

Introduction



Thank you for taking the time to consider the products offered in this catalog. We hope the following explanation of Medeco's integration of high security, precision quality and flexibility will establish a framework for further evaluation of our products.

Medeco is the forerunner in establishing the difference between security and high security in a mechanical locking device. This concept of high security is an integral part of each and every Medeco product, and has been since the 1960's when our unique, patented double locking principle was invented. As proven by exhaustive testing worldwide, our high security locks are among the best that have ever been made.

Briefly, the first element of Medeco's locking principle is a series of pin tumblers which must be elevated by the cuts or biting of the key. This first element is normally the only security afforded a cylinder in a standard commercial or residential lockset. The second element of Medeco's double locking mechanism is a sidebar that requires pin tumblers to be rotated and elevated by the unique angular cuts on the key. This rotation aligns a slot in each pin tumbler. When the pin tumblers have been properly elevated and rotated, the "fingers" or projections on the sidebar may now enter the pin tumbler slots. Inserting the proper key releases the locking mechanisms to activate the lockset.

This unique double locking mechanism renders Medeco cylinders virtually pickproof. For additional security Medeco cylinders are equipped with hardened steel inserts that protect strategic areas of the cylinder from drilling and surreptitious entry. Antidrill rods surround the keyway and hardened inserts protect the shear line and sidebar areas of the cylinders.

A Medeco cylinder, in addition to being virtually burglar proof, also requires a special key which must be made on a special key cutting machine. This limits the availability of key duplicates, thus limiting access to your keys. If you cannot always account for your keys, key control should be a prime consideration when choosing a lock or locking system for your application. Details of our Key Control program are found in the following section.

In addition to manufacturing residential and commercial lock cylinders, Medeco has a major Original Equipment Manufacturers department which services vending, coin laundry, computer and transportation industries. We also have the capacity to design precision locks for other manufacturers equipment. Our business is conducted worldwide, and we have locks to fit lock systems from Japan and Africa to Scandinavia and South America.

Medeco Suggested Architectural Specification

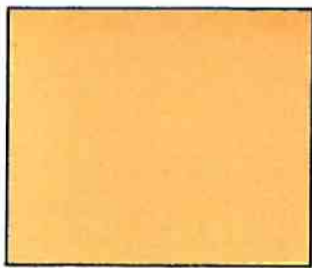
All lock cylinders for this project are to be of the pick-resistant, high security type with angled key cuts and rotating tumblers as manufactured by Medeco Security Locks, Inc. All cylinders shall be Underwriters Laboratories Listed (UL 437) standard for key locks. All lock cylinders are to incorporate a dual-locking principle consisting of a side-bar mechanism and tumbler rotation and elevation. The critical parts of the locking mechanism, pins, shear line and side bar shall be afforded extra protection from drilling and other forceful attacks by the strategic placement of hardened steel inserts.

The locking system is to be furnished in a factory restricted key section for which uncut keys are not made available from the manufacturer's factory or any other source by normal distribution methods. All key duplication must be done at the factory upon properly authorized signature.

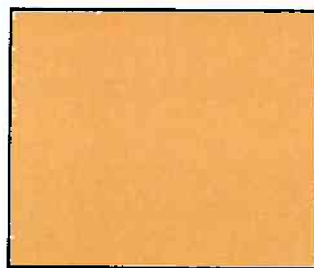
The factory shall make available the capability of a minimum of three possible angles of cut on the key blade. All cylinders shall be completely rekeyable to new combinations. The product shall be immediately serviceable on location.

The locking system established for this project shall be proprietary and the owner will furnish to the manufacturer, a list of those persons and their signatures, who will be authorized to order additional materials or duplicate keys. Orders not bearing authorized signatures will be returned.

The masterkeys (if masterkeyed) for this project shall be sent by registered mail or UPS AOD (acknowledgement of delivery) from the factory directly to the owner.



New #605 Old #US3
Bright Brass



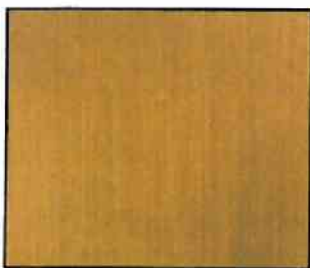
New #606 Old #US4
Satin Brass



New #609 Old #US5
Antique Brass



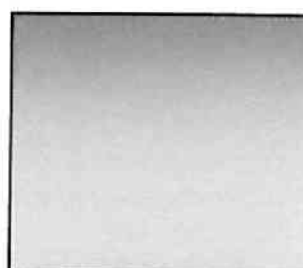
New #612 Old #US10
Satin Bronze



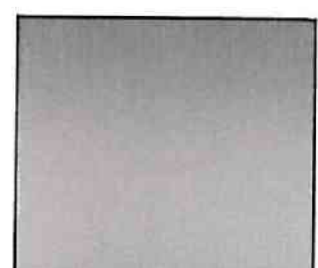
New #613 Old #US10B
Oil Rubbed Bronze



New #624 Old #US20A
Duranodic/Dark Amber



New #625 Old #US26
Bright Chrome

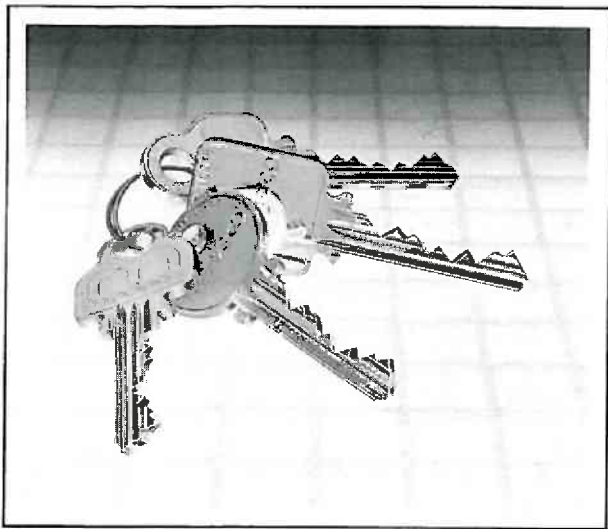


New #626 Old #US26D
Satin Chrome

Finishes may vary slightly from the above examples. 600 series (new #) conforms to BHMA finish standards. When ordering, please use this number.

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|---|---|



Key Control

The main objective of key control is to restrict the acquisition of keys. It is one of the most vital factors in determining the security level of any lock system and it is an integral part of lock security. Medeco has developed and maintained various levels of key control tailored to the security needs of the end user. Anyone with temporary access to standard type keys — tenants, maintenance personnel, employees — has no problem getting duplicates made for their own use. The basic problem is the ready availability of most key blanks and common key cutting machines. Medeco has counteracted the key control problem by doing three things:

1. manufacturing cylinders which use keys that must be made on special key cutting machines. These machines must be capable of reproducing the angled cuts and critical tolerances necessary to produce a workable key;
2. taking successful court action to protect against unauthorized manufacture and distribution of their key blanks;
3. selling only to professional security industries such as locksmith wholesalers, contract hardware and alarm equipment suppliers.

Level 1, the Commercial level, is designed for consumers who wish to have keys made with minimum delay. Qualified locksmiths with a Medeco key cutting machine can make Level 1 duplicates. Consumers must control access to keys in this level since they can be duplicated without authorization.

Level 2, Registered, is provided for those who do not always have sole possession of their keys, but need duplicates with only a short delay. Level 2 duplication requires positive identification in the form of a factory issued control card with embossed control data and the purchaser's signature. Control cards are supplied with each cylinder when shipped from the factory. A locksmith cannot make Level 2 duplicates, but an area distributor, provided with the proper identification, has authorization. The distributor must account for every key with an order form signed by the customer, thus adding another check in the Level 2 control system.

The Level 3 Restricted keys are made by the factory. An authorized signature, that must be supplied to the factory, is kept on file for comparison when subsequent orders are made. No subsequent orders can be processed without a comparison signature. These key blanks do not leave the factory — thus duplication is controlled from within.

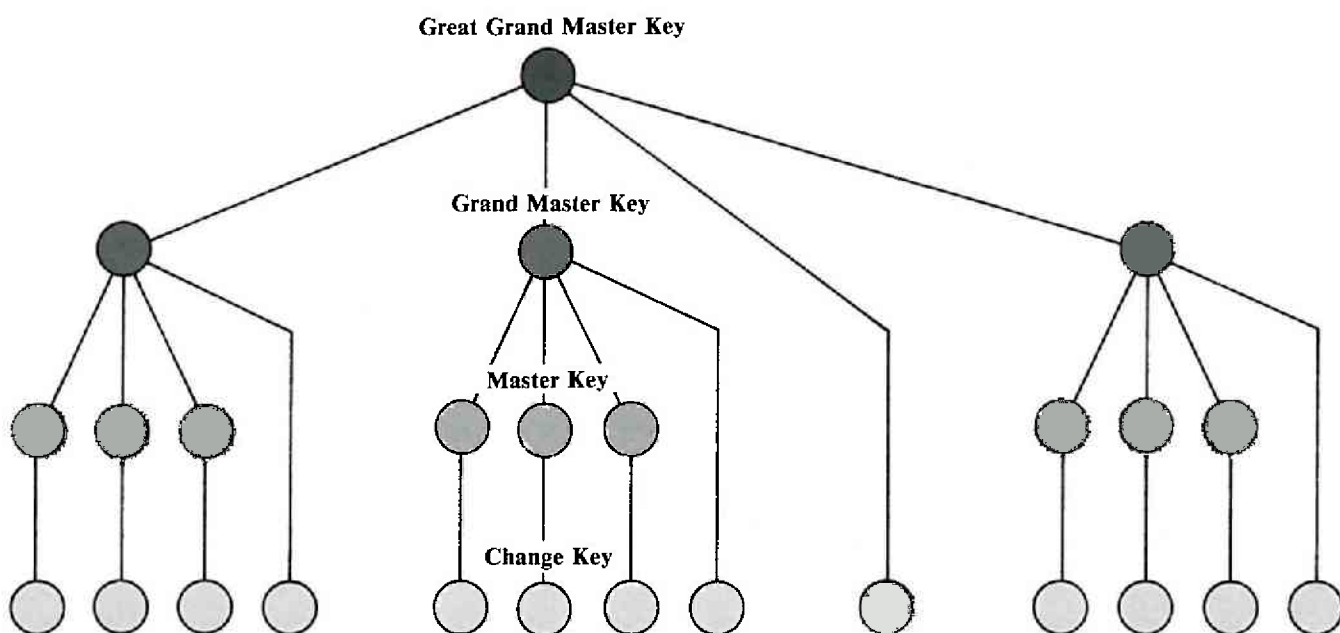
The Level 4 Omega series is designed for those who want the assurance that no other keys are available for their locks—the Omega is the ultimate in security. There are no provisions for duplication of Level 4 keys. At the time the order is placed, any number of keys may be specified. This single set is contained on a sealed ring, and each key is individually identified to account for its part of a complete set. For example, 1 of 4, 2 of 4, 3 of 4, and 4 of 4. No key blanks are provided for the Level 4 Omega series. The cylinders for this series can be ordered keyed alike but not master keyed.

Master Keying

Master Key systems are available as a means to allow *and* restrict access. It is particularly useful in corporate offices, factories, school systems—anyplace that is frequented by a conglomerate of employees, from maintenance personnel to the top executives. It is based on several access levels and is always tailored to fit the security needs of a particular business.

The top level key, often referred to as the Great Grand Master Key (GGMK), is able to open all the doors of a security system. The next level (Grand Master Key or GMK) can open only designated doors, and so on it goes—Master Key (MK) and Change Key (CK). The bottom level (CK) usually opens only one door or room.

Refer to the diagram below, illustrating the theory of a master key system with four levels of keying.



Note: All orders for Master Key Systems must include the end user (job) name and mailing address and authorized signature samples to be used for comparison on future orders. If the end user is a locksmith, a letter specifying that condition is required from that locksmith.



Mortise & Rim Cylinders

Medeco's high security Rim and Mortise cylinders are made for residential and commercial applications of door locksets. Both incorporate the double locking principle, and both are made of brass with drill resistant inserts. Certain mortise and rim top pins are hardened steel to prevent drilling of shear line. The Mortise cylinder is secured into the lockset and has a cam. The Rim cylinder has a tailpiece and is mounted with two screws and a plate into the opposite side of the door. Both interface with locksets of major manufacturers as follows:

- Adams Rite
- Amerock
- Arrow
- Corbin
- Dexter
- Falcon
- Keil
- Lockwood
- Russwin
- Sargent
- Schlage
- Segal
- Weiser
- Yale

Ordering Instructions

To be certain that orders will be processed properly, select the correct catalog number from the following tabulation. Also select the required cam or connecting bar as illustrated on pages 10 and 11 of the catalog. The type of finish is to be selected from page 2 and specified. Orders are shipped with two keys unless otherwise indicated. Indicate keyway by adding two digits to order number. Example: 10-0100-XX. If cylinder rings are required, specify CP-180021 (Old part # is 10-059) raised or CP-180041 (Old part # is 10-099) lowered.

| Application | Part No. | Outline Drawings | Length (L Dim.) | | |
|--|------------|------------------|-----------------|-----------------|-----------------|
| | | | 4 Pin | 5 Pin | 6 Pin |
| Mortise Cylinders | 10-0100 | Fig. 1 | | .976 | |
| | 10-0200 | Fig. 1 | | 24.79 mm | 1.144 29.057 mm |
| | 10-0500 | Fig. 1 | | | 1.294 32.867 mm |
| | 10-5100 | Fig. 1 | | | 1.418 36.017 mm |
| | 10-5200 | Fig. 1 | | | 1.544 39.217 mm |
| | 10-5300 | Fig. 1 | | | 1.669 42.392 mm |
| | 10-5400 | Fig. 1 | | | 1.794 45.567 mm |
| | 10-5500 | Fig. 1 | | | 2.044 51.917 mm |
| | 10-5600 | Fig. 1 | | | 2.293 76.022 mm |
| | 10-5700 | Fig. 1 | | | 2.548 64.71 mm |
| | 10-5800 | Fig. 1 | | | 4.173 105.99 mm |
| | 10-5900 | Fig. 1 | | | 3.298 83.76 mm |
| | 10-5901 | Fig. 1 | | | 5.012 127.30 mm |
| | 10-5902 | Fig. 1 | | | 8.012 203.5 mm |
| 10-5903 | Fig. 1 | | | 6.887 174.92 mm | |
| Mortise Cylinder Hotel Function | 10-0501 | Fig. 1 | | | 1.399 35.53 mm |
| Rim Locks – Exit Devices (Standard) | 10-0300N* | Fig. 2 | | 1.300 | |
| | 10-0300S + | Fig. 3 | | 33.02 mm | |
| | 10-0400N* | Fig. 2 | | | 1.470 37.33 mm |
| | 10-0400S + | Fig. 3 | | | |
| Rim Locks – Exit Devices (Sargent) | 10-0305N* | Fig. 2 | | 1.300 | |
| | 10-0305S + | Fig. 3 | | 33.02 mm | |
| | 10-0403N* | Fig. 2 | | | 1.470 37.33 mm |
| | 10-0403S + | Fig. 3 | | | |
| Rim Locks – 180° Lost Motion | 10-0600 | Fig. 4 | | 1.070 | |
| | 10-0700 | Fig. 4 | | 27.17 mm | 1.240 31.47 mm |
| Segal – Inside Cylinder | 10-0800 | | | X | |
| *Otis Elevator Cylinder + + | 10-0903 | | | | X |
| | 10-0909 | | | | X |
| Mortise Cyl. Assy. (4-Pin) | 10-1000 | Fig. 5 | .812" 20.64 mm | | X |
| Mortise Cyl. Assy. for Norwalk | 10-1104 | Fig. 6 | | | 1.145 29.08 mm |
| Norwalk/Segal | 10-0900 | | | | X |
| Schlage "K" locks, trimstyle 712, 714, 202 | 10-0202 | | | | X |

* Tailpiece held on with screw-on cap

+ Old Style

+ + These six pin length cylinders do not have a first pin chamber or pin.

Figure 1 - Mortise Cylinder, 5 and 6 pin

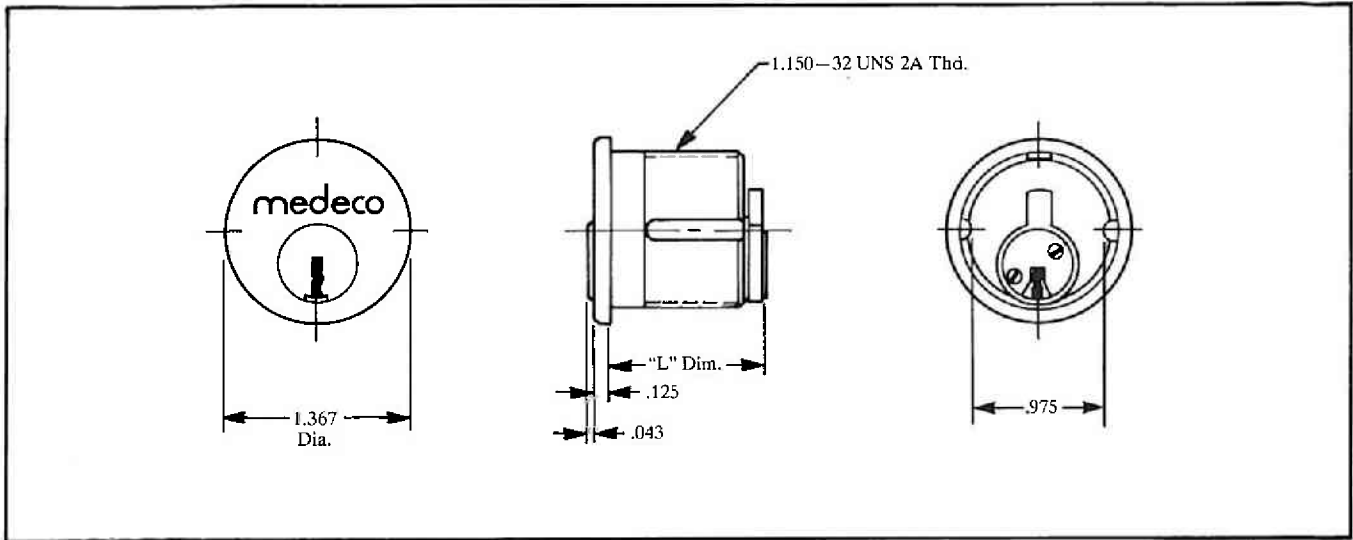


Figure 2 - Rim Cylinder

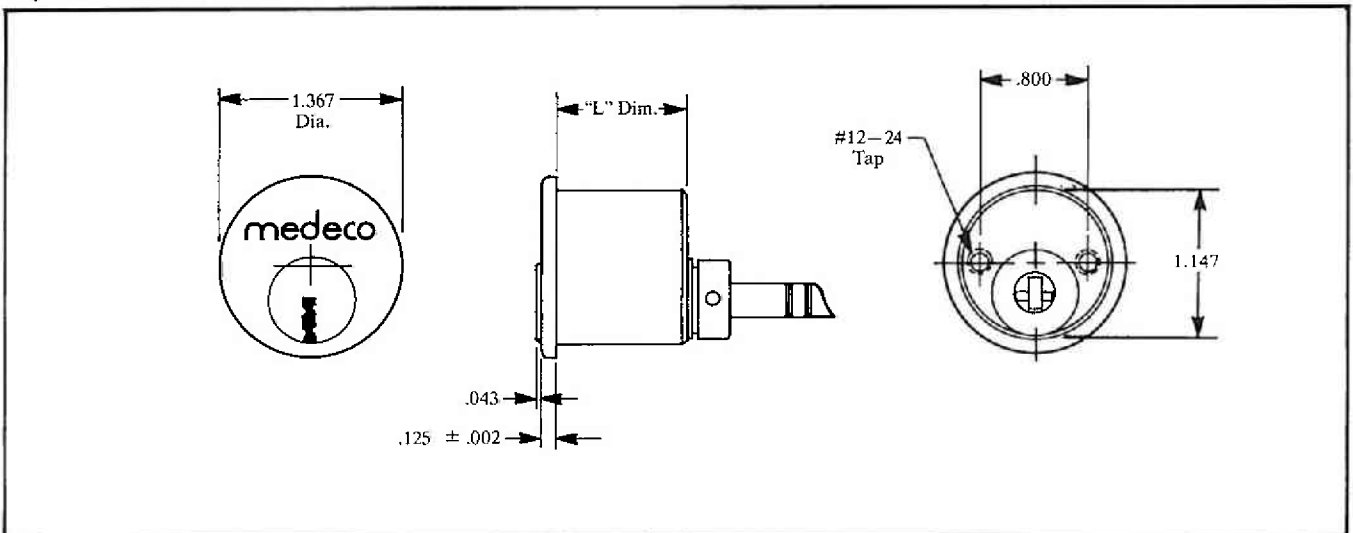


Figure 3 - Rim Cylinder - Old Style

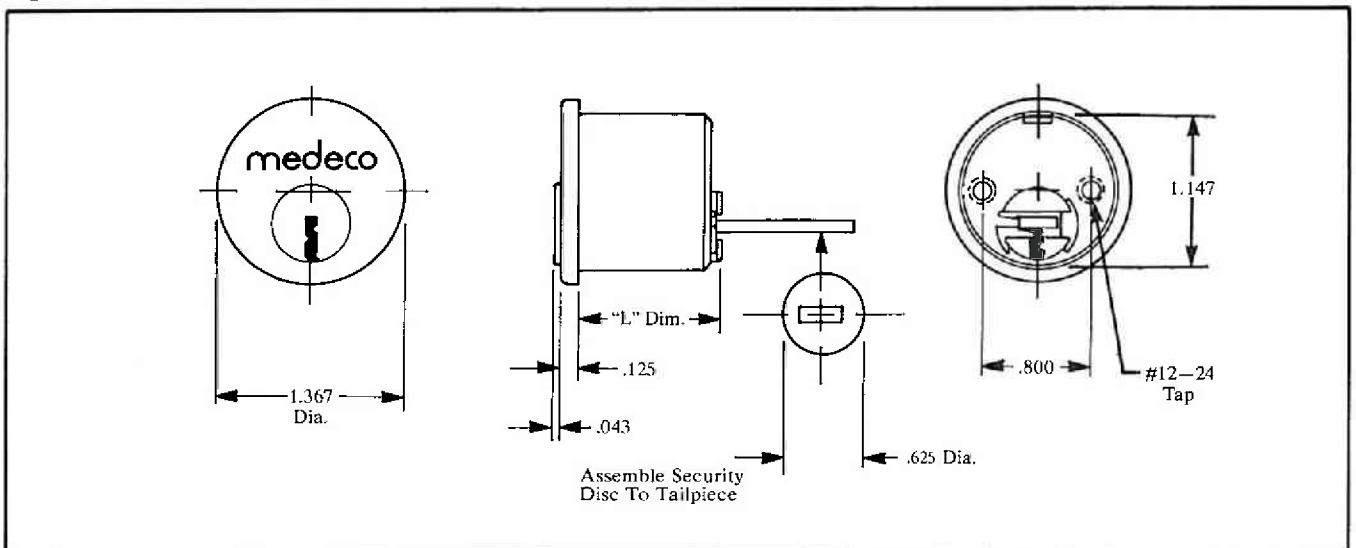


Figure 4 - Rim Locks - 180° Lost Motion

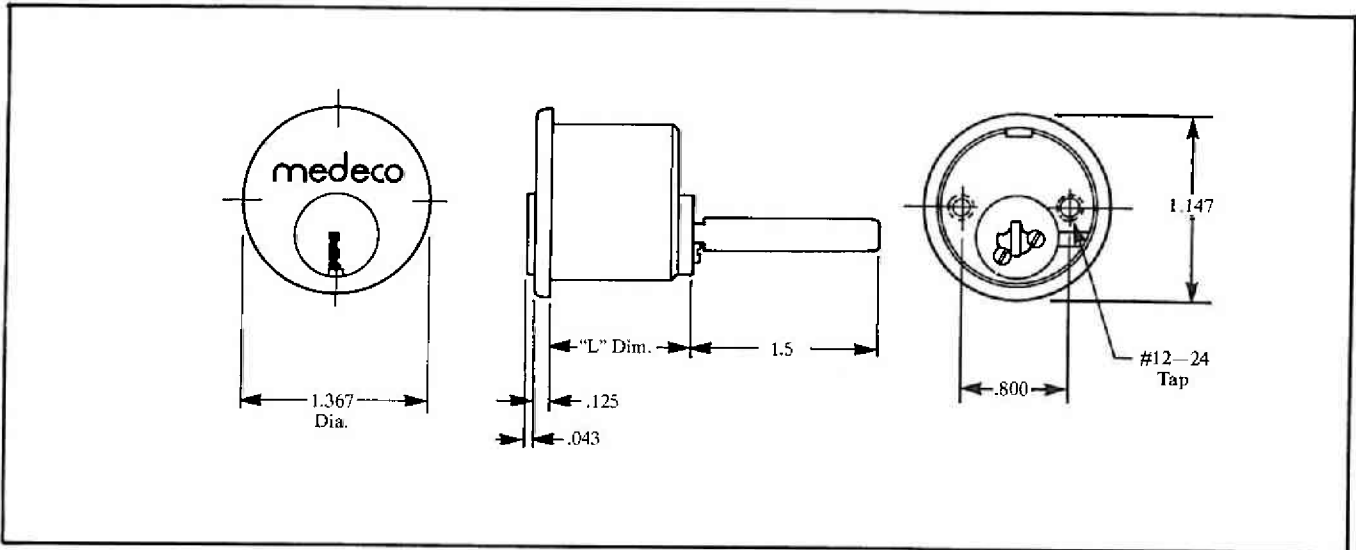


Figure 5 - Mortise cylinder assembly, 4-pin

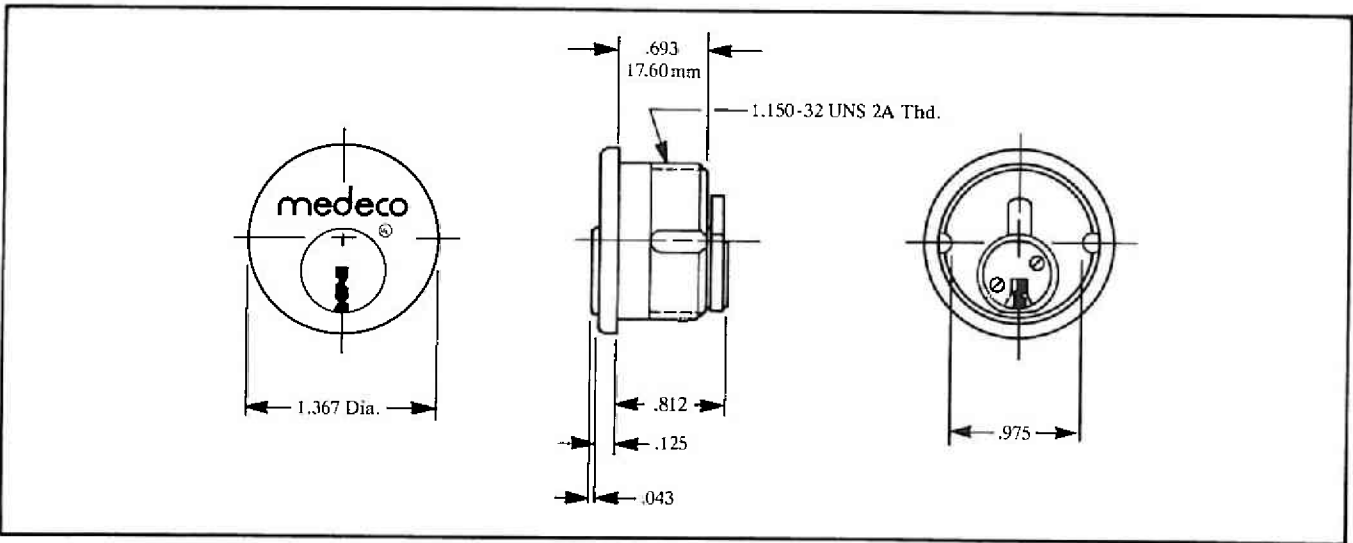
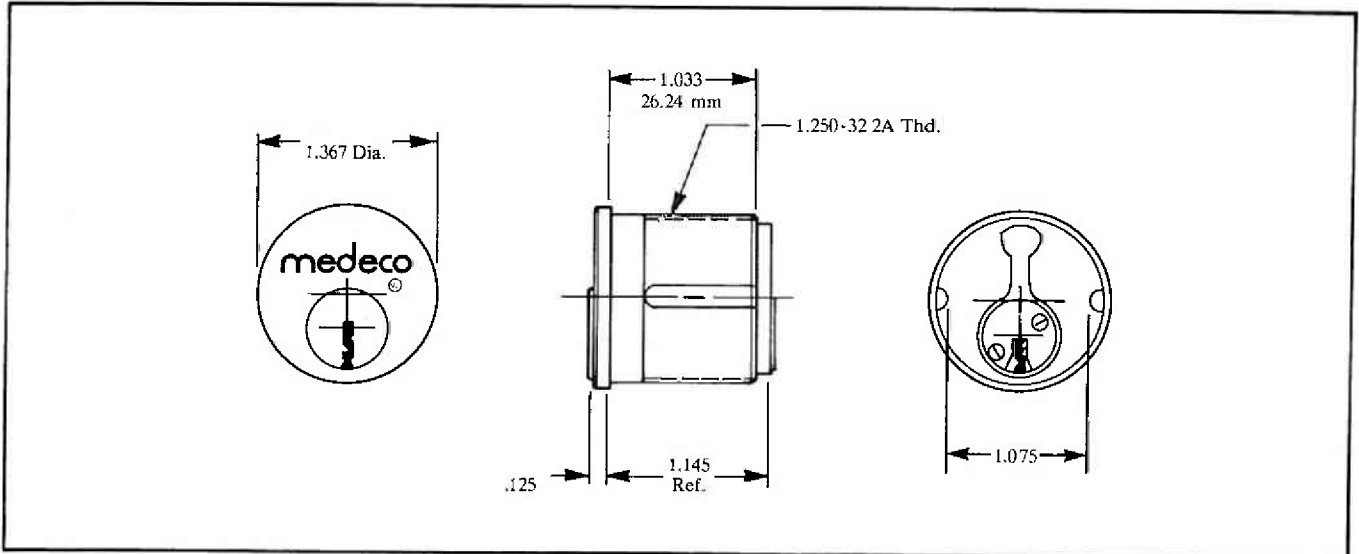
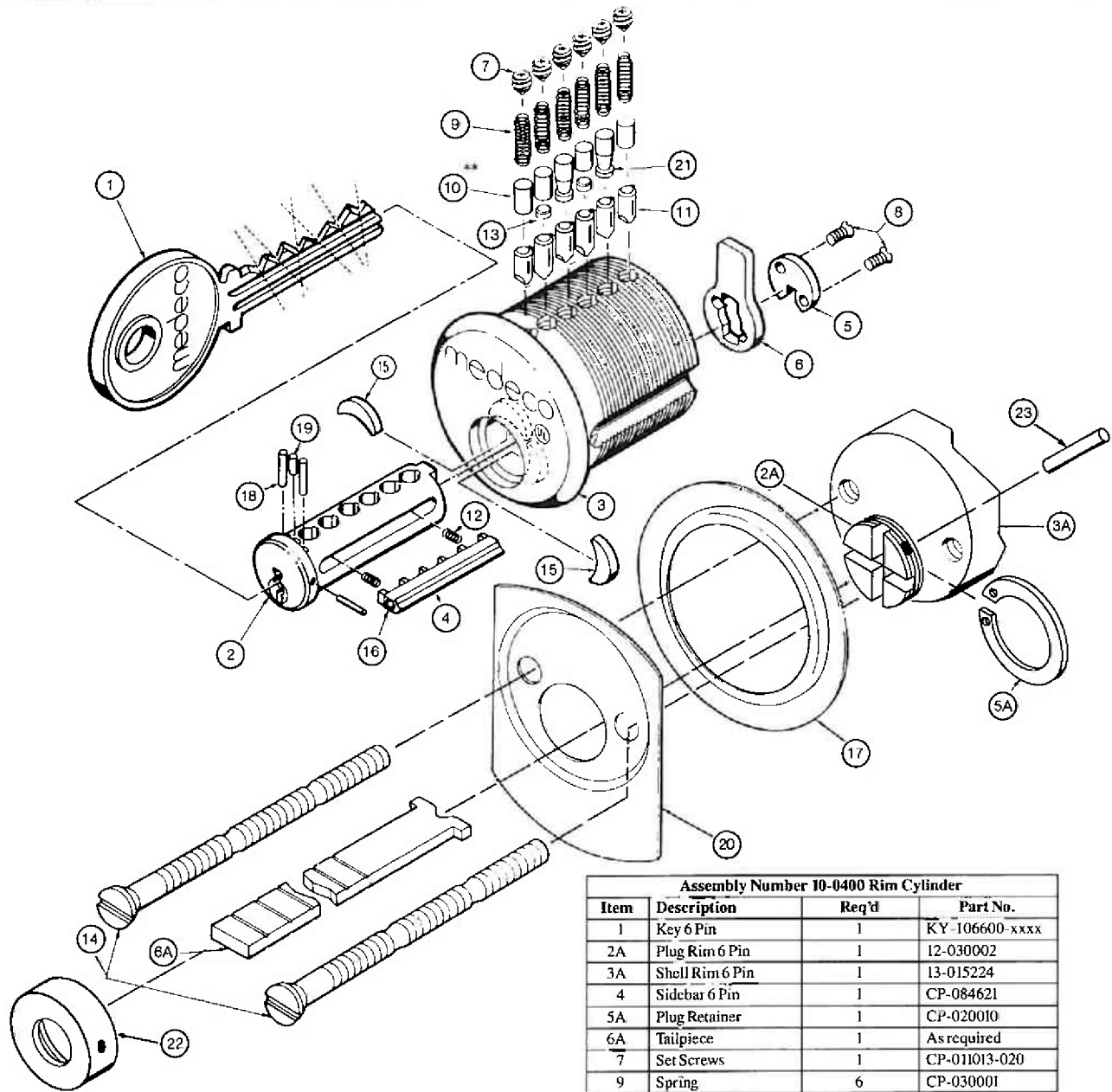


Figure 6 - Mortise cylinder assembly for Norwalk



Mortise and Rim Cylinders



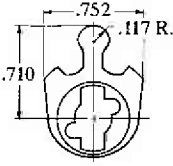
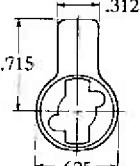
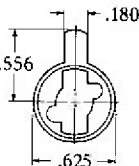
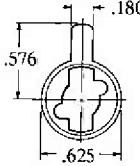
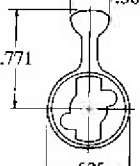
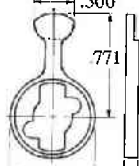
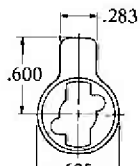
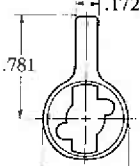
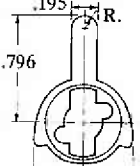
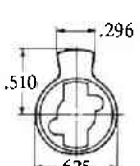
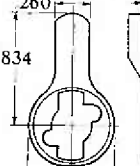
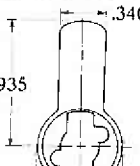
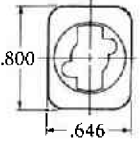
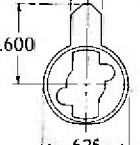
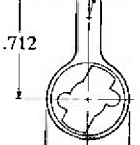
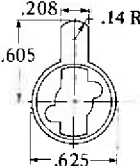
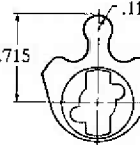
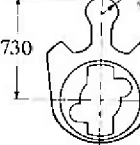
| Assembly Number 10-0200 Mortise Cylinder | | | |
|--|-------------------------|-------------|----------------|
| Item | Description | Req'd | Part No. |
| 1 | Key 6 Pin | 1 | KY-106600-xxxx |
| 2 | Plug Mortise 6 Pin | 1 | 12-005002-xx |
| 3 | Shell Mortise 6 Pin | 1 | 13-009224 |
| 4 | Sidebar 6 Pin | 1 | CP-084621 |
| 5 | Cam Washer | 1 | CP-021011 |
| 6 | Cam | 1 | as required |
| 7 | Set Screws | 6 | CP-011013-020 |
| 8 | Screw #2 .56 Slotted FH | 2 | CP-010103-050 |
| 9 | Spring | 6 | CP-030001 |
| 10 | Top Pin | 6 | 10 Series |
| 11 | Bottom Pin | 6 | 10 Series |
| 12 | Sidebar Spring | 2 | CP-030018 |
| 13 | Master Pin (Wafer) | As required | |

**Certain mortise and rim top pins are hardened steel to prevent drilling of shear line.

| Assembly Number 10-0400 Rim Cylinder | | | |
|--------------------------------------|---|-------------|----------------|
| Item | Description | Req'd | Part No. |
| 1 | Key 6 Pin | 1 | KY-106600-xxxx |
| 2A | Plug Rim 6 Pin | 1 | 12-030002 |
| 3A | Shell Rim 6 Pin | 1 | 13-015224 |
| 4 | Sidebar 6 Pin | 1 | CP-084621 |
| 5A | Plug Retainer | 1 | CP-020010 |
| 6A | Tailpiece | 1 | As required |
| 7 | Set Screws | 1 | CP-011013-020 |
| 9 | Spring | 6 | CP-030001 |
| 10 | Top Pin | 6 | 10 Series |
| 11 | Bottom Pin | 6 | 10 Series |
| 12 | Sidebar Spring | 2 | CP-030018 |
| 13 | Master Pin (Wafer) | As required | |
| 14 | Mounting Screws | 2 | CP-011417-000 |
| *15 | Steel Insert (Hardened) | 2 | CP-180011 |
| *16 | Steel Ball (Hardened) pre-assy. w/item #4 | 1 | CP-250060 |
| *17 | Cylinder Collar | As required | CP-180021 |
| *18 | Security Pin pre-assy. w/item #2 | 2 | CP-060103 |
| *19 | Security Pin pre-assy. w/item #2 | 1 | CP-060100 |
| 20 | Mounting Plate | 1 | CP-180031 |
| *21 | Mushroom Drivers | As required | 10 Series |
| 22 | Tailpiece Retainer | 1 | CP-021121 |
| 23 | Roll Pin | 1 | CP-060203 |

*These parts included on 10-0200 MORTISE CYLINDER
Patent No. 3499302

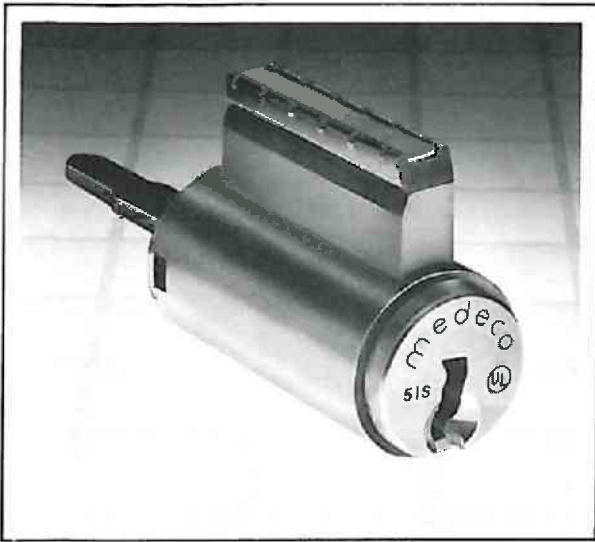
Mortise And Rim Cylinders, Cams, Connecting Bars, And Parts

| | | |
|--|---|--|
|  <p>#CT-Z00 "RUSSWIN TYPE"</p> |  <p>#CT-Z01 "STANDARD YALE TYPE"</p> |  <p>#CT-Z02 "ADAMS RITE"</p> |
|  <p>* #Z03 "ADAMS RITE"</p> |  <p>#CT-Z04 "KEIL TYPE"</p> |  <p>#CT-Z05 "SCHLAGE TYPE"</p> |
|  <p>#CT-Z06 "MEDIUM YALE TYPE"</p> |  <p>#CT-Z07 "SEGAL TYPE"</p> |  <p>#CT-Z08 "LOCKWOOD TYPE"</p> |
|  <p>#CT-Z09 "RUSSWIN TYPE"</p> |  <p>#CT-Z16 "SEGAL DEADBOLT TYPE"</p> |  <p>#CT-Z17 "CORBIN JUMBO"</p> |
|  <p>#CT-Z18 "NIGHT DEPOSIT LOCK"</p> |  <p>#CT-Z19 "GENERAL LOCK"</p> |  <p>#CT-Z20 "SARGENT TYPE"</p> |
|  <p>#CT-Z21 "RUKO TYPE"</p> |  <p>#CT-Z22 "FALCON TYPE"</p> |  <p>* #CT-Z28 "RUSSWIN TYPE"</p> |

* To be used with interchangeable core mortise cylinder only.

| | | |
|--|---|---|
| <p>#CT-Y01 "RIM CYLINDER" - 90° (before 1980)</p> | <p>#CT-Y02 "RIM CYLINDER - STRAIGHT" (before 1980, after 1983)</p> | <p>#CT-Y04 "FOX TYPE"</p> |
| <p>#CT-Y05 "FOX TYPE (1980-1983)"</p> | <p>#CT-Y06 "RIM CYLINDER" - 90° (before 1980)</p> | <p>#CT-Y07 "LAZY MOTION WITH WASHER"</p> |
| <p>#Y08 "RIM CYLINDER - 180°"</p> | <p>#CT-Y32 "RIM CYLINDER - STRAIGHT"</p> | <p>#CT-Y34 "RIM CYLINDER (1980-1983)"</p> |
| <p>#CT-Y00 "RIM CYLINDER (1980-1983)"</p> | <p>#CP-010403-040 #2-56 "RETAINER SCREW"</p> | <p>#CP-020010 "RIM LOCK PLUG RETAINER"</p> |
| <p>#CP-021011 "WASHER, CAM"</p> | <p>#CP-021021 "RETAINER, TAILPIECE"</p> | <p>#CP-060203 "ROLL PIN"</p> |
| <p>#CP-010103-050 #2-56 "CAM SCREW"</p> | <p>#94-0010 ADAPTOR RING FOR CORBIN JUMBO</p> | |





Knob Type Cylinders

The Knob Type high security cylinders, incorporating Medeco's patented double locking principle, are constructed of brass and include drill resistant inserts. These cylinders are used in cylindrical locksets, deadbolts and padlocks of other major manufacturers to upgrade the security level of their locks. Typical replacement cylinders available for cylindrical locksets, padlocks and tubular deadlocks include:

Cylindrical Locksets

Amerock
Arrow
Corbin
Falcon
Lockwood
Russwin
Sargent
Schlage
Weiser
Yale

Padlocks

Master-System 29
Medeco
Sargent & Greenleaf
Schlage 45-101
Weiser

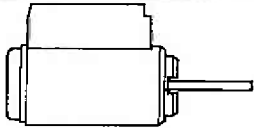
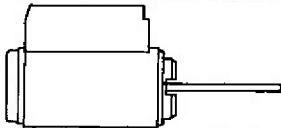
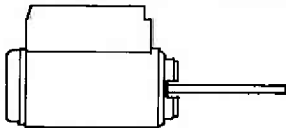
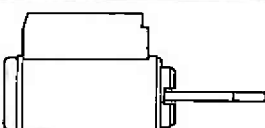
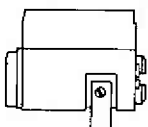
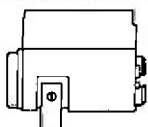
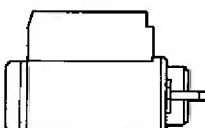
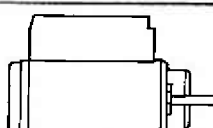
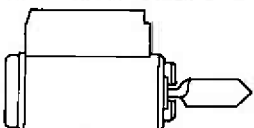
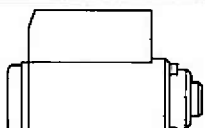
Tubular Deadlocks

Amerock
Arrow
Dexter
Falcon
Schlage
Weiser

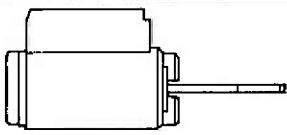
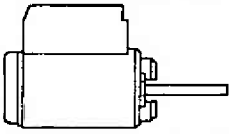
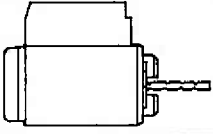
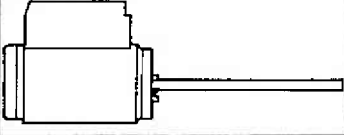
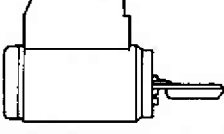
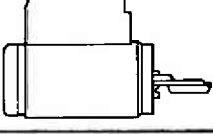
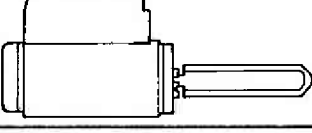
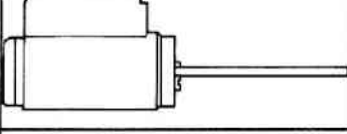
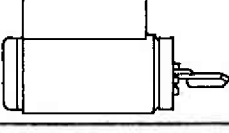
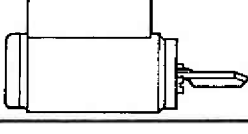
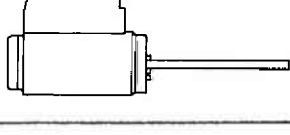
Knob Type Cylinders

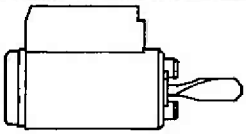
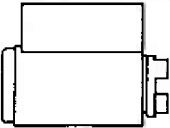
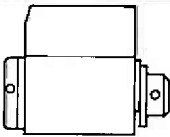
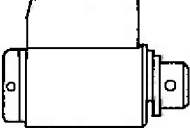
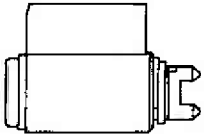
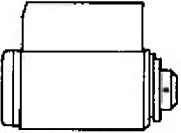

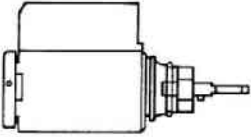
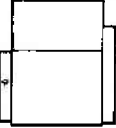
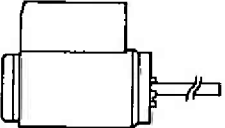
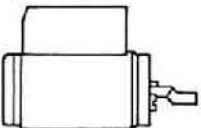
Replacement High Security Cylinders for Cylindrical and Auxiliary Tubular Locksets, Padlocks, and Removable Cores.

