaining, 1 1/8" Shackle Clearance, With Cylinder	5431500 (P) 5431500 (S)				
Indoor/Outdoor Padlock, Key Retaining, 1 1/8" Shackle Clearance, With Cylinder	54315R0 (P) 54315R0 (S)				
Indoor/Outdoor Padlock, Non-Key Retaining, 2 3/8" Shackle Clearance, With Cylinder	5431F00 (P) 5431F00 (S)				
Indoor/Outdoor Padlock, Key Retaining, 2 3/8" Shackle Clearance, With Cylinder	5431FR0 (P) 5431FR0 (S)				

Indoor/Outdoor Padlock, 5/16" Shackle -7 Pin SFIC

Description	Part Number	Medeco ³	BiLevel	Medeco X4	eCylinder
Indoor/Outdoor Padlock, Non-Key Retaining, 1 1/8" Shackle Clearance, With Cylinder	5433500 (P) 5433500 (S)				
Indoor/Outdoor Padlock, Key Retaining, 1 1/8" Shackle Clearance, With Cylinder	54335R0 (P) 54335R0 (S)				
Indoor/Outdoor Padlock, Non-Key Retaining, 2 3/8" Shackle Clearance, With Cylinder	5433F00 (P) 5433F00 (S)				
Indoor/Outdoor Padlock, Key Retaining, 2 3/8" Shackle Clearance, With Cylinder	5433FR0 (P) 5433FR0 (S)				

Indoor/Outdoor Padlock, 5/16" Shackle -Less SFIC

Description	Part Number	Price
Indoor/Outdoor Padlock, Key Retaining, 1 1/8" Shackle Clearance, Less Cylinder	54315K0	
Indoor/Outdoor Padlock, Non-Key Retaining, 1 1/8" Shackle Clearance, Less Cylinder	54315L0	
Indoor/Outdoor Padlock, Key Retaining, 2 3/8" Shackle Clearance, Less Cylinder	5431FK0	
Indoor/Outdoor Padlock, Non-Key Retaining, 2 3/8" Shackle Clearance, Less Cylinder	5431FL0	

**Refer to the eCylinder section for more detail on specific technologies available and pricing. Technologies are represented by the following letters:

T = Medeco³, S = Medeco³ CLIQ, J = Medeco³ BiLevel, W = Biaxial, V = Medeco Biaxial CLIQ, K = Medeco KM, N = Medeco X4, C = Medeco 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-Pinned** at the end of each part string in the price book.