

ASSA ABLOY, the global leader  
in door opening solutions

ASSA ABLOY



smart<sup>SFIC</sup>solutions™

Product Catalog

A Smart Way To Think About  
Small Format Interchangeable Cores

[smartsficsolutions.com](http://smartsficsolutions.com)

**ARROW**™  
LOCK & DOOR HARDWARE

**medeco**®  
HIGH SECURITY LOCKS

Medeco Nexgen XT, is a retrofit electronic cylinder for small format interchangeable core (SFIC). The SFIC cylinder is ideal for loss and liability management as a direct replacement for mechanical cylinders. The easy system management allows for flexibility in access and the ability to monitor usage of keys. The cylinder is powered by the rechargeable key so no wiring or power supply is needed. The small sleek design of the key and the powerful cylinder is ideal for harsh environments. Flexible authorization, auditing of use, and quick retrofit to existing hardware are all in one convenient package.



## Nexgen XT Cylinder

- Convenient access programming for retrofit cylinder with no wiring or power supply necessary and no risk of unauthorized mechanical key duplication
- Robust cylinder that securely operates in challenging environments with stainless steel components
- Retrofits into any Small Format Interchangeable Core with deadlatch control sleeve to securely lock in place
- 2000 audit events stored in cylinder
- Protects against lost keys with unauthorized key list programmed in cylinder
- Installs in standard hardware with no wiring or other modifications
- User friendly software provides audit information obtained from the key or cylinder



## Nexgen XT Key

- Convenient, small robust electronic key with stainless steel housing that fits on your key ring
- Individual key charger and rechargeable battery assures key is always fully charged, up to 800 openings per charge
- Flexible Memory Allocation lets the user decide how the memory is to be used
  - 5,000 authorizations maximum
  - 5,000 audit events maximum
- Convenient key programming of cylinder eliminates need for removal of cylinder
- Web programming options allow for flexible system management



## Nexgen XT Cylinder Types Available

Description	Part Number
Small Format Interchangeable Core (SFIC) Cylinder	EA-100108

## Nexgen XT Support

Description	Part Number
Nexgen XT Software	EV-4515
Nexgen XT Host Kit (Software, USB Cable, USB Programming Station, USB System Dongle)	EV-4514
Nexgen XT USB Key Programming Station	EA-100109
Nexgen XT Portable Key Charging Adapter	EA-100088
Nexgen XT USB System Dongle	EA-250050
USB 2.0 Cable, (A to B Micro, 1.2m)	EA-200058
USB Vehicle Power Supply (no cable)	EA-200057
USB Wall Power Supply (no cable)	EA-200056
Smart SFIC Solutions Demo Kit (Includes Arrow, KeyMark, and Nexgen XT SFIC Demo Cylinders)	94-0269
User Manual	Available Online

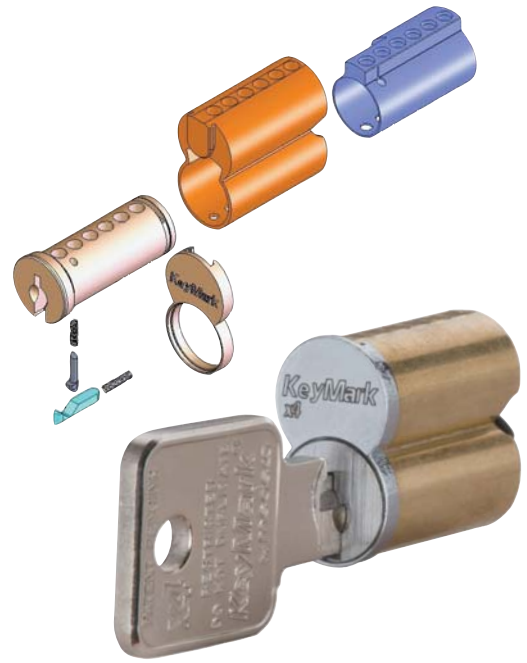
## Nexgen XT Keys

Description	Part Number
Nexgen XT Keys (can be programmed to operate as a single operating key, a control key or an audit function key)	EA-100107
Nexgen XT Key and Portable Key Charging Adapter	94-0239
Install/Demo Key (works cylinders not yet programmed to a system)	EA-100111
Install/Demo Control Key (works I/C cylinders not yet programmed to a system)	EA-100110

# 4 KeyMark x4

by medeco

KeyMark x4 leads the market in patent protected small format interchangeable core (SFIC) cylinders, large format interchangeable core (LFIC) cylinders, conventional mortise, rim and key-in-knob cylinders designed to retrofit virtually any door. All of these cylinders can be operated with one key. With patents extending through 2027 and the ability to expand key systems to four times that of standard SFIC, KeyMark x4 is guaranteed to be an important product to suit your needs.



