

Standard, Small Format IC, and Patented Lock Cylinders & Key Systems

DORMA LOCK CYLINDERS & KEY SYSTEMS



A properly designed key system is crucial to creating a safe and secure building. Your key system needs to balance authorized access while maintaining security. DORMA is here to help.

One of the most important decisions that you will make when securing your facility is the design of your new key system. DORMA offers both products and master key design services to meet this critical need—from our patented serialized key control (SKC) key system to our experienced staff of locksmiths. DORMA can supply lock

cylinders, keys, and complete key systems designed to meet your specifications. From a small office building to an extensive multicampus university, DORMA Key Systems are designed to meet your requirements and exceed your expectations.

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DORMA USA quality and environmental management systems in Reamstown, PA and Steeleville, IL are certified to ISO 9001:2008 and ISO 14001:2004.





QUICK FACTS

DORMA Master Key Systems

- DORMA uses state-of-the-art software combined with many years of experience to design a master key system unique to your specification.
- Both non-patented and patented serialized key control (SKC) products are available for both new and existing key systems.
- DORMA SKC products are an affordable solution to unauthorized key duplication.
- DORMA offers a wide range of products—from conventional mortise, rim, and key-in-lever cylinders to small format interchangeable cores (SFIC).
- DORMA understands that your key system is yours. We assist our clients daily by providing all of the information necessary to maintain and expand their key systems.

DORMA Master Key System Department

- The DORMA Master Key
 Department works with you to
 design a practical key system
 that balances your need for
 security and ease of
 management.
- The key system team includes ALOA registered locksmiths (RL). We understand how key systems work in the real world.
- A key system specification questionnaire ensures that you get the system you want and that your order is processed quickly and accurately.
- DORMA verifies authority and password protects all records before any key system information is transferred.
- DORMA policy recognizes the authorized end user's right to a transcript (bitting list) of the master key system.



- Industry standard terminology and symbols (BHMA, DHI, ALOA) are used to prevent miscommunication and ease the transition to a local service provider.
- All key system records are carefully maintained, allowing existing systems to be supported and extended for future expansion.
- The DORMA Master Key
 Department fields regular calls
 from end users seeking
 information and assistance to
 maintain and extend their key
 systems.

PRODUCT FEATURES

DORMA General Product Features

- DORMA factory key systems use high quality brass lock cylinders with nickel silver key blanks and bottom pins to maximize the life span.
- SFIC cylinders in industry standard keyways are available, as well as DORMA's patented SKC system.
- DORMA also offers a wide range of retrofit lock cylinders in popular keyways, enabling service to many existing key systems.

DORMA Serialized Key Control (SKC) Features

- DORMA's patented Serialized Key Control (SKC) products fill your need for easy cost effective protection from unauthorized key duplication.
- For maximum protection against unauthorized key duplication, DORMA SKC systems are protected by United States patent law until the year 2025.
- DORMA SKC systems use a web-based key tracking system. Every key has a unique laser-etched serial number.

- DORMA uses a network of local certified key cutters (CKC program) to provide local service and support for your SKC or standard key system.
- DORMA's SKC institutional key cutter (IKC) program also supports end users who have their own in-house locksmiths.
- The SKC system allows you to mix standard lock cylinders with small format interchangeable core cylinders, allowing flexibility and cost savings.

SKC TECHNICAL DETAILS

Applications

SKC keys and cylinders combat unauthorized key duplication in commercial and institutional buildings. This product can be used wherever key control and key tracking are required. SKC cylinders can be used in any DORMA lock or exit device, as well as Schlage™, Best™, and many other popular products. DORMA SKC cylinders are available for small format interchangeable core (SFIC), conventional (non-IC) cylinder, and Schlage-style large format interchangeable core (LFIC) applications.

Features

Each DORMA SKC key and key blank is engraved with a unique serial number at the factory. Serial numbers are never repeated, allowing identification and tracking of each key.

Warranty

Lifetime warranty against key breakage.

Patent

United States Patent 7,571,629 expires August 11, 2025.

Keyway

DORMA D100 (standard). Other key sections made available for special projects.

Pins

Seven (7) nickel-silver pins (standard).