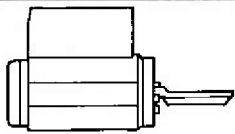
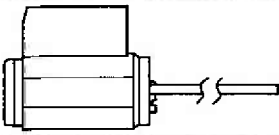
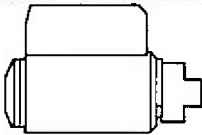
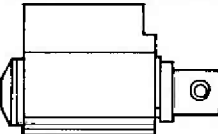
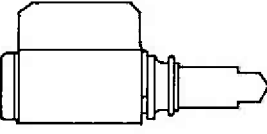
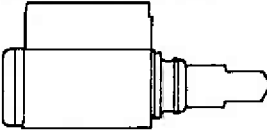
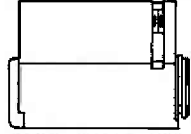

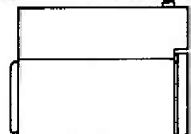
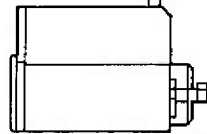
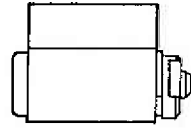
Select the correct catalog number from the following table. Select desired finish from page 2 and specify. Indicate keyway by adding two digits to order number. Example: 20-0100-XX.

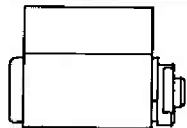
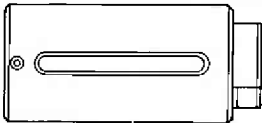

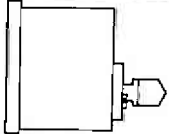
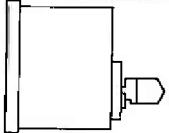
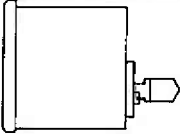
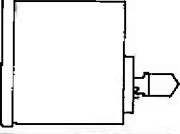
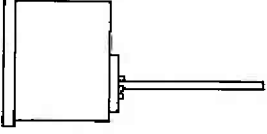
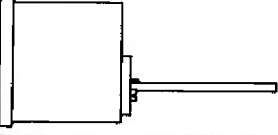
| MEDECO PART NO. | | PINS | CONSTRUCTION | TAILPIECE NO. | USED WITH |
|-----------------|---|------|----------------|---------------|--|
| 20-0100 |  | 6 | Extruded Brass | CT-Y19 | Schlage heavy-duty knob set, "C" & "D" series |
| 20-0101 |  | 6 | Extruded Brass | CT-Y22 | Schlage "A" series knob set |
| 20-0102 |  | 6 | Extruded Brass | CT-Y30 | All Schlage series with Ball, Sphere and Globe Knobs |
| 20-0103 |  | 6 | Extruded Brass | CT-Y17 | Falcon "S" series |
| 20-0105 |  | 6 | Extruded Brass | CP-100010 | Mailbox lock |
| 20-0106 |  | 6 | Extruded Brass | CP-100010 | Mailbox lock |
| 20-0200 |  | 6 | Extruded Brass | CT-Y18 | Schlage Padlock (910) 45-101 |
| 20-0201 |  | 6 | Extruded Brass | CT-Y20 | Schlage (912) Padlock |
| 20-0400 |  | 6 | Extruded Brass | CT-Y23 | Arrow 1000, 2000, 3000, 5000 series |
| 20-0500 |  | 6 | Extruded Brass | N/A | Yale 5300, 5400, 5500, 6100, 6200 series |

Note new product: 20-0107, 5-pin Corbin mailbox lock.

| MEDECO PART NO. | | PINS | CONSTRUCTION | TAILPIECE NO. | USED WITH |
|-----------------|---|------|----------------|---------------|---|
| 20-0600 |  | 6 | Extruded Brass | CT-Y25 | Falcon heavy-duty |
| 20-0700 |  | 5 | Extruded Brass | CT-Y22 | Schlage "A" series cylinder knob set |
| 20-0701 |  | 5 | Extruded Brass | CT-Y30 | Schlage "A" series knob sets with Ball, Sphere and Globe knobs |
| 20-0801 |  | 5 | Extruded Brass | CT-Y07 | Amerock, Arrow, single cylinder, old style Schlage tubular deadlock |
| 20-0802 |  | 5 | Extruded Brass | CT-Y31 | Amerock, Arrow tubular deadlock |
| 20-0804 |  | 5 | Extruded Brass | CT-Y24 | Schlage old style tubular deadlock, "B" series |
| 20-0905 |  | 6 | Extruded Brass | CT-Y28 | Schlage "G" series deadlocks |
| 20-0901 |  | 6 | Extruded Brass | CT-Y07 | Amerock, Arrow old style Schlage single cylinder deadlock |
| 20-0904 |  | 6 | Extruded Brass | CT-Y24 | Schlage old style deadlock |
| 20-0902 |  | 6 | Extruded Brass | CT-Y31 | Amerock, Arrow double cylinder deadlock |
| 20-0903 |  | 6 | Extruded Brass | CT-Y07 | Weiser single cylinder deadlock |

| MEDECO PART NO. | | PINS | CONSTRUCTION | TAILPIECE NO. | USED WITH |
|-----------------|---|------|----------------|---------------|--|
| 20-1005 |  | 6 | Extruded Brass | CT-Y26 | Lockwood knob set |
| 20-1006 |  | 5 | Extruded Brass | N/A | Lockwood 530 series knob sets |
| 20-5003 |  | 5 | Extruded Brass | original | Corbin old style, prior to 1960 |
| 20-5004 |  | 6 | Extruded Brass | original | Corbin 5460A-5460E, Russwin 46F97, 46F29 and 83F05 |
| 20-5005 |  | 6 | Extruded Brass | N/A | Russwin, Corbin new style |
| 20-5006 |  | 6 | Extruded Brass | original | Corbin 5460 B,C,D,G,M; Russwin 82F89, 84F01, 84F03, 84F12 55F76 and 82F90 |
| 20-5007 |  | 6 | Extruded Brass | original | Corbin heavy-duty knob set, 5460E |
| 20-5008 |  | 5 | Extruded Brass | CT-Y36 | Russwin Stylepacer lock sets 4300 series; Russwin "Forum" lock sets 3300 series; Corbin Signet lock sets 5600 series; Corbin Ensign lock sets 5700 series. |
| 20-6000 |  | 4 | Extruded Brass | CT-Z09 | Adams Rite sliding door |
| 20-6005 |  | 5 | Extruded Brass | CT-Y27 | Falcon Weiser single cylinder deadlock |
| 20-6100 |  | 5 | Extruded Brass | CT-Y29 | Falcon Weiser double cylinder deadlock, #4370 |

| MEDECO PART NO. | | PINS | CONSTRUCTION | TAILPIECE NO. | USED WITH |
|-----------------|---|------|----------------|------------------|---|
| 20-7000 |  | 5 | Extruded Brass | CT-Y31 | Dexter 4209 double cylinder deadlock |
| 20-7001 |  | 5 | Extruded Brass | CT-Y07 | Dexter 4000, 4200 single cylinder deadlock |
| 20-8005 |  | 6 | Extruded Brass | N/A | Sargent Integra |
| 20-8006 |  | 6 | Extruded Brass | N/A | Sargent heavy-duty #7,8 and 9 series |
| 20-8007 |  | 5 | Extruded Brass | CT-Y37 CT-Y35 | Amerock Sargent 6 series Arrow I51 Series |
| 20-8008 |  | 6 | Extruded Brass | CT-Y47 | Arrow I51 Series |
| 31-0100 |  | 6 | Extruded Brass | N/A | Yale interchangeable core insert |
| 31-0500 |  | 6 | Extruded Brass | N/A | replacement cylinder for Medeco 50-0400 series padlocks (non-key retaining) |
| 31-0501 |  | 6 | Extruded Brass | N/A | replacement cylinder for Medeco 50-0500 series padlock (key retaining) |
| 31-6200 |  | 5 | Extruded Brass | CT-Y21 | Weiser Padlock 955, 960 and 965 |
| 50-0010 |  | 6 | Extruded Brass | N/A | replacement cylinder for Medeco 50-0100 series padlocks |

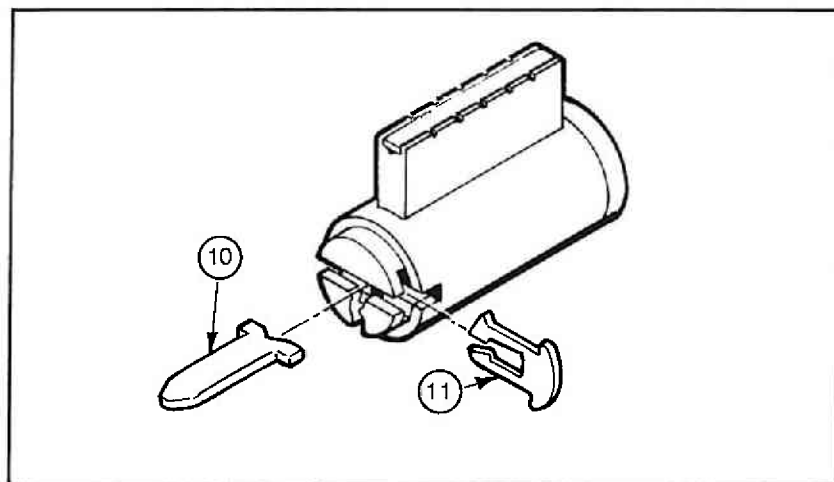
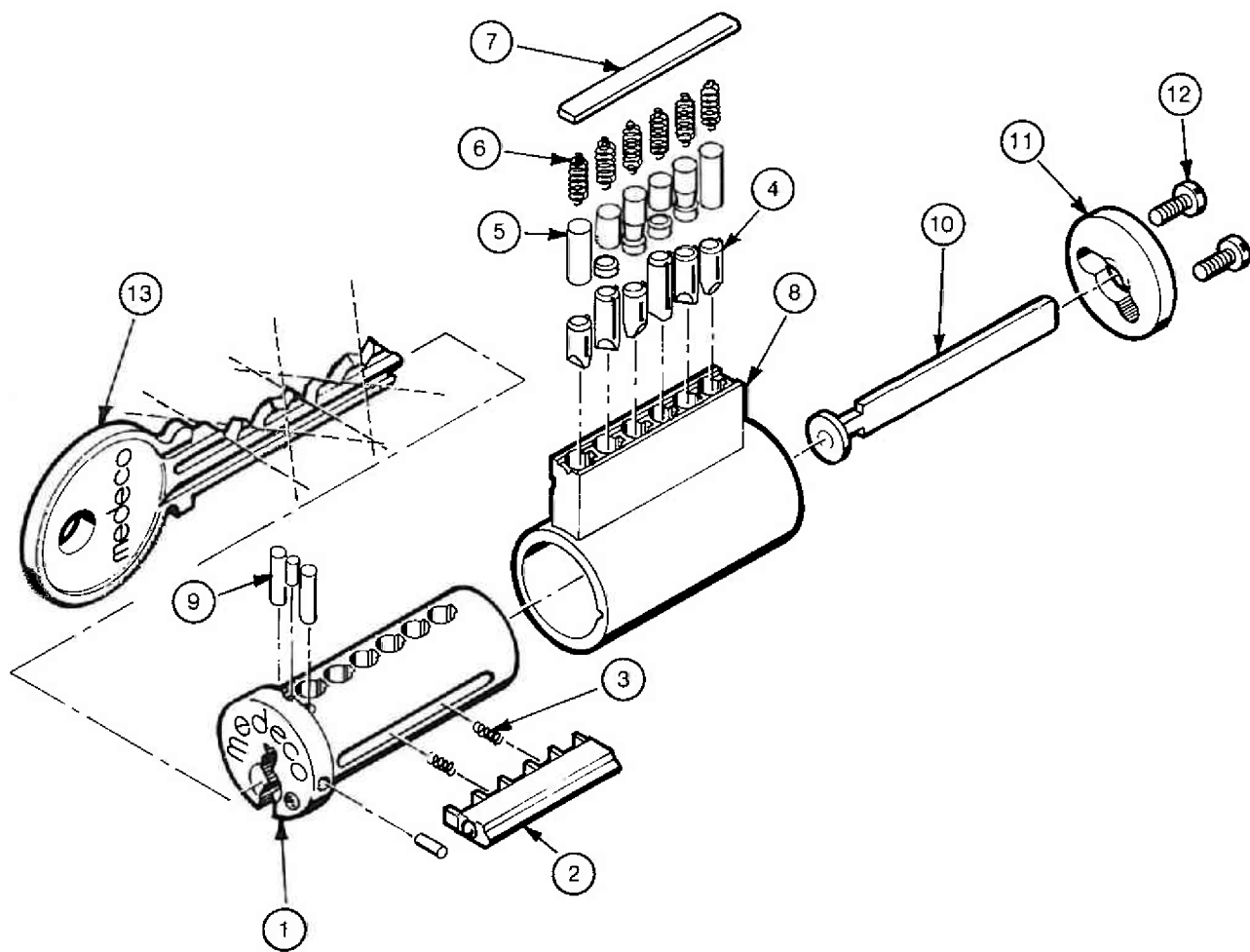
| MEDECO PART NO. | | PINS | CONSTRUCTION | TAILPIECE NO. | USED WITH |
|-----------------|---|------|----------------|---------------|--|
| 51-0100 |  | 6 | Extruded Brass | N/A | replacement cylinder for S&G High Security padlock |
| 75-0025 |  | 6 | Machined Brass | N/A | replacement cylinder for Medeco 50-0700 series padlock (non key retaining) |
| 75-0026 |  | 6 | Machined Brass | N/A | replacement cylinder for Medeco 50-0600 series padlock (key retaining) |
| 10-1100 |  | 5 | Machined Brass | CT-Y24 | Schlage MB77 Series "B" Lock Double Cylinder outside |
| 10-1101 |  | 5 | Machined Brass | CT-Y24 | Schlage MB77 Series "B" Lock Double Cylinder inside |
| 10-1102 |  | 6 | Machined Brass | CT-Y24 | Schlage MB77 Series "B" Lock Double Cylinder outside |
| 10-1103 |  | 6 | Machined Brass | CT-Y24 | Schlage MB77 Series "B" Lock Double Cylinder inside |
| 10-1107 |  | 5 | Machined Brass | CT-Y07 | Schlage MB77 Series "B" Lock Single Cylinder outside |
| 10-1108 |  | 6 | Machined Brass | CT-Y07 | Schlage MB77 Series "B" Lock Single Cylinder outside |

Locksmith Packages

Medeco has compiled nine different locksmith packages. Each package contains one cylinder and several interchangeable tailpieces, enabling reduced inventories and allowing on-site retrofitting convenience. Listed below are the packages with old and new part numbers for ordering purposes. The far right column lists the cylinders that may be made with corresponding tailpieces included in the packages. Order from the new catalog number, and indicate keyway by adding two digits to order number. Example: 20-010002-XX.

| Lock Cylinder Package Part No. | Tailpieces Part No. | Possible Cylinders |
|--------------------------------|---------------------|--------------------|
| 20-010002 | CT-Y19..... | 20-0100 |
| | CT-Y22..... | 20-0101 |
| | CT-Y30..... | 20-0102 |
| | CT-Y17..... | 20-0103 |
| 20-020002 | CT-Y18..... | 20-0200 |
| | CT-Y20..... | 20-0201 |
| 20-070002 | CT-Y22..... | 20-0700 |
| | CT-730..... | 20-0701 |
| 20-080002 | CT-Y07..... | 20-0801 |
| | CT-Y24..... | 20-0804 |
| | CT-Y31..... | 20-0802 |
| 20-090002 | CT-Y28..... | 20-0905 |
| | CT-Y07..... | 20-0901 |
| | CT-Y24..... | 20-0904 |
| | CT-Y31..... | 20-0902 |
| 10-110002 | CT-Y24..... | 10-1102 |
| | CT-Y07..... | 10-1108 |
| 20-600502 | CT-Y27..... | 20-6005 |
| | CT-Y29..... | 20-6100 |
| 20-700002 | CT-Y31..... | 20-7000 |
| | CT-Y07..... | 20-7001 |

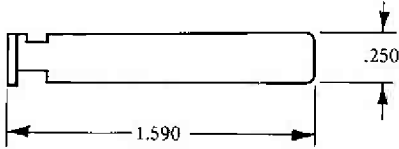
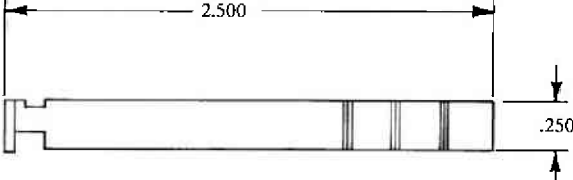
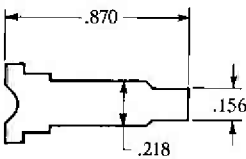
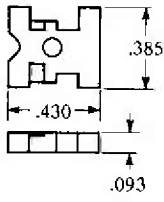
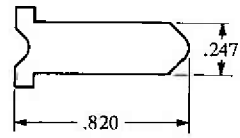
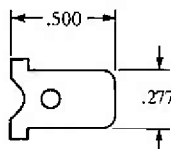
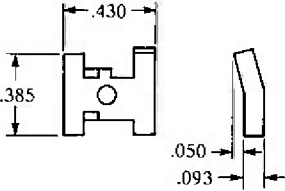
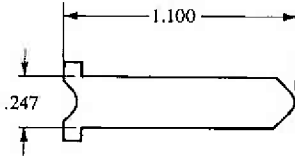
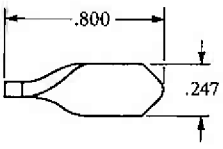
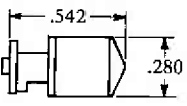
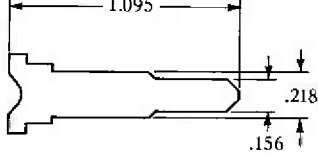
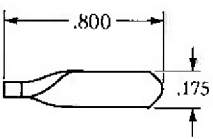
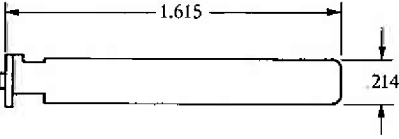
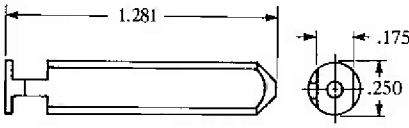
Knob Cylinder



- 1. Plug
- 2. Sidebar
- 3. Sidebar Springs
- 4. Bottom Pins
- 5. Top Pins
- 6. Springs
- 7. Spring Cover
- 8. Shell
- 9. Security Pins
- 10. Tailpiece
- 11. Retainer
- 12. Retainer Screws
- 13. Key

Connecting Bars, Tailpieces, Retainers used with Knob Type Series Cylinders

Medeco's Knob Type cylinders are so designed to provide maximum ease of interchange with the original lock cylinder. It may be necessary to order replacement tailpieces, connecting bars, retainers, screws, etc. This page includes scaled illustrations of these parts for identification and determination of specific part numbers.

| | | |
|--|--|--|
|  <p>Technical drawing of connecting bar #CT-Y07. Dimensions: length 1.590, diameter .250.</p> <p>#CT-Y07</p> |  <p>Technical drawing of connecting bar #CT-Y08. Dimensions: length 2.500, diameter .250.</p> <p>#CT-Y08</p> | |
|  <p>Technical drawing of connecting bar #CT-Y17. Dimensions: length .870, diameter .156, diameter .218.</p> <p>#CT-Y17</p> |  <p>Technical drawing of connecting bar #CT-Y18. Dimensions: length .430, diameter .385, diameter .093.</p> <p>#CT-Y18</p> |  <p>Technical drawing of connecting bar #CT-Y19. Dimensions: length .820, diameter .247.</p> <p>#CT-Y19</p> |
|  <p>Technical drawing of connecting bar #CT-Y20. Dimensions: length .500, diameter .277.</p> <p>#CT-Y20</p> |  <p>Technical drawing of connecting bar #CT-Y21. Dimensions: length .430, diameter .385, diameter .050, diameter .093.</p> <p>#CT-Y21</p> |  <p>Technical drawing of connecting bar #CT-Y22. Dimensions: length 1.100, diameter .247.</p> <p>#CT-Y22</p> |
|  <p>Technical drawing of connecting bar #CT-Y23. Dimensions: length .800, diameter .247.</p> <p>#CT-Y23</p> |  <p>Technical drawing of connecting bar #CT-Y24. Dimensions: length .542, diameter .280.</p> <p>#CT-Y24</p> |  <p>Technical drawing of connecting bar #CT-Y25. Dimensions: length 1.095, diameter .218, diameter .156.</p> <p>#CT-Y25</p> |
|  <p>Technical drawing of connecting bar #CT-Y26. Dimensions: length .800, diameter .175.</p> <p>#CT-Y26</p> |  <p>Technical drawing of connecting bar #CT-Y27. Dimensions: length 1.615, diameter .214.</p> <p>#CT-Y27</p> |  <p>Technical drawing of connecting bar #CT-Y28. Dimensions: length 1.281, diameter .175, diameter .250.</p> <p>#CT-Y28</p> |

| | | |
|-------------------|-----------------------|-----------------------|
| <p>#CT-Y29</p> | <p>#CT-Y30</p> | <p>#CT-Y31</p> |
| <p>#CT-Y35</p> | <p>#CT-Y36</p> | <p>#CT-Y37</p> |
| <p>#CT-Y39</p> | <p>#CP-010103-050</p> | <p>#CP-010403-040</p> |
| <p>#CP-020020</p> | <p>#CP-020040</p> | <p>#CP-020100</p> |
| <p>#CP-021021</p> | <p>#CP-021031</p> | <p>#CP-021130</p> |
| <p>#CP-021141</p> | <p>#CP-021151</p> | <p>#CP-100010</p> |

Cross-Reference Index

This reference information indicates the Medeco cylinder part number which may be used with locks of various origins. Minor tailpiece adjustments may be required on some models. No endorsement of, or association with the manufacturers is implied by the use of registered trade or brand names. Note: Reference to "Contact Factory" indicates that no standard product is available, and field serviceable modifications may be possible.

| ADAMS-RITE | | MEDECO | |
|-------------------|-----------------|-----------------|-----------------|
| Part No. | | 5 Pin | 6 Pin |
| | | Part No. | Part No. |
| 4024 | Single Cylinder | 20-0801 | 20-0901 |
| 4025 | Double Cylinder | *20-0801 | *20-0901 |

* Tailpiece will need to be shortened.

| AMEROCK | | MEDECO | |
|----------------------------|--------------------------|-----------------|-----------------|
| Tubular Deadlock | | 5 Pin | 6 Pin |
| Part No. | | Part No. | Part No. |
| 6278 | Double Cylinder | 20-0802 | 20-0902 |
| 8878 | Double Cylinder | 20-0802 | 20-0902 |
| 9078 | Double Cylinder | 20-0802 | 20-0902 |
| 6275 | Single Cylinder | 20-0801 | 20-0901 |
| 6276 | Single Cylinder | 20-0801 | 20-0901 |
| 8875 | Single Cylinder | 20-0801 | 20-0901 |
| 8876 | Single Cylinder | 20-0801 | 20-0901 |
| 9075 | Single Cylinder | 20-0801 | 20-0901 |
| 9076 | Single Cylinder | 20-0801 | 20-0901 |
| Cylindrical Lockset | | | |
| 6271 | Cylindrical Knob Lockset | 20-8007 | |
| 8871 | Cylindrical Knob Lockset | 20-8007 | |
| 9071 | Cylindrical Knob Lockset | 20-8007 | |

| ARROW | | MEDECO | |
|-------------------------|-----------------|-----------------|-----------------|
| Tubular Deadlock | | 5 Pin | 6 Pin |
| Part No. | | Part No. | Part No. |
| 920K | Single Cylinder | 20-0801 | 20-0901 |
| 921K | Single Cylinder | 20-0801 | 20-0901 |
| 940K | Single Cylinder | 20-0801 | 20-0901 |
| 941K | Single Cylinder | 20-0801 | 20-0901 |

| ARROW <i>continued</i> | | MEDECO | |
|---------------------------------|-----------------|--------------------|--------------------|
| Tubular Deadlock | | 5 Pin | 6 Pin |
| Part No. | | Part No. | |
| 920L | Single Cylinder | 20-0801 | 20-0901 |
| 921L | Single Cylinder | 20-0801 | 20-0901 |
| 940L | Single Cylinder | 20-0801 | 20-0901 |
| 941L | Single Cylinder | 20-0801 | 20-0901 |
| 920M | Double Cylinder | 20-0802 | 20-0902 |
| 921M | Double Cylinder | 20-0802 | 20-0902 |
| 940M | Double Cylinder | 20-0802 | 20-0902 |
| 941M | Double Cylinder | 20-0802 | 20-0902 |
| 940S | Single Cylinder | 20-0801 | 20-0901 |
| Cylindrical Lockset | | | |
| 151 | | 20-8007 | 20-8008 |
| 251 | | 20-8007 | 20-8008 |
| 351 | | 20-8007 | 20-8008 |
| *1000 | Series | | 20-0400 |
| *2000 | Series | | 20-0400 |
| *3000 | Series | | 20-0400 |
| *5000 | Series | | 20-0400 |
| *7500 | Series | contact factory | contact factory |
| *All functions except Hotel (H) | | | |

| P & F CORBIN | | MEDECO | |
|---|-------------------------------|-----------------|--------------------|
| | | 5 Pin | 6 Pin |
| | | Part No. | Part No. |
| Old style Unit lock with cast knobs manufactured before 10/15/60. | | 20-5003 | |
| 300 Series Unit lock, all functions except Hotel (327 & 329) and all knob designs except Continental manufactured after 1/14/60. Replaces Corbin cylinders #5460R & 5460½R. | | | 20-5005 |
| Signet and Ensign cylindrical lockset, cyl. #56400-3, for locks manufactured after Oct. 1960. | | 20-5008 | contact factory |
| Cylindrical Lockset Prior to 1968 | | | |
| Lock No. | Corbin Cylinder Number | | |
| 402 | 5460B & 5460½B | | 20-5006 |
| 404 | 5460C & 5460½C | | 20-5006 |
| 405 | 5460D & 5460½D | | 20-5006 |
| 432 | 5460A & 5460½A | | 20-5004 |
| 451 | 5460A & 5460½A | | 20-5004 |
| 454 | 5460A & 5460½A outside | | 20-5004 |
| 454 | 5460B & 5460½B inside | | 20-5006 |
| 455 | 5460C & 5460½C | | 20-5006 |
| 455¼ | 5460C & 5460½C | | 20-5006 |

| P & F CORBIN <i>continued</i> | | MEDECO | |
|---|-------------------------------|-----------------|-----------------|
| Cylinder Lockset Prior to 1968 | | 5 Pin | 6 Pin |
| Lock No. | Corbin Cylinder Number | Part No. | Part No. |
| 455¾ | 5460D & 5460½D | | 20-5006 |
| 457 | 5460A & 5460½A | | 20-5004 |
| 459 | 5460A & 5460½A | | 20-5004 |
| 461 | 5460E & 5460½E | | 20-5007 |
| 462 | 5460E & 5460½E | | 20-5007 |
| 463 | 5460E & 5460½E | | 20-5007 |
| 465 | 5460G & 5460½G | | 20-5006 |
| 469 | 5460C & 5460½C | | 20-5006 |
| 474 | 5460A & 5460½A outside | | 20-5004 |
| 474 | 5460C & 5460½C inside | | 20-5006 |
| 487 | 5460C & 5460½C | | 20-5006 |
| 488 | 5460M & 5460½M outside | | 20-5006 |
| 488 | 5460A & 5460½A inside | | 20-5004 |
| For cylinders manufactured prior to 1968 but not prior to 10-14-60 the tailpiece supplied on the Corbin cylinder will have to be used on the Medeco cylinder. | | | |
| Model 68 | | | |
| All functions 5460R & 5460½R except Hotel | | | 20-5005 |
| Above applies to all knob designs except Continental (862). | | | |

| DEXTER | | MEDECO | |
|--|-----------------|-----------------|-----------------|
| Tubular Deadlock | | 5 Pin | 6 Pin |
| Part No. | | Part No. | Part No. |
| 4001 | Single Cylinder | *20-7001 | |
| 4002 | Single Cylinder | *20-7001 | |
| 4003 | Single Cylinder | *20-7001 | |
| 4004 | Single Cylinder | *20-7001 | |
| 4005 | Single Cylinder | *20-7001 | |
| 4203 | Single Cylinder | 20-7001 | |
| 4204 | Single Cylinder | 20-7001 | |
| 4205 | Single Cylinder | 20-7001 | |
| 4209 | Double Cylinder | 20-7000 | |
| Upper unit of all entrance handle sets | | *20-7001 | |
| * Tailpiece will need to be shortened | | | |
| Cylindrical Lockset | | | |
| Duralock 7100, 7200 & 7300 series all functions except Hotel (62), Brant and Cortina knob styles only. | | contact factory | |

| FALCON | | | MEDECO | |
|------------------------------|-------|------------------|-----------------|-----------------|
| Part No. | | | 5 Pin | 6 Pin |
| 5 Pin | 6 Pin | Tubular Deadlock | Part No. | Part No. |
| 820DL | | Single Cylinder | 20-6005 | contact factory |
| 830DL | | Double Cylinder | 20-6100 | contact factory |
| 840DL | | Single Cylinder | 20-6006 | contact factory |
| 890DL | | Single Cylinder | 20-6005 | contact factory |
| 900 | | Single Cylinder | 20-6005 | contact factory |
| D9070 | | Single Cylinder | 20-6005 | contact factory |
| 910 | | Single Cylinder | 20-6005 | contact factory |
| D9170 | | Single Cylinder | 20-6005 | contact factory |
| 920 | | Single Cylinder | 20-6005 | contact factory |
| D9270 | | Single Cylinder | 20-6005 | contact factory |
| 930 | | Double Cylinder | 20-6100 | contact factory |
| D9370 | | Double Cylinder | 20-6100 | |
| 940 | | Single Cylinder | 20-6005 | |
| D9470 | | Single Cylinder | 20-6005 | |
| D9070S | | Single Cylinder | 20-6005 | |
| D9171S | | Single Cylinder | 20-6005 | |
| D9270S | | Single Cylinder | 20-6005 | |
| D9370S | | Double Cylinder | 20-6100 | |
| D9470S | | Single Cylinder | 20-6005 | |
| Cylindrical Lockset | | | | |
| * R Series | | | contact factory | |
| * S Series | | | | 20-0103 |
| * X Series | | | | 20-0600 |
| * All knob designs except H. | | | | |

| LOCKWOOD | MEDECO | |
|--|----------|----------|
| H Series, all functions except Hotel Wrought knob designs only | 5 Pin | 6 Pin |
| | Part No. | Part No. |
| | | |

| MASTER | MEDECO | |
|---------------------|----------|----------|
| | 5 Pin | 6 Pin |
| System "29" Padlock | Part No. | Part No. |
| | | 20-0100 |
| | | 20-0101 |
| | | 20-0102 |
| | | 20-0103 |
| | | 20-0500 |

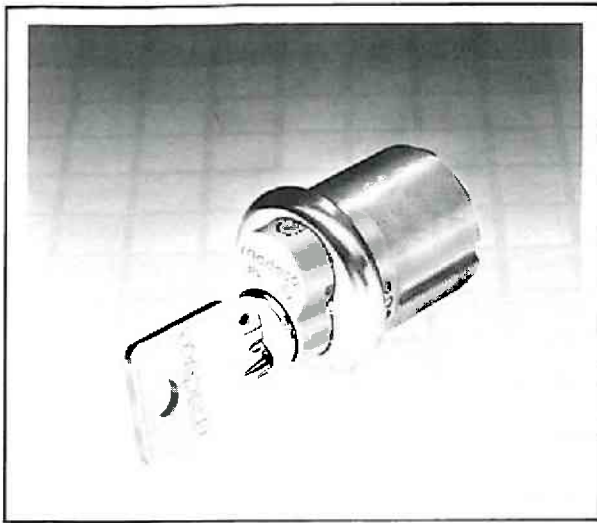
| RUSSWIN | | MEDECO | |
|--|--------------------------------|----------|-----------------|
| | | 5 Pin | 6 Pin |
| | | Part No. | Part No. |
| Unit lock 500 series all knob designs except Ronde and all functions except 533EM and 533HM for locks manufactured after 3/1/64. | | | 20-5005 |
| Stilepacer and Forum cylindrical locksets, cyl. #406F52, all functions except 3333 EM and 4333 EM. | | 20-5008 | contact factory |
| Cylindrical Lockset Prior to 1968 | | | |
| Lock No. | Russwin Cylinder Number | | |
| 435 | 46F97, 25F65 & 48F04 | | 20-5007 |
| 440 | 46F29, 19F35 & 44F89 | | 20-5004 |
| 440 ³ / ₈ | 82F89, 25F26 & 82F90 | | 20-5006 |
| 440 ³ / ₈ c | 82F89, 25F26 & 82F90 | | 20-5006 |
| 442 | 46F97, 25F65 & 48F04 | | 20-5007 |
| 446 | 46F97, 25F65 & 48F04 | | 20-5007 |
| 446 ¹ / ₂ | 46F29, 19F35 & 44F89 outside | | 20-5004 |
| 446 ¹ / ₂ | 84F01, 24F15 & 84F02 inside | | 20-5006 |
| 447 | 84F01, 24F15 & 84F02 | | 20-5006 |
| 448 ¹ / ₂ | 84F12, 55F76 & 84F11 outside | | 20-5006 |
| 448 ¹ / ₂ | 46F29, 19F35 & 44F89 inside | | 20-5004 |
| 450 ¹ / ₂ | 84F01, 24F15 & 84F02 | | 20-5006 |
| 451 ⁵ / ₈ | 82F89, 25F26 & 82F90 | | 20-5006 |
| 452 | 46F29, 19F35 & 44F89 | | 20-5004 |
| 452C | 46F29, 19F35 & 44F89 | | 20-5004 |
| 452 ¹ / ₂ | 46F29, 19F35 & 44F89 | | 20-5004 |
| 453 | 83F05, 67F69 & 83F06 | | 20-5004 |
| 454 | 84F03, 25F56 & 84F04 | | 20-5006 |
| 456 | 84F03, 25F56 & 84F04 | | 20-5006 |
| 456 ¹ / ₂ | 82F89, 25F26 & 82F90 | | 20-5006 |
| For cylinders manufactured prior to 1968 but not prior to 10-14-60 the tailpiece supplied on the Russwin cylinder will have to be used on the Medeco cylinder. | | | |
| Model 68 | | | |
| All functions except Hotel | 144F17, 144F16 & 144F15 | | 20-5005 |
| Above applies to all knob designs except Ronde. | | | |

| SARGENT | | MEDECO | |
|---|-----------------------------|-----------------|-----------------|
| | | 5 Pin | 6 Pin |
| Cylindrical Lockset | | Part No. | Part No. |
| 6 Line (old style manufactured before 11/76) | | | see note below |
| 6 Line (new style manufactured after 11/76) | | 20-8007 | |
| 7 Line | | | 20-8006 |
| 8 Line | | | 20-8006 |
| 9 Line | | | 20-8006 |
| 7600 Line (Integra) | | | 20-8005 |
| Note: Old style 6 Line may be converted to Medeco by using the knob assembly of a #8 Line lockset with a Medeco #20-8006. | | | |
| Above applies to all functions except Hotel (50) and Storeroom (04). | | | |
| Tubular Deadlock | | | |
| 400 Series | Single Cylinder (new style) | 20-0801 | 20-0901 |
| 400 Series | Double Cylinder (new style) | 20-0802 | 20-0902 |

| SCHLAGE | | MEDECO | |
|--|---|-----------------|--------------------|
| | | 5 Pin | 6 Pin |
| Part No. | Tubular Deadlock | Part No. | Part No. |
| B Series | Single Cylinder (old style) | 20-0801 | 20-0901 |
| | Double Cylinder (old style) | 20-0804 | 20-0904 |
| B 100N Series | Single Cylinder | 20-0801 | 20-0901 |
| MB 77 B Series | Single Cylinder (outside) | 10-1107 | 10-1108 |
| | Double Cylinder (outside) | 10-1100 | 10-1102 |
| | Double Cylinder (inside) | 10-1101 | 10-1103 |
| E Series | Entry Handle (old style) | 20-0801 | 20-0901 |
| | (new style) | 10-1107 | 10-1108 |
| Cylindrical Lockset | | | |
| A Series | All knob designs <i>except</i> BALL, GLOBE & SPHERE | 20-0700 | 20-0101 |
| A Series | Ball, globe & sphere knob designs | 20-0701 | 20-0102 |
| C & D Series | All knob designs <i>except</i> BALL, GLOBE & SPHERE | | 20-0100 |
| C & D Series | Ball, globe & sphere knob designs | | 20-0102 |
| F Series | All knob designs (Prior to 1984) | 20-0700 | 20-0101 |
| G Series | All knob designs | | 20-0905 |
| H Series | All knob designs <i>except</i> BALL, GLOBE & SPHERE | | 20-0101 10-1108 |
| H Series | Ball, globe & sphere knob designs | | 20-0102 10-1108 |
| Above applies to all functions except 75, 84, 85 & 87. | | | |
| Padlock | | | |
| 45-101 | (910) Removable Cylinder | | 20-0200 |
| 912 | Removable Cylinder | | 20-0201 |

| WEISER | | | MEDECO | |
|-----------------|--------------|---------------------------------|-----------------|-----------------|
| Part No. | | | 5 Pin | 6 Pin |
| 5 Pin | 6 Pin | Tubular Deadlock | Part No. | Part No. |
| 820DL | | Single Cylinder | 20-6005 | contact factory |
| 830DL | | Double Cylinder | 20-6100 | contact factory |
| 840DL | | Single Cylinder | 20-6006 | contact factory |
| 890DL | | Single Cylinder | 20-6005 | contact factory |
| 900 | | Single Cylinder | 20-6005 | contact factory |
| D9070 | | Single Cylinder | 20-6005 | contact factory |
| 910 | | Single Cylinder | 20-6005 | contact factory |
| D9170 | | Single Cylinder | 20-6005 | contact factory |
| 920 | | Single Cylinder | 20-6005 | contact factory |
| D9270 | | Single Cylinder | 20-6005 | contact factory |
| 930 | | Double Cylinder | 20-6100 | contact factory |
| D9370 | | Double Cylinder | 20-6100 | |
| D9370XS | | Double Cylinder | 20-6100 | |
| 940 | | Single Cylinder | 20-6005 | |
| D9470 | | Single Cylinder | 20-6005 | |
| D9070S | | Single Cylinder | 20-6005 | |
| D9170S | | Single Cylinder | 20-6005 | |
| D9270S | | Single Cylinder | 20-6005 | |
| D9370S | | Double Cylinder | 20-6100 | |
| D9470S | | Single Cylinder | 20-6005 | |
| A8450DL | | Single Cylinder entrance handle | 20-6005 | |
| A9370 | | Double Cylinder entrance handle | 20-6100 | |
| A9470 | | Single Cylinder entrance handle | 20-6005 | |
| D4270 | | Single Cylinder | 20-6005 | |
| Padlock | | | | |
| 955 | | Removable Cylinder | 31-6200 | |
| 965 | | Removable Cylinder | 31-6200 | |
| 966 | | Removable Cylinder | 31-6200 | |

| YALE | | MEDECO | |
|---|-----------------|-----------------|-----------------|
| Cylindrical Lockset | | 5 Pin | 6 Pin |
| Part No. | | Part No. | Part No. |
| *5300 | Series | | 20-0500 |
| *5400 | Series | | 20-0500 |
| *5500 | Series | | 20-0500 |
| *6100 | Series | | 20-0500 |
| *6200 | Series | | 20-0500 |
| * All cylindrical locksets except Hotel function (20 and 32) and store door (19). All knob designs except Copenhagen. | | | |
| Interchangeable Core | | | |
| 1210 | 6 pin core only | | 31-0100 |



Interchangeable Cores and Cylinders

The Medeco high security interchangeable core cylinder enables non-technical personnel to quickly rekey a lock with the use of a special key. This quick change saves expense and affords greater overall security. Key control, vital to a business with a high employee turnover rate, can easily be maintained without having to rekey or change door hardware.

Features

- Medeco's double locking principle
- Key control
- Hardened steel inserts
- Drill resistant
- Pull resistant
- 23 million different key combinations
- Master key capabilities
- Solid brass construction
- Standard finishes
- Flexibility (Medeco has replacement cylinders for all commercial grades of locking hardware that require mortise or rim cylinders including master ring and jumbo type cylinders in addition to D-11 deadbolts.)
- Core replacement in less than ten seconds
- UL listed

The D-11 Deadbolt is available with interchangeable core cylinders as shown on page 44 of the D-11 Series Deadbolt series.

Ordering Instructions

Order from new part numbers indicated below. To specify finish select from the BHMA 600 series numbers listed on page 2. Example: 32-0101-626 is a 5-pin interchangeable core in a Dull Chrome finish. Indicate keyway by adding two digits to order number. Example: 32-0101-626-XX.

Interchangeable Cores

Part No. 32-0101
5-pin interchangeable core

Part No. 32-0201
6-pin interchangeable core

Mortise Assemblies:

Part No. 32-0100
5-pin assembly for interchangeable core mortise lock.

Part No. 32-0200
6-pin assembly for interchangeable core mortise lock.

Rim Assemblies:

Part No. 32-0300

5-pin assembly for interchangeable core rim lock with vertical tailpiece.

Part No. 32-0300A

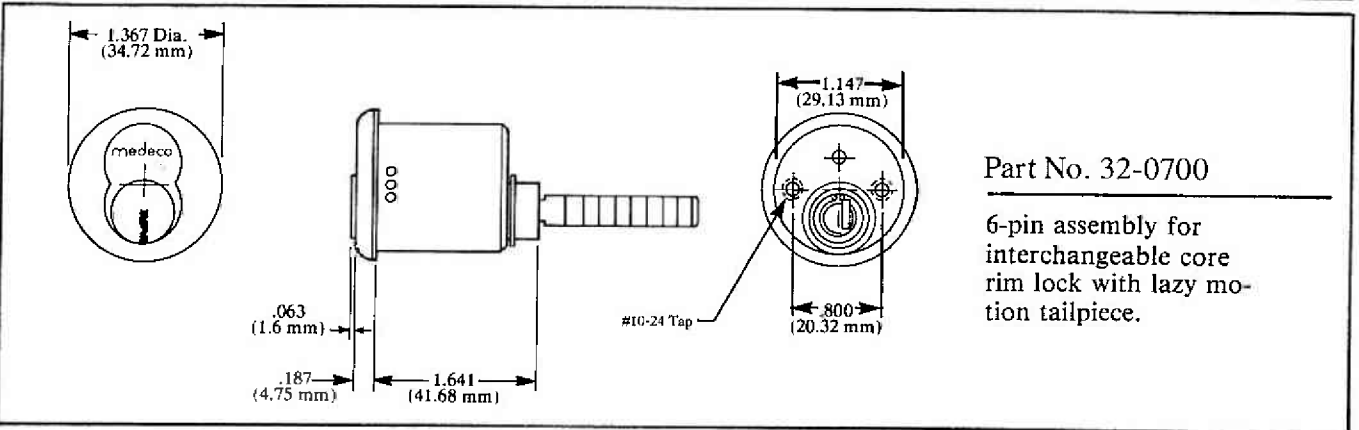
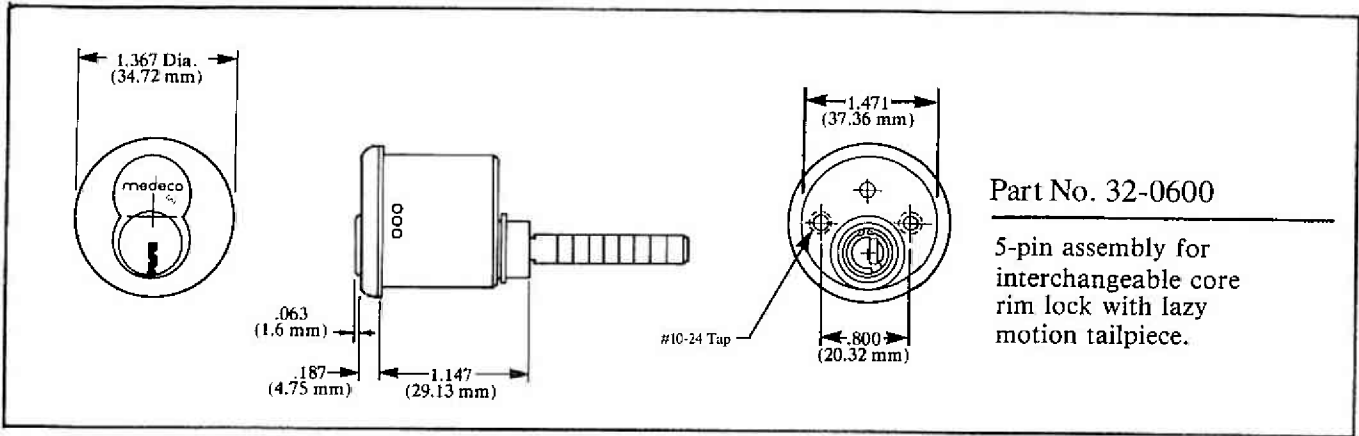
5-pin assembly for interchangeable core rim lock.