## KeyMark x4 Features

- Utilizes the standard A2 pinning system in conjunction with a bitted slider locking arrangement which allows for more master keying capabilities for large master key systems. Up to 65,536 unique change keys in a 7 pin master key system on a single keyway
- Expandable, simple master keying available in SFIC and LFIC, as well as standard key-in-knob, mortise, and rim cylinders
- SFIC's are available in six or seven pin cylinders, and can replace Best style cores
- Rim and mortise cylinders are available in 6 or 7 pin cylinders
- Key-in-knob cylinders are available in 6 pin cylinders
- Standard Medeco cams and tailpieces can be used on KeyMark x4 cylinders
- Keys can be cut using many standard code type key machines such as the Pro-Lok Blue Punch, A1 Green Machine, the ITL 9000, HPC 1200 with the B clamp and the CW-90MC cutter and card for cutting Best/Falcon/Arrow

## KeyMark x4 Advantages

- Superior Masterkey Capabilities
- Retrofitability
- One Key Flexibility
- Patented key control (prevents unauthorized key duplication)
- Patent protection lasting through the year 2027
- Custom key coining (for added security)
- Lifetime warranty on keys
- Solid brass machined construction with tight tolerances (ensures long-lasting, quality operation)
- Available in most cylinder types (providing for flexibility in retrofitting existing hardware)
- Available in 13 architectural finishes (easily matches existing hardware)
- Temporary construction cores available
- Manufactured in the USA



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# KeyMark x4

by medeco

## Small Format Interchangeable Core

Description	Part Number
SFIC 6 Pin KeyMark	33N600006
SFIC 7 Pin KeyMark	33N700006

## SFIC Mortise Cylinders

Description	Part Number
6 Pin SFIC 1-1/4" Mortise Assembly	33N602012
6 Pin SFIC 1-3/8" Mortise Assembly	33N602022
6 Pin SFIC 7/8" Mortise Assembly Tapered Head	33N602052
6 Pin SFIC 1" Mortise Assembly Tapered Head	33N602062
7 Pin SFIC 1-3/8" Mortise Assembly	33N702022
7 Pin SFIC 1-1/2" Mortise Assembly	33N7020E2
7 Pin SFIC 1" Mortise Assembly Tapered Head	33N702062
7 Pin SFIC 1" Mortise Assembly Corbin Jumbo	33N7020C2

## SFIC Rim Cylinders

Description	Part Number
6 Pin SFIC 1-1/8" Rim Assembly	33N602032
6 Pin SFIC 1-3/8" Rim Assembly	33N602042
7 Pin SFIC 1-3/8" Rim Assembly	33N702042
7 Pin SFIC 1-3/8" Rim Assembly	33N602042

## SFIC Mortise Housings

Description	Part Number
6 Pin SFIC 1-1/8" Mortise Housing	33-076011
6/7 Pin SFIC 1-1/4" Mortise Housing	33-076021
7 Pin SFIC 1-1/2" Mortise Housing	33-076025
6 Pin Corbin Master Ring Cylinder Housing	33-076028
6 Pin SFIC 7/8" Mortise Housing with Tapered Head	33-076051
6/7 Pin SFIC 1" Mortise Housing with Tapered Head	33-076061

## SFIC Rim Housings

Description	Part Number
6 Pin SFIC 1-1/2" Rim Housing	33-076031
7 Pin SFIC 1-1/2" Rim Housing	33-076041

## Large Format Interchangeable Core Cylinders

Description	Part Number
6 Pin KeyMark x4 Yale I/C	31N0100
7 Pin KeyMark x4 Yale I/C	31N0100A
6 Pin KeyMark x4 I/C Sargent	32N2401
6 Pin KeyMark x4 I/C Schlage	32N2201
6 Pin KeyMark x4 I/C Corbin Russwin	32N2301
7 Pin KeyMark x4 7 Pin I/C Corbin Russwin	32N2801



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# ARROW POINTE INTERCHANGEABLE CORE

Arrow Pointe interchangeable core products offer dealers unlimited flexibility and keying options. Available in standard 6 and 7 pin format in Arrow and competitive keyways, dealers can install Arrow Pointe in new or existing key systems. Arrow's unique manufacturing process gives Arrow Pointe interchangeable cores unmatched strength and durability. The core features four main components: The plug, shell, sleeve and faceplate. Our precision engineering design, keying capability and availability make Arrow Pointe interchangeable cores the most specified brand for commercial, industrial and institutional applications.