Keying

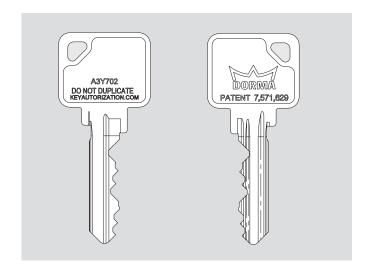
Factory master keying or O-bitted/uncombinated for end user keying.

Construction Keying

Master keyed conventional cylinders are available with lost ball construction keying. Any permanent key (change key or master key) will trigger the construction device. Interchangeable core locks and cylinders are available with temporary interchangeable cores. The temporary cores can be returned for a credit at the end of the construction project.

Service Items

Key machines, pin kits, and accessory and service items are available to support DORMA SKC systems in the field.





NOMENCLATURF

O-bitted—A cylinder keyed to a blank key for easy keying in the field. Interchangeable cores are not available 0-bitted. Use UNC for cores that will be keyed in the field.

CMK—A master keyed and construction keyed cylinder. DORMA uses the lost ball method in a dedicated pin chamber with either a 0.045 (SC) or a 0.075 (DORMA SKC) diameter construction ball. When the construction master key is no longer needed, a permanent key

acts as a breakout key and triggers the construction ball.

KA2—Keyed alike (2) in pairs to a random bitting.

KA4—Keyed alike (4) in sets of four to a random bitting.

KD—Keyed different to a random bitting.

MKD—Keyed into a master key system. This includes cylinders keyed to masters only and SKD groups.

NSK—Keyed alike to a random combination in multiples other than 2 or 4, or keyed to a customer-specified bitting.

UNC—An uncombinated interchangeable core without any caps, pins, springs, or key blanks that is ready for combinating (another word for keying) in the field.

TMP—A temporary interchangeable core spray painted black, blue, or green indicating its keyed alike group.

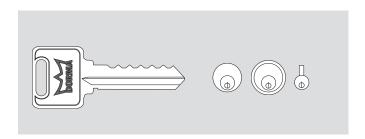
TMP cores do not offer the security of cores keyed to your own system. They make an opening functional for use during construction.

NOTE: DORMA strives to use industry accepted names and terms to describe our products, parts, methods, and procedures. DORMA uses terms accepted by the Associated Locksmiths of America (ALOA), the Door Hardware Institute (DHI), and the Building Hardware Manufactures Association (BHMA). By using industry standard language, we strive to provide accurate consistent service to our customers. If you are in doubt, please contact the DORMA Master Key Department.

DORMA FACTORY MASTER KEY SYSTEMS

Three product types are available master keyed.

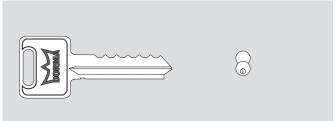
SC & SE Keyways



SC and SE keyways match standard C and E keyways by Schlage, Arrow, Baldwin, and others. 6-pin SC is the default keyway for non-IC locks. SC is available 0-bitted, in stock keying arrangements, factory master keyed, and construction keyed. SE is available 0-bitted,

master keyed, or construction keyed. Keys are nickel silver. When product is master keyed, all keys are ordered separately. Keys can be duplicated by locksmiths and home centers.

SFIC Keyways



SFIC Keyways are compatiible with Arrow, Best, and Falcon systems. 7-pin BA is the default for DORMA locks ordered with small format interchangeable cores (SFIC). Cores are available keyed or uncombinated. BA keys are nickel silver. When product is keyed, all keys are ordered separately.

We also offer BB, BC, BD, BE, BF, BG, BH, BJ, BK, BL, BM, and BQ keys and key blanks (stamped **Duplication Prohibited**). 6- and 7-pin cores are available. 7-pin is recommended for keying capacity. All DORMA locksets prepared for SFIC accept both 6- and 7-pin cores.

Keys can be duplicated by most locksmiths.

DORMA SKC - Patented Serialized Key Control

- Web-based key identification.
- 7-pin cores and cylinders.
- Tightly controlled key blanks can only be purchased and cut by an authorized partner.

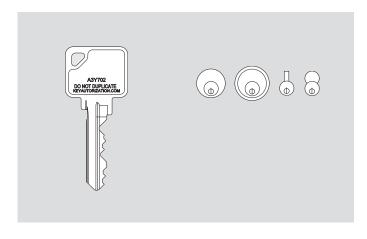
Serialized Key Control is an innovative web-based system in which every SKC key is engraved with a unique serial number. Blanks are restricted and sold only to agents under contract with DORMA. The chain of accountability is maintained at www.keyauthorization.com.