Part No. 32-0400

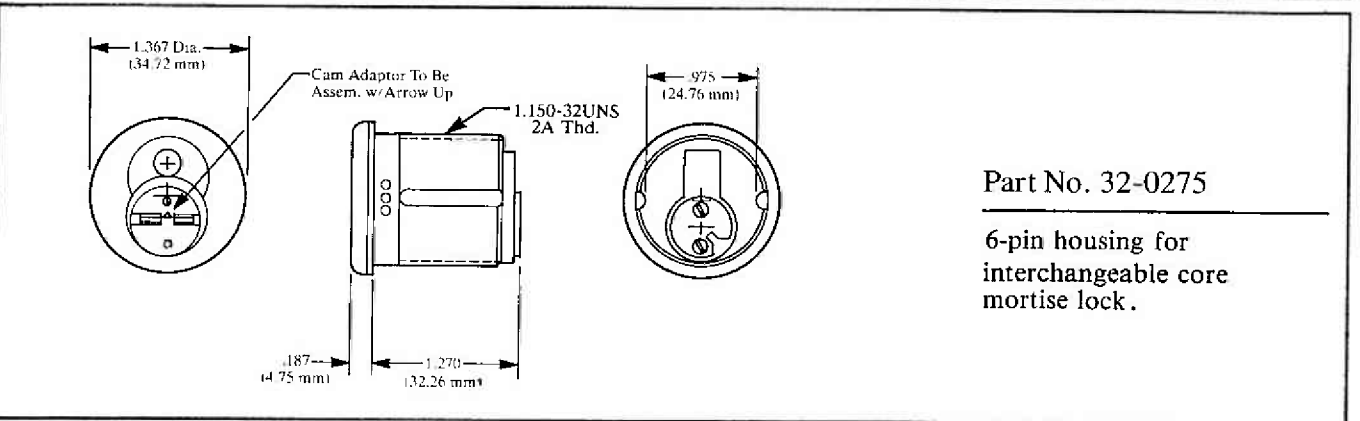
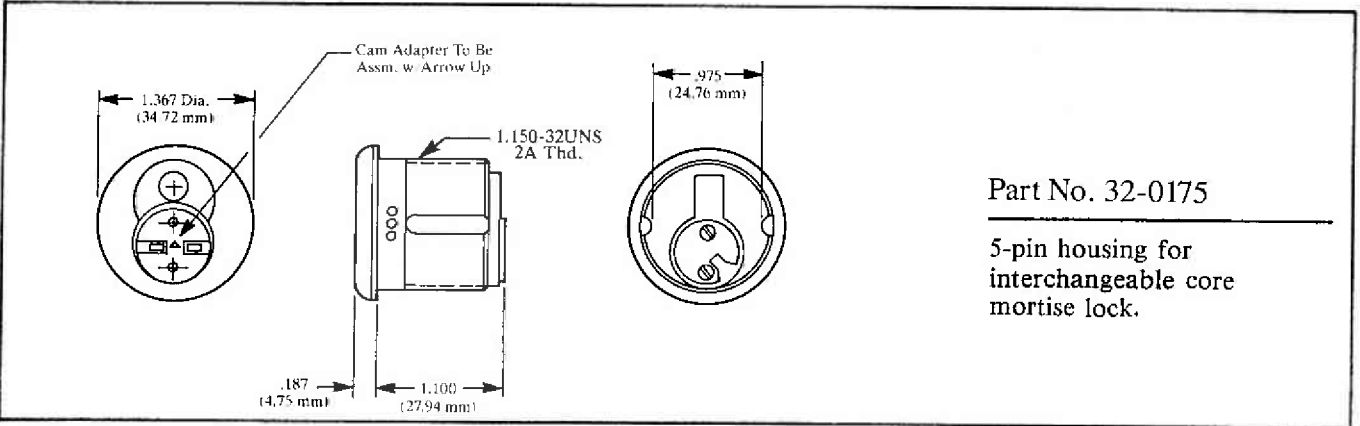
6-pin assembly for interchangeable core rim lock with vertical tailpiece.

Part No. 32-0400A

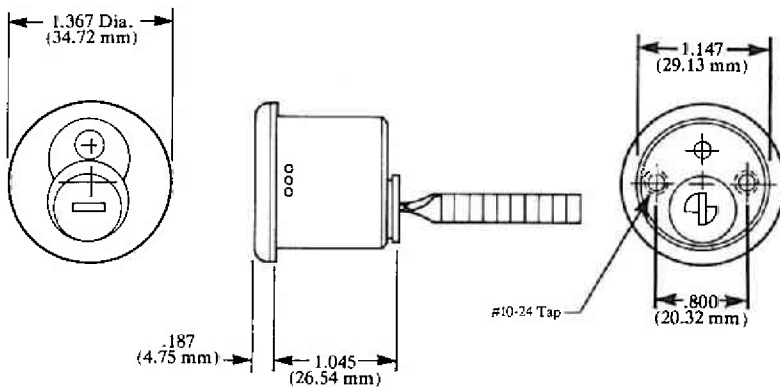
6-pin assembly for interchangeable core rim lock.



Mortise Housing Assemblies:

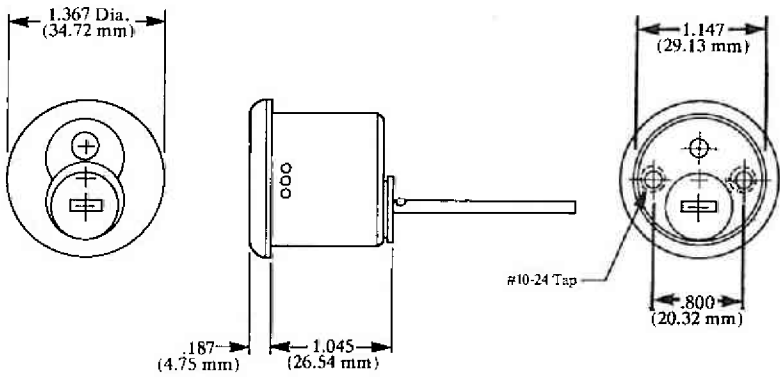


Rim Housing Assemblies:



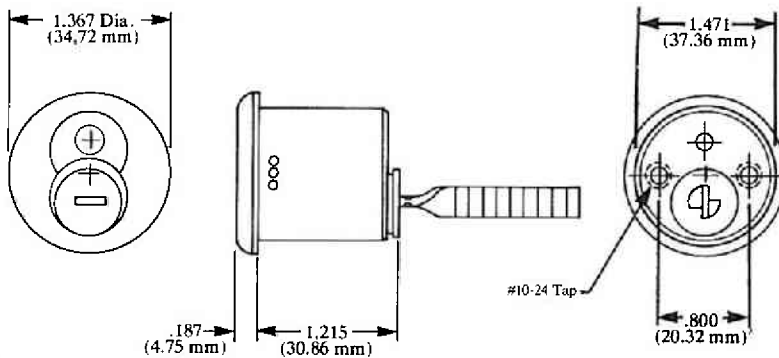
Part No. 32-0375

5-pin rim lock housing for interchangeable core with vertical tailpiece.



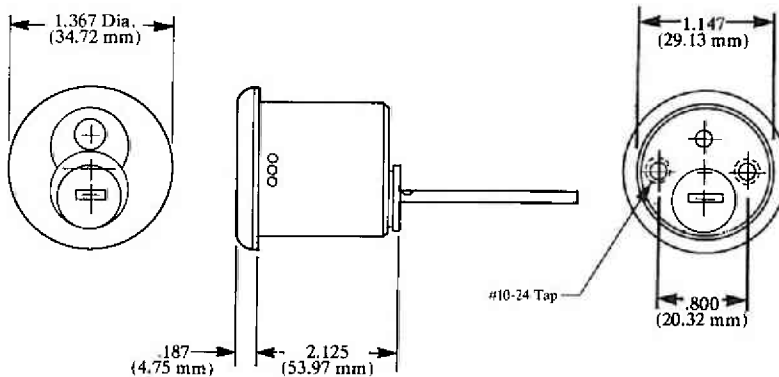
Part No. 32-0375A

5-pin rim lock housing for interchangeable core.



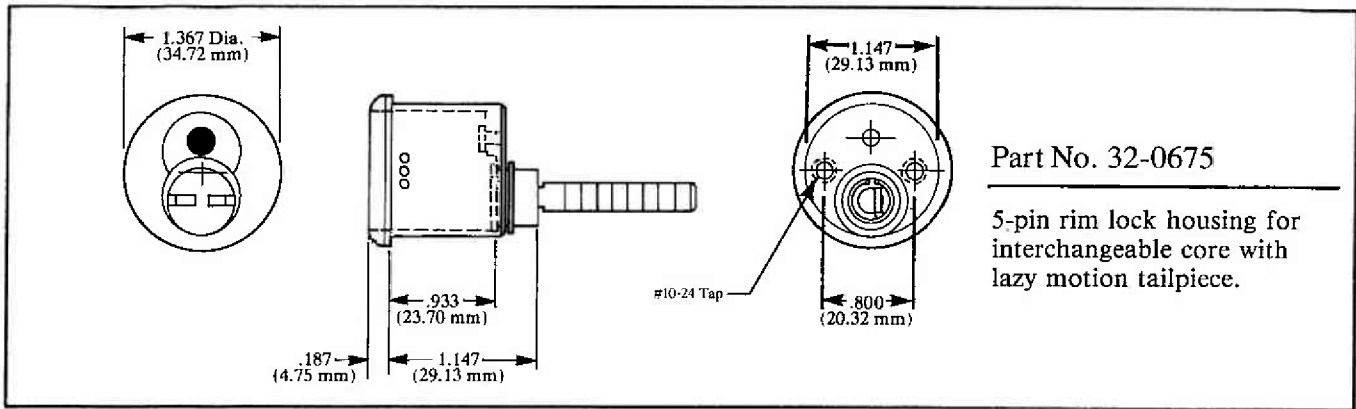
Part No. 32-0475

6-pin rim lock housing for interchangeable core with vertical tailpiece.



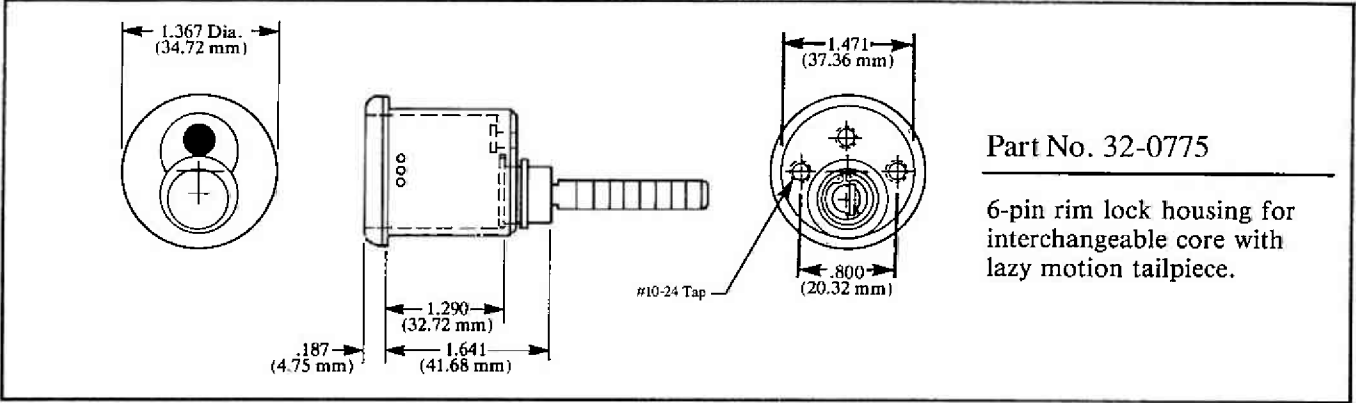
Part No. 32-0475A

6-pin rim lock housing for interchangeable core.



Part No. 32-0675

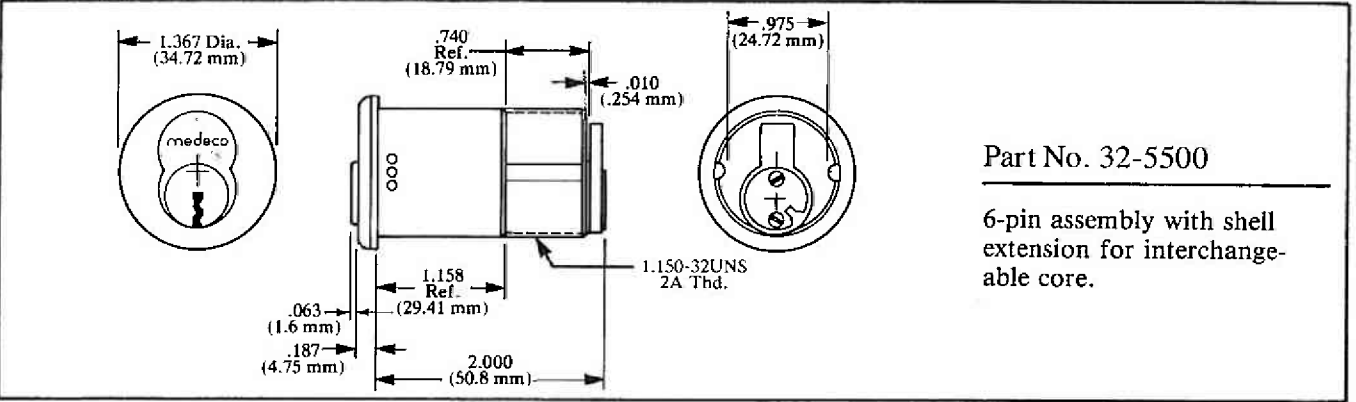
5-pin rim lock housing for interchangeable core with lazy motion tailpiece.



Part No. 32-0775

6-pin rim lock housing for interchangeable core with lazy motion tailpiece.

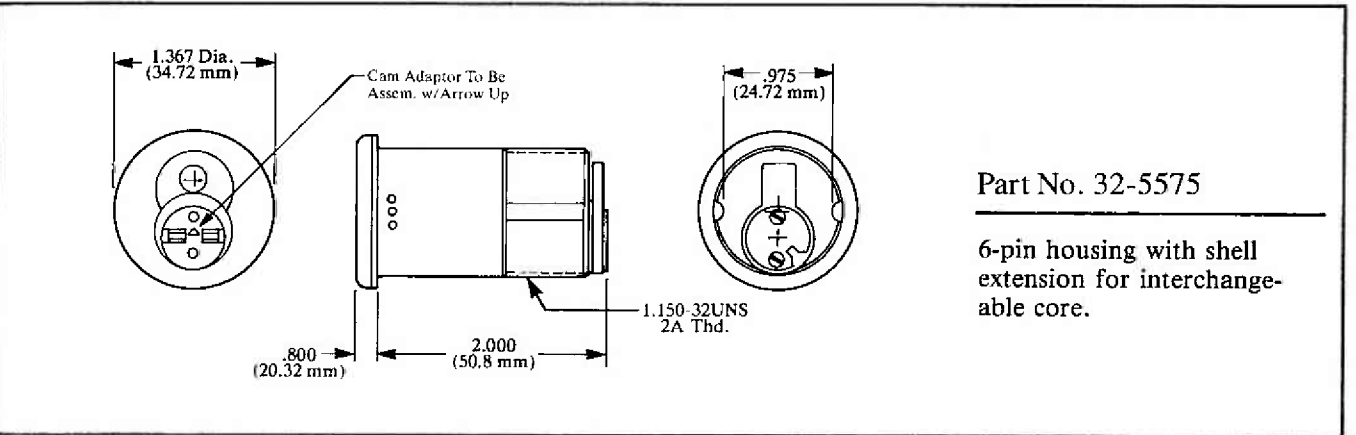
2" Extended Mortise Assembly:*



Part No. 32-5500

6-pin assembly with shell extension for interchangeable core.

2" Extended Mortise Housing Assembly:*

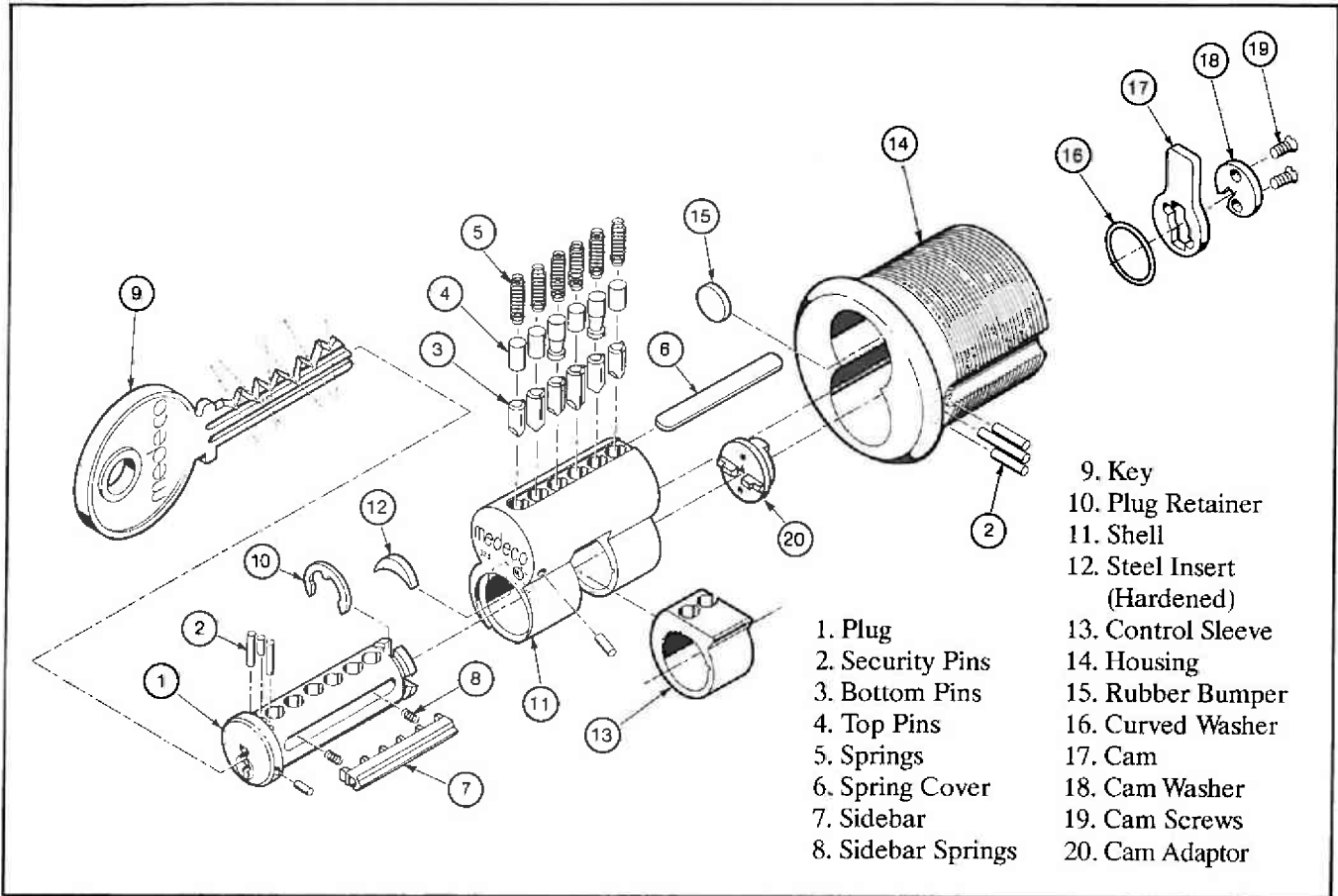


Part No. 32-5575

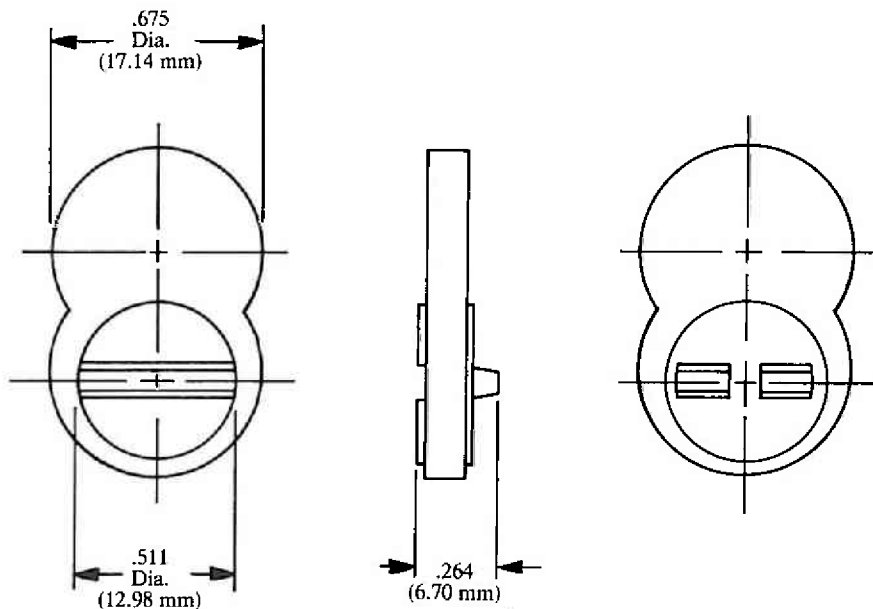
6-pin housing with shell extension for interchangeable core.

*Note: Other extended lengths available upon request, based on quantity requirements.

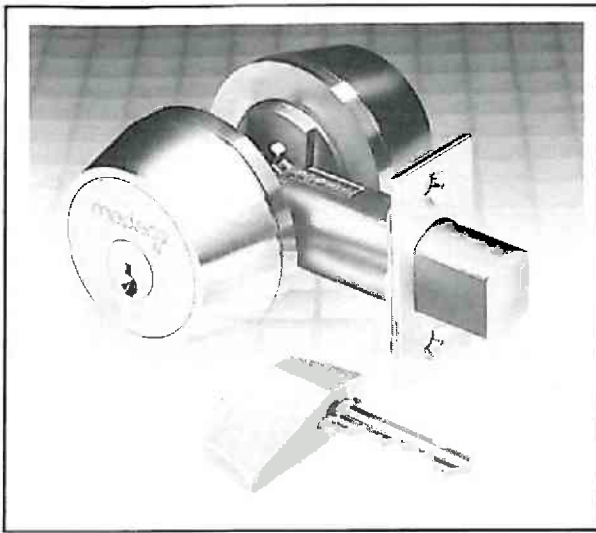
Interchangeable Core Cylinder



Adaptor - Allows 5 pin core (32-0101) to fit a 6 pin housing.
 part # 94-0009







D-11™ Series Deadbolt

Applications and Features

The D-11 Deadbolt has been designed specifically for residential and business applications. It provides maximum protection with anti-drilling and anti-prying features and includes Medeco's double locking high security cylinder for pick resistance. It is constructed of solid machined brass and is available in any of the eight handsome finishes featured on page 2.

The D-11 is offered in three functions: 1) single cylinder, with the cylinder outside and a thumbturn inside; 2) the cylinder/blank, where one of the cylinders has been replaced with a blank plate; and 3) double cylinder (can be ordered with the captive thumbturn key).

An optional feature of the D-11 double cylinder deadbolt utilizes a patented key thumbturn that converts the inside cylinder to a thumbturn for safety sure exit when the facility is occupied. When the facility is vacant, a quick conversion returns the D-11 to its double cylinder mode and on guard against access or exit.

The D-11 is recommended as the best door lock for residential and business use. Its finished appearance enhances any door.

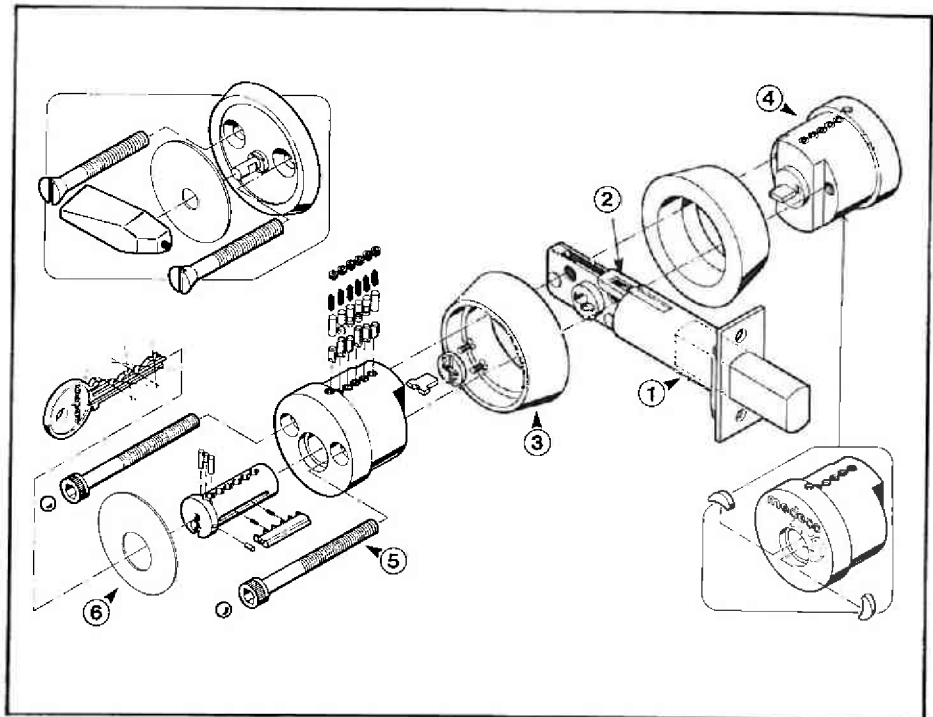
Installation:

Completely reversible for left hand or right hand, standard or reverse bevel doors. Identical door preparation for all functions. Standard 1-1/2" cross bore and 1" edge bore holes. Optional adapter to accommodate 2-1/8" cylindrical lockset holes, and optional drive bolt for metal door installation. Unit may be installed on doors from 1-1/4" to 2-1/2" thick.

Features:

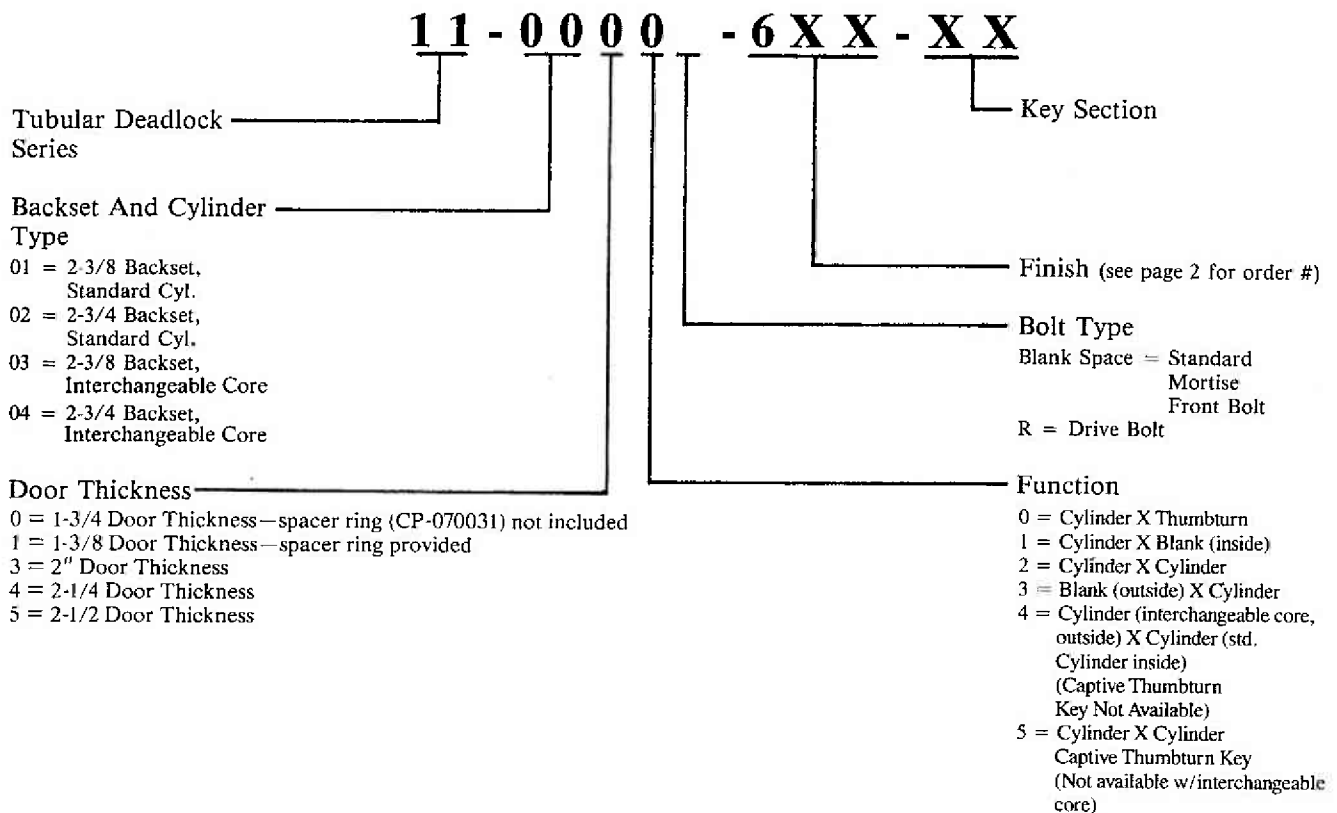
1. 2" hardened solid steel "anti-saw" bolt in deep drawn steel case. Total bolt length 2" with 2-3/4" backset models (1" throw).
2. Positive deadbolt action
3. Tapered, wrench resistant, free spinning solid brass cylinder collar and guard.
4. Solid brass 6 pin Medeco cylinder incorporating:
 - Medeco double-locking action
 - hardened steel anti-drill inserts
 - anti-pry allen set screw pin covers
 - positive action tailpiece
 - closed keyway tailpiece retainer
5. 1/4" diameter high tensile strength steel retaining screws. Protected by drive fit steel balls on double cylinder function.
6. Cover plate conceals retaining screws.
7. Optional key thumbturn (double cylinder only). Part number KY-105608.
8. Optional 2-9/16" diameter adapter plate to accommodate 2-1/8" diameter knob set preparation.
9. Optional steel strike reinforcement kit. Part number 94-0004.

(7, 8, and 9 are not shown.)

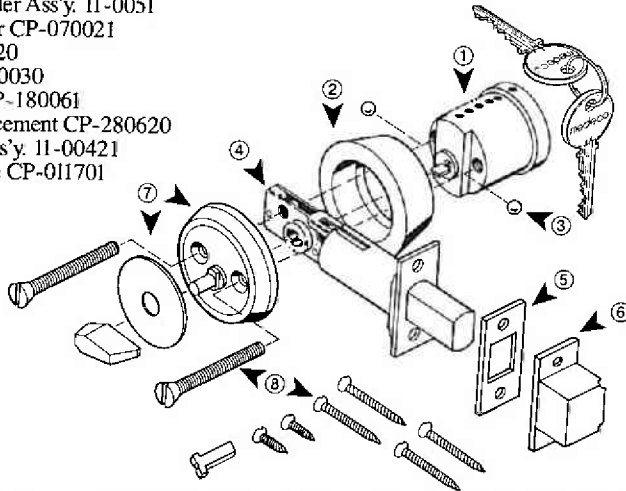


Part Number Explanation

By using the information below, you may construct a part number to order any of the 240 variations of deadlocks available from Medeco.



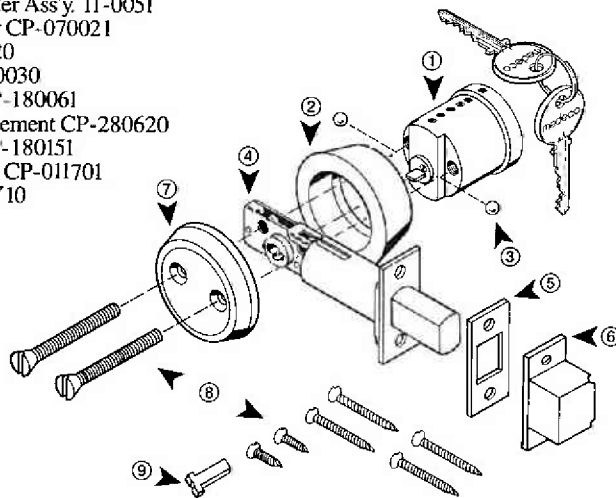
1. Outside Cylinder Ass'y. 11-0051
2. Security Collar CP-070021
3. Ball CP-250020
4. Bolt Ass'y. 11-0030
5. Strike Plate CP-180061
6. Strike Reinforcement CP-280620
7. Thumbturn Ass'y. 11-00421
8. Screw Package CP-011701



Part No. 11-0100

Single cylinder with thumbturn

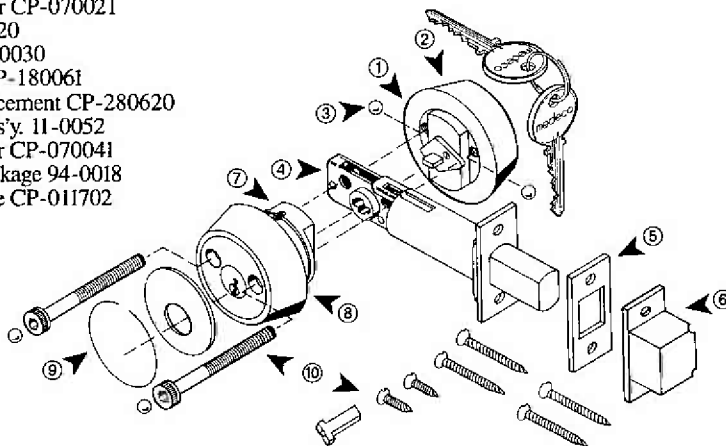
1. Outside Cylinder Ass'y. 11-0051
2. Security Collar CP-070021
3. Ball CP-250020
4. Bolt Ass'y. 11-0030
5. Strike Plate CP-180061
6. Strike Reinforcement CP-280620
7. Blank Plate CP-180151
8. Screw Package CP-011701
9. Tailpiece CT-Y10



Part No. 11-0101

Single cylinder with blank

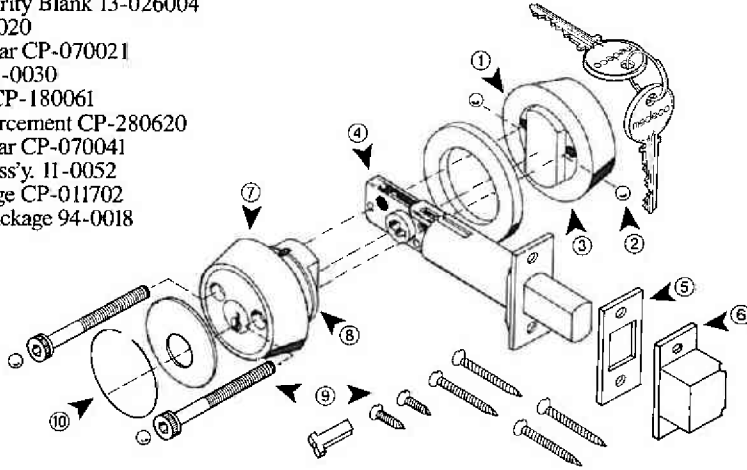
1. Outside Cyl. Ass'y. 11-0051
2. Security Collar CP-070021
3. Ball CP-250020
4. Bolt Ass'y. 11-0030
5. Strike Plate CP-180061
6. Strike Reinforcement CP-280620
7. Inside Cyl. Ass'y. 11-0052
8. Security Collar CP-070041
9. Trim Plate Package 94-0018
10. Screw Package CP-011702



Part No. 11-0102

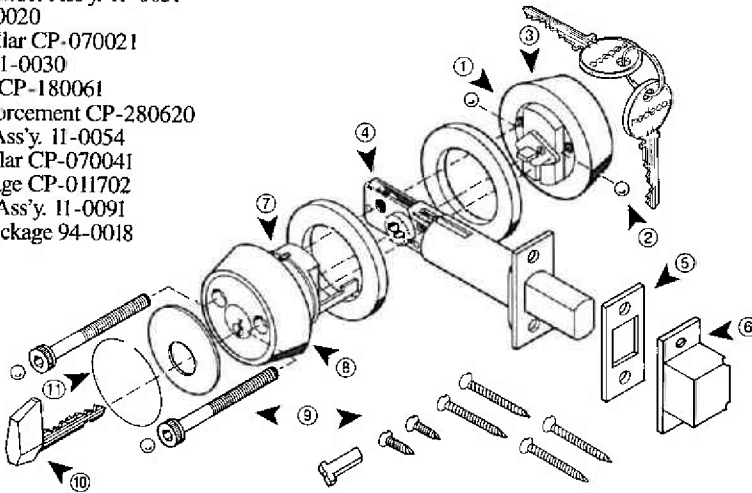
Double cylinder

1. Outside Security Blank 13-026004
2. Ball CP-250020
3. Security Collar CP-070021
4. Bolt Ass'y. 11-0030
5. Strike Plate CP-180061
6. Strike Reinforcement CP-280620
7. Security Collar CP-070041
8. Inside Cyl. Ass'y. 11-0052
9. Screw Package CP-011702
10. Trim Plate Package 94-0018

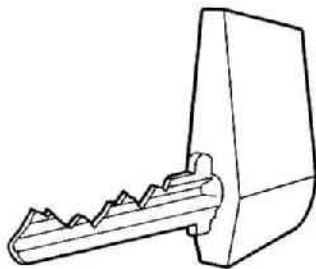


Part No. 11-0103
 Cylinder with blank

1. Outside Cylinder Ass'y. 11-0051
2. Ball CP-250020
3. Security Collar CP-070021
4. Bolt Ass'y. 11-0030
5. Strike Plate CP-180061
6. Strike Reinforcement CP-280620
7. Inside Cyl. Ass'y. 11-0054
8. Security Collar CP-070041
9. Screw Package CP-011702
10. Thumbturn Ass'y. 11-0091
11. Trimplate Package 94-0018



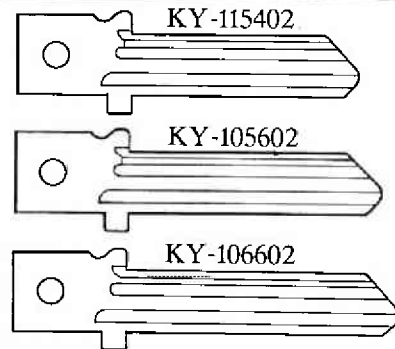
Part No. 11-0105
 Double cylinder with
 captive thumbturn



Thumbturn Key

| Part No. |
|-----------|
| KY-106608 |
| KY-106609 |

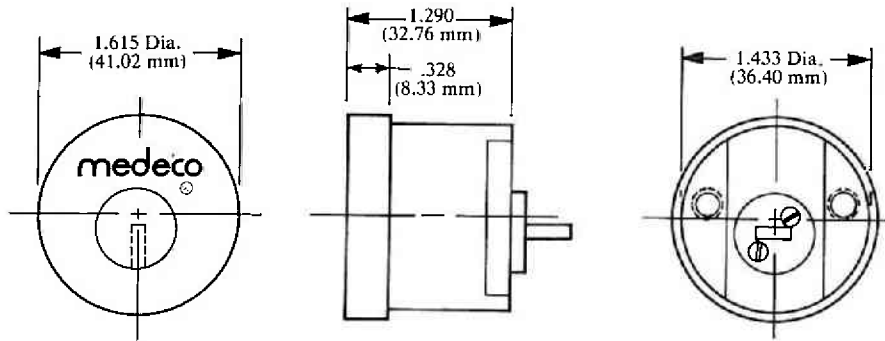
For Function 5 order



Thumbturn Key Blanks

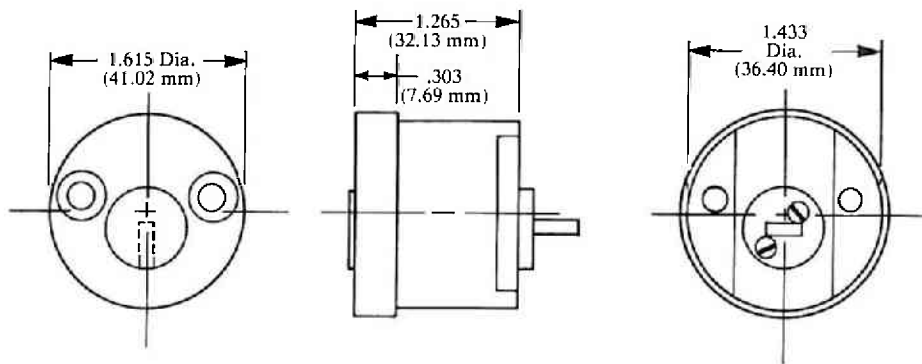
| Part No. |
|-----------|
| KY-115402 |
| KY-105602 |
| KY-106602 |
| KY-106605 |