6 PIN  
INTERCHANGEABLE  
CORE

7 PIN  
INTERCHANGEABLE  
CORE

## Arrow Pointe Features

- Solid Brass Construction
- Reinforced Sleeve Design
- Combined or Uncombined
- US26D or US4 finish

## Arrow Pointe Key Blanks

Nickel Silver

Cat No.	Description
C x Keyway	6 or 7 Pin Key Blank
CP x Keyway	6 or 7 Pin Key Blank, Plain Bow



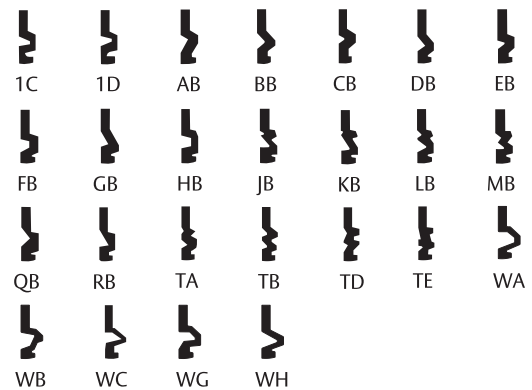
## Arrow Keyways

1C & 1D Standard keyways or restricted keyways – consult factory for availability.

## Arrow Pointe Interchangeable Cores

Cat No.	Description
100CR	6 Pin Core Combined
7100CR	7 Pin Core Combined
100CR-UC	6 Pin Core Uncombined
7100CR-UC	7 Pin Core Uncombined

### Arrow & Competitor Keyways:



Check at [www.arrowlock.com](http://www.arrowlock.com) for latest SFIC keyway list.

## Mortise Cylinder Housings

- Body-Brass, 1-5/32" diameter
- Furnished-with cam, cylinder collar
- Length-1-1/8" 6 pin only; 1-1/4" 6 or 7 pin

## Rim Cylinder Housing

- Body-Brass, 1-5/32" diameter; 6 or 7 pin tumbler
- Furnished-with backplate, cylinder collar 2 screws, tailpiece

## IC Mortise Housings

Description (16CR-001 cam supplied unless otherwise specified)

Description	Part Number
6 Pin Housings 1-1/8" – Standard	16CR-16X (cam)
6 Pin Housings 1-1/8" – Tapered	16CRT-16XAR18
6 Pin Housings 1-1/8" – Hotel (1-1/4")	16CRH-16XAM2
7 Pin Housings 1-1/4" – Standard	16CR-27X (cam)
7 Pin Housings 1-1/4" – Tapered	16CRT-27XAR18

## IC Rim Housings

Description	Part Number
6 Pin Housing	16RCR-16
7 Pin Housing	16RCR-27

## Cams

Staked cams for Arrow mortise cylinder applications

Functions & Applications	Part Number
Arrow 12, 17, 22, 23, 24, 27, 32 I/S, 33, 37	16CR-001
Arrow 11, 13, 15, 16, 19, 20, 21, 31, 32 O/S, 34, 38, 41, 42, 44	16CR-AM2
Arrow N Series, Exit Device, Exit Alarms	16CR-004
Schlage	16CR-006
Adams Rite	16CR-AR18

## Spacers

Description	Part Number
1/8" Spacer – Blocking Ring	16CR-123-1
1/4" Spacer – Blocking Ring	16CR-123-2
3/8" Spacer – Blocking Ring	16CR-123-3
Cylinder Collar & Spring	16-113A

Mortise Cylinder Housing



16CR-16X (Cam)

Tapered Mortise Cylinder Housing



16CRT-16XAR18

Rim Cylinder Housing

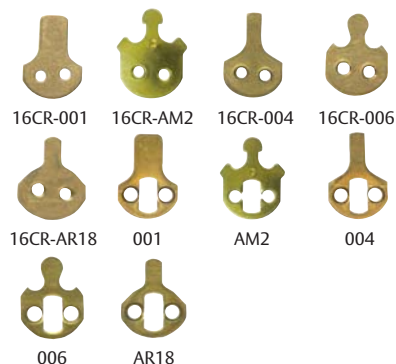


16RCR-16

Rear Staked on Cam



16CR-16XAM2



1/8" Spacer



16CR-123-1

1/4" Spacer



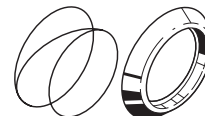
16CR-123-2

3/8" Spacer



16CR-123-3

Collar & Spring



16-113A

# Value Security Loss & Liability



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