SKC is a 7-pin system that allows interkeying of small format interchangeable cores and conventional mortise, rim, and key-in-lever/knob cylinders. Key duplication can be done in the field by factory-authorized

commercial key cutters. SKC is ideal for institutions such as colleges, universities, school districts, healthcare facilities, government buildings, and military installations that need to prevent unauthorized key duplication.

End users have 24/7 real time web access to audit their keys and confirm who made them and when.

There are no stock SKC cylinders—every job is custom. Keys for combinated cores are ordered separately. 0-bitted cylinders and uncombinated cores are sold without blanks. All SKC key blanks are stamped **DO NOT DUPLICATE**.



SERIALIZED KEY CONTROL (SKC)

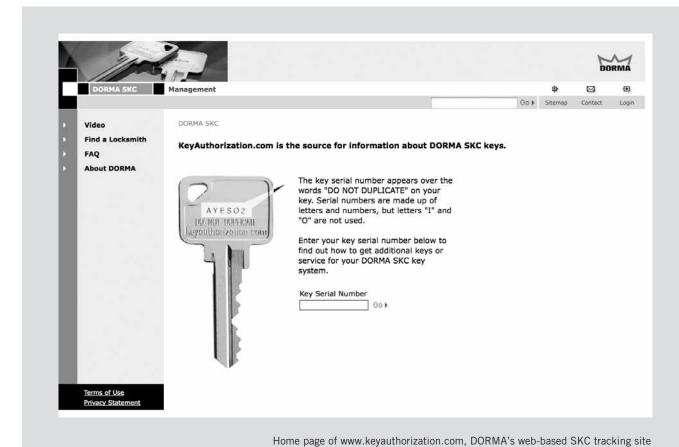
A leading cause of security breach is unauthorized key duplication. Using a common key available at a local hardware store is very convenient for both you and your rogue employee. Controlled, tracked, and authorized key duplication can solve many security problems.

DORMA's Serialized Key Control products can help you to regain control of your key system.

Like a snowflake, every SKC key blank is unique. A high tech laser engraves a six figure alphanumeric serial number on the head of every key blank.

This unique serial number allows you to track every key transaction on DORMA's patent-pending SKC tracking website.





O-BITTED RETROFIT CYLINDERS

For field additions to key Systems with popular keyways, DORMA offers 0-bitted retrofit cylinders. DORMA offers non-IC cylinders in other manufacturers' legacy keyways. These cylinders can be

used to key into existing systems, and are available 0-bitted only for keying in the field. All are 6-pin except YG for Yale GA, which is pinned 5, drilled 6.

DORMA Designation	Original Manufacturer	Ilco Blank Numbers	EZ Numbers	
AA	Arrow A	1179, A1179A	AR1, AR4	
CA	Corbin 60	1001EH, A1001EH	C087, C088	
СВ	Corbin 67	1001EN, 1001EG	CO7, CO36	
CC	Corbin 77	R1001EN, R1001EG	SK1, C062	
CD	Corbin 59A1	A1001AH, 1001AH	CO91	
CE	CorbinRusswin L4	A1011-L4, 1011-L4	RU101	
RA	Russwin 981	N1011P, A1011P	RU4, RU52, RU16	
RB	Russwin D1	1011D1, A1011D1	RU45, RU46	
GA	Sargent LA	01007LA, 1007LA	S22, S22 1/2	
SF	Schlage F	1145F, A1145F	SC7, SC10	
WA	Weiser E	1054WB, A1954WB	WR3.5, WR4	
YA	Yale 8	999, 999A	Y1, Y2	
YG	Yale GA	999GA, 998GA	Y78	

Available, includes 2 keys

Available, order keys separately

Available Keying Configurations	sc	SE	D100	Other Keyways
СМК				_
MKD	0		0	_
0-Bit			0	
NSK			_	_
KA4		_	_	-
KA2		_	_	_
KD		_	_	_

Master key system order forms and assistance are available from the DORMA Master Key Department. Call 800-523-8483 for more information.