For Function 5 order



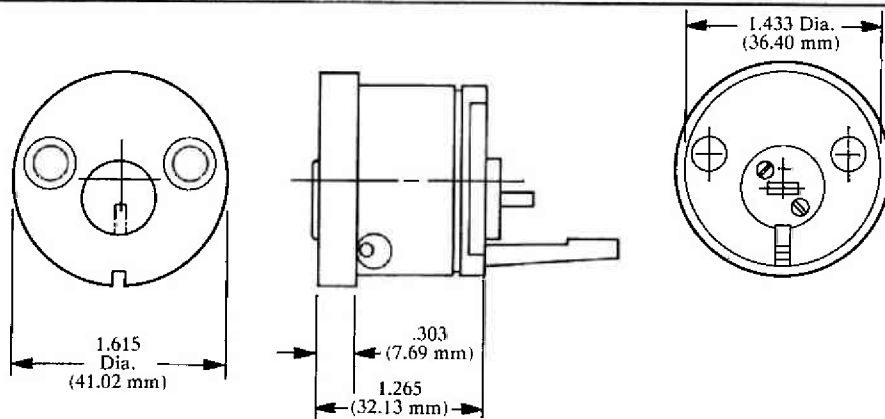
Part No. 11-0051

Outside cylinder
assembly



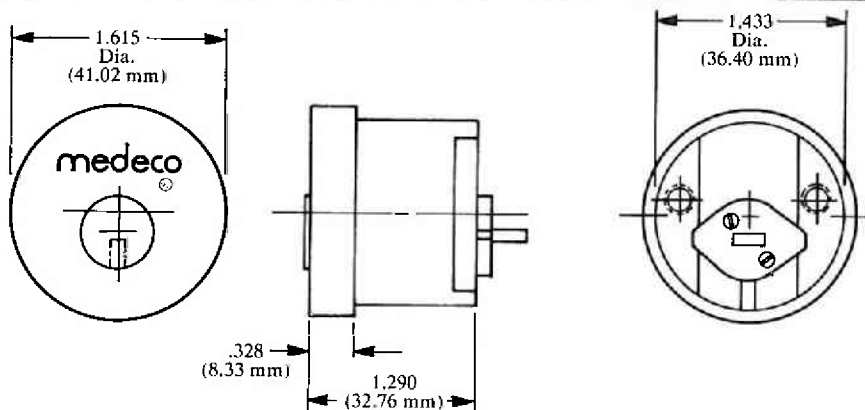
Part No. 11-0052

Inside cylinder
assembly



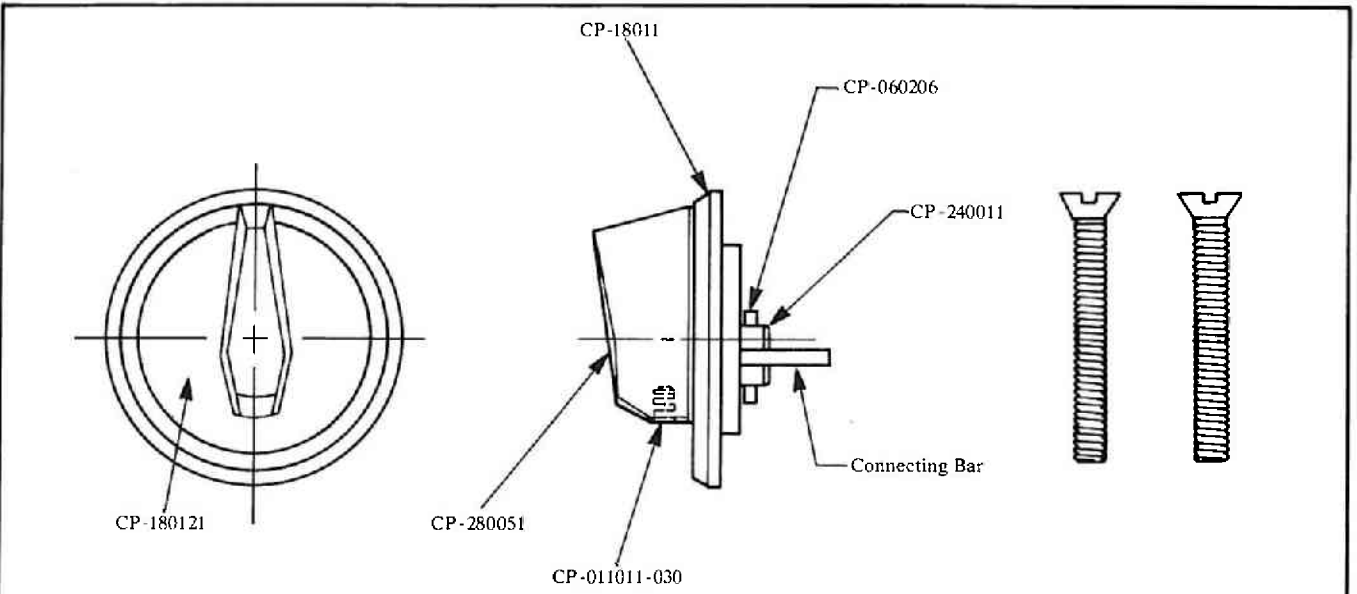
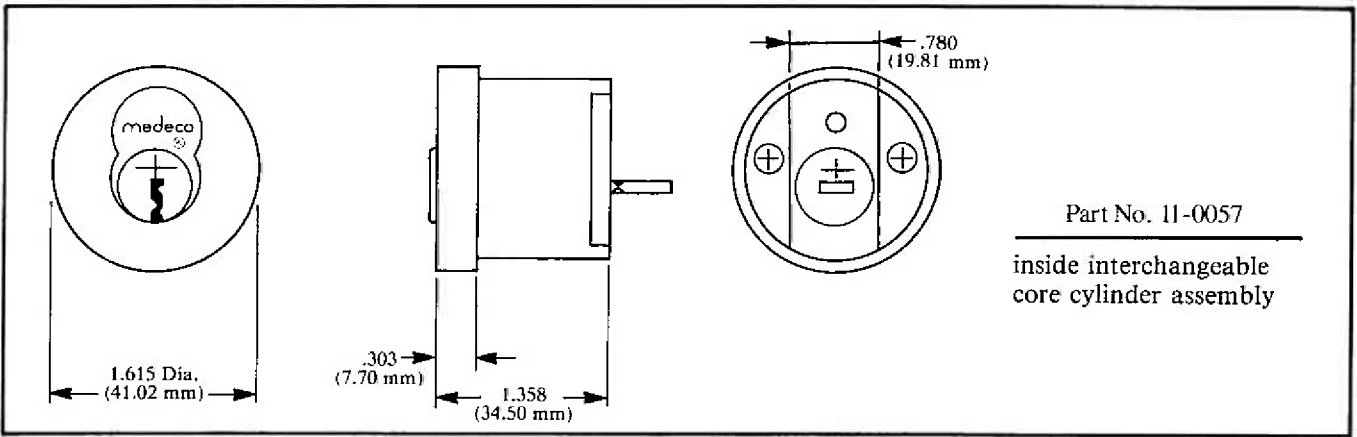
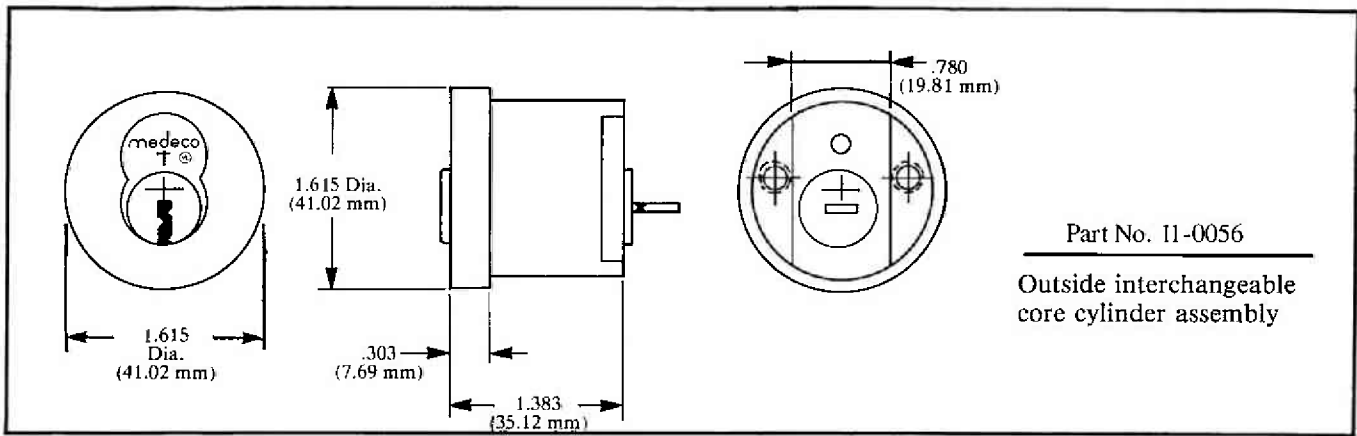
Part No. 11-0054

Inside key retaining
cylinder assembly



Part No. 11-0055

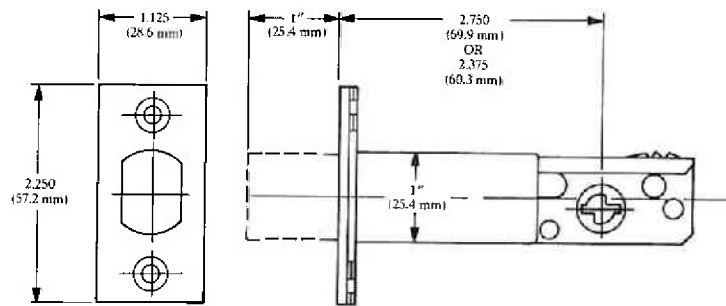
Outside key retaining
cylinder assembly



| Thumbturn Assembly with screws | Thumbturn Assembly | Screws | Door Thickness |
|--------------------------------|--------------------|---------------|-----------------|
| Part No. | Part No. | | |
| 11-00426 | 11-00421 | CP-010120-320 | 1-3/8" & 1-3/4" |
| 11-00427 | 11-00422 | CP-010120-400 | 2" |
| 11-00428 | 11-00423 | CP-010120-400 | 2-1/4" |
| 11-00429 | 11-00424 | CP-010120-400 | 2-1/2" |

Dead Bolt Assemblies

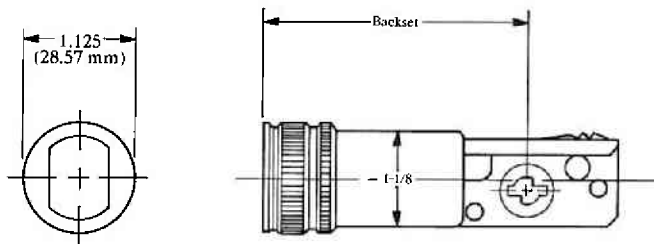
Standard Bolt



*Standard bolt available with 1" wide faceplate; to order use part #11-0020 (2-3/8" backset) and #11-0021 (2-3/4" backset)

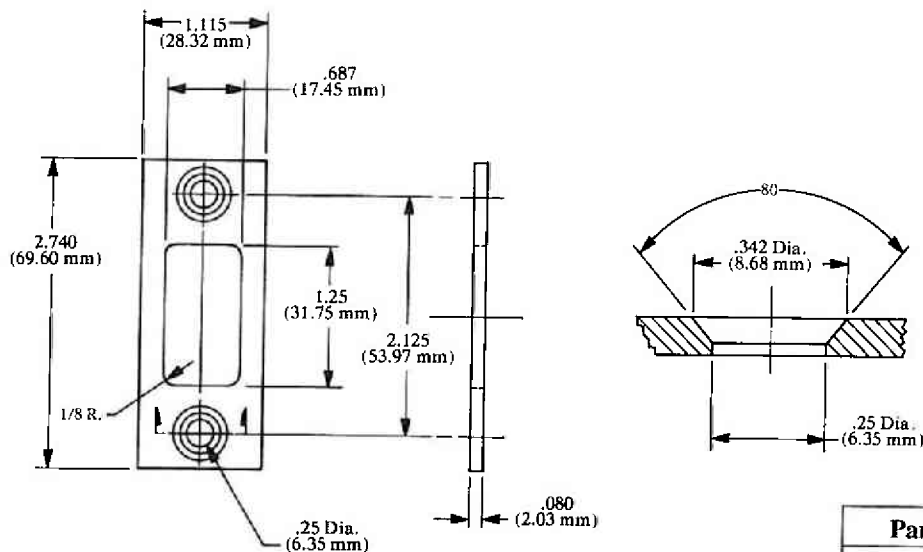
| Backset | Part No. |
|---------|----------|
| 2-3/8" | 11-0030 |
| 2-3/4" | 11-0040 |

Drive-in Bolt



| Backset | Part No. |
|---------|----------|
| 2-3/8" | 11-0050 |
| 2-3/4" | 11-0060 |

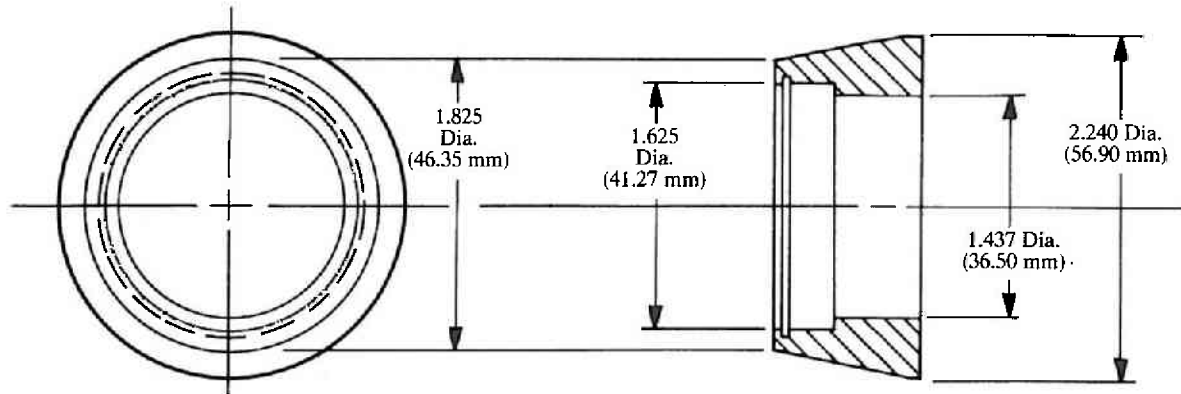
Strike



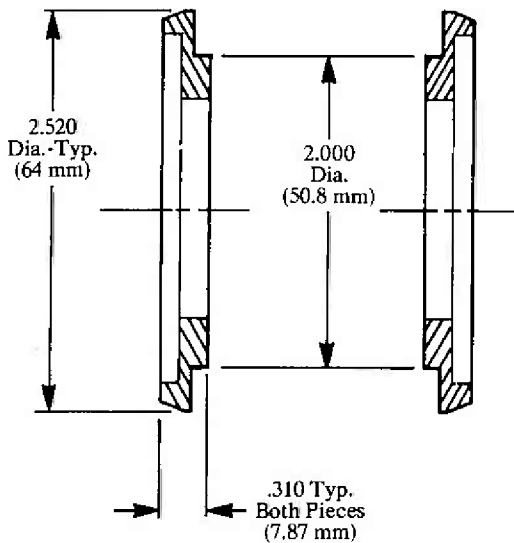
| Part No. |
|-----------|
| CP-180061 |

Note: Strike reinforcement available; Part #CP-180161

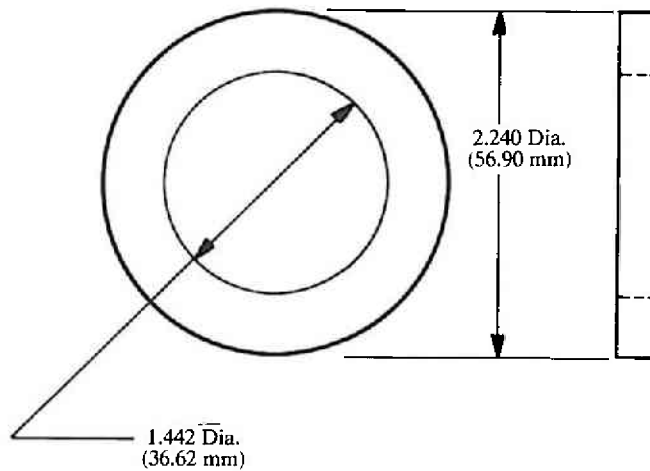
Collar



Adapter Collar*



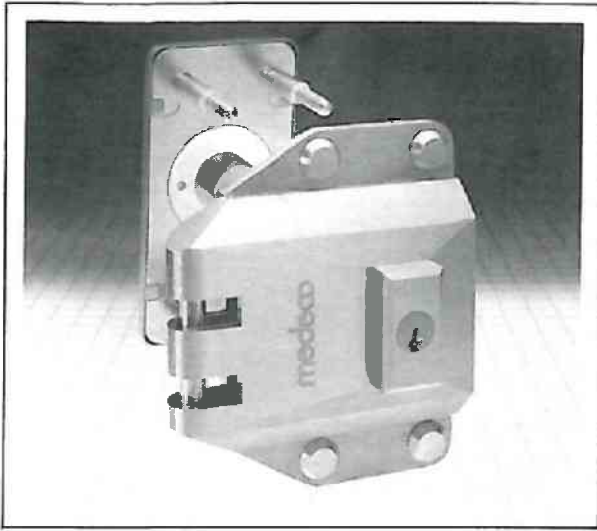
Spacer



| Door Thickness | Collar | Spacer |
|----------------|-----------|-----------|
| | Part No. | Part No. |
| 1-3/8 | CP-070041 | CP-070031 |
| 1-3/4 | CP-070041 | N/A |
| 2 | CP-070071 | CP-070061 |
| 2-1/4 | CP-070071 | CP-070051 |
| 2-1/2 | CP-070071 | N/A |

Adaptor for Doors with 2-1/8" Diameter Crossbore part #
#CP-070099

*Note - shipped as a set



D-10™ Series High Security Dropbolt

The Medeco High Security Dropbolt offers total protection needed for high crime, high risk areas in residential and commercial door applications. The unique design of the D-10 will satisfy the most demanding security requirements, yet its aesthetic profile will enhance any living and working environment.

The D-10 is designed to protect against all forms of forced attack and surreptitious compromise through the use of three security components.

- A guardplate shields the lock cylinder from hammering and wrenching. As an option, the UL listed Medeco Bodyguard® is available. This steel cover plate includes a hardened disc for added protection against chiseling, pulling and drilling. The Bodyguard® includes a decorative polished cover to give the door's exterior an elegant appearance.
- The Medeco high security, UL listed lock cylinder is operated by a coded key which lifts and rotates pin tumblers in a dual locking action. The lock cylinder is designed to be virtually pickproof, and with over 23,000,000 lock and key combinations, every lock is unique.
- The High Security Dropbolt mounts on the inside of the door and is fastened to the steel bolts of the Bodyguard® plate like a vise. The internal components are protected by a second cover plate as a further precaution against drills and probes. Two stainless steel bolts interlock with a massive strike that attaches to the door frame. Experts call the D-10 High Security Dropbolt "the best locking device against intrusion at any price."

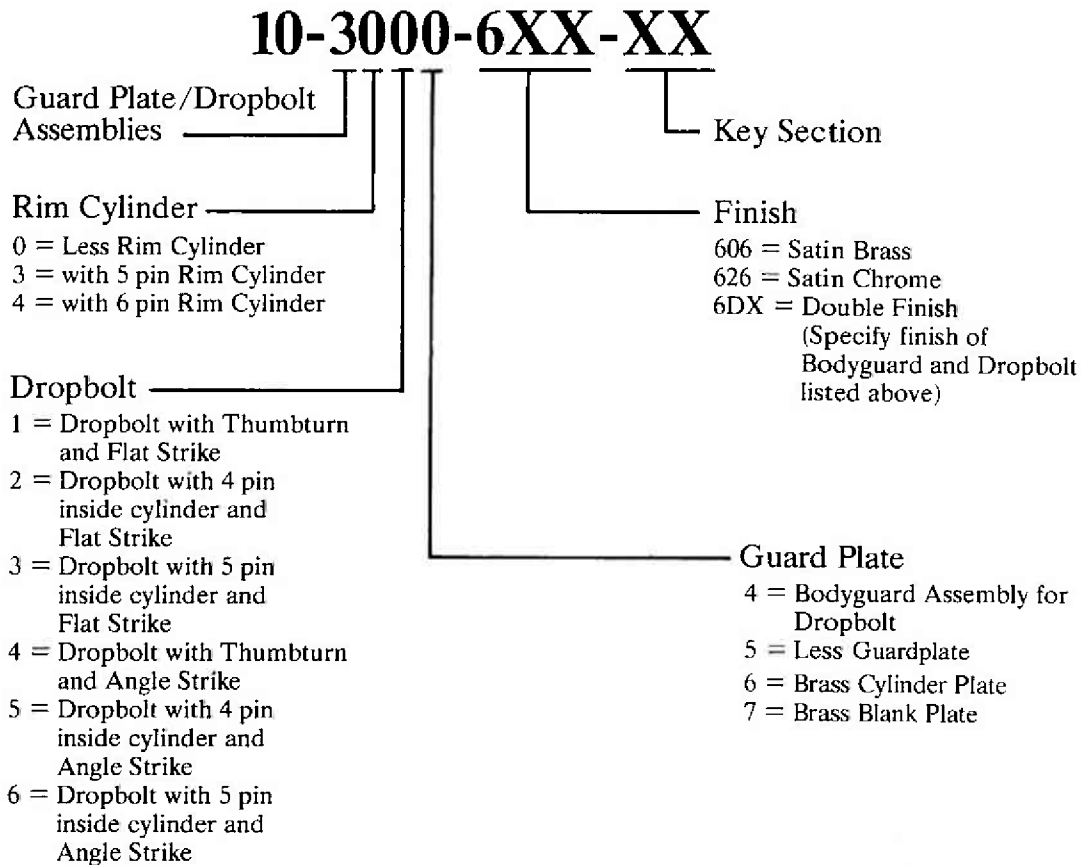
FEATURES

- UL listed high security cylinder
- A brass guardplate or a UL listed Bodyguard® armored plate.
- Stainless steel, hardened steel, and brass components
- Available with double cylinder or single cylinder with thumbturn
- Hardened steel tamperproof bolts
- Hardened steel protective sleeves
- Stainless steel locking bolt
- Two heavy duty, extended strikes available for wood or steel frames
- Dropbolt adjustable for 1-3/4" – 2" doors
- Modified stud length on Bodyguard® for D-10 Series Dropbolt is 1-3/4"
- Dropbolt finished in Satin Brass

Patent Pending

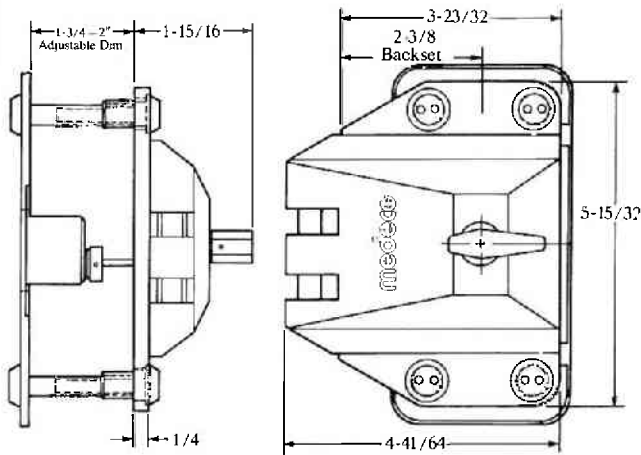
Ordering Instructions:

By using the information below you may construct a part number to order any of the variations of the D-10 Series available from Medeco.

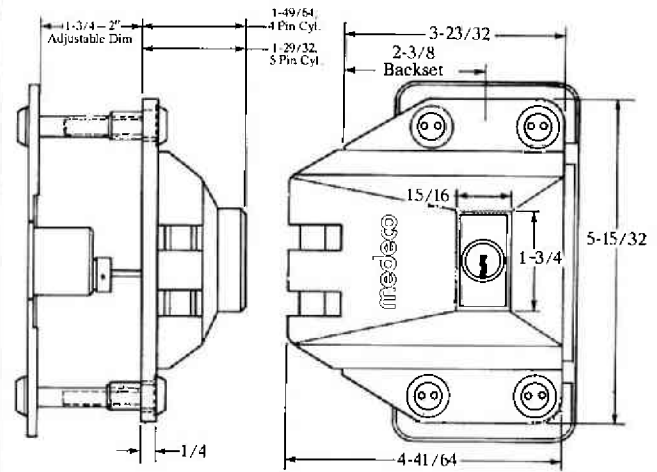


| PART NO. | DESCRIPTION |
|-----------|--|
| 94-0011 | Flat Strike and Screw Package only (Specify Finish) |
| 94-0012 | Angle Strike and Screw Package only (Specify Finish) |
| CP-130081 | Tamper Proof Bolt Adaptor—Socket Drive |
| CP-180311 | Flat Strike Shim Plate—1/16" Thick (Specify Finish) |
| CP-180321 | 1/8" Spacer Plate for Housing (Specify Finish) |
| 94-0014 | 5 pin cylinder kit for Dropbolt—to convert 4 pin to 5 pin assembly with 2 keys. (Specify Finish) |

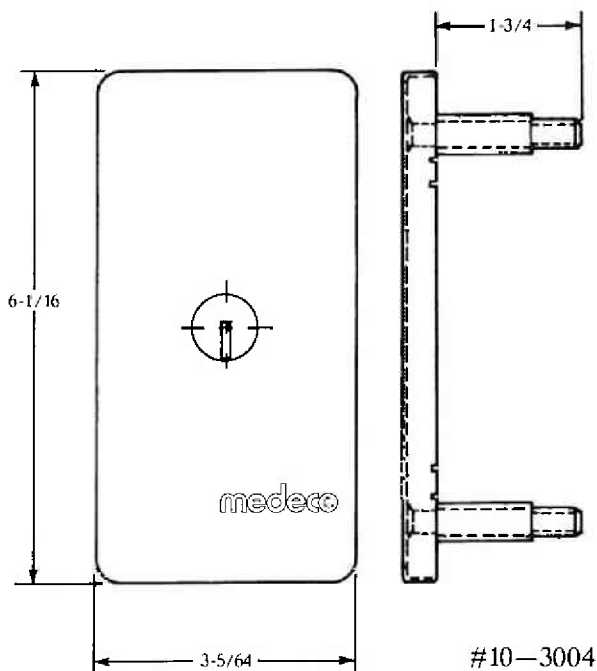
Thumbturn Dropbolt Assemblies



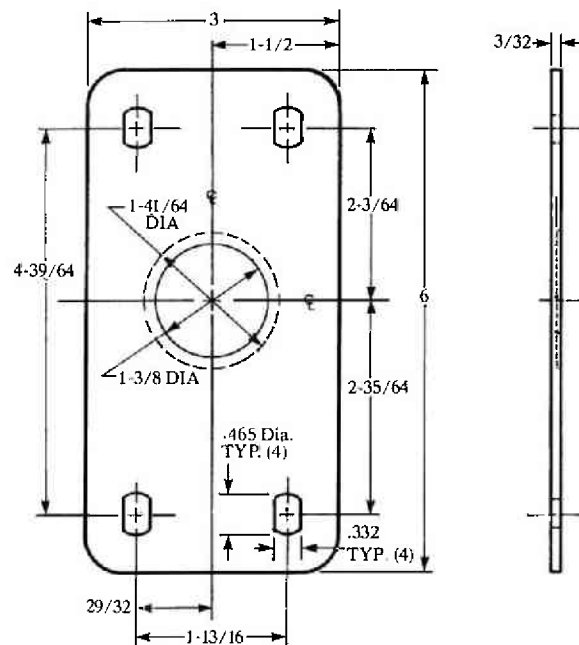
Dropbolt Assemblies



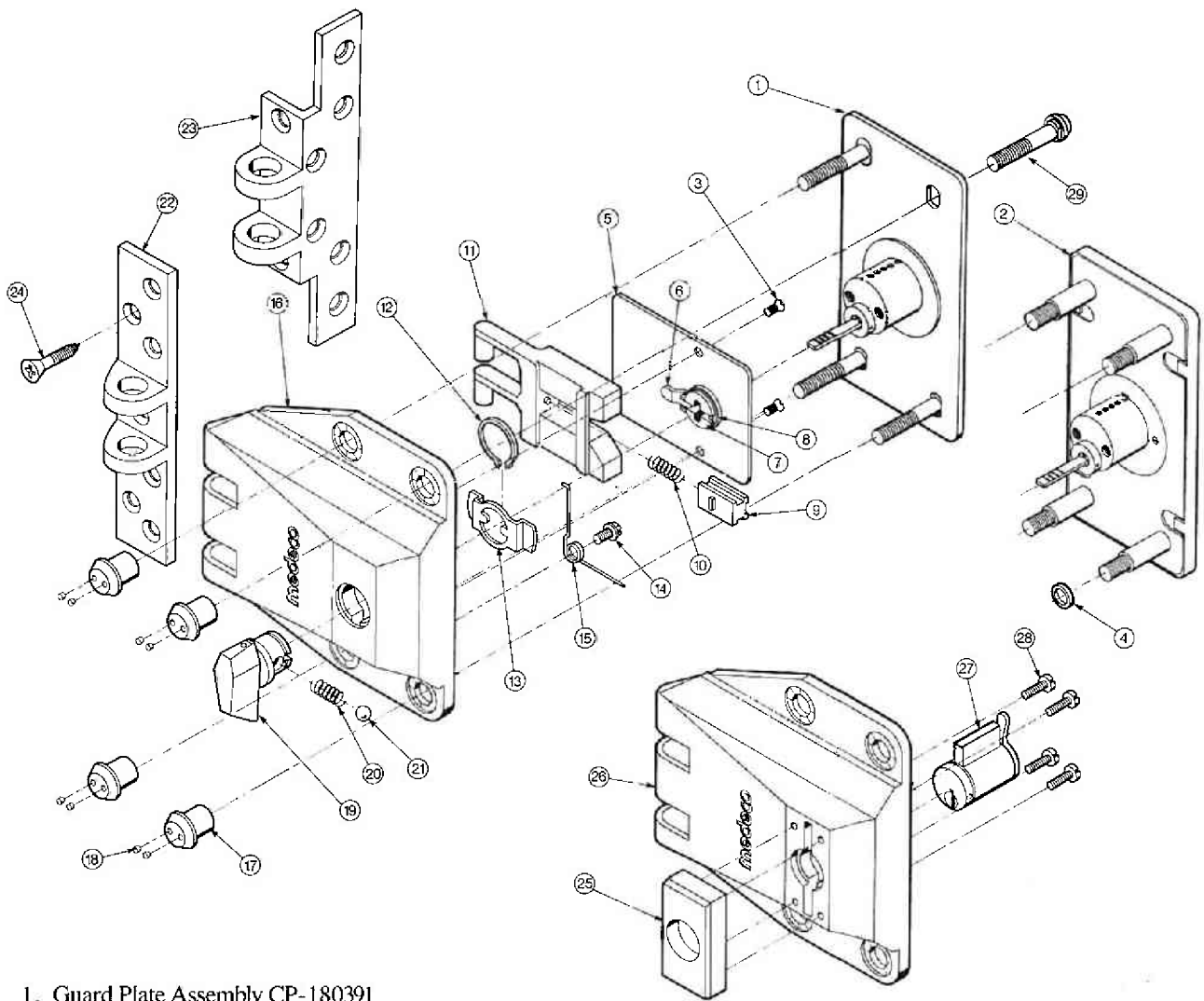
Bodyguard Assemblies For Dropbolt



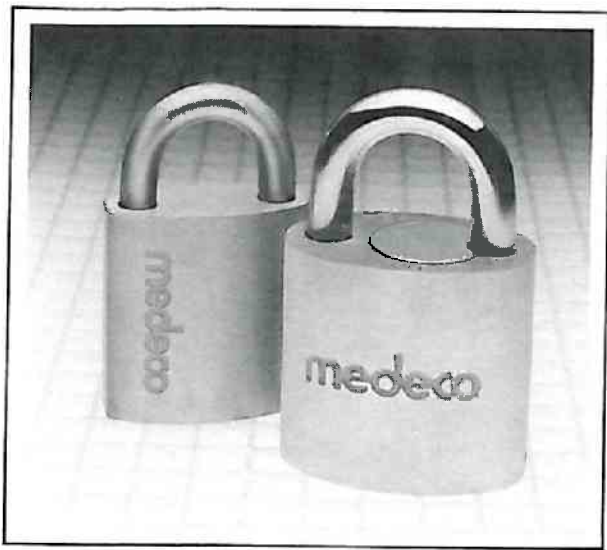
Guard Plate Assemblies For Dropbolt



Note: This Bodyguard version has been designed specifically for the D-10 Series High Security Dropbolt.



- | | |
|---|---|
| <ul style="list-style-type: none"> 1. Guard Plate Assembly CP-180391 2. Bodyguard® Assembly 10-3004 3. Flat Head Screws CP-010113-060 4. Spacer Washer CP-160150 5. Cover Plate CP-180301 6. Cam CT-Z30 7. Cam Adaptor CP-130061 8. Retainer CP-020140 9. Lock Actuator CP-100201 10. Compression Spring CP-030037 11. Locking Bolt CP-090170 12. Retainer CP-020130 13. Cam-Thumbturn CP-Z31 14. Hex. Washer Rolok Screw CP-012015-060 15. Torsion Spring CP-030038 16. Housing – Thumbturn Assembly CP-280501 17. Tamper Proof Sex Bolts CP-280561 | <ul style="list-style-type: none"> 18. Tamper Proof Pins CP-060422 19. Thumbturn & Thumbturn Shaft Ass'y. CP-280551 20. Compression Spring CP-030024 21. Ball CP-250070 22. Flat Strike CP-280571 23. Angled Strike CP-280541 24. Wood Screws #10 2" CP-010237-320 3/4" CP-010238-120 3/4" Typ. AB CP-010139-120 25. Cylinder Housing 4 Pin CP-280521 5 Pin CP-280531 26. Housing – Double Cylinder Assembly CP-280511 27. Cylinder 4 Pin 20-6051 5 Pin 20-6052 28. Pan Head Screws CP-010413-120 29. Tamper Proof Mounting Bolts CP-280601 |
|---|---|



Padlocks.

Medeco manufactures two basic types of padlocks. Both contain our patented, pick resistant, high security cylinder. Either may be used for industrial safekeeping, perimeter gates, cargo vehicles, on vending machines and on gun cabinets. The High Security padlock may also be used for remote station security.

The High Security padlock is made of solid bronze with 19 hardened steel inserts. The hardened steel shackle comes in a choice of three diameters – $\frac{3}{8}$ ", $\frac{7}{16}$ ", and $\frac{1}{2}$ ". It has a stainless steel bolt and a hardened steel bolt cover. The padlock weighs over two pounds and has a top loaded, removable, 6-pin Medeco cylinder. It is available in the key retained function only and can be keyed with existing Medeco cylinders. Other features include a pull resistant shrouded keyhole, toe and heel deadbolt locking action, and is available with a dust cover and safety chain. It can be ordered keyed differently, keyed alike, or master keyed to specifications.

Medeco also manufactures a brass padlock, which is available in two versions: the removeable cylinder and the interchangeable core padlocks. Both padlocks have a cylinder or core which is UL listed and virtually pickproof and drillproof. Both have hardened steel inserts for high security protection. The padlock cases are constructed of brass with shackles of stainless steel for corrosion protection or hardened steel for protection against cutting.

The interchangeable core padlock has been designed for ease of serviceability in the field. Its core may be changed in seconds using a control key, and the core retrofits other Medeco 32-series mortise and rim and 11-series deadbolt interchangeable cores. Both types of padlocks are available with the non-key retained or key-retained functions.

The brass padlocks also feature:

- Four shackle clearance options, of $\frac{7}{8}$ ", $1\frac{3}{4}$ ", $2\frac{1}{4}$ " and $1\frac{1}{8}$ "
- Optional rubber case cover, constructed of material especially chosen for superior weather resistance and protection against atmospheric conditions
- Optional steel machine chain of #4 twist link has bright zinc plating
- Optional dust cover protects keyway of cylinder from weather conditions
- Toe and heel deadbolt locking action
- Available keyed differently, keyed alike or master keyed to specifications

High Security Padlock

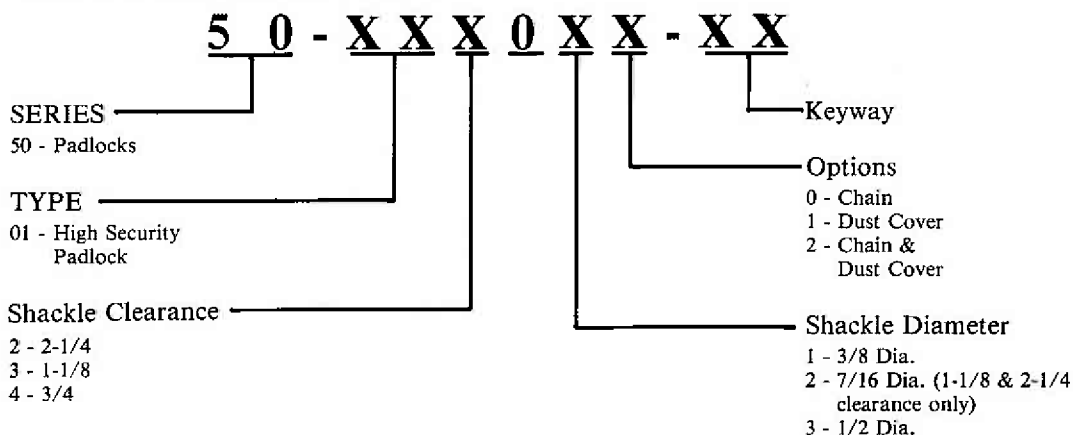
Ordering Instructions:

By using the information below you may construct a part number to order any of the variations of padlocks available from Medeco (example: 50-013021-XX denotes a High Security padlock with a 1 1/8" shackle clearance and a 7/16" shackle diameter, with a dust cover.)

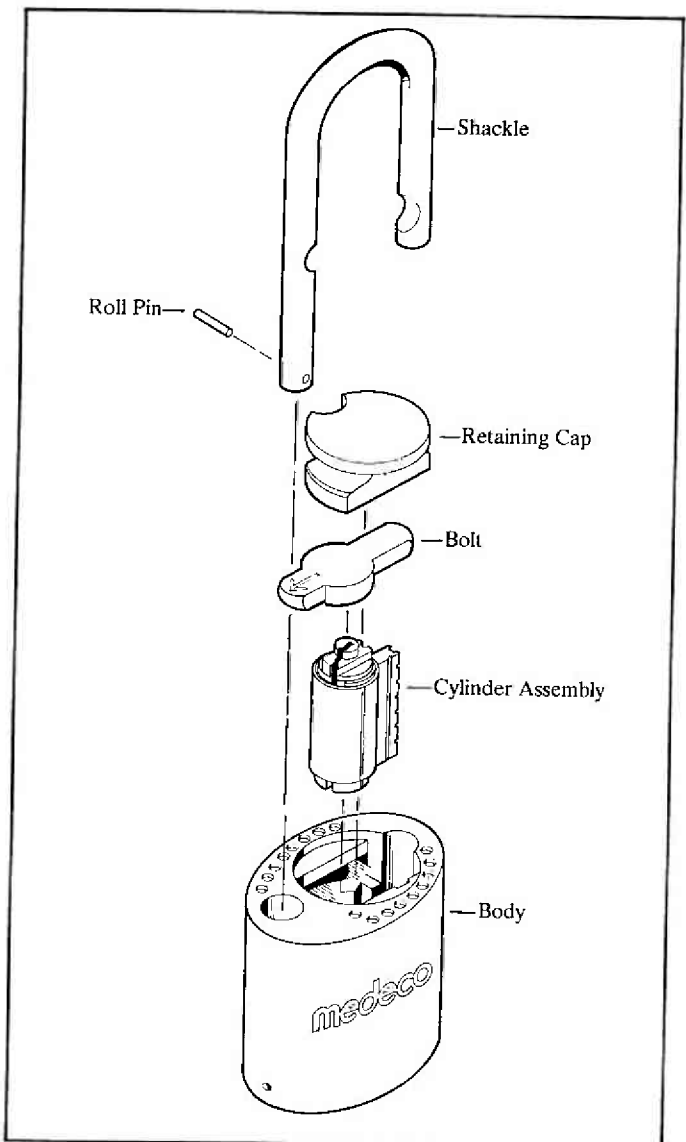
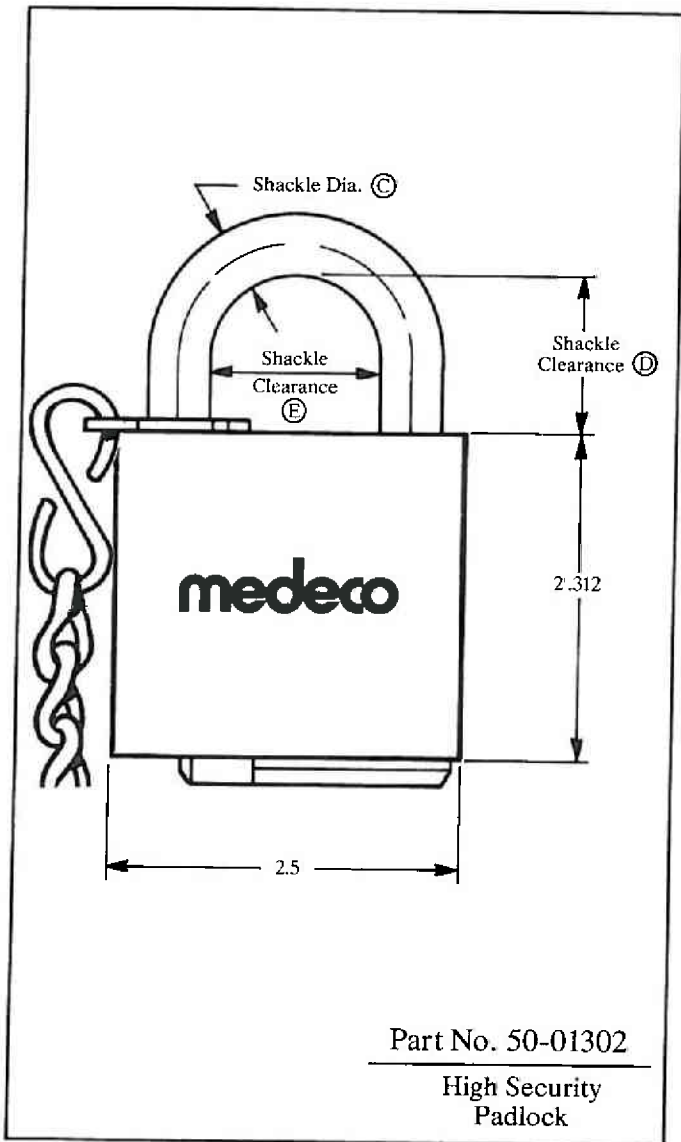
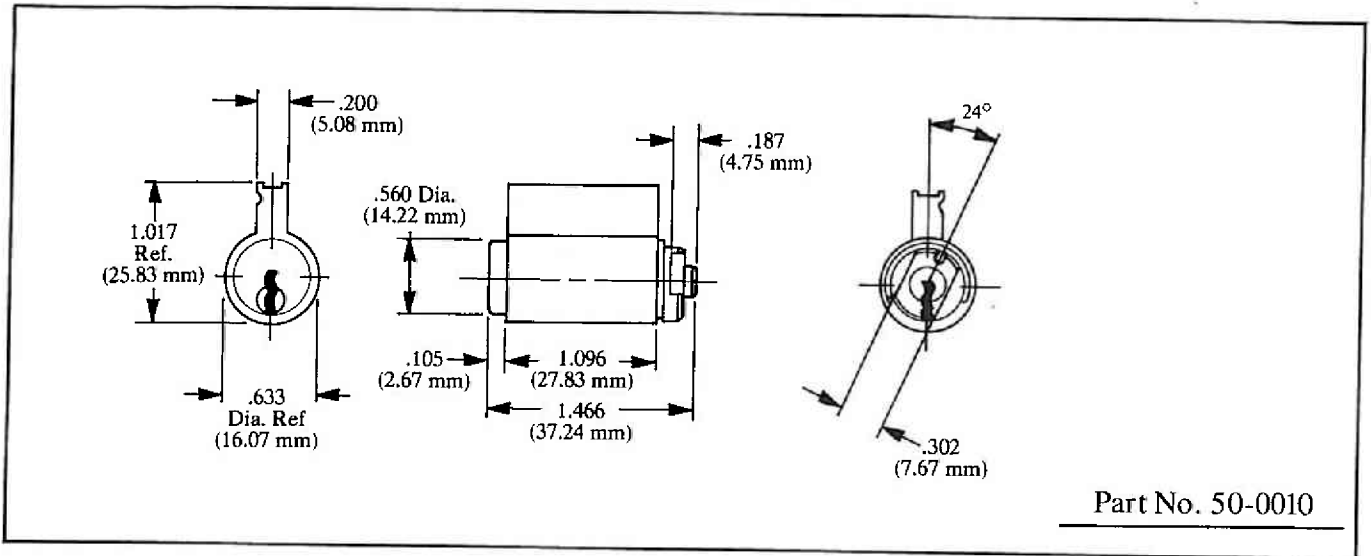
| Catalog No. | A | B | | C | D | E |
|-------------|------------|-------------|------------------|------------------|-------------------|-------------------|
| Part No. | Body Width | Body Height | Shackle Material | Shackle Diameter | Shackle Clearance | Shackle Clearance |
| 50-01302 | 2-1/2 | 2-5/16 | Hardened Steel | 7/16 | 1-1/8 | 1-3/16 |
| 50-01301 | 2-1/2 | 2-5/16 | Hardened Steel | 3/8 | 1-1/8 | 1-1/4 |
| 50-01303 | 2-1/2 | 2-5/16 | Hardened Steel | 1/2 | 1-1/8 | 1-1/8 |
| 50-01202 | 2-1/2 | 2-5/16 | Hardened Steel | 7/16 | 2-1/4 | 1-3/16 |
| 50-01201 | 2-1/2 | 2-5/16 | Hardened Steel | 3/8 | 2-1/4 | 1-1/4 |
| 50-01203 | 2-1/2 | 2-5/16 | Hardened Steel | 1/2 | 2-1/4 | 1-1/8 |
| 50-01401 | 2-1/2 | 2-5/16 | Hardened Steel | 3/8 | 3/4 | 1-1/4 |
| 50-01403 | 2-1/2 | 2-5/16 | Hardened Steel | 1/2 | 3/4 | 1-1/8 |

Note: 6 pin cylinder for above padlocks, with 2 Keys 50-0010

Part Numbering System For Padlock Assemblies



High Security Padlock Cylinder Assembly



Security Brass Padlocks

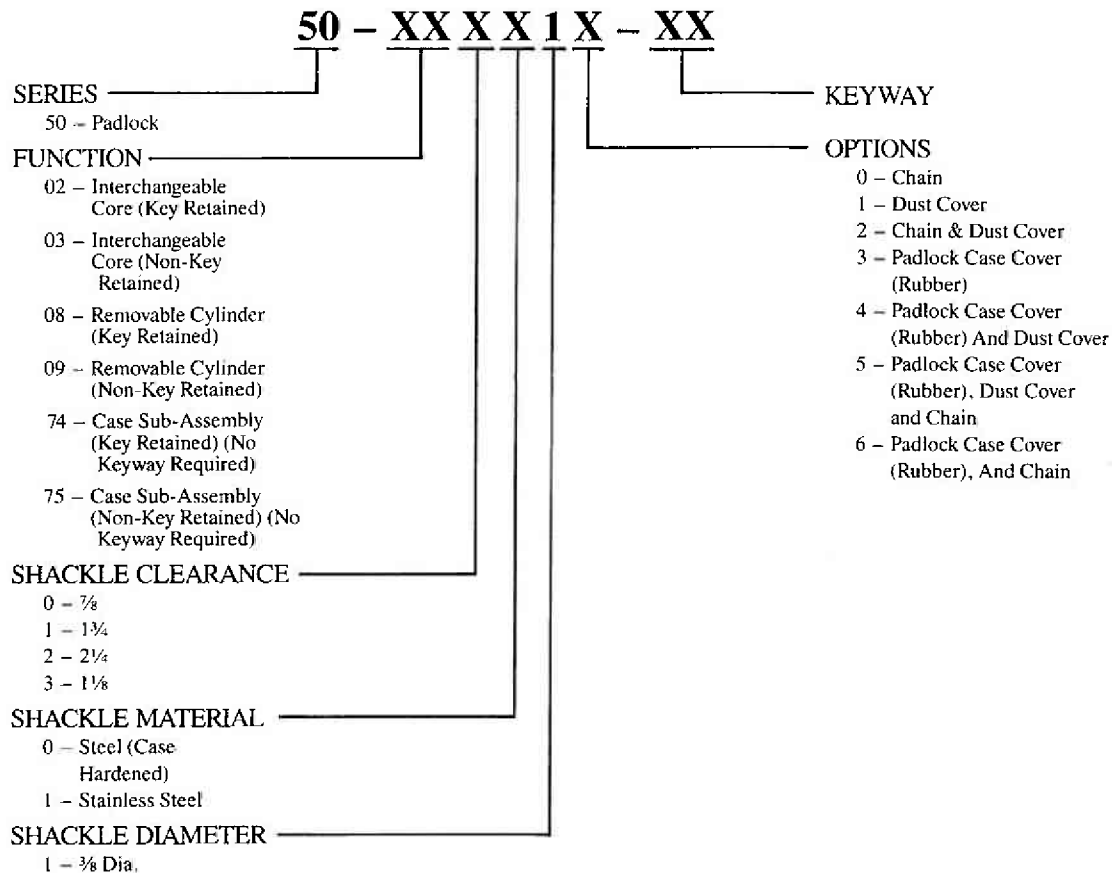
INTERCHANGEABLE CORE AND REMOVABLE CYLINDER PADLOCKS.