KEY SYSTEM ARCHITECTURE

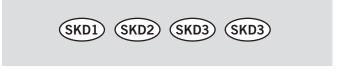
NOTE: Many systems are asymmetrical and do not fit neatly into the keying systems defined below. Contact the DORMA Master Keying Department for assistance.

1 Level of Keying

System consists of change keys only. To specify non-master keyed locks either stand alone or as part of a larger master system, use SKD numbers. SKD denotes *single keyed*. Numbers follow the letters.

4 Levels of Keying

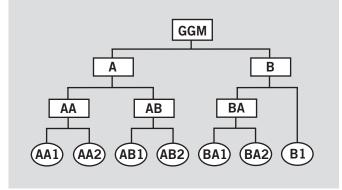
System consists of a great grand master, grand master keys, their associated master keys, and their associated changes. GGM is the symbol for the great grand. The rest of the symbols are the same as for 3-level systems. Do not use X for a grand.



2 Levels of Keying

System consists of a master key and changes (simple master key system). The master key symbol is a pair of identical letters (AA, BB, CC, DD) to prevent confusion with 3 or more levels of keying.

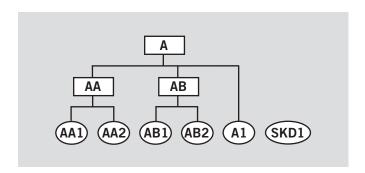
Numbers precede the letter pair. Multiple 2-level systems for the same project should have master keys named with different letter pairs.



3 Levels of Keying

System consists of a grand master key, master keys, and their associated changes. A single letter symbolizes the grand master. Masters are symbolized by letter pairs—the first letter is

the same as the grand master. To signify changes, numbers follow the letters. Do not use I, O, or Q in key systems of 3 or more levels to avoid confusion with the digits 1 and 0.

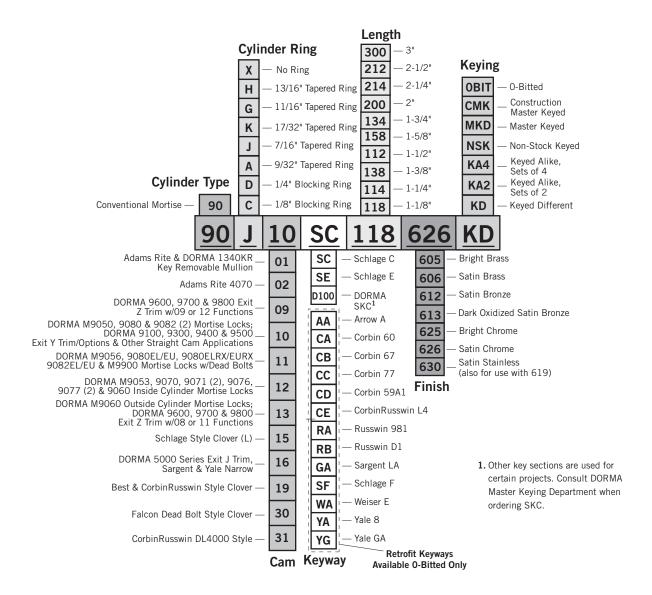


Sample Key System Form

r Valued DORMA Customer,	DOK
e include this KEY SYSTEM SPECIFICATION	FORM with your purchase order and keying schedule.
k you.	Fax to 800-274-9724 or email to masterkey@dorma-usa.com
YOUR ORDER CANNOT BE ENTERED O	R MANUFACTURED WITHOUT THIS INFORMATION
General Information	
A. DORMA Dealer	PO Number
3. Contact Person	Date
C. Contact Phone	
D. Contact Email(to send edited keying schedule	e or other documents for review)
. Name of DORMA Rep	
E. Is this a new or existing key system?	new existing
3. If existing, what is the Registry number or pri	or DORMA order number?
H. Project Name and Complete Address with Zi	p Code
. What type of project is this?	

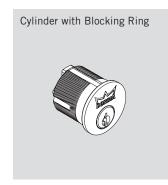
Please visit www.dorma.com for complete and up-to-date design forms.

Conventional (non-IC) Mortise Cylinders

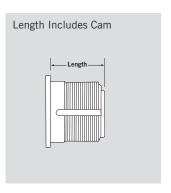


Conventional Mortise Cylinders

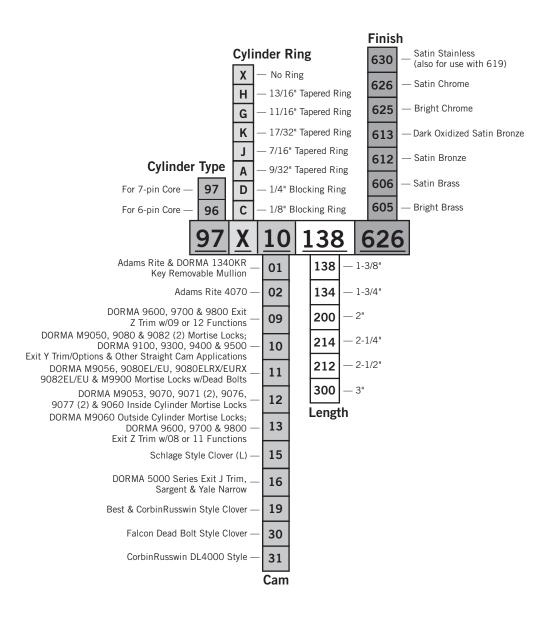






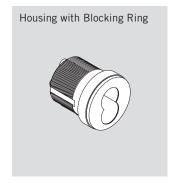


Small Format Interchangeable Core Mortise Housings

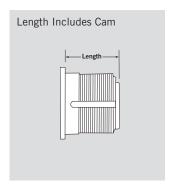


SFIC Mortise Housings

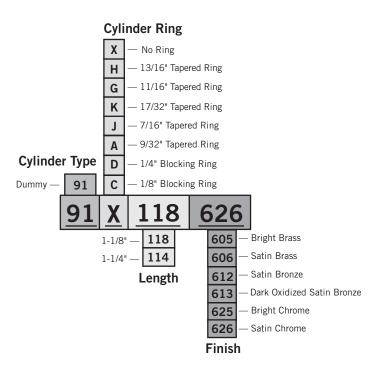


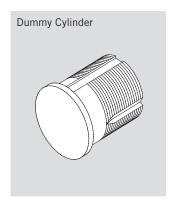




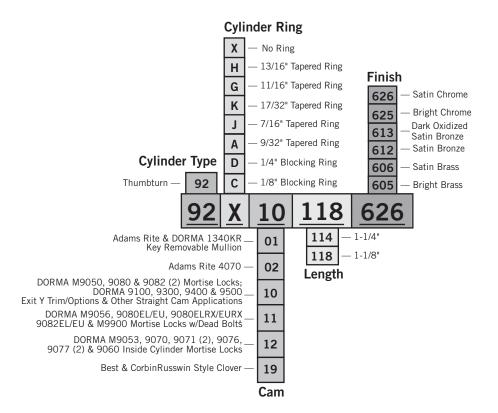


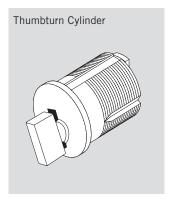
Dummy Cylinders





Thumbturn Cylinders

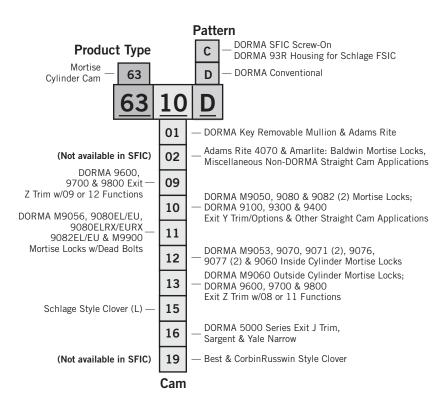




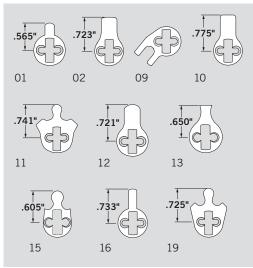
NOTE: Thumbturn cylinders are not ADA compliant.

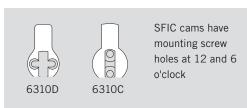
NOTE: For special cam applications, consult DORMA Technical Services.