Shackle And Accessory Ordering Instructions

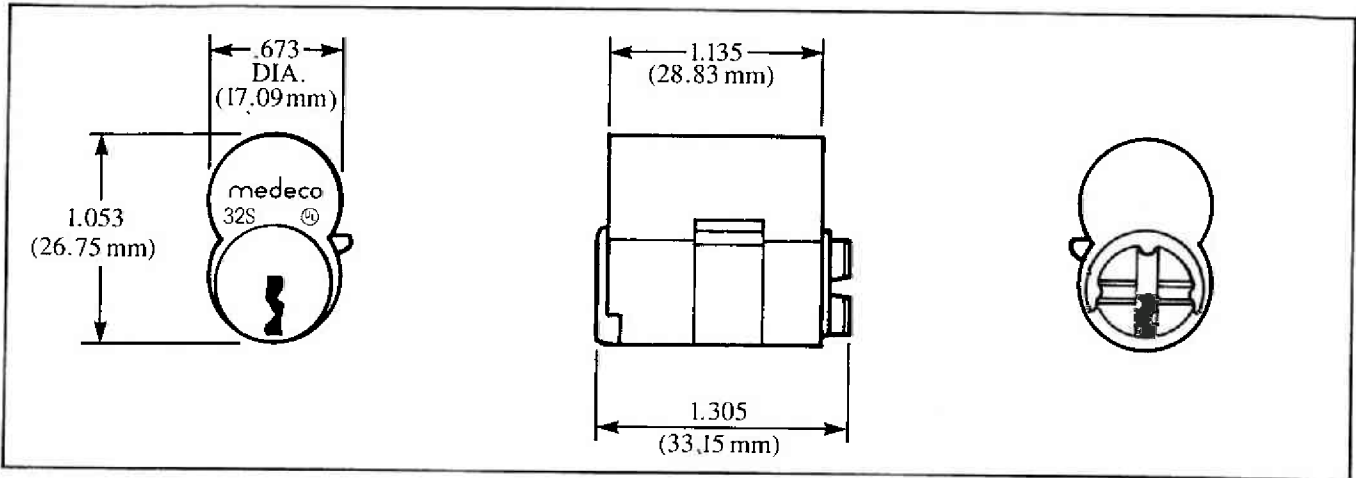
By using the information below you may obtain a part number to order any of the variations of shackles and the various accessories available with the interchangeable core and the removable cylinder padlock.

| Shackle Description | Shackle Assembly Number | Accessories | Part # |
|------------------------|-------------------------|---|---------------|
| 1 1/8" Stainless Steel | CP-142553 | Locking Balls | CP-250040 |
| 7/8" Stainless Steel | CP-142563 | Actuator Adaptor | CP-130100 |
| 1 3/4" Stainless Steel | CP-142573 | Shackle Spring | CP-030014 |
| 2 1/4" Stainless Steel | CP-142583 | Interchangeable Core | 32-0201-XX |
| 1 1/8" Hardened Steel | CP-142063 | Removable cylinder | 32-0202-XX |
| 7/8" Hardened Steel | CP-142073 | Case Pin | CP-060432 |
| 2 1/4" Hardened Steel | CP-242093 | Shackle Retaining Pin | CP-060430 |
| 1 3/4" Hardened Steel | CP-142083 | 3/16" Cylinder Retaining Ball | CP-250030 |
| | | 6 - 32 x 1/2" Hex Socket Cone Point Set Screw | CP-011011-080 |
| | | Chain Assembly | CP-280630 |
| | | Padlock Case Cover | CP-170250 |

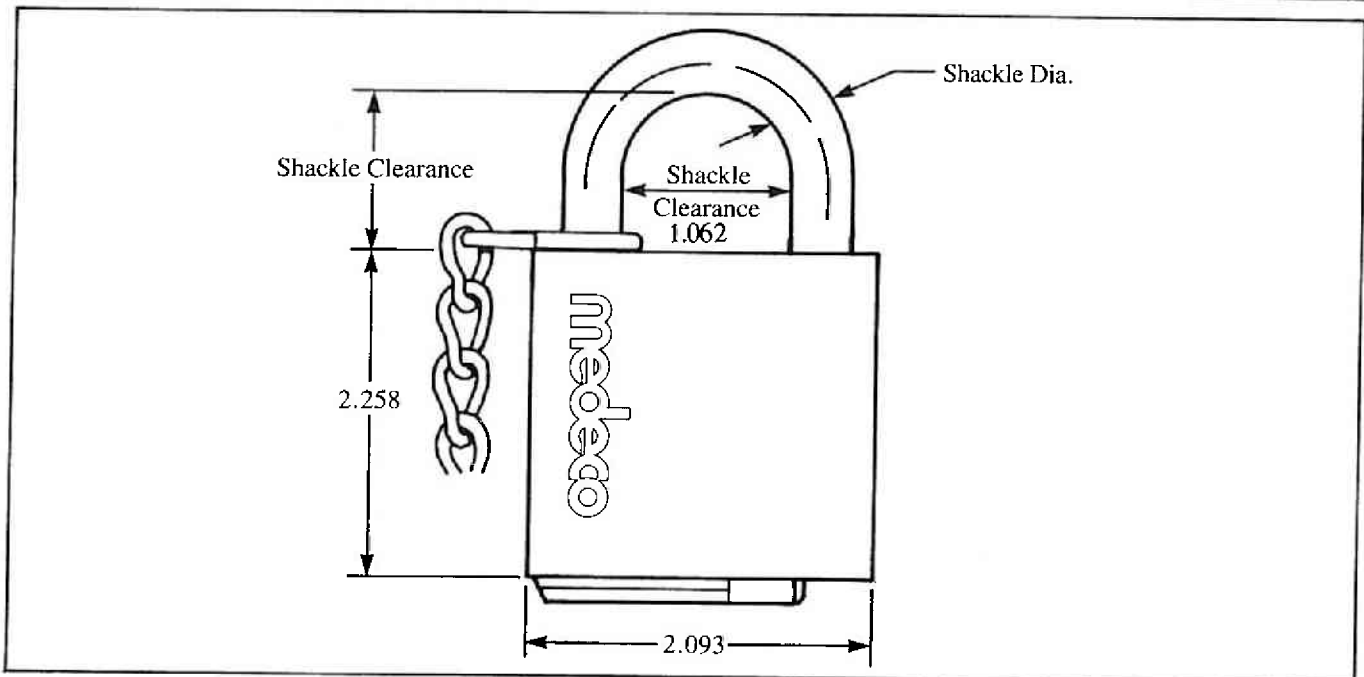
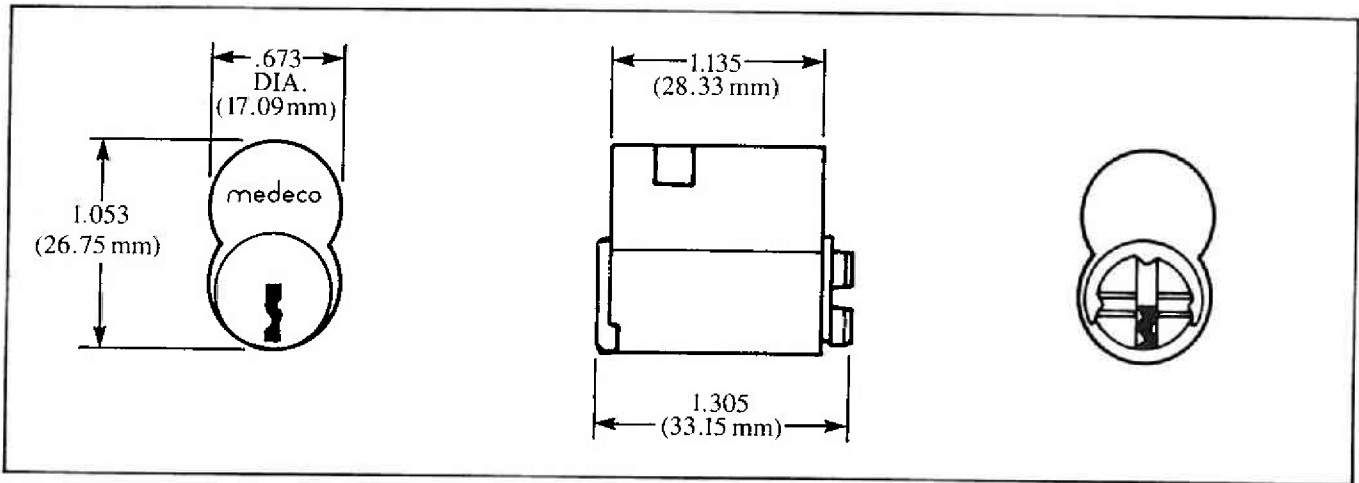
Part Numbering System For Security Brass Padlock



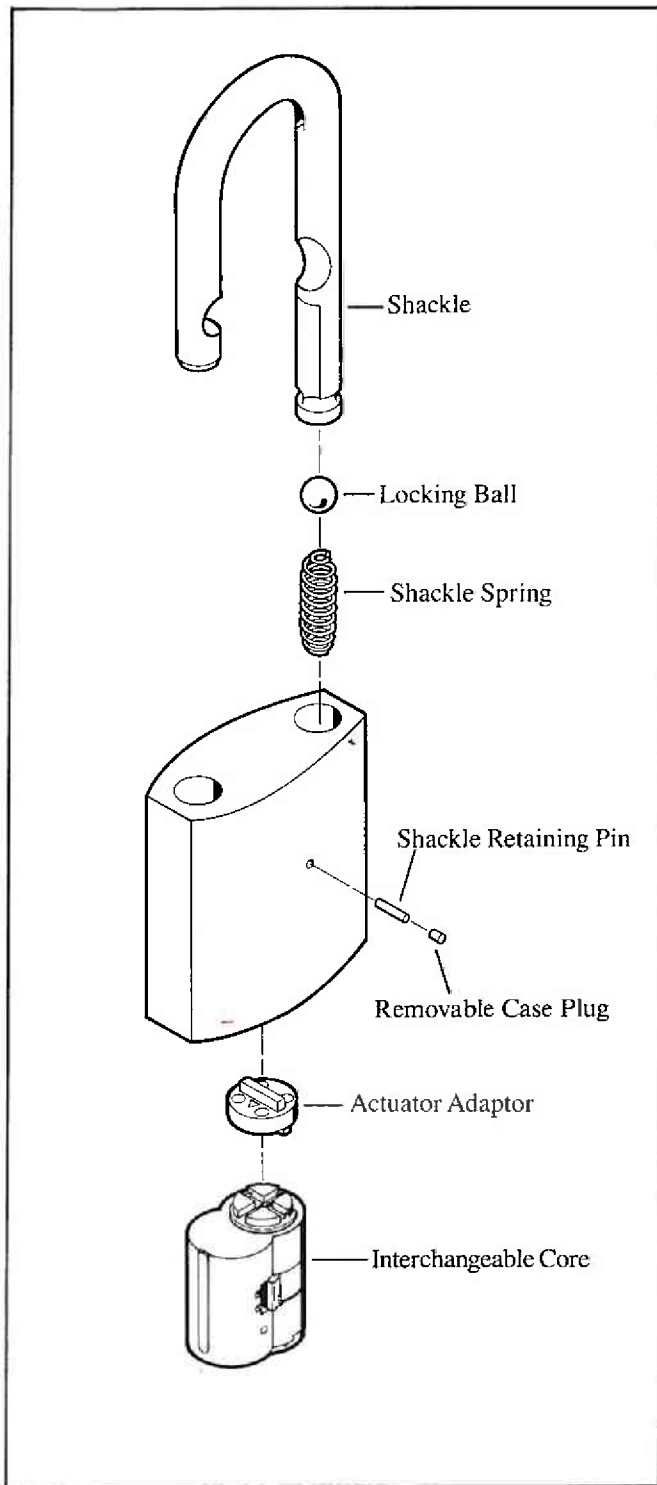
Interchangeable Core Assembly



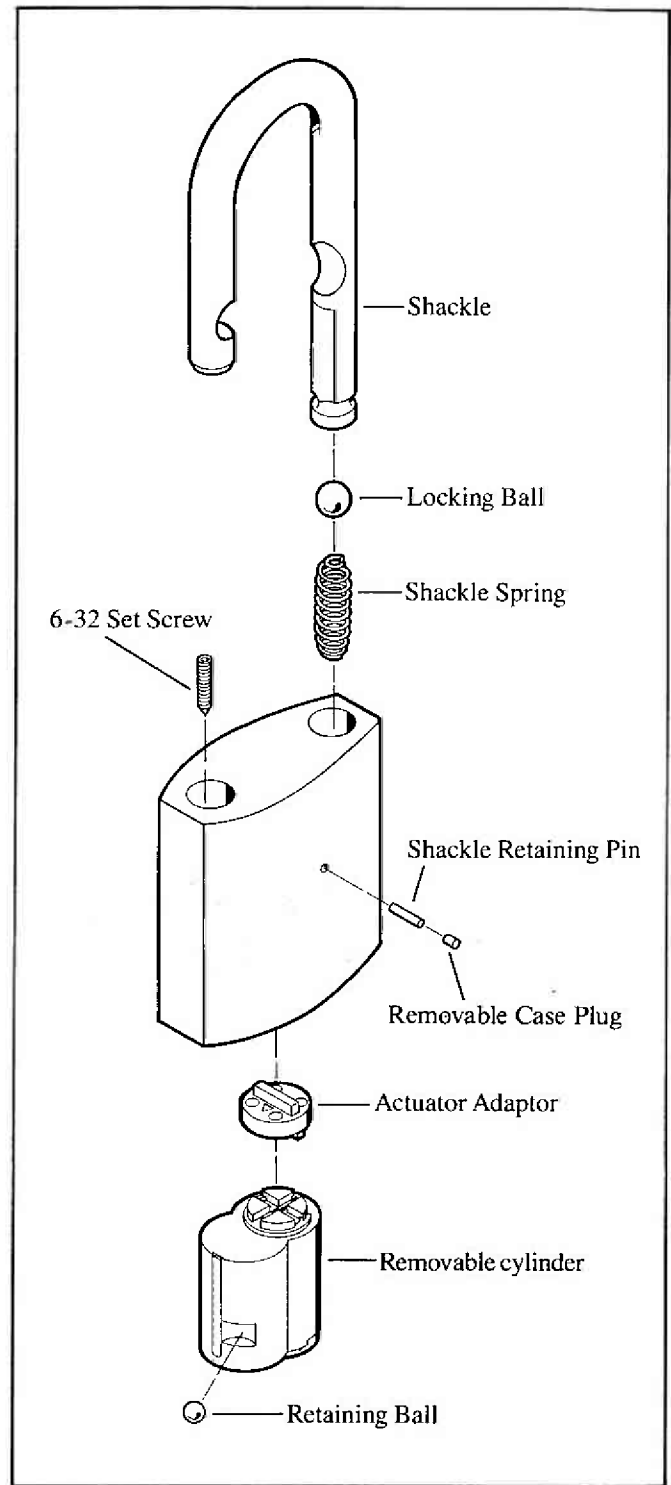
Removable Cylinder Assembly

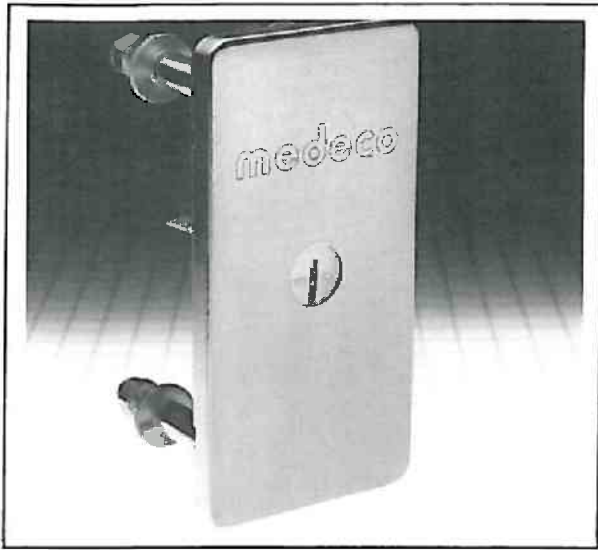


Interchangeable Core Assembly



Removable Cylinder Assembly





Bodyguard®

The UL listed Bodyguard by Medeco is the ultimate in rim cylinder protection. It strengthens the cylinder on the outside of the door while the lock protects the inside. This armored plate is constructed of 5/16" solid steel, tough enough to discourage burglars from drilling, forcing, wrenching or pulling the cylinder. A replaceable, decorative cover conceals the rugged steel plate. Mounting bolts are threaded and welded to the armored plate, and enclosed by Medeco's exclusive hard-guard sleeves. These hardened steel sleeves prevent burglars from chiseling the mounting bolts.

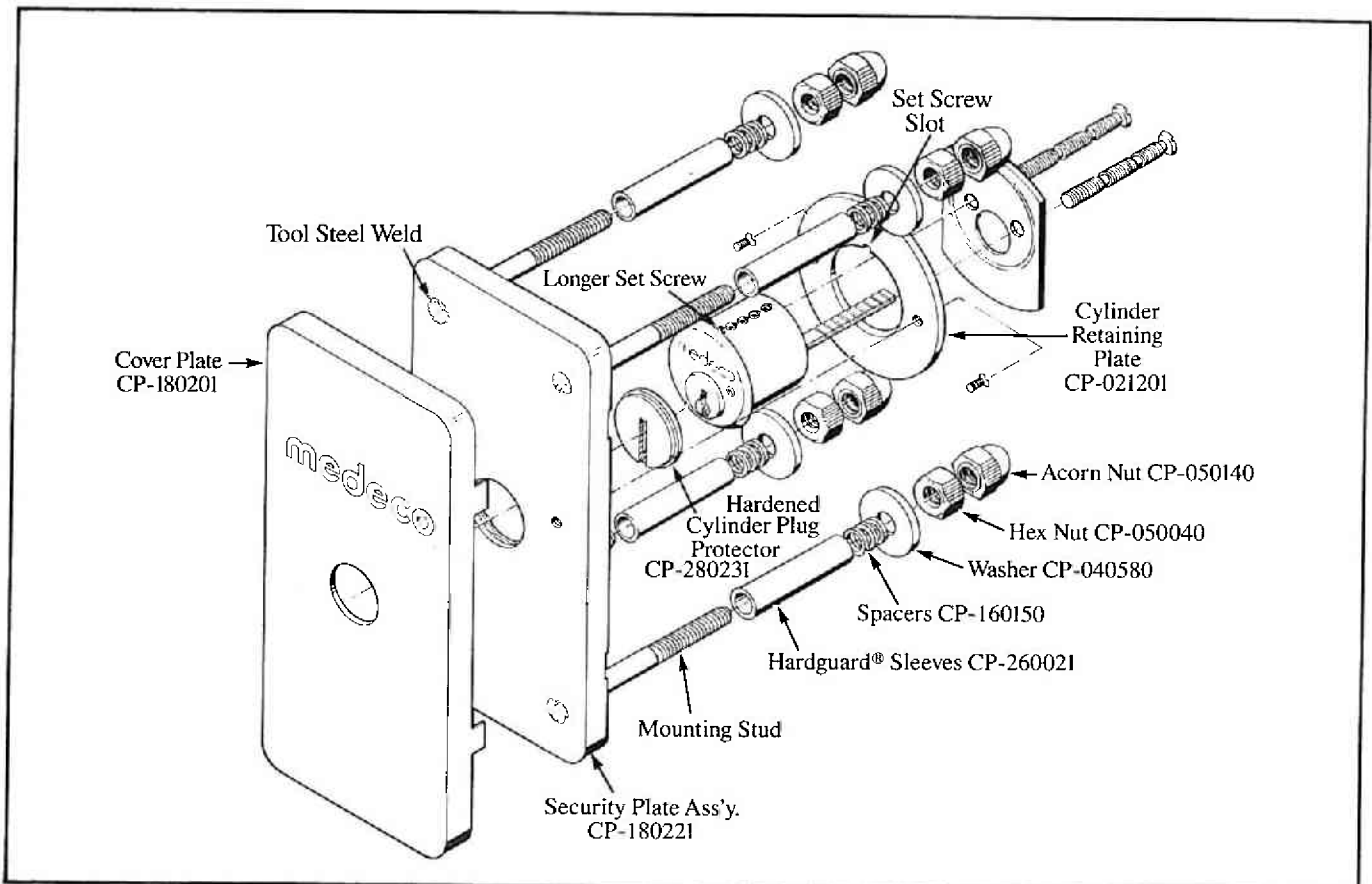
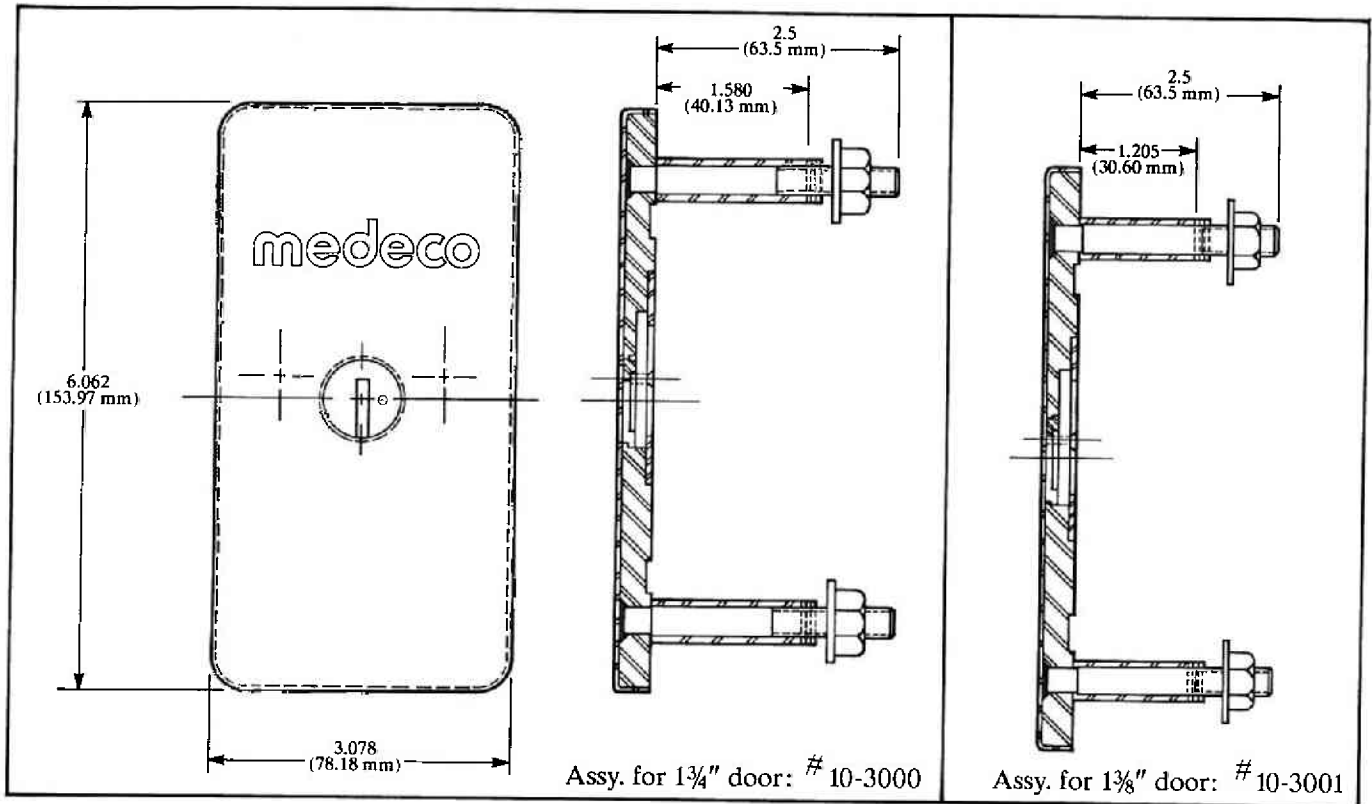
The Bodyguard is available with Medeco's UL-listed, high security rim cylinder, which incorporates all the burglar resistant features of all Medeco cylinders. It is also available without this cylinder for use with existing rim cylinder locks.

Ordering Instructions:

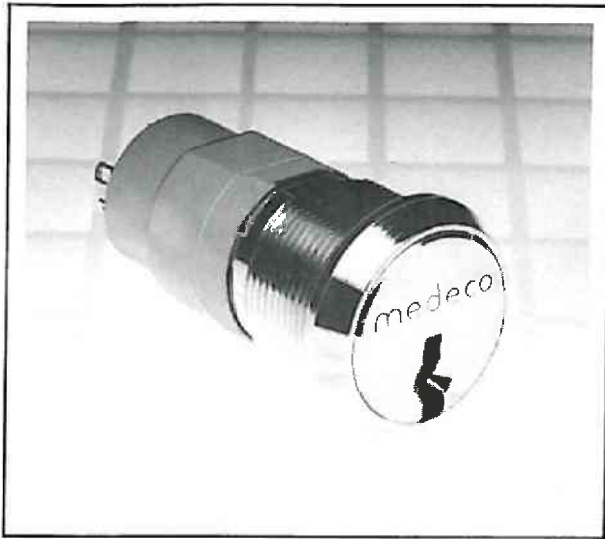
To order the Bodyguard, select from part number and description below. The Bodyguard is available in BHMA finish 606 (Brass) and 626 (Dull Chrome). To specify desired finish, include the correct number when ordering. For example, 10-3400-626 is a cylinder guard assembly with 6 pin cylinder and two keys in a Dull Chrome finish. Indicate keyway by adding two digits to order number. Example: 10-3400-626-XX.

| PART NO. | DESCRIPTION |
|-----------------|---|
| 10-3000 | Cylinder Guard Assembly Less Cylinder |
| 10-3001 | Cylinder Guard Less Cylinder for 1-3/8" Door Thickness |
| 10-3002 | Cylinder Guard Less Cylinder Recessed Mount for Exit Devices |
| 10-3300 | Cylinder Guard Assembly with 5 Pin Cylinder and 2 Keys |
| 10-3302 | Cylinder Guard with 5 Pin Rim Cylinder and 2 Keys Recessed Mount for Exit Devices |
| 10-3400 | Cylinder Guard Assembly with 6 Pin Cylinder and 2 Keys |
| 10-3402 | Cylinder Guard with 6 Pin Rim Cylinder and 2 Keys Recessed Mount for Exit Devices |
| CP-180201 | Replaceable Escutcheon |
| 94-0001 | Flush Mount Kit Includes 4 Sex Nuts 4 Hardened Sleeves |

Bodyguard Plate Assembly







24K™ Series Switch Lock

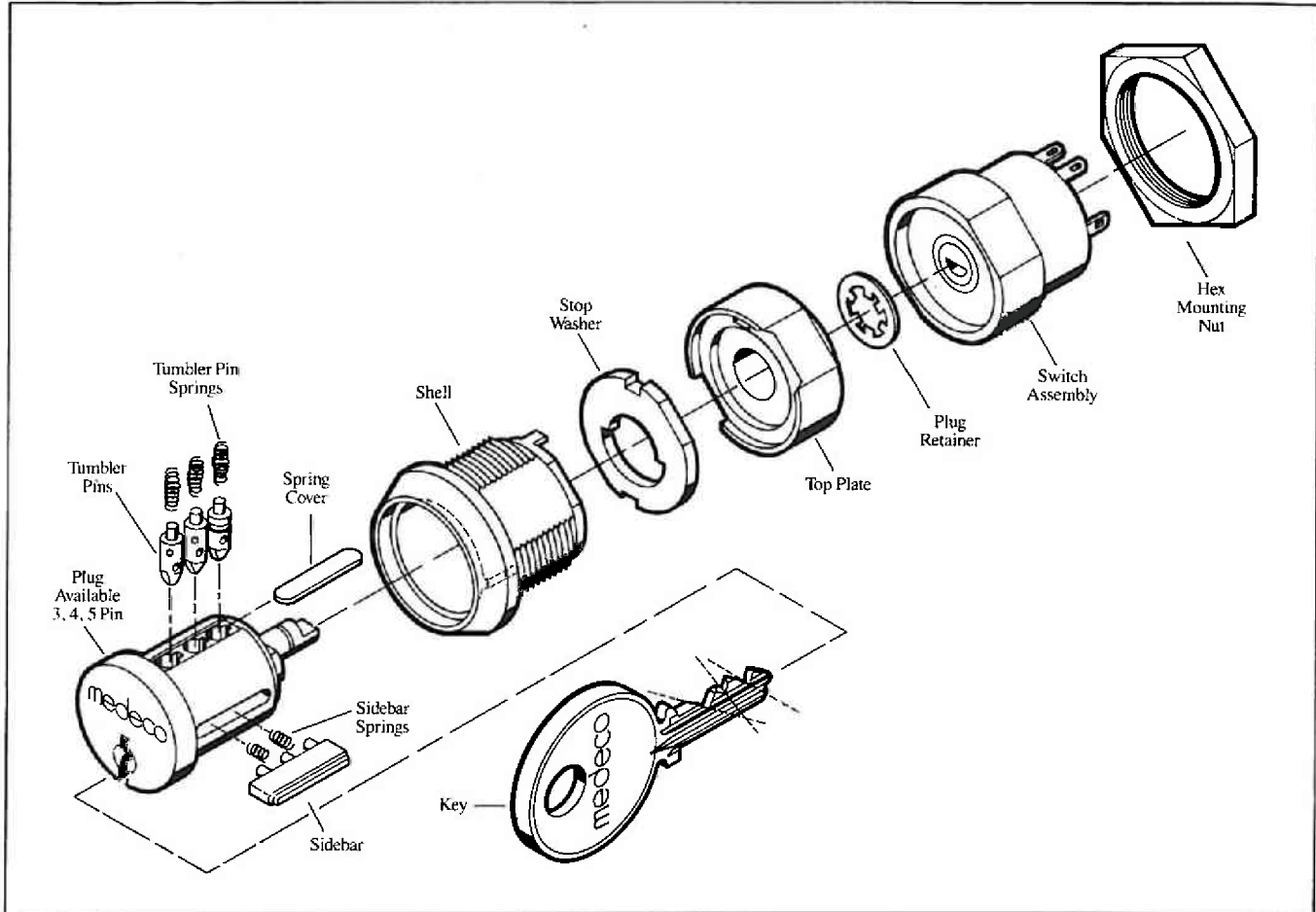
The Medeco 24K™ -Series rotary switch lock offers many new options to the design engineer. It combines the high security of the Medeco cylinder with the versatility of a multi-function switch. The Medeco switch lock is pick resistant and offers key control. The overall length of the 3 pin lock is 1.369"; the 4 pin lock is 1.539"; and the 5 pin lock is 1.709". The shorter length of the 3 pin version offers greater design freedom in adapting to tight spaces. The switch, listed with UL and CSA, offers up to 8-position switching, 45 and 90 degree indexing, and includes a built-in 22K anti-static feature. Switch contacts are available in either gold or silver, and termination options include 6" leads and custom cable assemblies.

The Medeco switch lock is suited to applications such as electronic information systems, encryption devices, cash control systems, point-of-purchase terminals, industrial control panels and a variety of other applications requiring a multiple-switching function. It is offered in a standard satin chrome finish, with other finishes to special order.

Other features:

- Contact Rating: 4 amps @ 125V AC or 28V DC; 2 AMPS @ 250V AC (UL/CSA).
- Electrical Life: 10,000 make-and-break cycles at full load
- Contact Resistance: below 10 milliohms typ. initial @ 2-4V DC, 100 mA, for both silver and gold plated contacts.
- Insulation Resistance: 10⁹ ohms min.
Dielectric Strength: 1,000V RMS min. @ sea level.
Indexing: 45 or 90 – one contact models, 8 pos. max.; two contact models, 4 pos. max.

24K™ Series Switch Lock



Ordering Instructions

By using the information below you may construct a part number to order any of the variations of 24K Series switch locks available from Medeco.

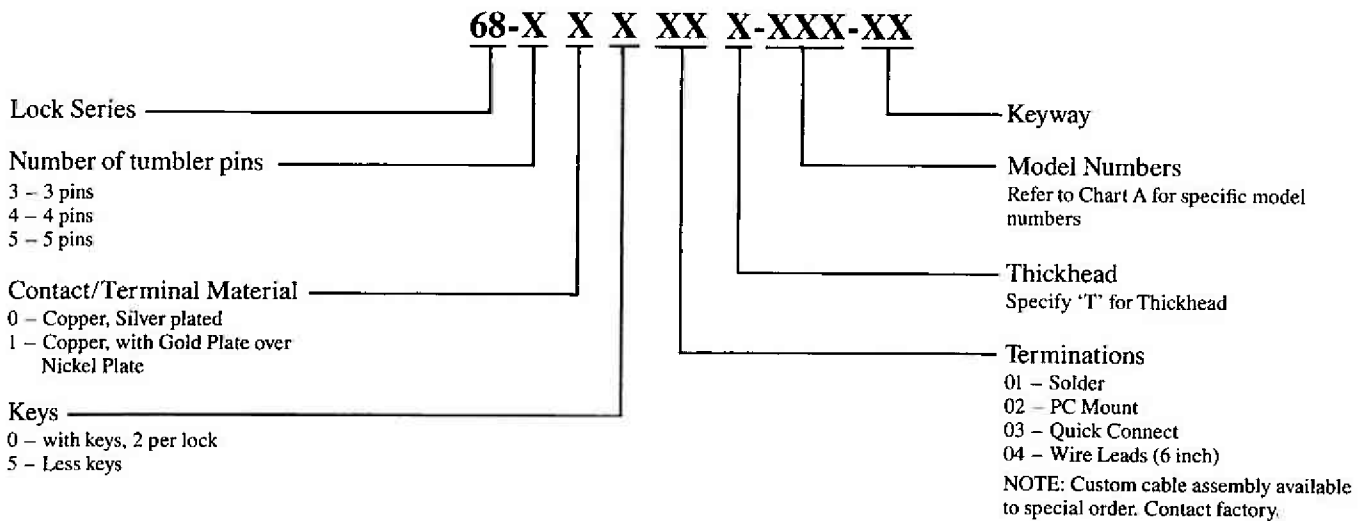


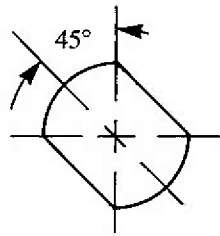
Chart A

| Lock configuration (as viewed from lock end) | Model Numbers | No. Poles | Connected Terminals See Fig. 1 | | | Key Pull Possible this Position | Suggested Mounting (Flats orientation) See Chart B |
|--|------------------|--------------|-----------------------------------|-----------------------|-----------------------|---------------------------------------|---|
| | | | Pos. 1 | Pos. 2 | Pos. 3 | | |
| | 101 201 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 2 1 - 2, 5 - 6 | | Pos. 1, 2 Pos. 1, 2 | 1 1 |
| | 102 202 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 2 1 - 2, 5 - 6 | 2 - 3 2 - 3, 6 - 7 | Pos. 1, 2, 3 Pos. 1, 2, 3 | 1 1 |
| | 103 203 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 2 1 - 2, 5 - 6 | 2 - 3 2 - 3, 6 - 7 | Pos. 1 Pos. 1 | 1 1 |
| | 104 204 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 2 1 - 2, 5 - 6 | 7 - 8 7 - 8, 3 - 4 | Pos. 1, 2, 3 Pos. 1, 2, 3 | 2 2 |
| | 105 205 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 2 1 - 2, 5 - 6 | 7 - 8 7 - 8, 3 - 4 | Pos. 1 Pos. 1 | 2 2 |
| | 106 206 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 2 1 - 2, 5 - 6 | | Pos. 1 Pos. 1 | 1 1 |
| | 151 | SP | 7 - 1 | 1 - 3 | 6 - 7 | Pos. 1, 2, 3 | 1 |
| | 152 | SP | 8 - 1 | 1 - 3 | 3 - 5 | Pos. 1 | 1 1 |
| | 153 | SP | 8 - 1 | 1 - 3 | 3 - 5 | Pos. 1, 2, 3 | 1 |
| | 154 254 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 3 1 - 3, 5 - 7 | | Pos. 1 Pos. 1 | 1 1 |
| | 155 255 | SP DP | 8 - 1 8 - 1, 4 - 5 | 1 - 3 1 - 3, 5 - 7 | | Pos. 1, 2 Pos. 1, 2 | 1 1 |

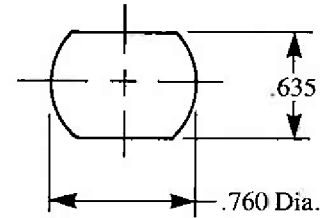
Legend: ▼ = Momentary position (45°)
 ● = Detent positions (45° or 90°)
 ⊙ = Key pull possible in these positions.
 ▼ or ● or ⊙ = Stop positions.

Chart B
Suggested Mounting
 (Flats orientation)

Use the mounting suggestions
 (Fig. 1 and 2) for key position 1 to
 be at 6 o'clock.



1



2

Figure 1

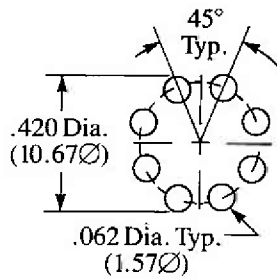
Terminal Numbers

(Bottom View)

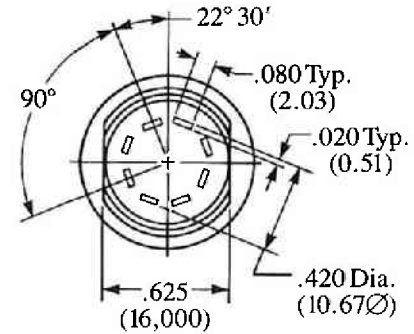


Terminal nos. molded on
 housing.

P.C. Mounting

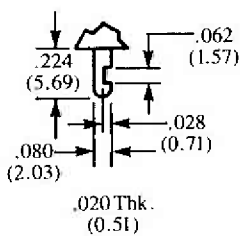


Standard end view

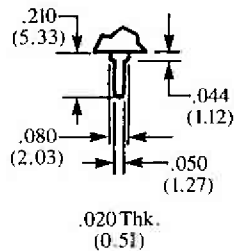


Terminations

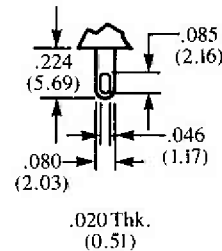
01



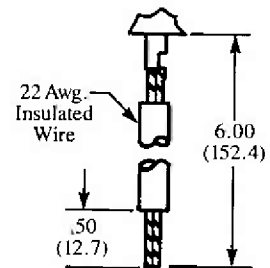
02



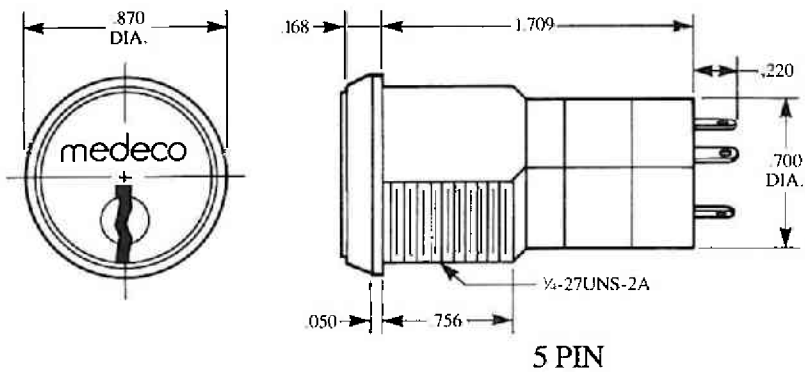
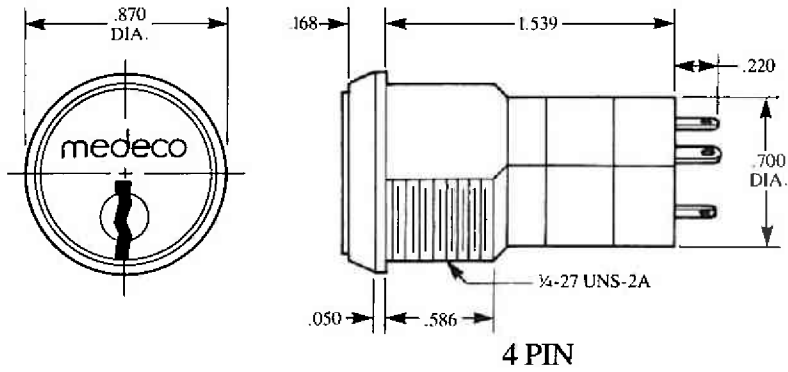
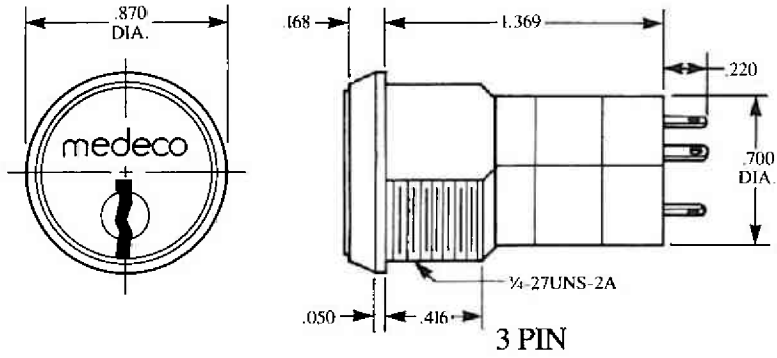
03



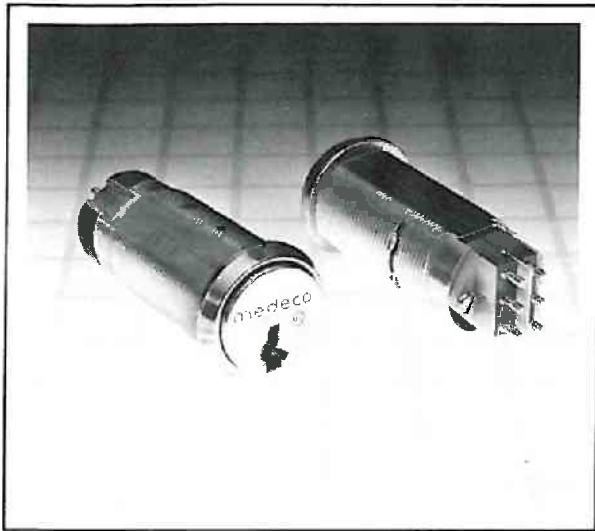
04



Black wire std., other
 colors and lengths
 avail., consult factory.







Switch Locks

Medeco's $\frac{3}{4}$ " diameter UL listed switch locks offer a wide range of electrical functions combined with the security and key control of a Medeco cylinder. This unique combination is ideally suited for applications requiring controlled access to electrically activated systems. Typically, burglar alarms, electronic information systems, encryption devices, cash control systems and electrically controlled doors and gates are among the many applications for this versatile key switch. Medeco's engineering and design capabilities are available to customers with special application requirements.

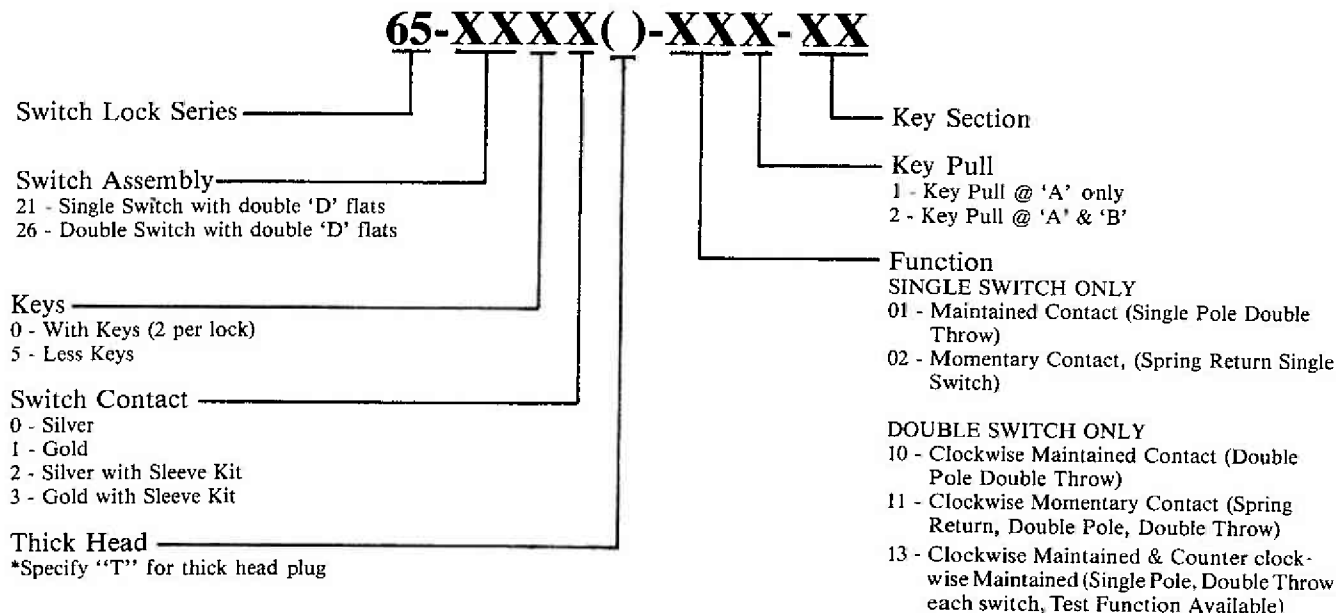
Features:

Medeco high security switch locks are available in single switch and double switch. Both styles feature subminiature snap action switches for reliability and versatility. Mechanical switch life is 1 million cycles and full load electrical life is 50,000 cycles minimum. Switches are UL and CSA listed. Switch terminals are designed to accept quick connect leads (AMP connector No. 60598-3) available from Medeco. Silver contacts standardly supplied. Gold contacts available for low amperage applications. Complete switch specifications and test data available on request. Other features include:

- Restricted, factory registered key systems with exclusive key assignment available on request.
- Versatile masterkeying capability.
- Manufactured to precision quality standards by skilled craftsmen.
- Provides normally open and normally closed electrical contacts.
- Available with either momentary or maintained contact.
- Terminals accept solder-type or quick-connect wiring.
- Double "D" flats on both single and double switches.

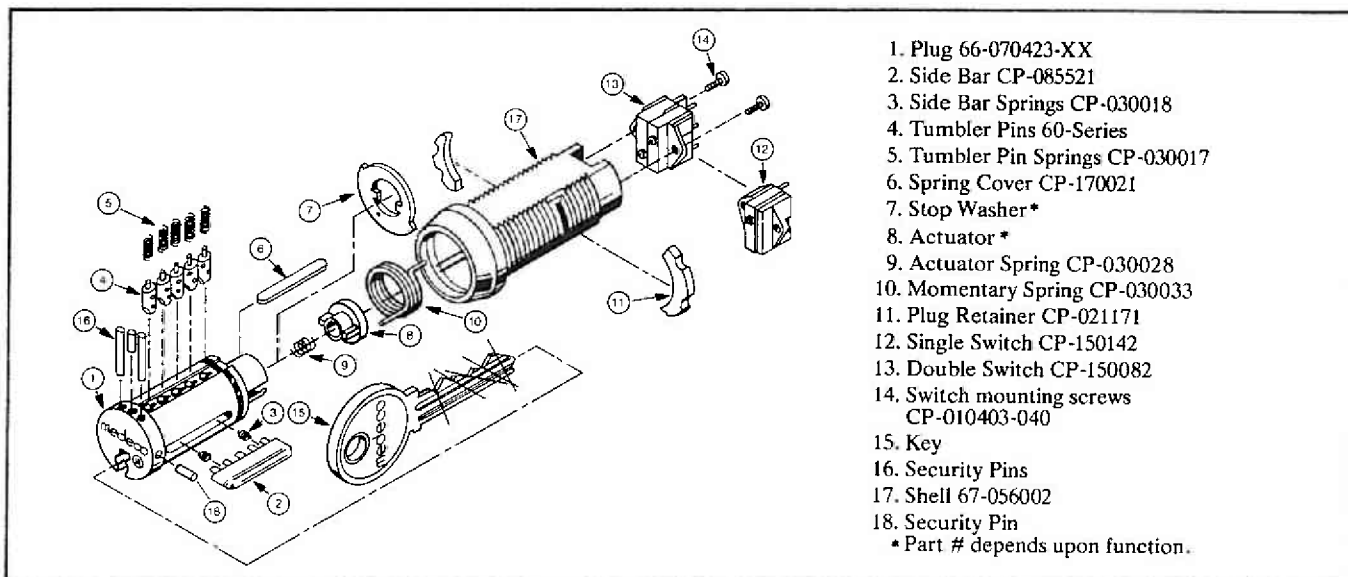
Ordering Instructions:

Complete catalog numbers are required for all orders as indicated below. Example: 65-2102(T)-021-XX designates a momentary contact switch lock, single switch with double 'D' Flats, supplied with sleeve kit #65-0003, two keys, and has the key pull @ 'A' only. The T indicates the lock is to be supplied with a thick head plug.



*Note: Thick head plugs are required ONLY when keying Switch Locks with architectural hardware products.

Security Switch Locks



65-2150()-000-00 Series

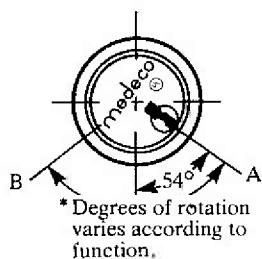


Fig. 1

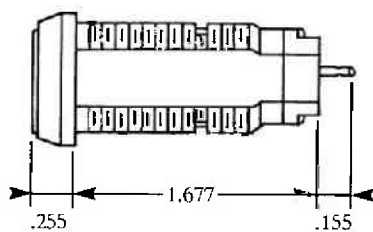


Fig. 2

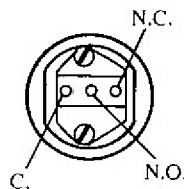


Fig. 3

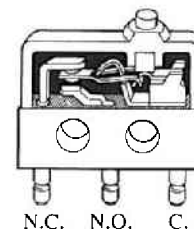


Fig. 7

65-2650()-000-00 Series

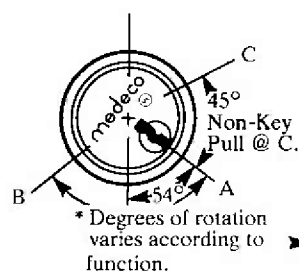


Fig. 4

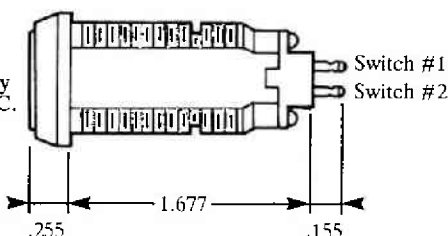


Fig. 5

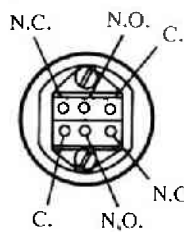


Fig. 6

Definition of Terms
(Ref. Fig. 7)

N.C.: Normally Closed
Plunger of switch
is released

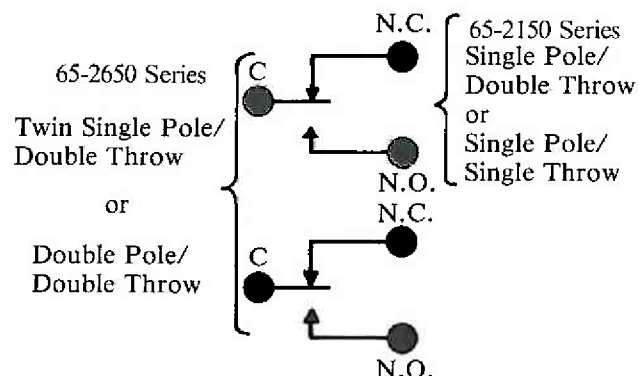
N.O.: Normally Opened
Plunger of switch
is depressed

*Note: Measured from position A, clockwise degrees of rotation are as follows (reference figures 1 & 4):
1 key pull maintained or momentary contact is approximately 90°.
2 key pull maintained contact is approximately 108°.

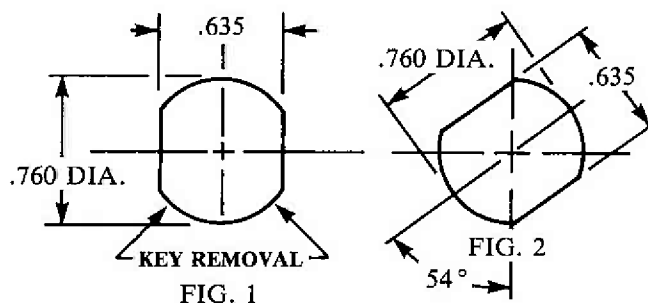
Electrical Data:

7 amps res., 4 amps ind., (sea level), 28 vdc.
7 amps res., 2.5 amps ind., (50,000 ft.), 28 vdc.
7 amps res. or ind., 115 vac., 60 Hz.
U.L. and C.S.A. Listed: 7 amps, 250 vac.
Temperature tolerance up to + 180°F.

Circuitry:





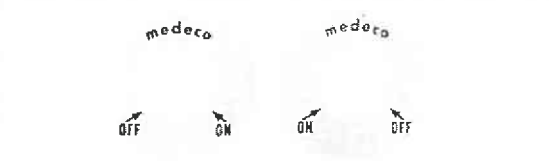
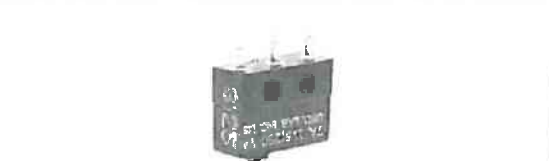

Suggested Mounting Holes



NOTE: When mounted with flats vertical, key removal positions are at 4 o'clock and 7 o'clock as shown in Fig. 1. For key removal at 6 o'clock and 9 o'clock, mounting hole must be punched 54° off vertical C/L as shown in Fig. 2.

Ordering Instructions

Complete catalog part numbers are required on all miscellaneous part numbers listed below:

| Product | Description | Part No. |
|---|--|--|
|  | Quick Connect Leads 4" Standard Length Other Lengths Available | CP-270511 |
|  | Sleeve Kit | 65-0003 |
|  | Indicator Plate Install around face to indicate on and off position | CP-180190 |
|  | Sub Miniature Snap Action Switch Single Pole/Single Throw or Double Throw | CP-150030 SILVER CP-150040 GOLD |
|  | Sub Miniature Snap Action Switch Double Pole/Double Throw | CP-150082 SILVER CP-150102 GOLD |

Rotary Switch Lock

Medeco's rotary switch lock is designed for use with most brands of rotary switches, providing maximum versatility in systems requiring multiple switch functions. Switch locks are available with a variety of key withdrawals at either 45° or 30° increments. Positive stops are available to eliminate over-torquing of switch stops.

Features:

The rotary switch lock includes Medeco's UL listed, patented double locking mechanism. It is carefully designed to resist drilling, wrenching and other forms of physical attack, and is manufactured to precision quality standards by skilled lock craftsmen. Other features include:

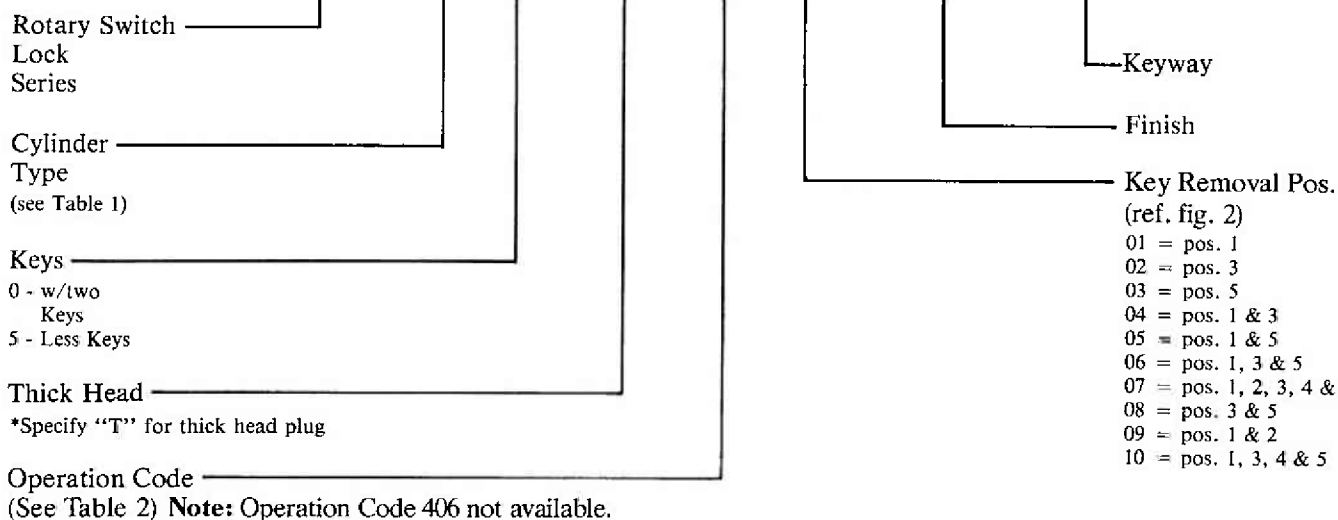
- Restricted factory-registered key system with exclusive key assignment available on request
- Versatile master-keying capability
- Manufactured to precision quality standards by skilled craftsmen
- Single 'D' mounting

Ordering Instructions:

Catalog numbers are required for all orders. Numbers can be developed using information from Tables 1 and 2 as follows:

Rotary Switch Lock Numbering System

61 - X X X 0 () - X X X - X X - X X

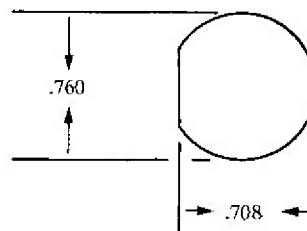


* Note: Thick head plugs are required ONLY when keying Switch Locks with architectural hardware products.

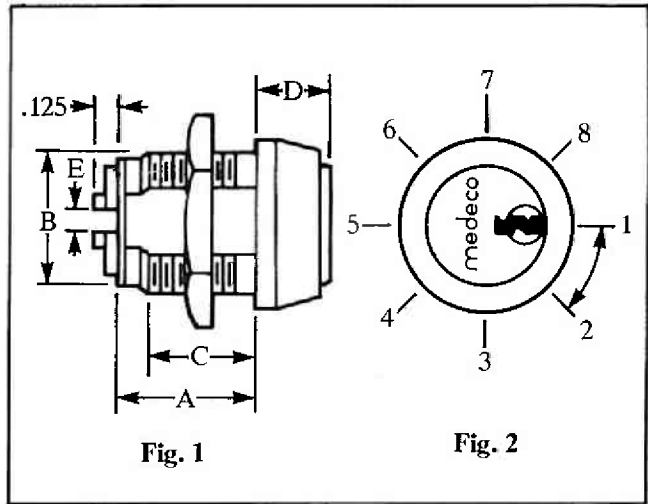
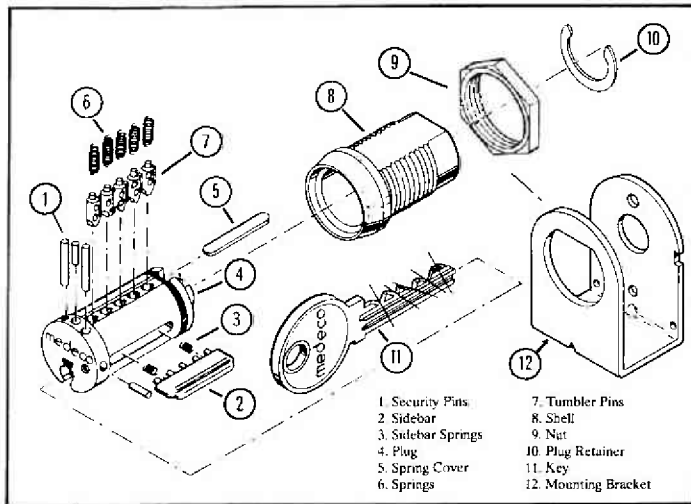
| Cylinder Type | A | B | C | D | E | Features |
|---------------|------------------|------------------|------------------|------------------|-----------------|---------------------------------|
| 10 | .790 20.07 mm | .75 19.05 mm | .560 14.22 mm | .322 8.18 mm | .094 2.38 mm | Trademark as shown in Fig. 2 |
| 11 | .790 20.07 mm | .75 19.05 mm | .560 14.22 mm | .322 8.18 mm | .094 2.38 mm | Trademark Reversed |
| 12 | .610 15.49 mm | .687 17.46 mm | | .500 12.70 mm | .094 2.38 mm | For use with Ademco Switch only |

| Operation Code | Degree of Rotation | Clockwise From Position | To Position | *Standard Key Removal Available in Position |
|----------------|--------------------|-------------------------|-------------|---|
| 1 | 360° | No Stop | | 1 thru 5 |
| 2 | 180° | 1 | 5 | 1 thru 5 |
| 3 | 180° | 3 | 7 | 3 and 5 |
| 4 | 180° | 5 | 1 | 1 and 5 |
| 5 | 90° | 1 | 3 | 1 and 3 |
| 6 | 90° | 3 | 5 | 3 and 5 |
| 7 | 90° | 5 | 7 | 5 only |

Suggested Mounting Dimensions

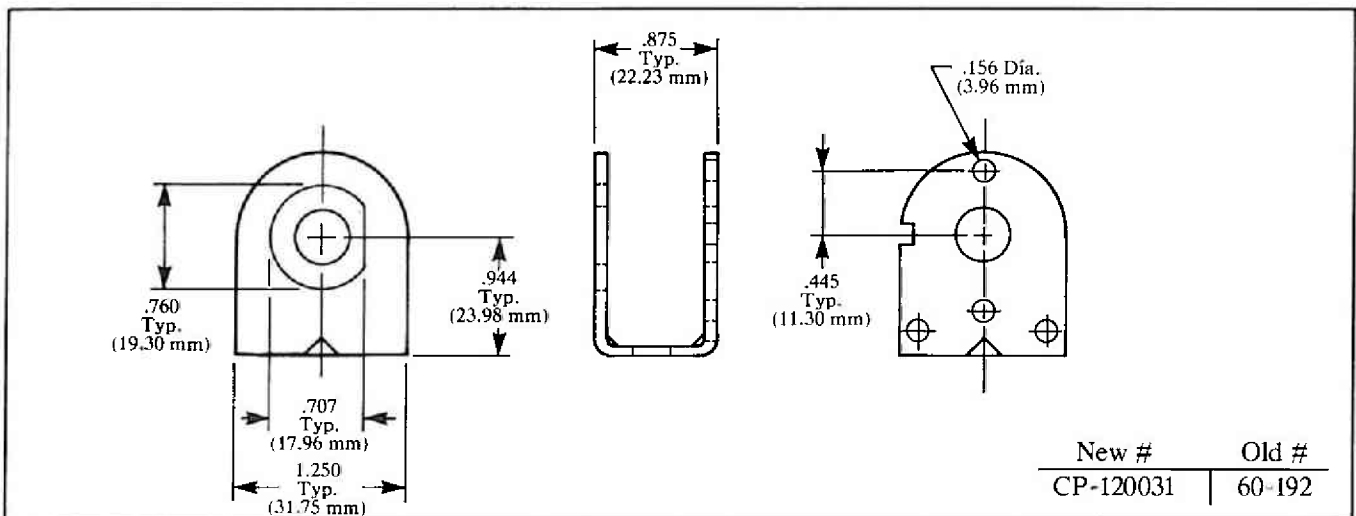
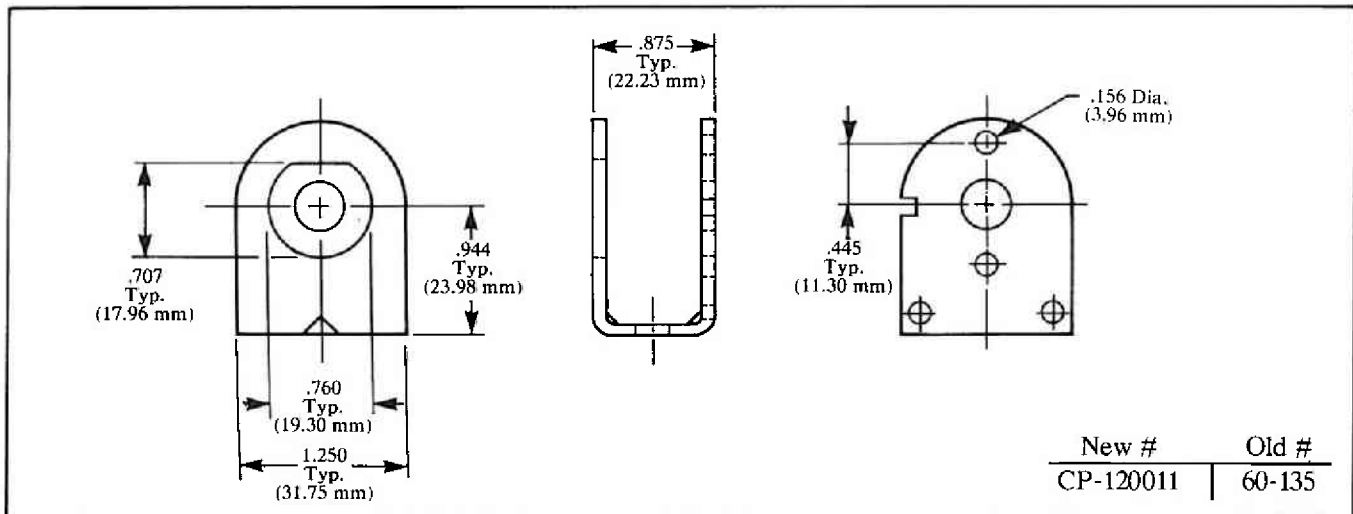


*Provisions can be made for Key Removal in any or all positions except Position 7. Key is always captive at Position 7. Standard Key withdrawals are available in Positions 1 thru 5 in combinations as listed. Positions 6 and 8 are available as special order based on quantity requirements.

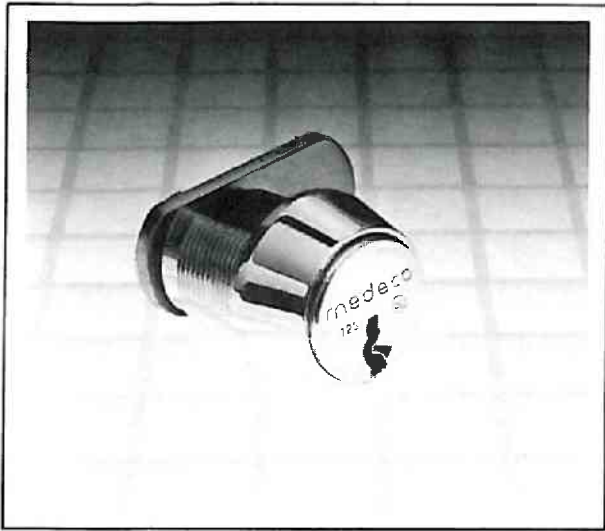


NOTE: Spacers are used to shorten the length of the threaded shell in cases where threaded shell is too long for space provided. They may be necessary when rotary switch is used with bracket. See page 79.

Rotary Switch Brackets — order from part numbers below.







Cam Locks

Medeco security cam locks are recognized by experts throughout the world as the standard for security in a 3/4" diameter lock. No other lock of any size can rival Medeco in protection against surreptitious entry, resistance to physical attack, and maintenance of key integrity. All cam lock cylinders are protected at critical drill points by hardened steel inserts, and all incorporate Medeco's patented, double locking principle which renders the lock virtually pickproof. The 3/4" diameter lock has a wide range of uses, some of which are:

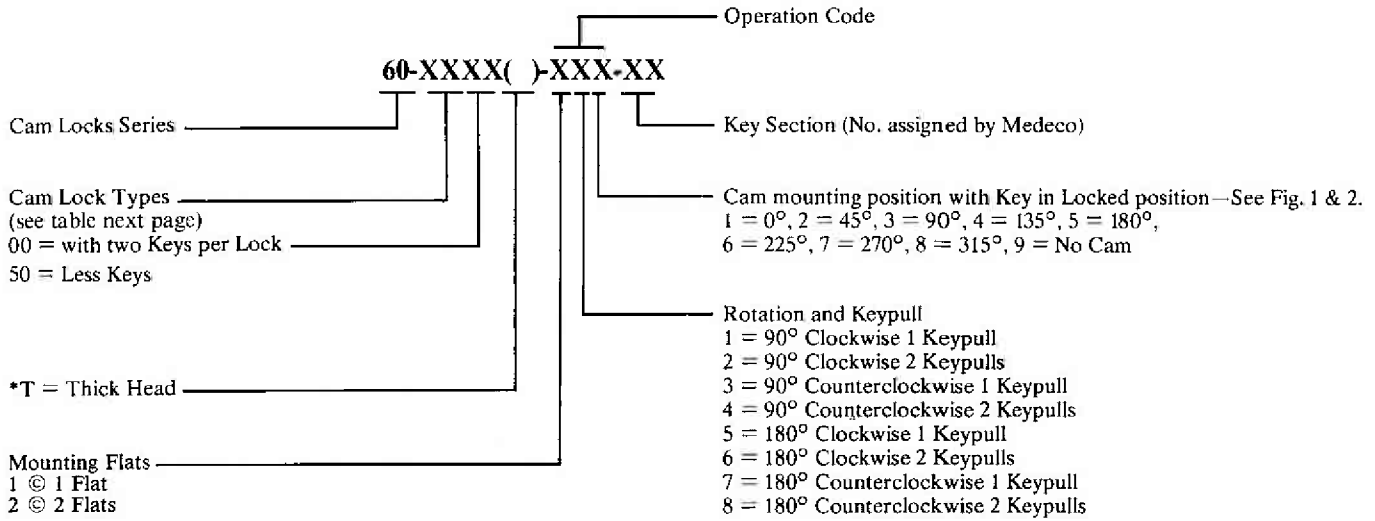
Cash Boxes
Vending Machines
Currency Changers
Pay Telephones
Automatic Bank Tellers
Data Processing Equipment
Data Storage Files
Alarm Control Cabinets
Surveillance Cameras
Parking Meters
Toll Booths
Desks
Lockers

Laundry Equipment
Burglar Alarm Controllers
Gas Pump Meters
Cash Registers
Access Control Systems
Communication Scramblers
Utility Meter Locks
Key Storage Cabinets
Gun Racks & Cabinets
Mechanical Counters
Fire Watch Stations
Narcotics Cabinets
Transit Collection Systems

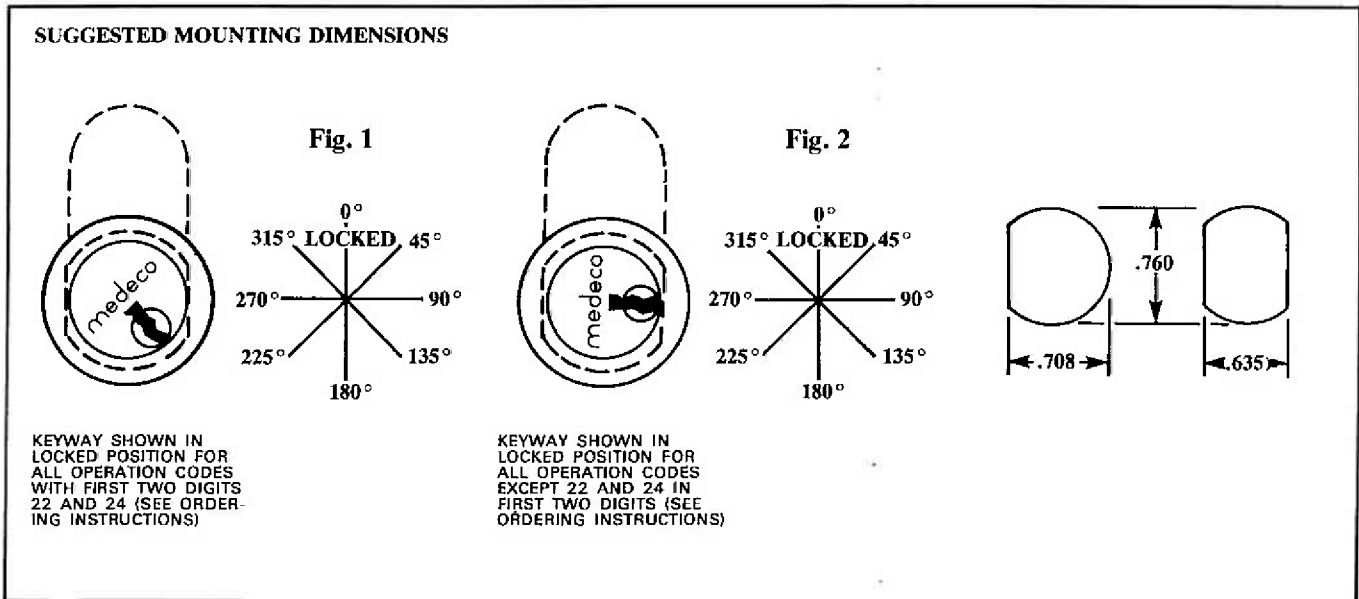
Medeco's versatile line of cam locks lends itself to any application requiring maximum security. We welcome the opportunity to work with your engineers on custom applications.

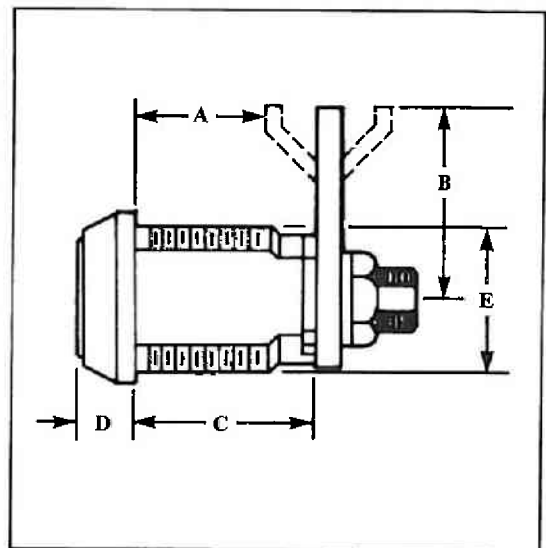
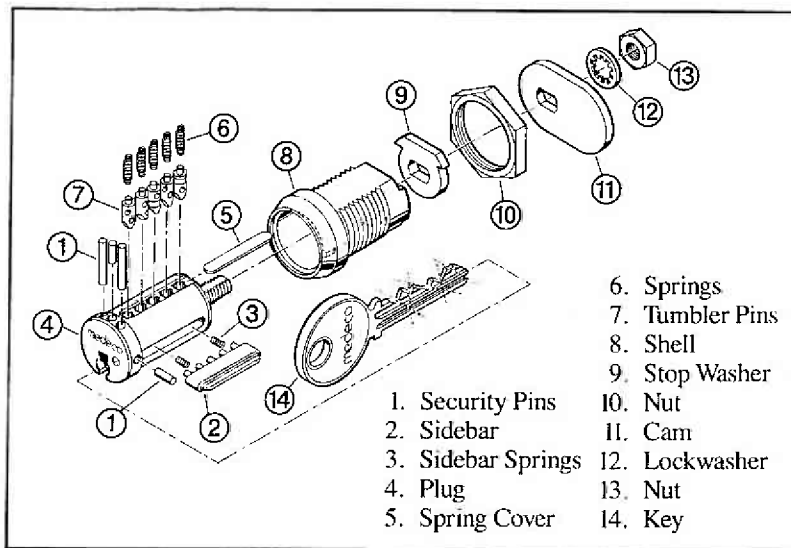
Ordering Instructions

Complete catalog numbers required for all orders. Catalog numbers are developed by listing sequentially a list number from the Cam Lock Types table on the following page, for a specific lock and a code number derived from the code for lock operations. If operation code part number is included and a cam is desired, a cam part number must be specified.



*Note: Thick head plugs are required ONLY when keying Cam Locks with architectural hardware products.





Cam Lock Types

| Cylinder Type | A/B | C | D | E | No. of Pins | Type of Tenon |
|---------------|--|------------------|-----------------|-----------------|-------------|---------------|
| 01 | Special application lock used in coin laundry coin boxes. See p. 89. | | | | | |
| 02 | ** | .687 17.46mm | .420 10.67mm | .750 19.05mm | 5 | Brass |
| 03 | ** | .875 22.22mm | .250 6.35mm | .750 19.05mm | 5 | Brass |
| 04 | ** | .984 24.99mm | .168 4.27mm | .750 19.05mm | 5 | Brass |
| 06 | ** | 1.156 29.36mm | .168 4.27mm | .750 19.05mm | 5 | Brass |
| 07 | ** | .687 17.45mm | .250 6.35mm | .750 19.05mm | 4 | Brass |
| 08 | ** | .615 15.5mm | .328 8.3mm | .750 19.05mm | 4 | Brass |
| 09 | ** | .750 19.05mm | .360 9.14mm | .750 19.05mm | 5 | Brass |
| 11 | ** | .625 15.87mm | .484 12.29mm | .750 19.05mm | 5 | Brass |
| * 13 | Assemblies used in Parking Meter applications No. of pins can vary from 3 to 5—reference lock illustrations | | | | | |
| * 15 | Special Applications | | | | | |
| * 20 | Assemblies used in Coin Boxes, Meter Boxes, Fare Boxes | | | | | |
| * 21 | ** | 1.206 30.65mm | .168 4.27mm | .875 22.18mm | 5 | Brass |
| * 22 | Special application lock used in coin laundry coin boxes. See p. 84 | | | | | |
| 30 | ** | .910 23.11mm | .360 9.41mm | .750 19.05mm | 4 | Steel |

* Operation code may not or will not apply on these assemblies

**Specify only when ordering cam locks with cam.

Security Guard Collar

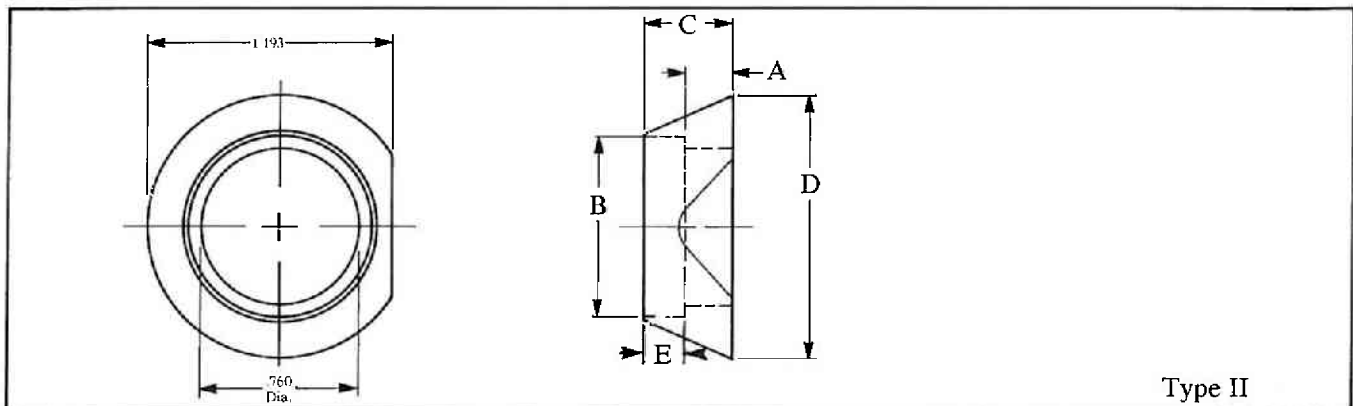
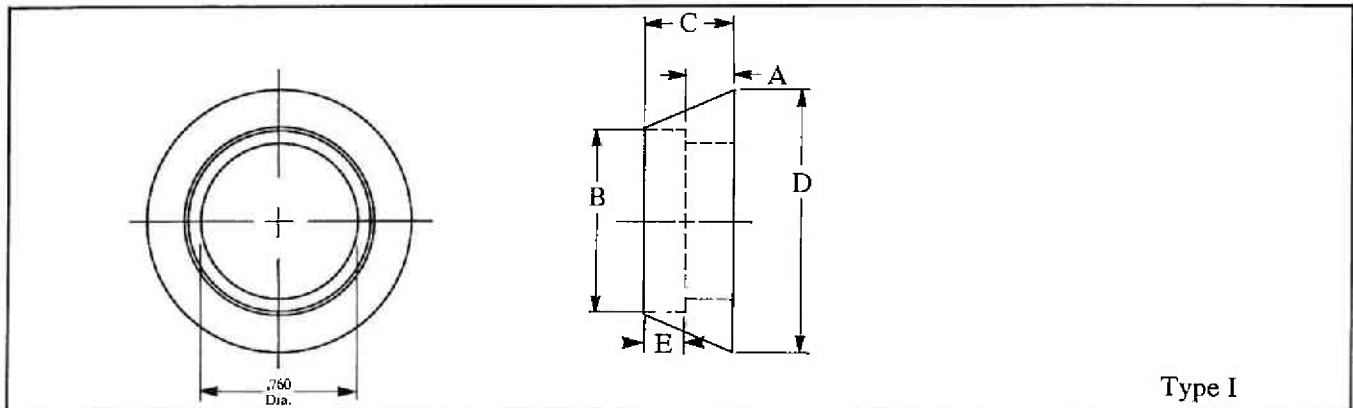
Security guard collars are strongly recommended for use with Medeco cam locks when the locks are mounted in sheet metal applications. When installed around the face of the lock, the hardened steel collar is free to rotate, providing superior protection against attack with vise-grips or channel-lock pliers

To determine proper lock mounting dimension, subtract "A" dimension of collar from "C" dimension of lock.

Ordering Instructions:

To select desired security guard collar, determine correct dimensions A, B, C, D, and E and order from corresponding part number.

| Type | New Part No. | Old Part No. | A | B | C | D | E |
|------|--------------|--------------|------|-------|------|-------|------|
| I | CP-070171 | 60-220 | .238 | .885 | .437 | 1.305 | .199 |
| I | CP-070111 | 60-021 | .160 | .885 | .437 | 1.305 | .277 |
| I | CP-070131 | 60-075 | .170 | .885 | .312 | 1.225 | .142 |
| II | CP-070121 | 60-022 | .238 | .885 | .437 | 1.305 | .199 |
| I | CP-070181 | 60-1025 | .050 | 1.000 | .500 | 1.25 | .450 |
| I | CP-070201 | none | .050 | .885 | .312 | 1.225 | .262 |



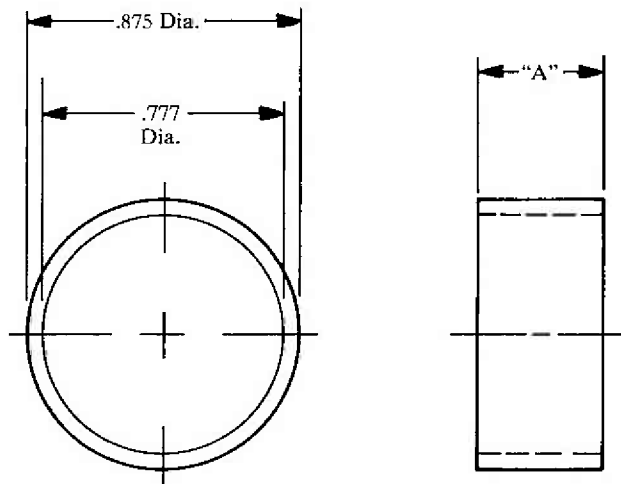
Spacer

Used to space cylinder head out from panel. May be used with rotary switch locks, switch locks, and cam locks.

Ordering Instructions:

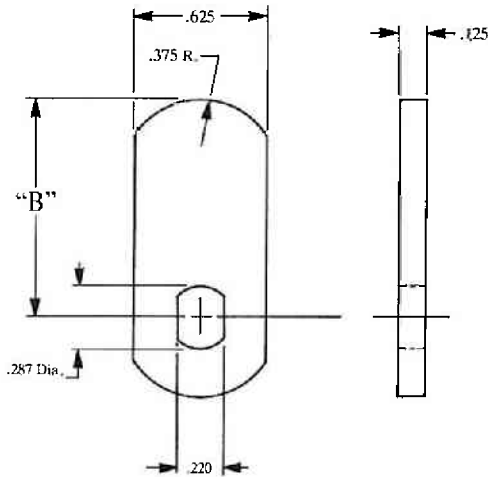
To select desired spacer, determine correct "A" dimension and order from corresponding part number.

| New Part No. | Old Part No. | Dim. "A" |
|--------------|--------------|----------|
| CP-160061 | 60-113 | .530 |
| CP-160071 | 60-156 | .187 |
| CP-160081 | 60-157 | .250 |
| CP-160091 | 60-175 | .275 |
| CP-160101 | 60-219 | .140 |
| CP-160111 | 60-221 | .200 |
| CP-160051 | 60-344 | .125 |

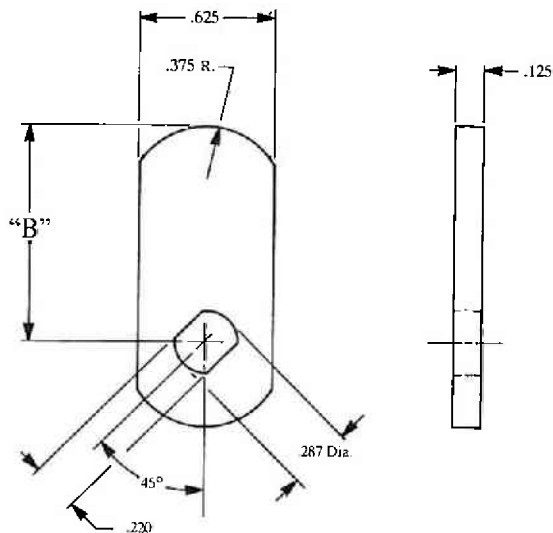


Flat Cam Ordering Instructions

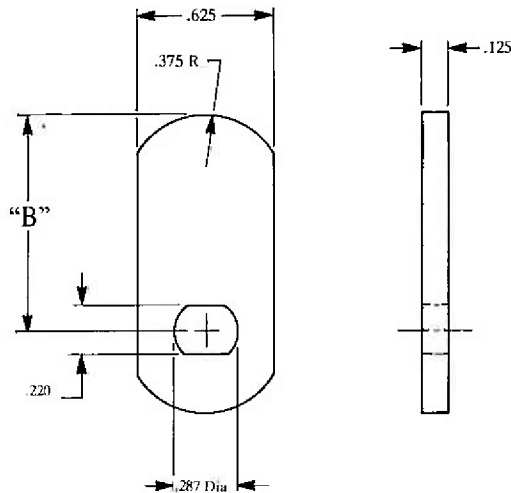
For A, C, and D series Flat Cams, determine plug tenon type by series, select desired "B" Dimension, and order from corresponding catalog number.



| A Series Flat Cams | |
|--------------------|----------------------|
| B Dim. | Catalog No. Part No. |
| .625 | CT-A00 |
| .750 | CT-A01 |
| .875 | CT-A02 |
| 1.0 | CT-A03 |
| 1.125 | CT-A04 |
| 1.250 | CT-A05 |
| 1.625 | CT-A08 |
| 1.750 | CT-A09 |
| 2.0 | CT-A11 |
| 2.125 | CT-A12 |
| 2.375 | CT-A14 |
| 1.375 | CT-A06 |
| 1.50 | CT-A07 |



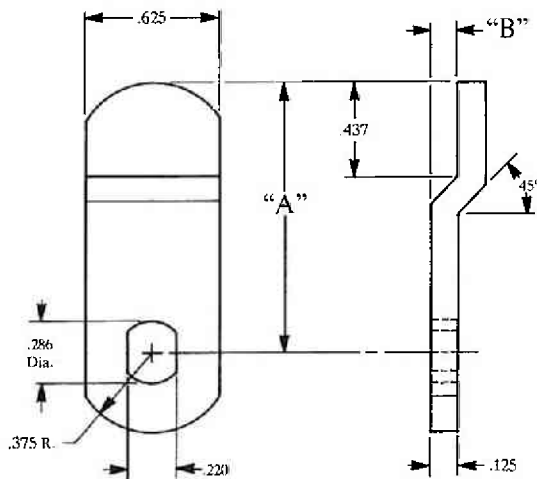
| C Series Flat Cams | |
|--------------------|----------------------|
| B Dim. | Catalog No. Part No. |
| .625 | CT-C00 |
| .750 | CT-C01 |
| .875 | CT-C02 |
| 1.0 | CT-C03 |
| 1.125 | CT-C04 |
| 1.250 | CT-C05 |
| 1.625 | CT-C08 |
| 1.750 | CT-C09 |
| 2.0 | CT-C11 |
| 2.125 | CT-C12 |



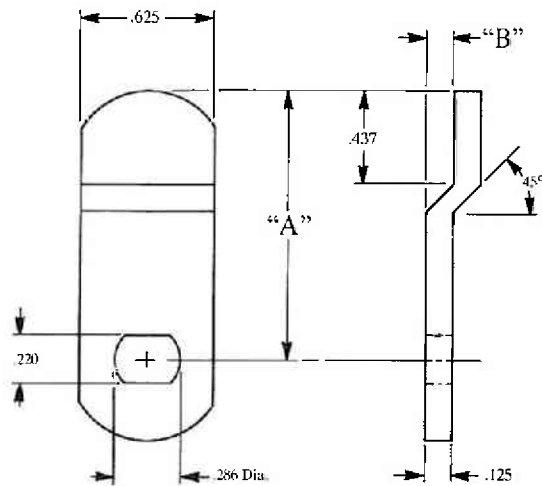
| D Series Flat Cams | |
|--------------------|-------------|
| B Dim. | Catalog No. |
| | Part No. |
| .625 | CT-D00 |
| .750 | CT-D01 |
| .875 | CT-D02 |
| 1.0 | CT-D03 |
| 1.125 | CT-D04 |
| 1.250 | CT-D05 |
| 1.625 | CT-D08 |
| 1.750 | CT-D09 |
| 2.0 | CT-D11 |
| 2.125 | CT-D12 |
| 2.50 | CT-D15 |
| .937 | CT-D31 |
| 3.0 | CT-D19 |

Offset Cam Ordering Instructions

For H and J series Offset Cams, determine desired "A" and "B" Dimension, and order from corresponding catalog number.