Mortise Cylinder Cams for DORMA Product

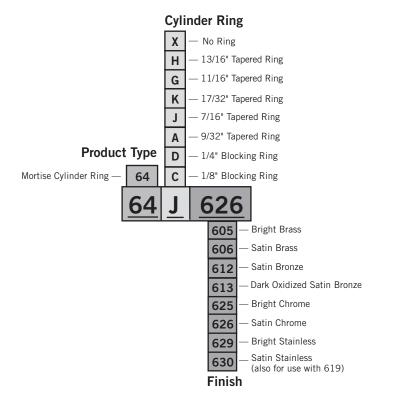


Mortise Cylinder Cams

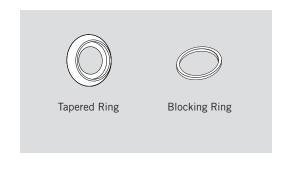




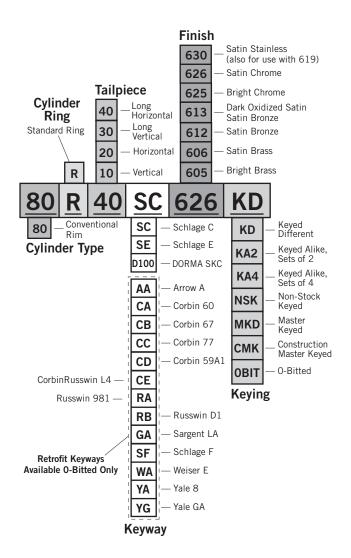
Cylinder Rings

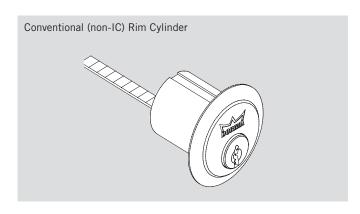


Cylinder Rings

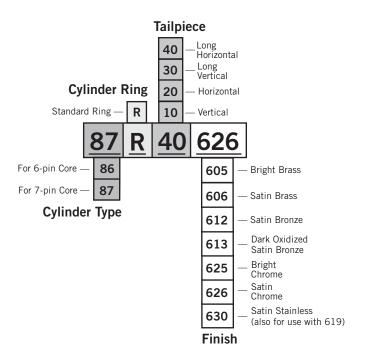


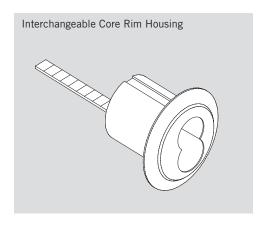
Conventional (non-IC) Rim Cylinders



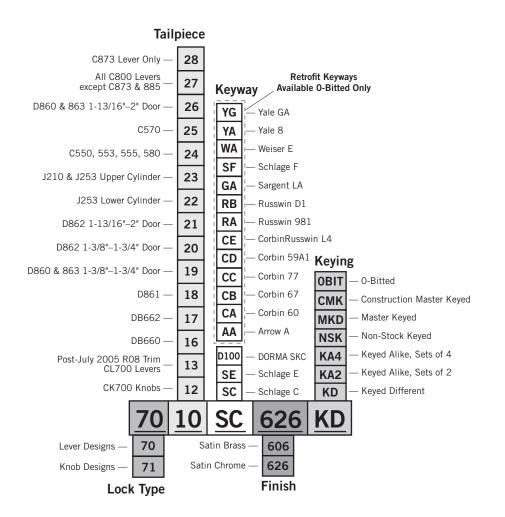


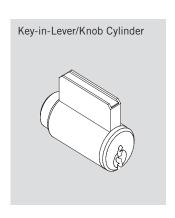
Interchangeable Core Rim Housings



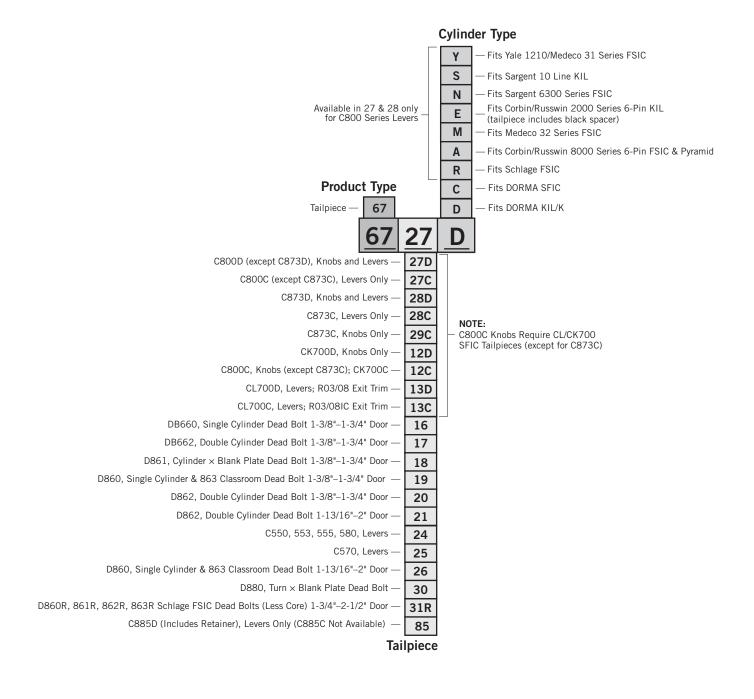


Conventional (non-IC) Key-In-Lever/Knob Cylinders

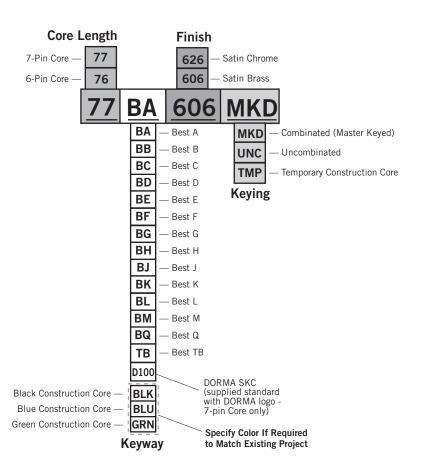


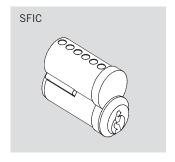


Conventional/Interchangeable Core Tailpieces



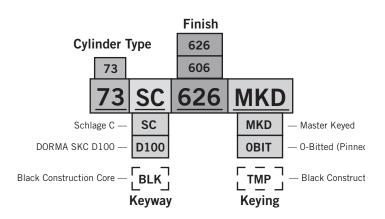
Small Format Interchangeable Cores

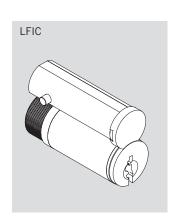




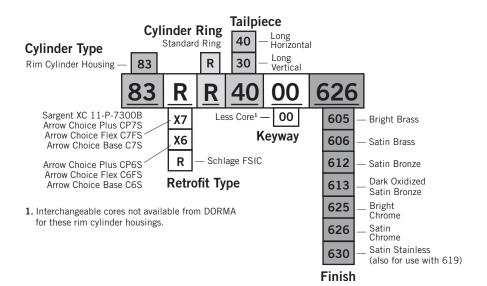
Large Format Interchangeable Cores

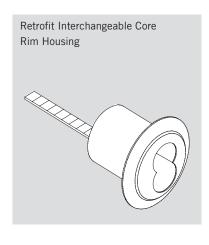
New



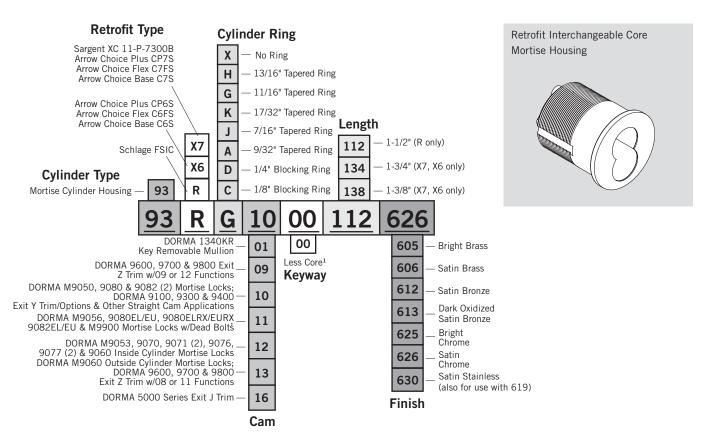


Retrofit Interchangeable Core Rim Housings





Retrofit Interchangeable Core Mortise Housings



1. Interchangeable cores not available from DORMA for these mortise cylinder housings.

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SFIC Padlocks

New