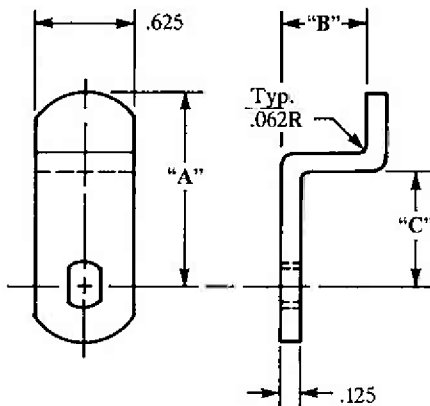


| H Series Offset Cam | | |
|---------------------|--------|--------|
| Part No. | A Dim. | B Dim. |
| CT-H00 | 1.250 | .125 |
| CT-H01 | 1.937 | .218 |
| CT-H02 | 1.140 | .312 |
| CT-H03 | 1.312 | .484 |
| CT-H04 | 1.7344 | .312 |
| CT-H05 | 2.0 | .156 |
| CT-H06 | 1.750 | .156 |
| CT-H07 | 1.125 | .218 |
| CT-H08 | 1.0 | .125 |
| CT-H09 | 1.125 | .125 |
| CT-H10 | 1.625 | .125 |
| CT-H11 | 1.750 | .125 |
| CT-H12 | 2.0 | .125 |
| CT-H13 | 2.125 | .125 |
| CT-H14 | 2.50 | .218 |
| CT-H15 | 1.250 | .218 |
| CT-H16 | 1.125 | .312 |
| CT-H17 | 1.250 | .312 |
| CT-H18 | 1.625 | .312 |
| CT-H19 | 1.750 | .312 |
| CT-H20 | 2.0 | .312 |
| CT-H21 | 2.125 | .312 |
| CT-H22 | 1.625 | .218 |
| CT-H23 | 2.50 | .125 |
| CT-H24 | 2.125 | .156 |
| CT-H25 | 2.0 | .218 |
| CT-H26 | 1.125 | .156 |
| CT-H27 | .875 | .156 |
| CT-H28 | 1.250 | .156 |
| CT-H29 | 1.625 | .156 |
| CT-H30 | 1.750 | .218 |
| CT-H31 | 1.062 | .312 |
| CT-H32 | 1.500 | .312 |

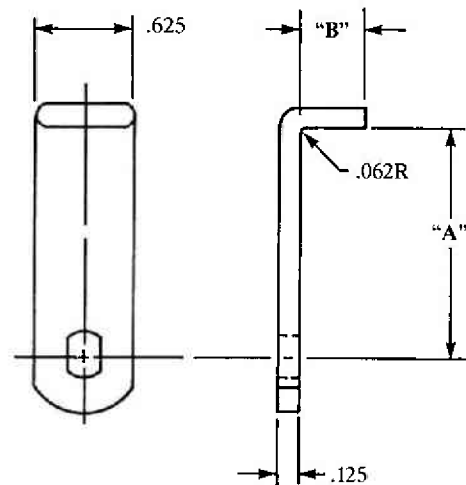


| J Series Offset Cams | | |
|----------------------|--------|--------|
| Part No. | A Dim. | B Dim. |
| CT-J00 | 1.250 | .156 |
| CT-J01 | 1.125 | .218 |
| CT-J04 | 1.50 | .125 |
| CT-J05 | 1.0 | .125 |
| CT-J06 | 1.125 | .125 |
| CT-J07 | 1.250 | .125 |
| CT-J08 | 1.625 | .125 |
| CT-J09 | 1.750 | .125 |
| CT-J10 | 2.0 | .125 |
| CT-J11 | 2.125 | .125 |
| CT-J12 | 1.250 | .218 |
| CT-J13 | 1.125 | .312 |
| CT-J14 | 1.250 | .312 |
| CT-J15 | 1.625 | .312 |
| CT-J16 | 1.750 | .312 |
| CT-J17 | 2.0 | .312 |
| CT-J18 | 2.125 | .312 |
| CT-J19 | 1.625 | .218 |
| CT-J20 | 1.750 | .218 |
| CT-J22 | 1.125 | .156 |
| CT-J23 | 1.625 | .156 |
| CT-J24 | 1.750 | .156 |
| CT-J25 | 2.0 | .156 |
| CT-J26 | 2.0 | .218 |
| CT-J27 | 1.50 | .312 |
| CT-J28 | 2.625 | .218 |

G Series 90° Offset Cam



K Series Bent Cam



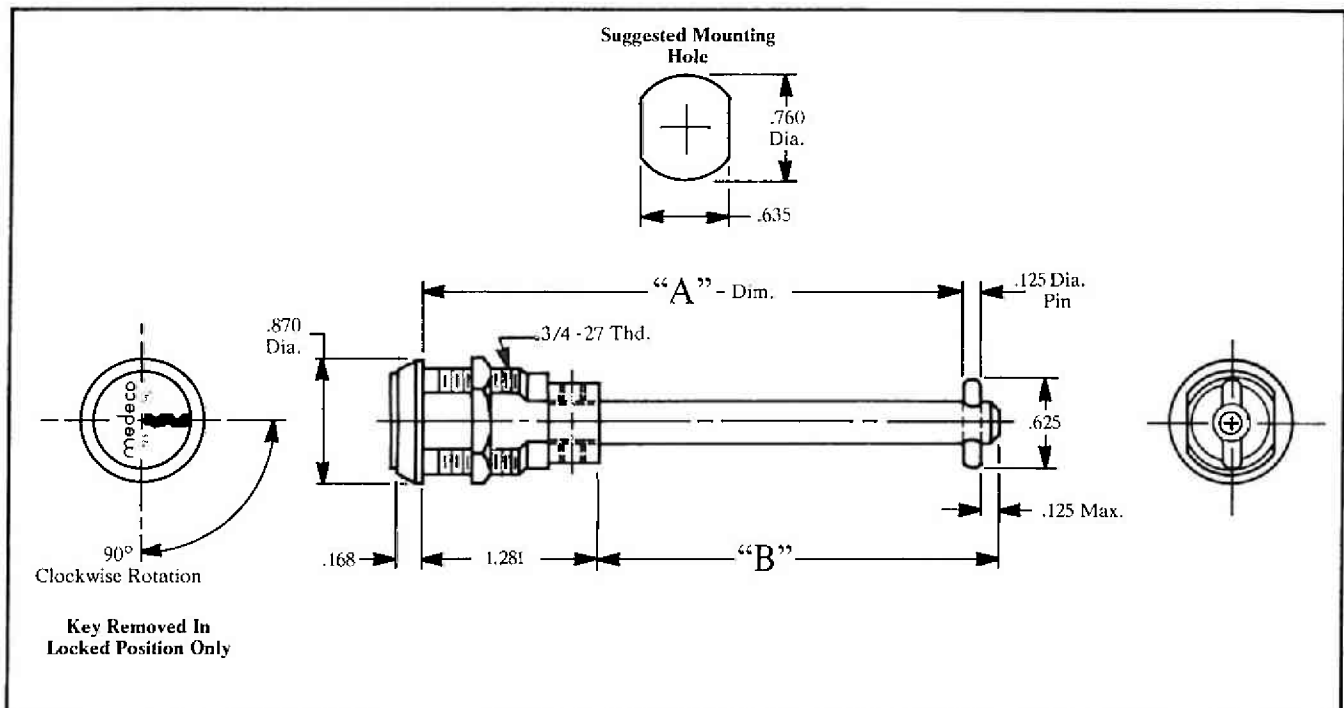
Note: A, B and C dimensions are variable. These cams available to special order. Contact your Medeco representative or OEM Customer Service for cam applications.

Rotary T Lock and Threaded Extension Locks

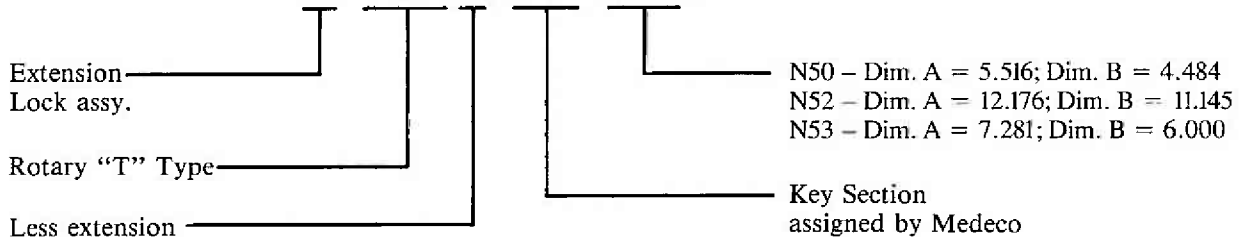
Ordering Instructions

To order rotary locks and threaded extension locks, follow individual extension charts or ordering breakdowns under each product. Order numbers are less keys.

63-0450A-XX-N50

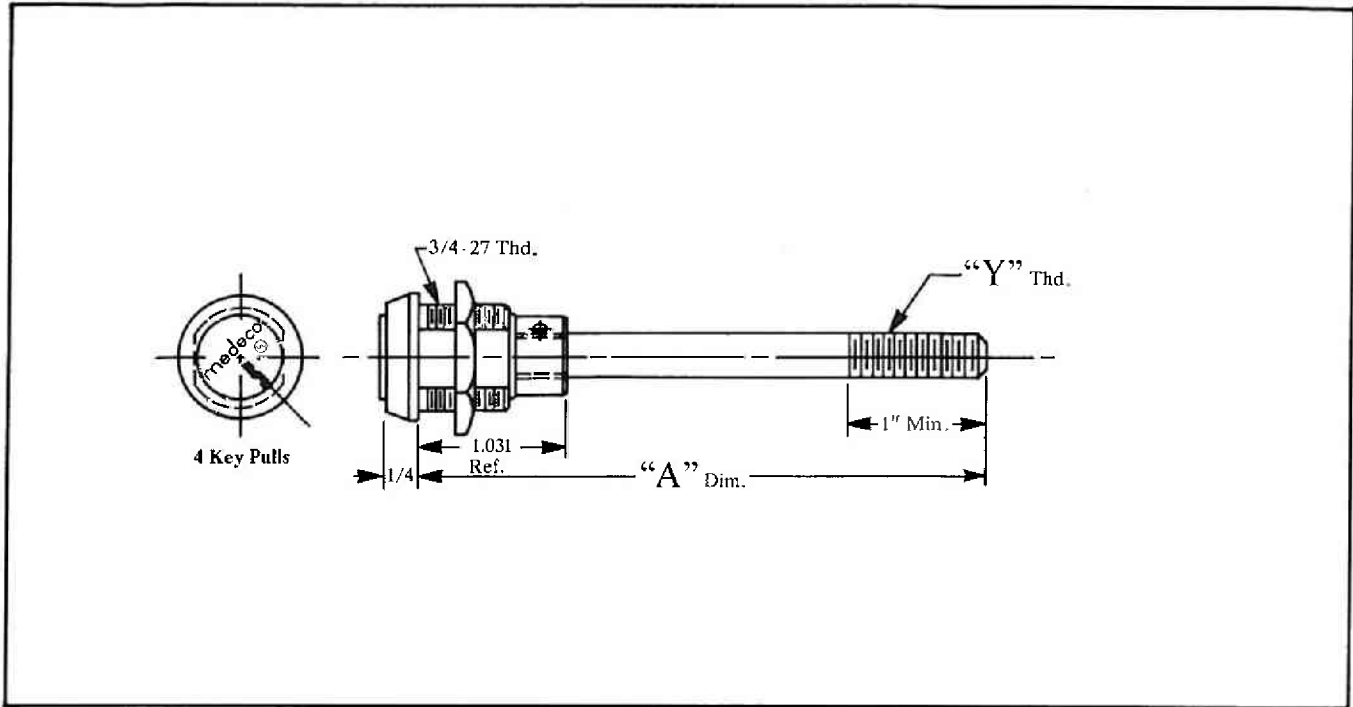


63-0450A-XX-NXX



| Extensions Less Lock | | |
|----------------------|--------|--------|
| Part No. | A Dim. | B Dim. |
| CT-N77 | 5.516 | 4.484 |
| CT-N79 | 7.281 | 6.000 |
| CT-N80 | 12.176 | 11.145 |

63-0650-XX-XXX



63-0650-XX-XXX

Extension
Lock Assy.

4-pin threaded extension,
360° rotation, 4 key pulls

Extension No.

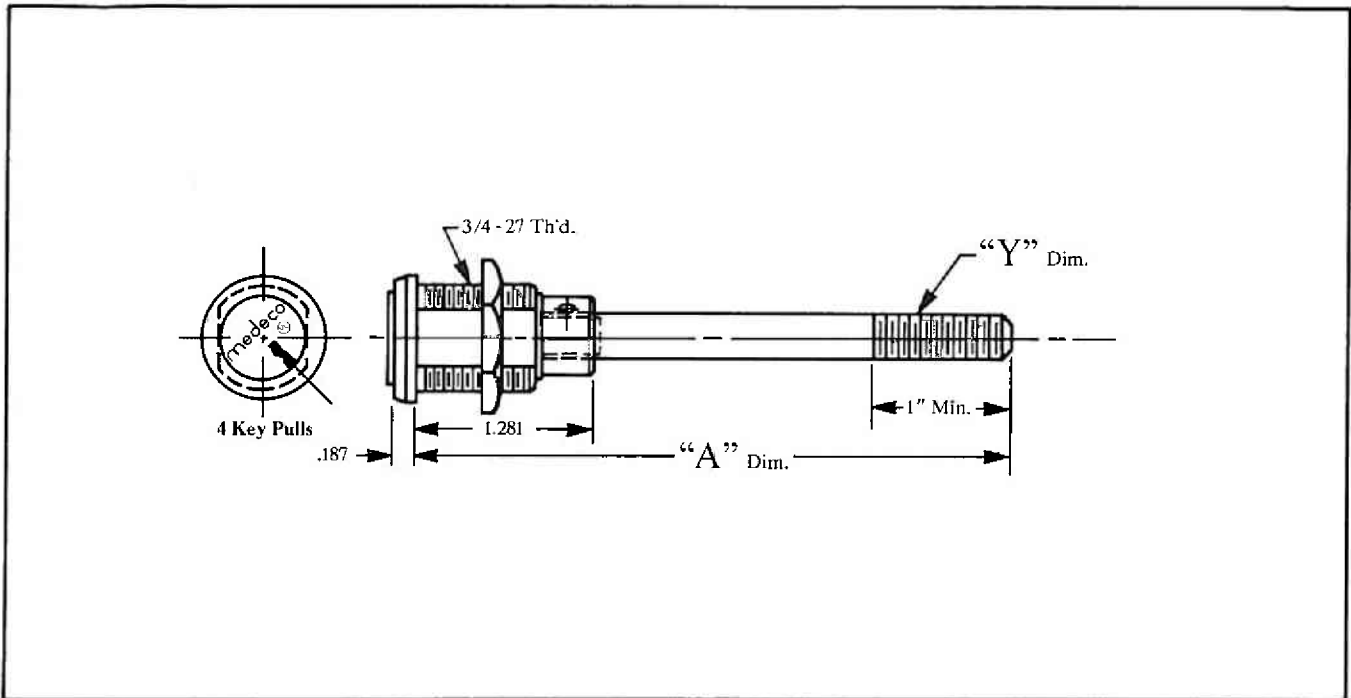
See Extension Chart to select
Dim. "A" and corresponding
Extension No. (i.e. Dim. "A" is
2-13/16; XXX = M01)

Key Section
assigned by Medeco

Extension Chart

| ADim. | YTh'd. | Extension No. | | ADim. | YTh'd. | Extension No. | |
|-------------------|---------|---------------|--|---------------------|---------|---------------|--|
| | | Part No. | | | | Part No. | |
| 1.5 (38.1 mm) | 5/16-18 | CT-M19 | | 3.625 (92.075 mm) | 5/16-24 | CT-M16 | |
| 1.5 (38.1 mm) | 5/16-24 | CT-M26 | | 4.125 (104.775 mm) | 5/16-18 | CT-M20 | |
| 1.813 (46.05 mm) | 5/16-18 | CT-M12 | | 4.5 (114.3 mm) | 5/16-18 | CT-M15 | |
| 2 (50.8 mm) | 5/16-18 | CT-M14 | | 4.688 (119.075 mm) | 5/16-24 | CT-M25 | |
| 2.25 (57.15 mm) | 5/16-18 | CT-M27 | | 4.75 (120.65 mm) | 5/16-18 | CT-M24 | |
| 2.188 (55.575 mm) | 5/16-18 | CT-M22 | | 4.875 (123.825 mm) | 5/16-18 | CT-M07 | |
| 2.75 (69.85 mm) | 5/16-18 | CT-M18 | | 5.75 (146.05 mm) | 5/16-18 | CT-M09 | |
| 2.813 (71.45 mm) | 5/16-18 | CT-M01 | | 6.125 (155.575 mm) | 5/16-18 | CT-M17 | |
| 2.875 (73.025 mm) | 5/16-18 | CT-M03 | | 6.25 (158.75 mm) | 5/16-18 | CT-M30 | |
| 2.875 (73.025 mm) | 5/16-24 | CT-M28 | | 7.438 (188.925 mm) | 5/16-18 | CT-M05 | |
| 3 (76.2 mm) | 5/16-18 | CT-M04 | | 8 (203.2 mm) | 5/16-18 | CT-M06 | |
| 3.125 (79.375 mm) | 5/16-18 | CT-M29 | | 8.25 (209.55 mm) | 5/16-18 | CT-M08 | |
| 3.5 (88.9 mm) | 5/16-18 | CT-M21 | | 8.5 (215.9 mm) | 5/16-18 | CT-M02 | |
| 3.5 (88.9 mm) | 5/16-24 | CT-M11 | | 8.75 (222.25 mm) | 5/16-18 | CT-M10 | |
| 3.625 (92.075 mm) | 5/16-18 | CT-M23 | | 14.875 (377.825 mm) | 5/16-18 | CT-M13 | |

63-0750-XX-XXX



63-0750-XX-XXX

Extension
Lock assy.

5-pin threaded
extension, 360° rotation,
4 key pulls

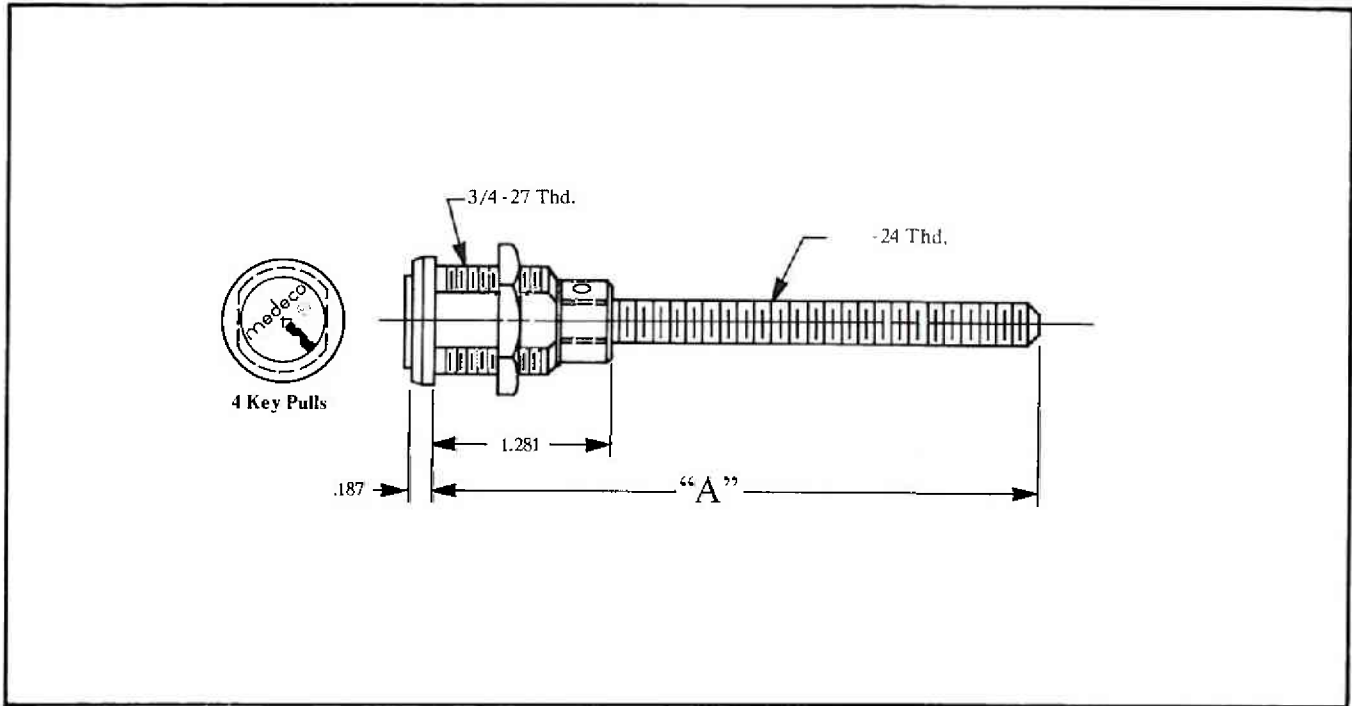
Extension No.
See Extension Chart to
select Dim. "A" and
corresponding Extension No.
(i.e. Dim. "A" is 8-3/4;
XXX = M02)

Key Section
assigned by Medeco

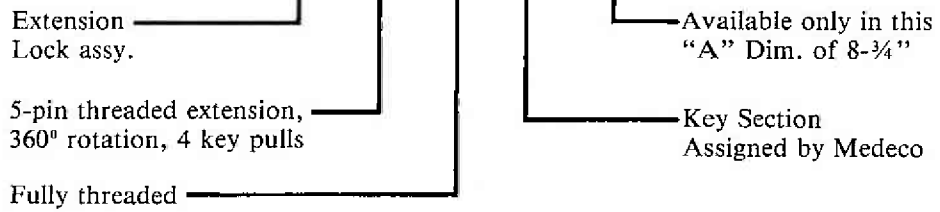
Extension Chart

| A Dim. | Y Th'd. | Extension No. | A Dim. | Y Th'd. | Extension No. |
|------------------|---------|---------------|--------------------|---------|---------------|
| | | Part No. | | | Part No. |
| 1.750 (44.45 mm) | 5/16-18 | CT-M19 | 4.375 (111.13 mm) | 5/16-18 | CT-M20 |
| 1.750 (44.45 mm) | 5/16-24 | CT-M26 | 4.750 (120.66 mm) | 5/16-18 | CT-M15 |
| 2.063 (52.40 mm) | 5/16-18 | CT-M12 | 4.94 (125.48 mm) | 5/16-24 | CT-M25 |
| 2.250 (57.15 mm) | 5/16-18 | CT-M14 | 5.00 (127.00 mm) | 5/16-18 | CT-M24 |
| 2.438 (61.93 mm) | 5/16-18 | CT-M22 | 5.125 (130.18 mm) | 5/16-18 | CT-M07 |
| 2.50 (63.50 mm) | 5/16-18 | CT-M27 | 5.375 (136.53 mm) | 5/16-18 | CT-M31 |
| 3.000 (76.20 mm) | 5/16-18 | CT-M18 | 6.000 (152.40 mm) | 5/16-18 | CT-M09 |
| 3.063 (77.80 mm) | 5/16-18 | CT-M01 | 6.375 (161.93 mm) | 5/16-18 | CT-M17 |
| 3.125 (79.38 mm) | 5/16-18 | CT-M03 | 6.50 (165.10 mm) | 5/16-18 | CT-M30 |
| 3.125 (79.38 mm) | 5/16-24 | CT-M28 | 7.688 (195.28 mm) | 5/16-18 | CT-M05 |
| 3.250 (82.55 mm) | 5/16-18 | CT-M04 | 8.250 (209.55 mm) | 5/16-18 | CT-M06 |
| 3.625 (92.08 mm) | 5/16-24 | CT-M11 | 8.500 (215.90 mm) | 5/16-18 | CT-M08 |
| 3.750 (95.25 mm) | 5/16-18 | CT-M21 | 8.750 (222.25 mm) | 5/16-18 | CT-M02 |
| 3.875 (98.43 mm) | 5/16-24 | CT-M16 | 9.000 (228.60 mm) | 5/16-18 | CT-M10 |
| 3.875 (98.43 mm) | 5/16-18 | CT-M23 | 15.125 (384.18 mm) | 5/16-18 | CT-M13 |

63-0750 H-XX-N61

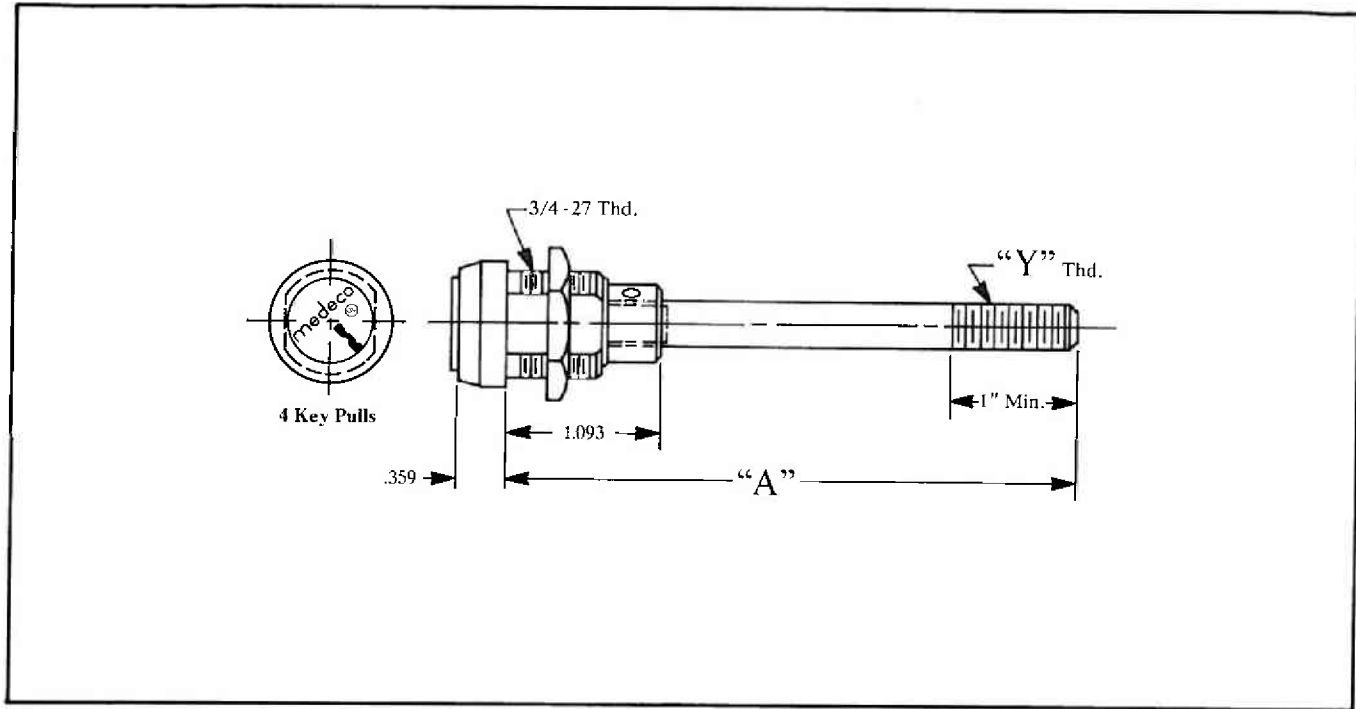


63-0750 H-XX-N61



| Extension Chart | |
|---------------------|---------------|
| A. Dim. | Extension No. |
| 8.75 (222.25 mm) | CT-N61 |

63-0850-XX-XXX



63-0850-XX-XXX

Threaded extension

5-pin threaded extension, 360° rotation; 4 key pulls

Extension No. See Extension Chart to select Dim. "A" and corresponding extension No. (i.e. Dim. "A" is 5-13/16; XXX = M09)

Key Section Assigned by Medeco

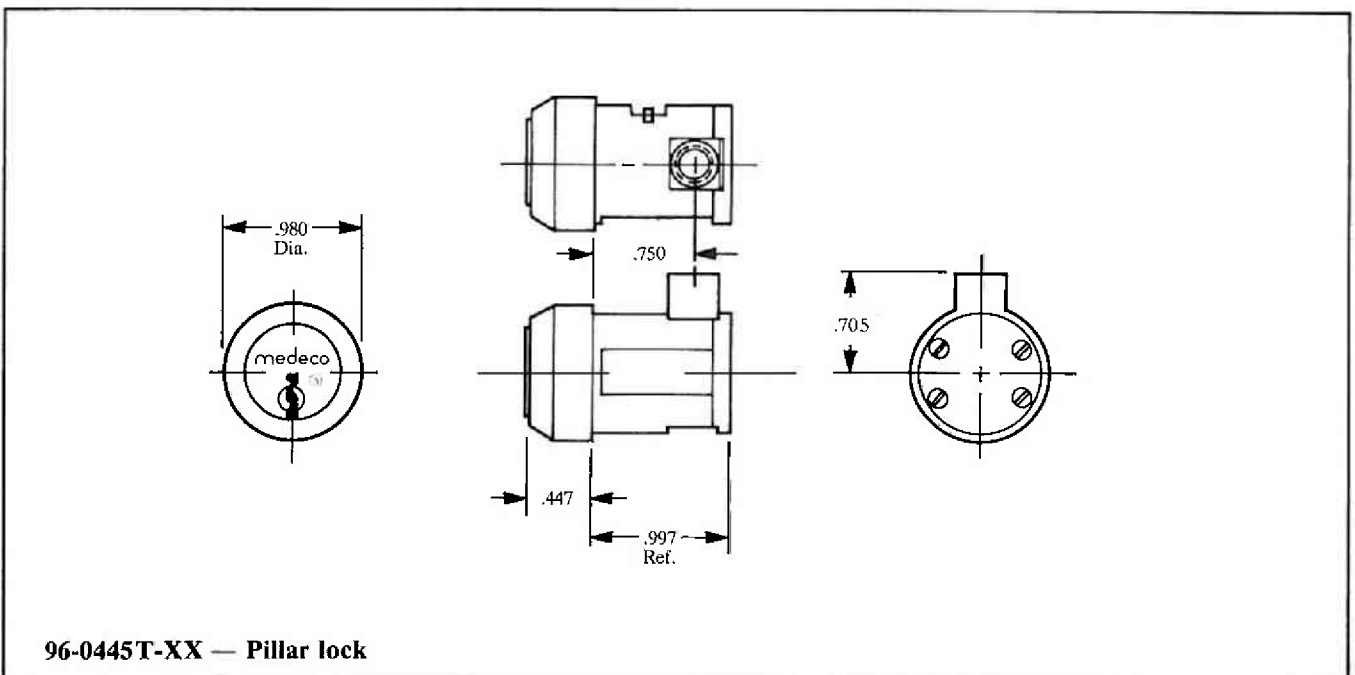
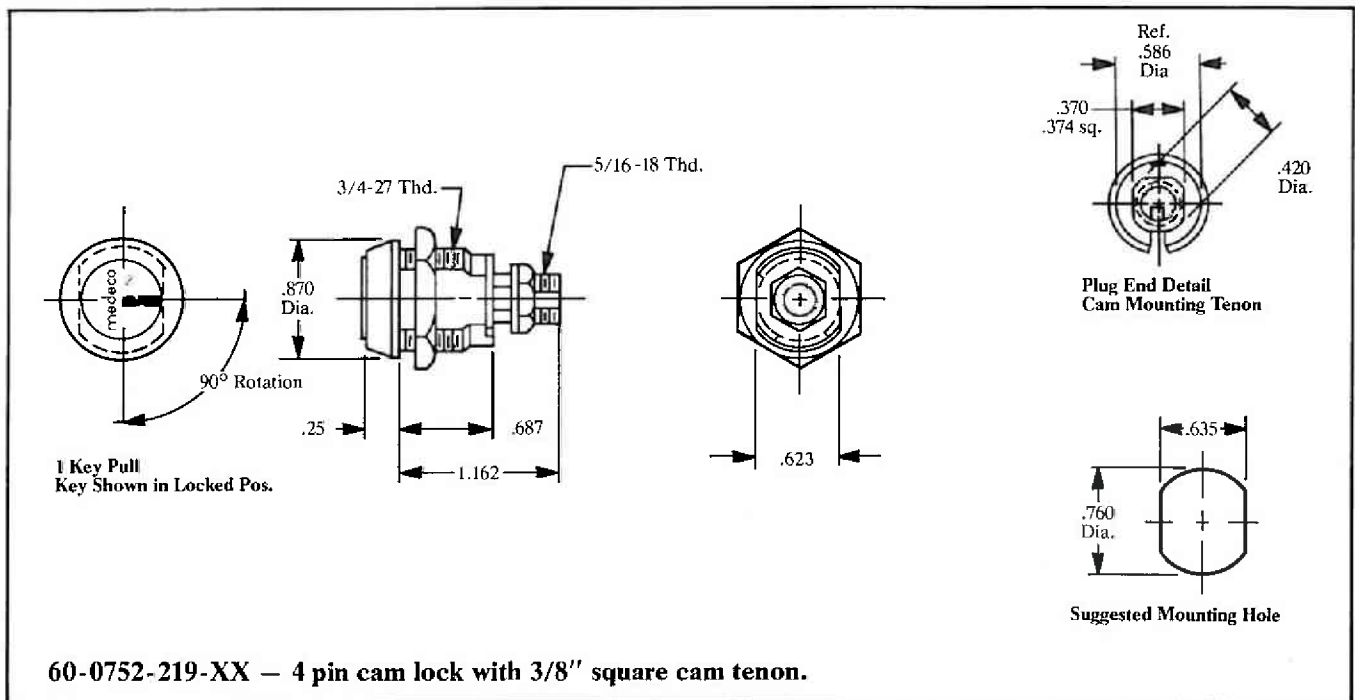
Extension Chart

| A Dim. | Y Th'd. | Extension No. | | A Dim. | Y Th'd. | Extension No. | |
|-------------------|---------|---------------|--|---------------------|---------|---------------|--|
| | | Part No. | | | | Part No. | |
| 1.563 (39.7 mm) | 5/16-18 | CT-M19 | | 3.688 (93.675 mm) | 5/16-24 | CT-M16 | |
| 1.563 (39.7 mm) | 5/16-24 | CT-M26 | | 4.186 (106.324 mm) | 5/16-18 | CT-M20 | |
| 1.875 (47.625 mm) | 5/16-18 | CT-M12 | | 4.563 (115.9 mm) | 5/16-18 | CT-M15 | |
| 2.063 (52.4 mm) | 5/16-18 | CT-M14 | | 4.75 (120.65 mm) | 5/16-24 | CT-M25 | |
| 2.25 (57.15 mm) | 5/16-18 | CT-M22 | | 4.813 (122.25 mm) | 5/16-18 | CT-M24 | |
| 2.313 (58.75 mm) | 5/16-18 | CT-M27 | | 4.938 (125.425 mm) | 5/16-18 | CT-M07 | |
| 2.813 (71.45 mm) | 5/16-18 | CT-M18 | | 5.813 (147.65 mm) | 5/16-18 | CT-M09 | |
| 2.875 (73.025 mm) | 5/16-18 | CT-M01 | | 6.186 (157.124 mm) | 5/16-18 | CT-M17 | |
| 2.938 (74.625 mm) | 5/16-18 | CT-M03 | | 6.313 (160.35 mm) | 5/16-18 | CT-M30 | |
| 2.938 (74.625 mm) | 5/16-24 | CT-M28 | | 7.5 (190.5 mm) | 5/16-18 | CT-M05 | |
| 3.063 (77.8 mm) | 5/16-18 | CT-M04 | | 8.063 (204.8 mm) | 5/16-18 | CT-M06 | |
| 3.188 (80.975 mm) | 5/16-18 | CT-M29 | | 8.313 (211.15 mm) | 5/16-18 | CT-M08 | |
| 3.563 (90.5 mm) | 5/16-18 | CT-M21 | | 8.563 (217.5 mm) | 5/16-18 | CT-M02 | |
| 3.563 (90.5 mm) | 5/16-24 | CT-M11 | | 8.813 (223.85 mm) | 5/16-18 | CT-M10 | |
| 3.688 (93.675 mm) | 5/16-18 | CT-M23 | | 14.938 (379.425 mm) | 5/16-18 | CT-M13 | |

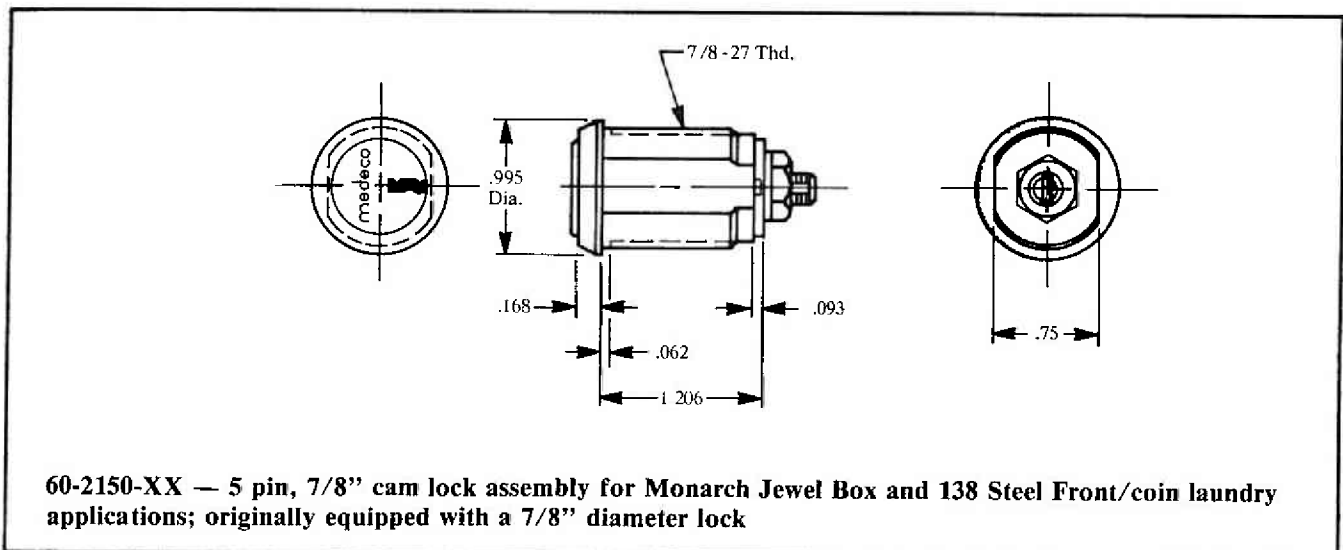
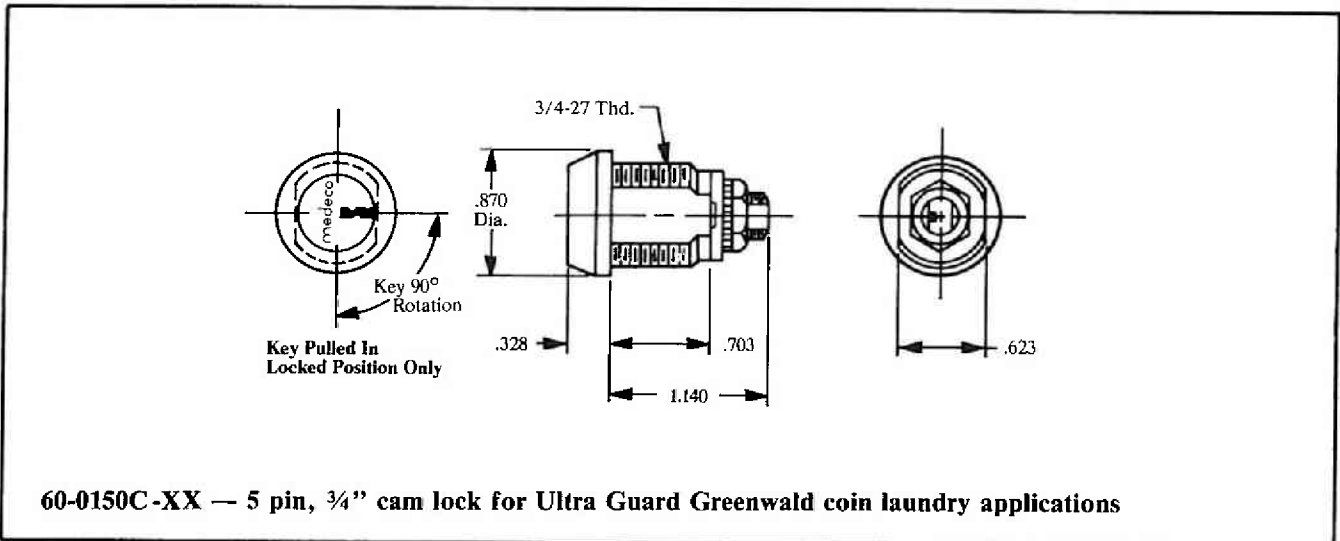
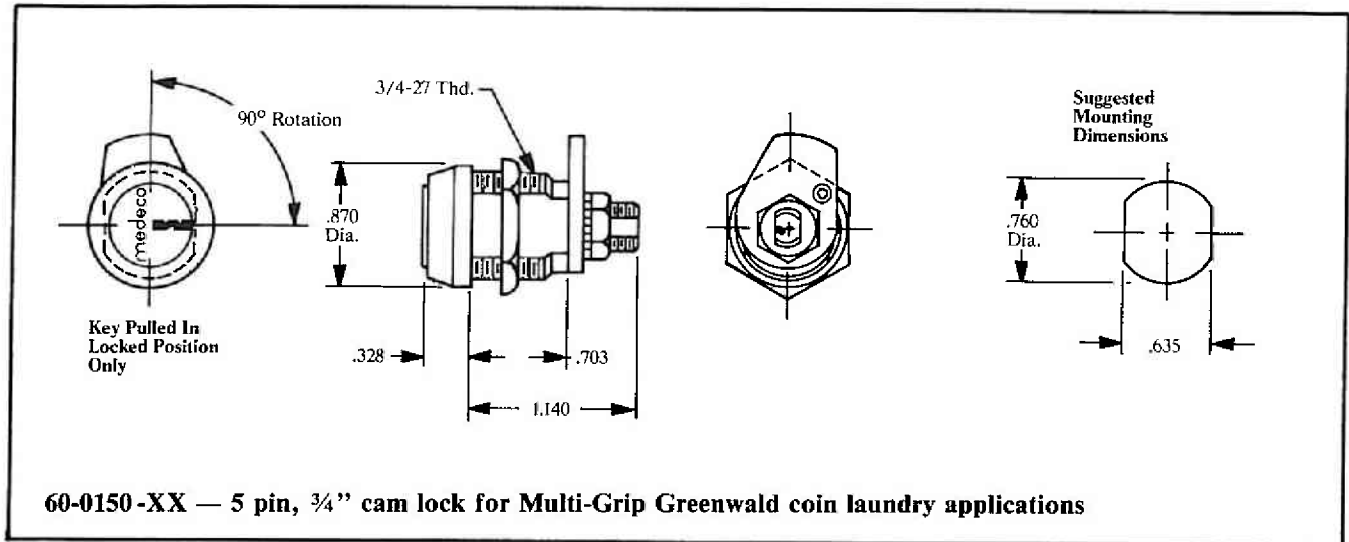
Locks for Special Applications

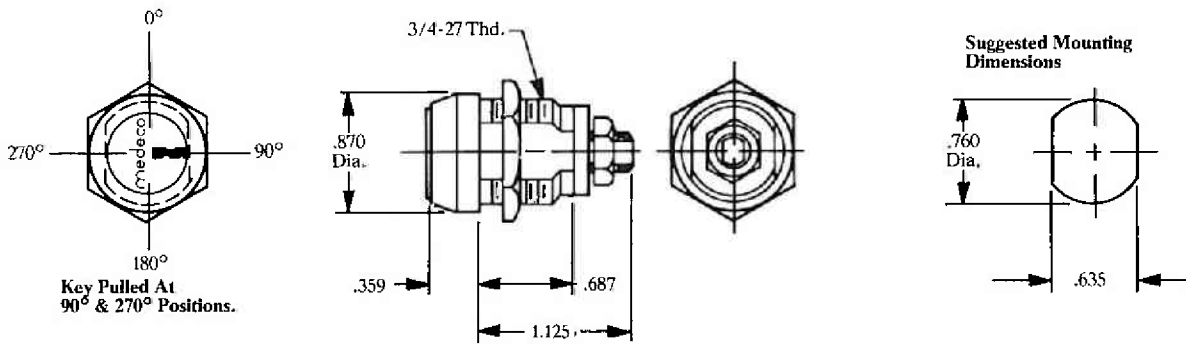
Ordering Instructions:

To order cam locks for special applications, order from catalog number listed. The key section (represented by the two xx's at the end of the catalog number) will be provided by Medeco. Order numbers are less keys.

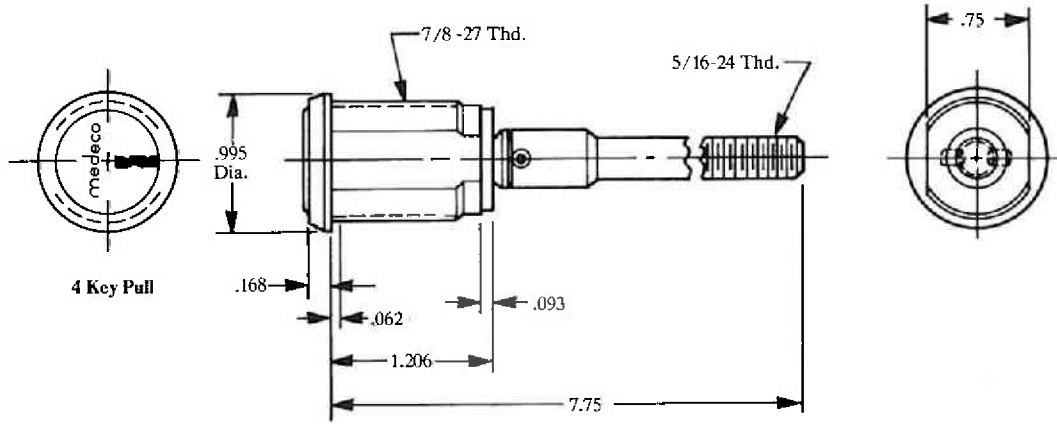


Coin Laundry Locks





60-2250-XX — 5 pin, 3/4" cam lock assembly for Monarch Jewel Box coin laundry applications; originally equipped with a 3/4" diameter lock.



63-1050-XX — 5 pin, 7/8" diameter threaded extension lock for Super 20 Washer.

Note: Locks for other coin laundry applications available as standard products. Please refer to Cam Locks, Rotary "T", and Threaded Extension Sections of our catalog for other lock assemblies.

The products as listed in this section are representative of the many custom applications for which Medeco has designed locks. If locks for your specific requirements are not listed, we welcome the opportunity to provide detailed information.

Medeco manufactures replacement locks for all popular brands of vending equipment. Contact your Medeco sales representative or Medeco OEM Customer Service for details and ordering instructions.

Currency Changers

Ardac
National Rejectors
MMI (some models)
Rowe
Speed Queen
Hamilton Scale

Vending Machines

Automatic Products
Cavalier
Choice Vend
Coffee Mat
Dixie Narco
General Products
Ideal Venders
Gold Metal

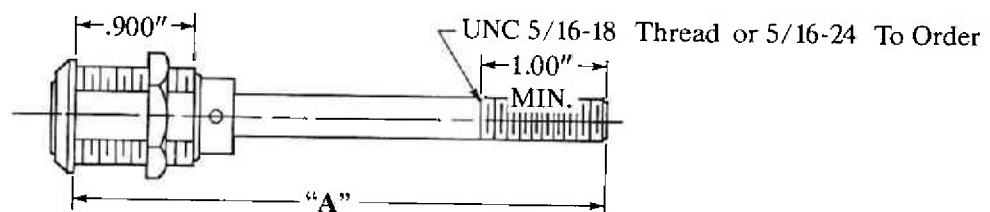
Lance
Lextro Vend
Moyer Diebel
National Venders
Rock Ola
R.M.I.
Rowe
Seeburg

Vendo
Vendo/USI

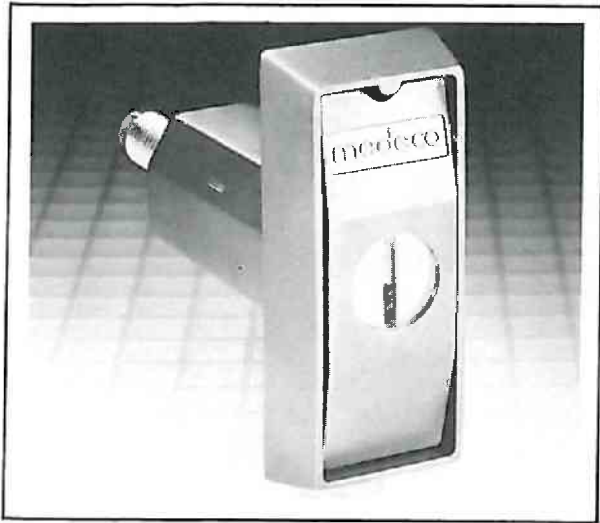
Medeco Replacement Locks For Commercial Washer & Dryer Coin Boxes

| Brand | Model | Medeco Lock No. | Notes |
|--|---|-----------------|--|
| Greenwald | Multi-Grip Ultra-Guard | 60-0150 | Special Cam Required - Specify "For Greenwald." Will not adapt to SLG covers or to closed face Ultra-Guards. |
| Monarch | Jewel Box | 60-2250 | Will not adapt to boxes supplied originally with Ace "U.L." locks. |
| | 138F Steel Front | 60-2250 | Requires special coupling and threaded extension supplied with coin box. |
| Modern Meters | Flat Steel Face Coin Boxes | 60-2250 | For boxes originally equipped with standard "ACE" Locks (3/4" diameter mounting hole). |
| | | 60-2059 | For boxes originally equipped with "ACE U.L." Locks (7/8" diameter mounting hole). |
| Reed Industries | A B T | 60-0750C | Can only be used in boxes originally equipped with Medeco locks. |
| Maytag | A-17 | 63-0450A | Furnished complete with Locking Rod. |
| | A-16 | | Supply Sample |
| Huebsch & Speed Queen | All Models of 30 & 50 LB Dryers, Routemaster 1972 & After | 63-0750-M05 | 360° operation, 4 key pulls 90° apart, 7-11/16" from mounting surface to end of 5/16-18 threaded extension rod (Medeco "A" Dim.) |
| | Routemaster before 1972. Hydry-all models | | Dimension from mounting surface to front edge of cross pin (Medeco "A" Dim.) may be 4-33/64 or 4-43/64. Specify or send sample. Minimum 100 pcs. |
| Cissell | All | | Specify exact "A" dimension or send sample. |
| Ametek | All | | Requires 1/4" diameter extension rod. Minimum 100 pcs. order & set-up charges. |
| Meter All (Cook Machinery) | Most | | Specify "A" dimension 3-7/8", 5-1/2", or 6-1/2". Send sample for other lengths. |
| International Dryer | All | | Specify "A" dimension 3-1/8", 3-5/8", or 8-1/4". |
| Milnor | Some | 63-0700-M08 | "A" dimension 8-1/2". |
| | Most Cash Boxes | 63-0700-M13 | "A" dimension 15-1/8". |
| International Duplex | Most | 63-0700-M10 | "A" dimension 9". |
| Frigidaire | Prior to "S" Model | 63-0700-M07 | "A" dimension 5-1/8". |
| Philco Bendix | Screw Type Locks | 63-0700 M14 | "A" dimension 2-1/4". |
| Ardac/Speed Queen Dollar Bill Changer | All | 63-1250 | |
| National Rejectors Dollar Bill Changer | Mini-Buck Passer | 63-0700-M14 | "A" dimension 2-1/4". |
| Rowe Dollar Bill Changer | BCC-6 & 7 | 64-0550 | Removable core lock - requires crank wrench to open door. |
| | BCC-8 & 9 | 64-0150 | Standard vending type "T" handle. |

Due to the variety of different lock sizes and functions, it is necessary for us to receive exact dimensional sketches or samples for brands not shown above. See previous pages for ordering instructions.







Stainless Steel High Security T-Handle

Construction and Features:

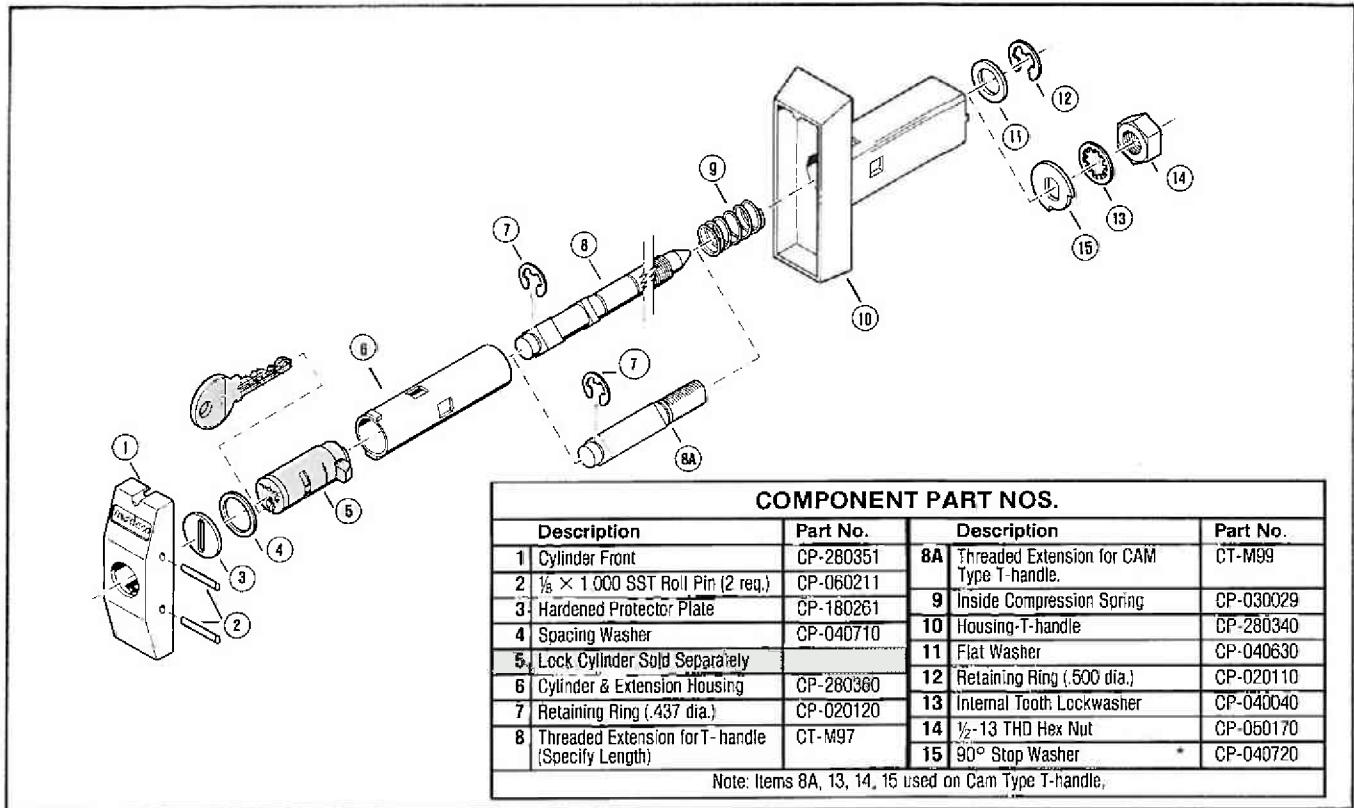
Medeco's high security T-handle is the first handle of its type designed specifically to defy forced entry. Conventional die cast construction has been replaced with 300-series stainless steel for the housing and handle components. The housing surrounds and interlocks the handle to eliminate critical pry points, and to resist drilling, prying, wrenching and other common forms of physical attack. Rear loading of the lock cylinder, combined with a free-spinning hardened steel cover, protects against drilling and pulling.

Special consideration has been given to serviceability. Cylinders can be quickly changed in the field without special tools. Conformance to NAMA and ASTM dimensional standards provides a wide choice of cylinders to suit individual security needs.

Application:

Currency changers/Soft drink vending machines/Other vending machines equipped with standard T-handles/Mass transit fare collection systems/Bicycle storage modules/External utility boxes.

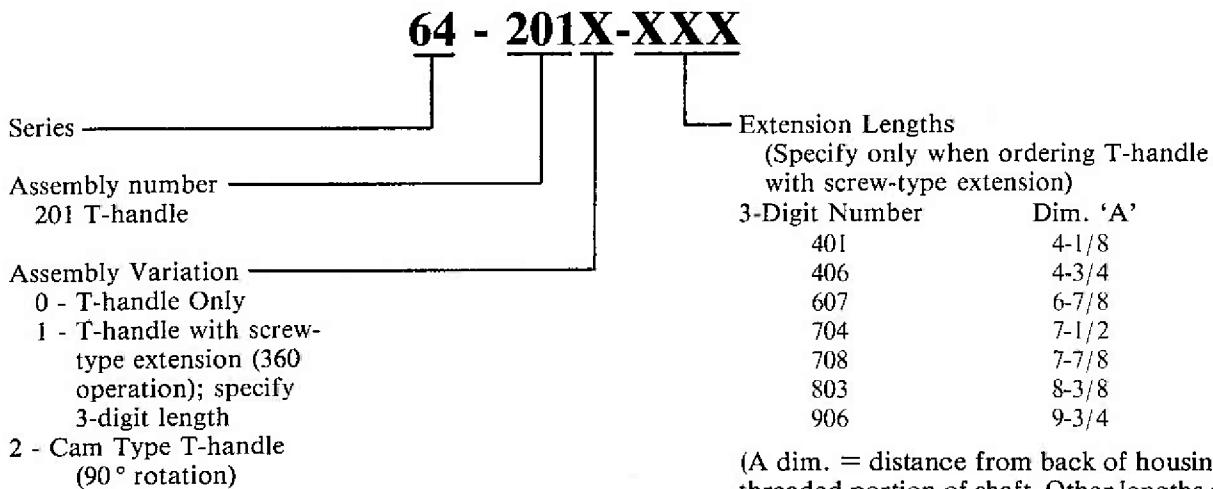
High Security T-Handle



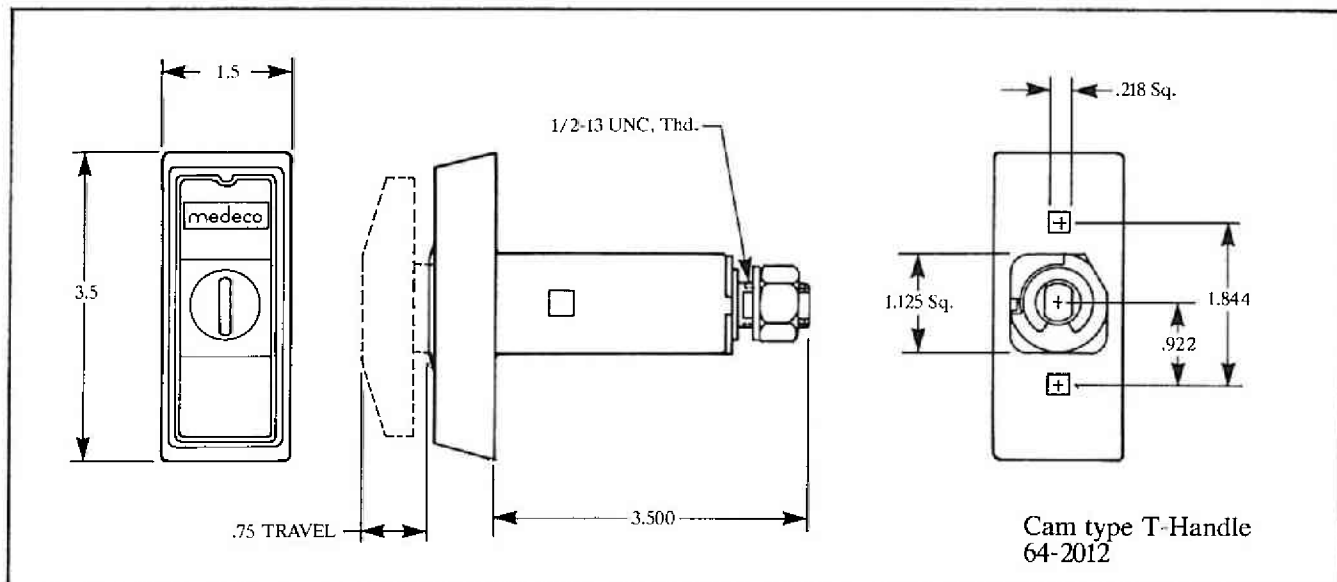
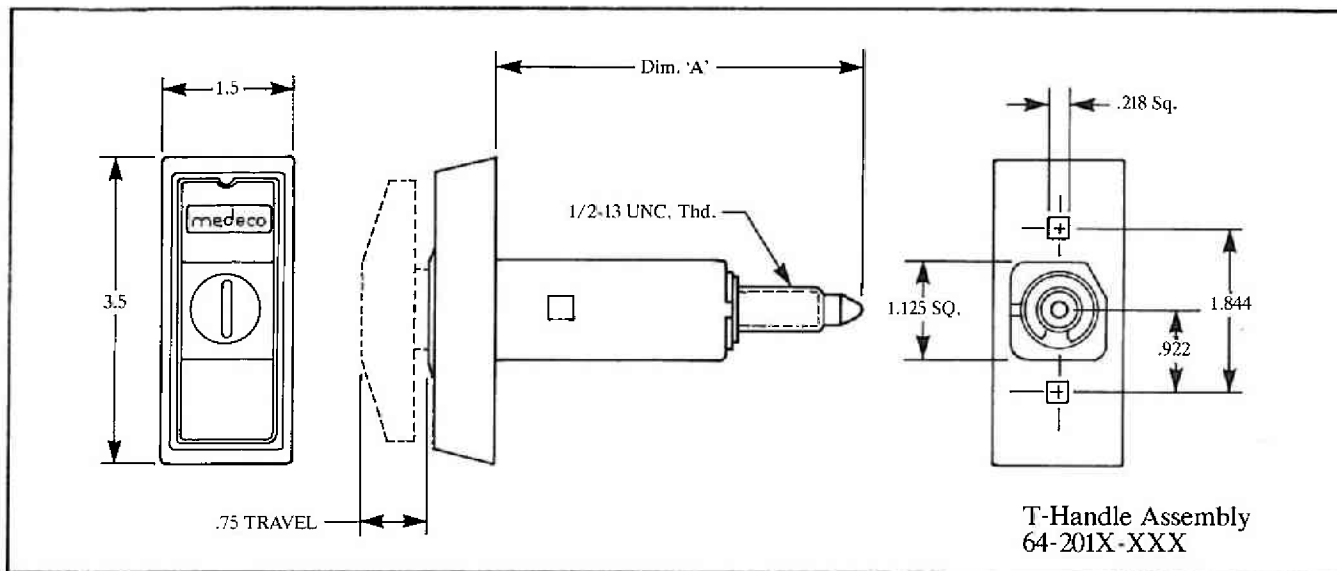
*Stop washer (15) as illustrated for counter clockwise rotation; reverse stop washer (15) for clockwise rotation.

Ordering Instructions:

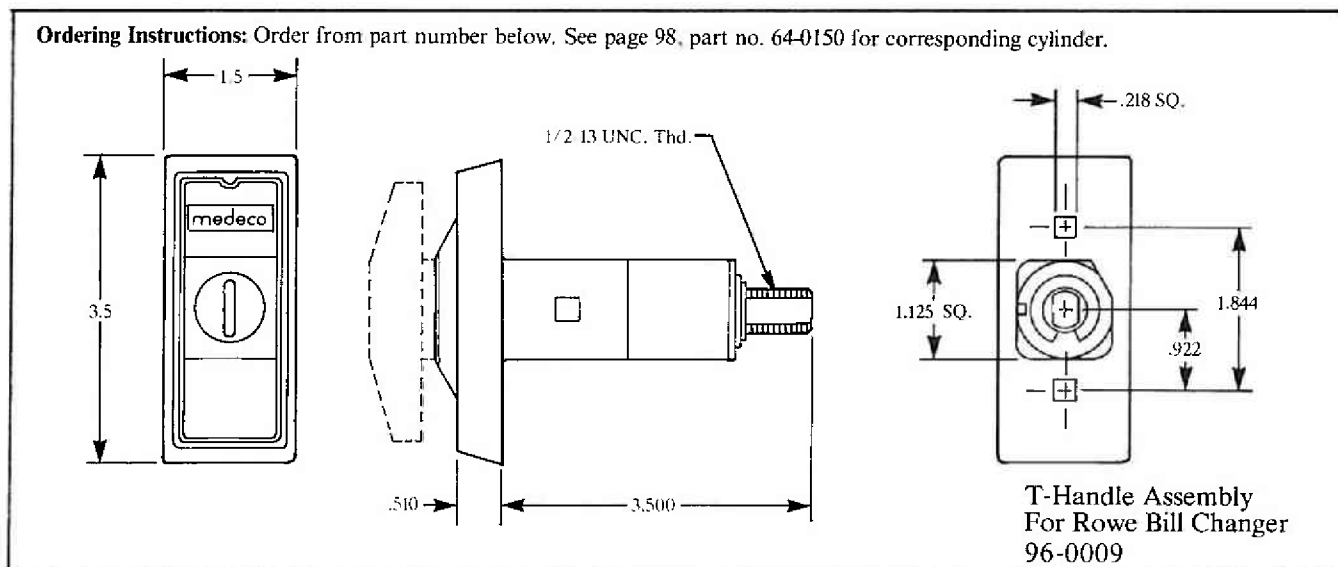
Catalog numbers are required for all orders. To order the correct T-handle fill in the X's in sequential order: Example: 64-2011-607 denotes — T-handle with extension, 'A' Dim. = 6-7/8 inches.



(A dim. = distance from back of housing to end of threaded portion of shaft. Other lengths available as special orders.)



Ordering Instructions: Order from part number below. See page 98, part no. 64-0150 for corresponding cylinder.







T-Handle Cylinder Locks

Medeco High Security T-handle cylinders are designed primarily for replacement of factory installed cylinders on all popular brands of vending machines and bill changers equipped with "T" handles. They may be used in other applications requiring tube type or sliding bar locking mechanisms.

Removable plug type locks offer excellent security for applications requiring the use of a wrench or other tool to engage an internal latching mechanism, found on many currency changers. The 64-0550 features a hardened steel housing for maximum protection against vandalism.

Features:

- Patented side bar locking mechanism, and angled cuts on keys protect against picking and unauthorized duplication of key.
- Restricted, factory registered key systems with exclusive key assignment available on request.
- Resists drilling, wrenching and other forms of physical attack.
- Versatile masterkeying capability.
- Manufactured to precision quality standards by skilled lock craftsmen.

Ordering Instructions

Complete catalog part numbers are required on all miscellaneous part numbers listed below. Indicate keyway by adding two digits to order number. Example: 64-0150-XX.

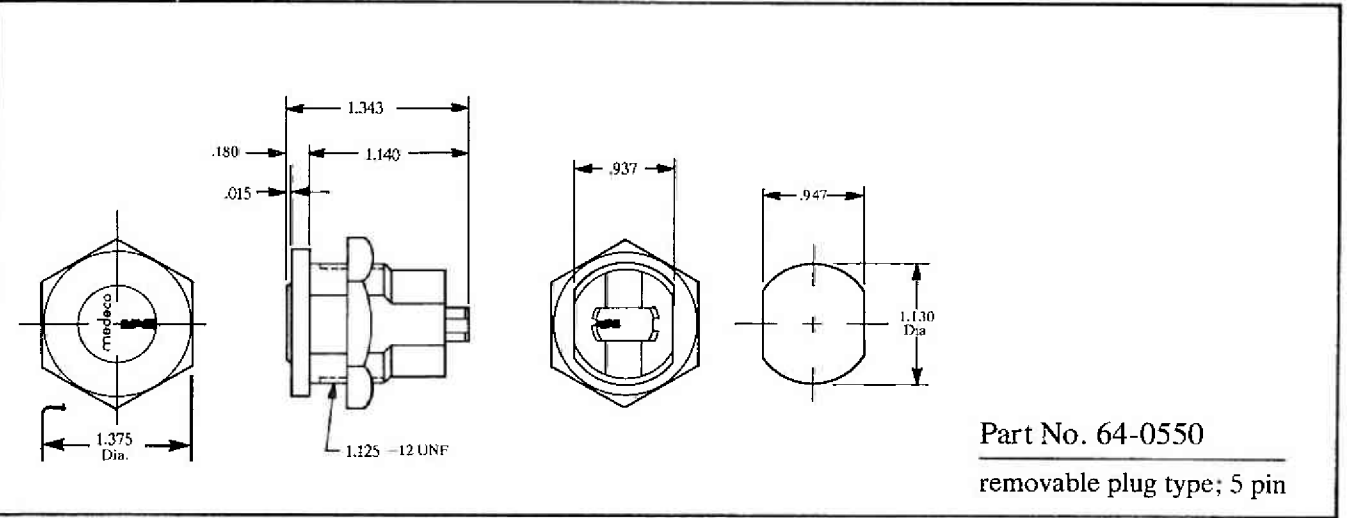
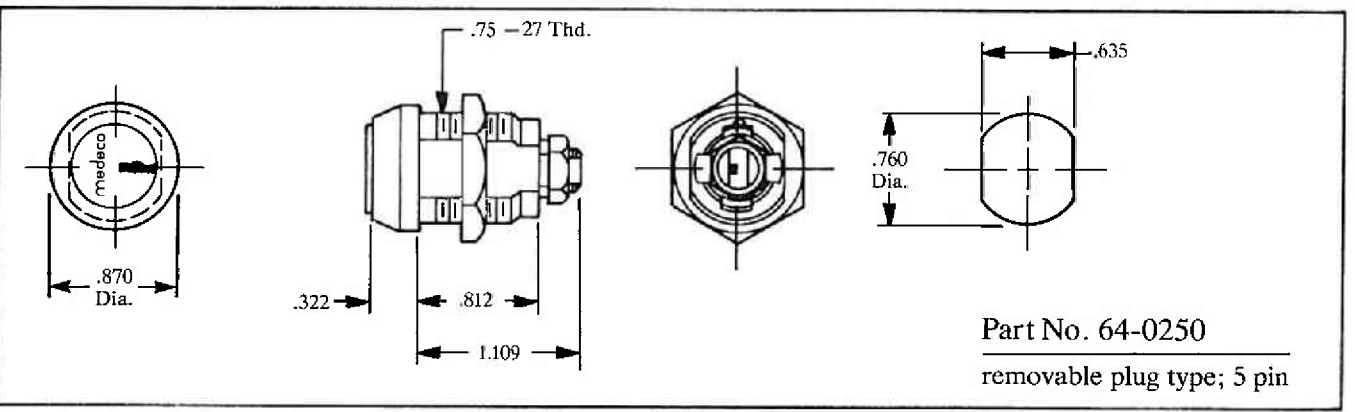
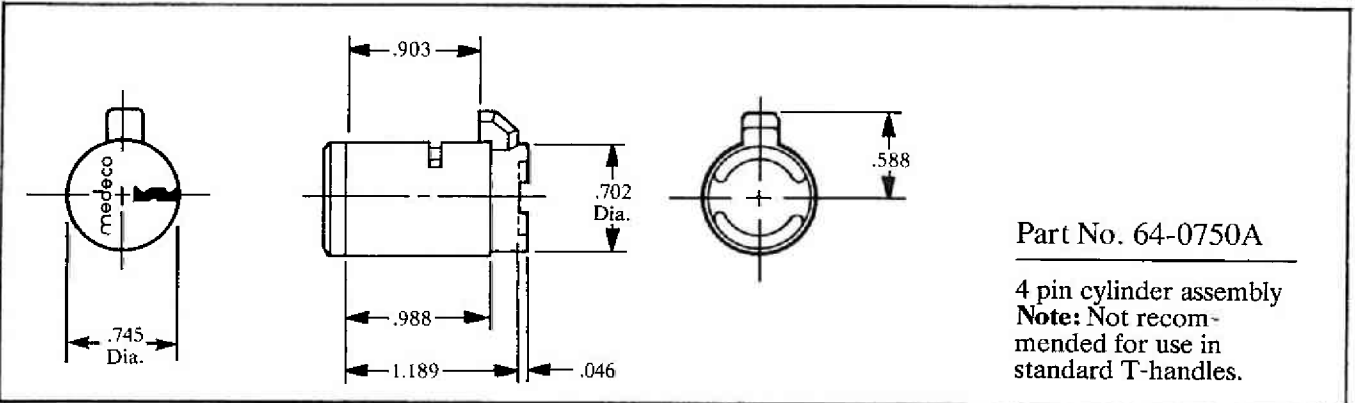
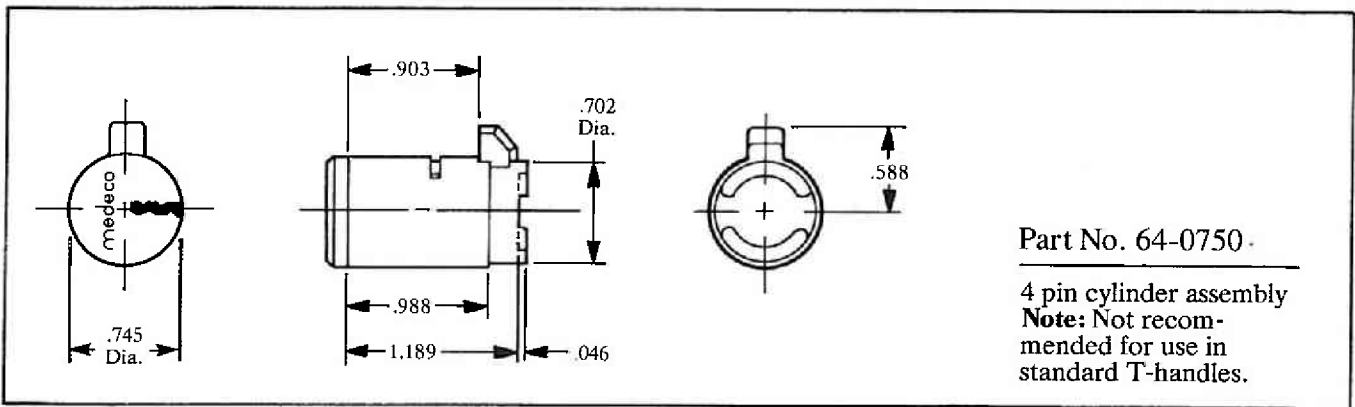
Part No. 64-0150
T-handle cylinder assembly with spring bolt; 5 pin*

Part No. 64-0150C
T-handle cylinder assembly with deadbolt; 5 pin*

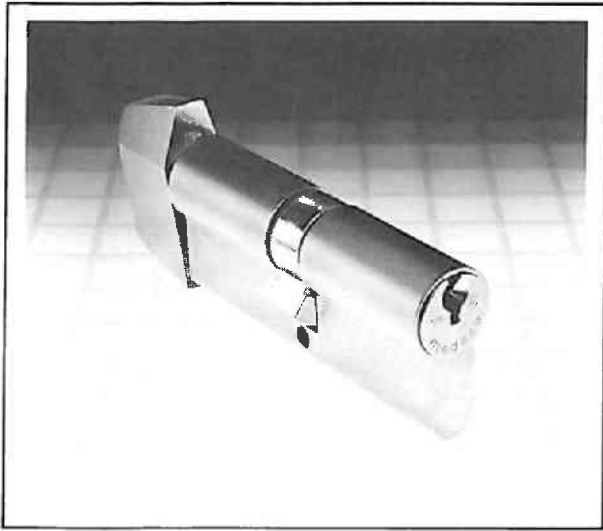
Part No. 64-0750E
4 pin cylinder springbolt to replace standard 5 pin.
When used with Medeco High Security T-handle, protector plate normally supplied with T-handle must be eliminated.*

Part No. 64-0750G
4 pin cylinder deadbolt to replace standard 5 pin.
When used with Medeco High Security T-handle, protector plate normally supplied with T-handle must be eliminated.*

* Conforms to ASTM and NAMA dimensional standards.







Export Cylinders

Medeco's export cylinders are designed to retrofit in locksets of major world manufacturers. They incorporate Medeco's double locking principle, and are used to upgrade common locking systems to a high security level. They include the pick resistant, drill resistant and wrench resistant features of the UL listed Medeco cylinders.

Profile Cylinder

The profile cylinders interchange with cylinders conforming to DIN 18252. They are available in extension steps of 5 mm, up to a total of 40 mm on either side.

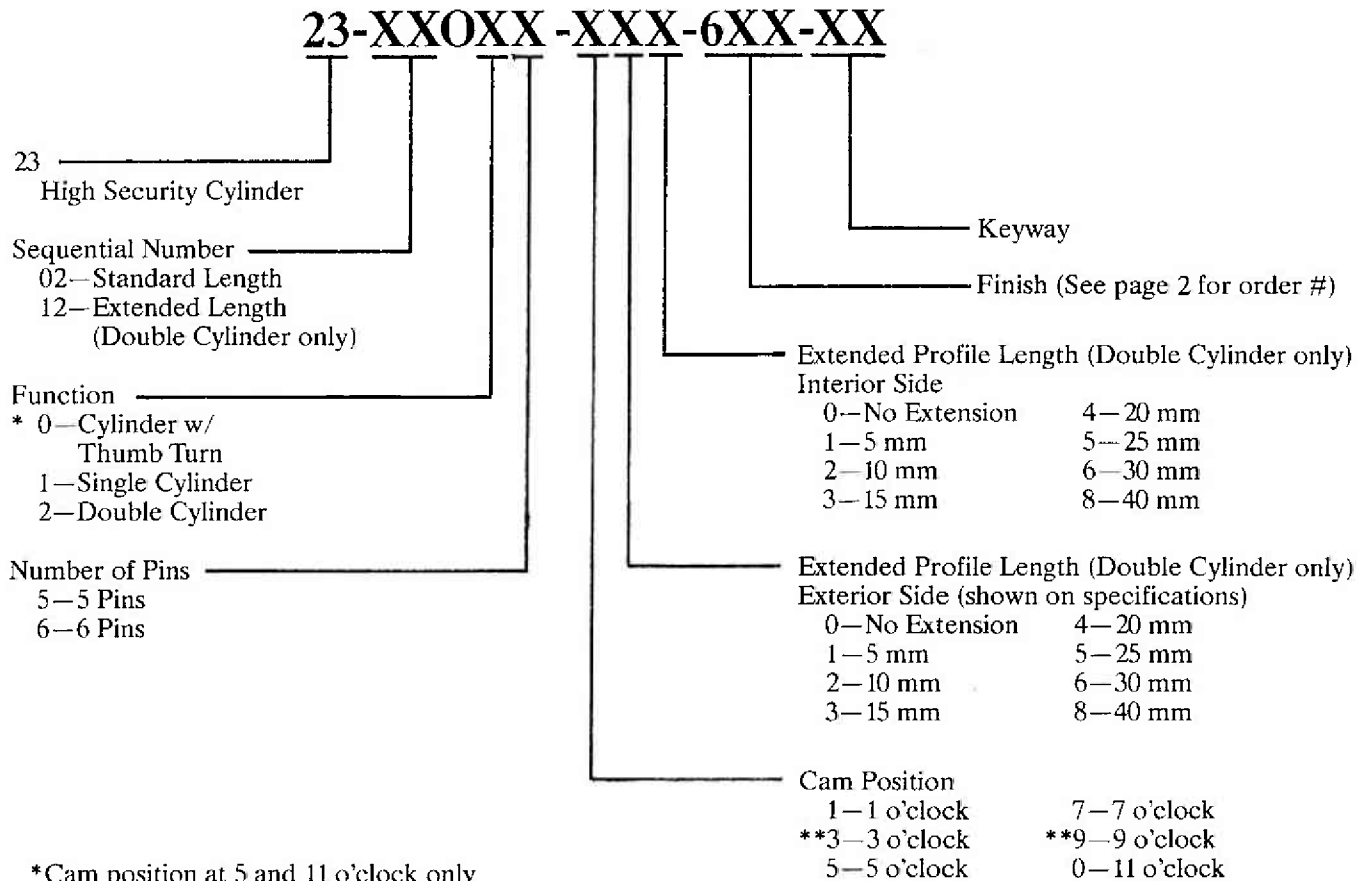
Ordering Instructions:

Catalog numbers are required for all orders. To order the correct cylinder fill in the X's in sequential order:

Examples:

23-02026-500-26-XX denotes a 6 pin double cylinder, 5 o'clock cam position

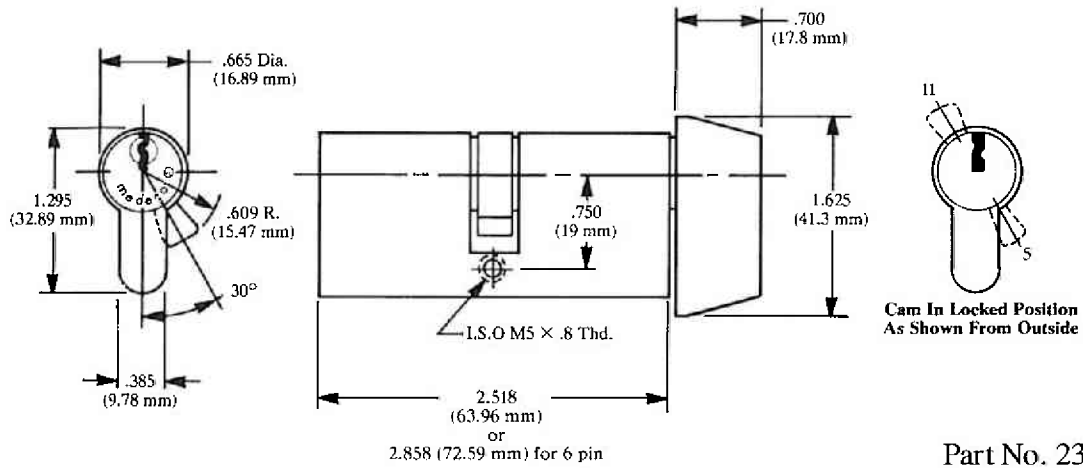
23-12025-514-26-XX(s) denotes a sub-assembled 5 pin double cylinder, 5 o'clock cam position and double-sided extended 5/20mm



*Cam position at 5 and 11 o'clock only

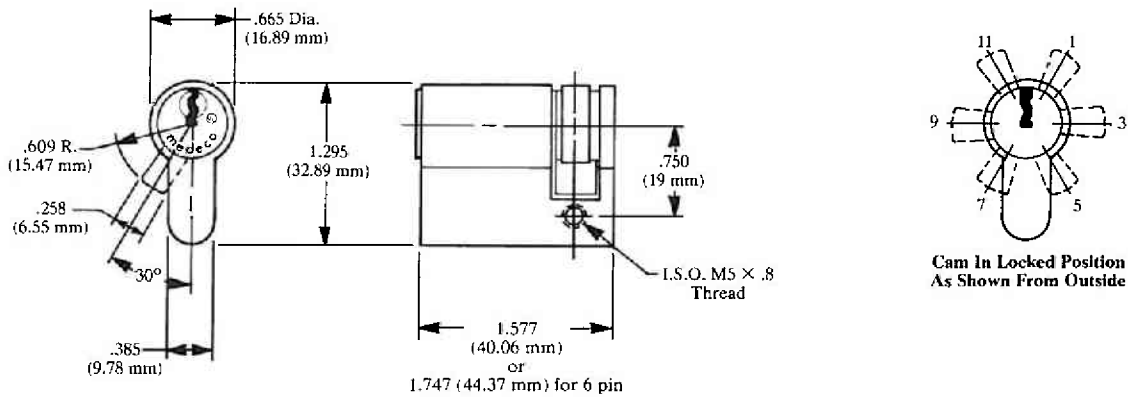
**3 & 9 o'clock positions available in Single Cylinders only.

5-pin profile cylinder with thumbturn



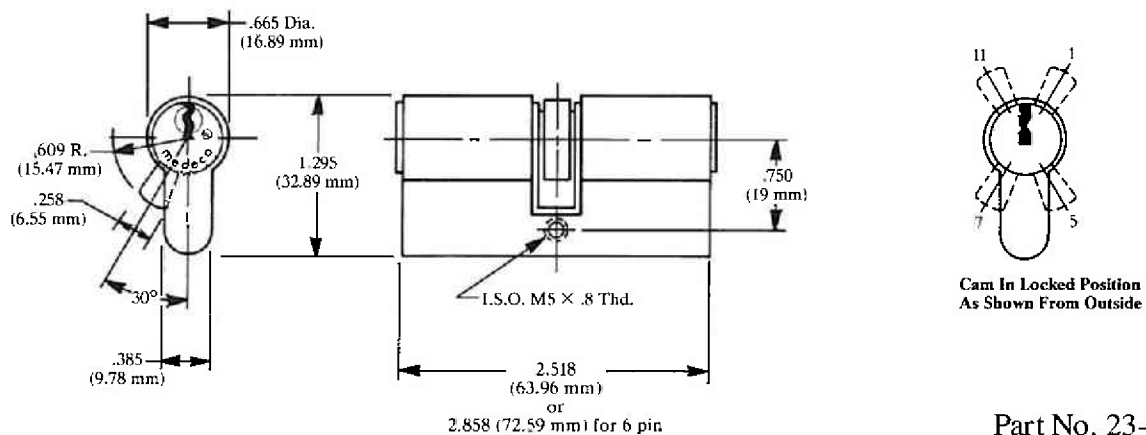
Part No. 23-02005

5-pin single profile cylinder



Part No. 23-02015

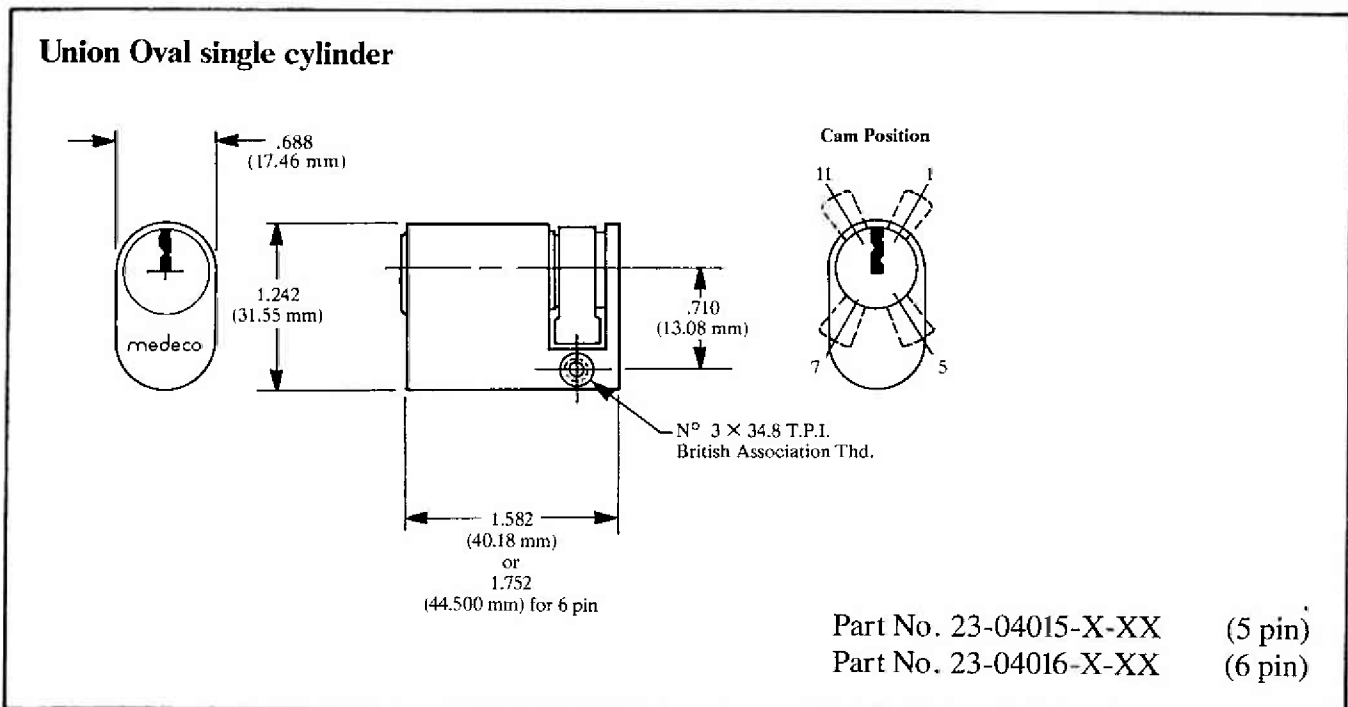
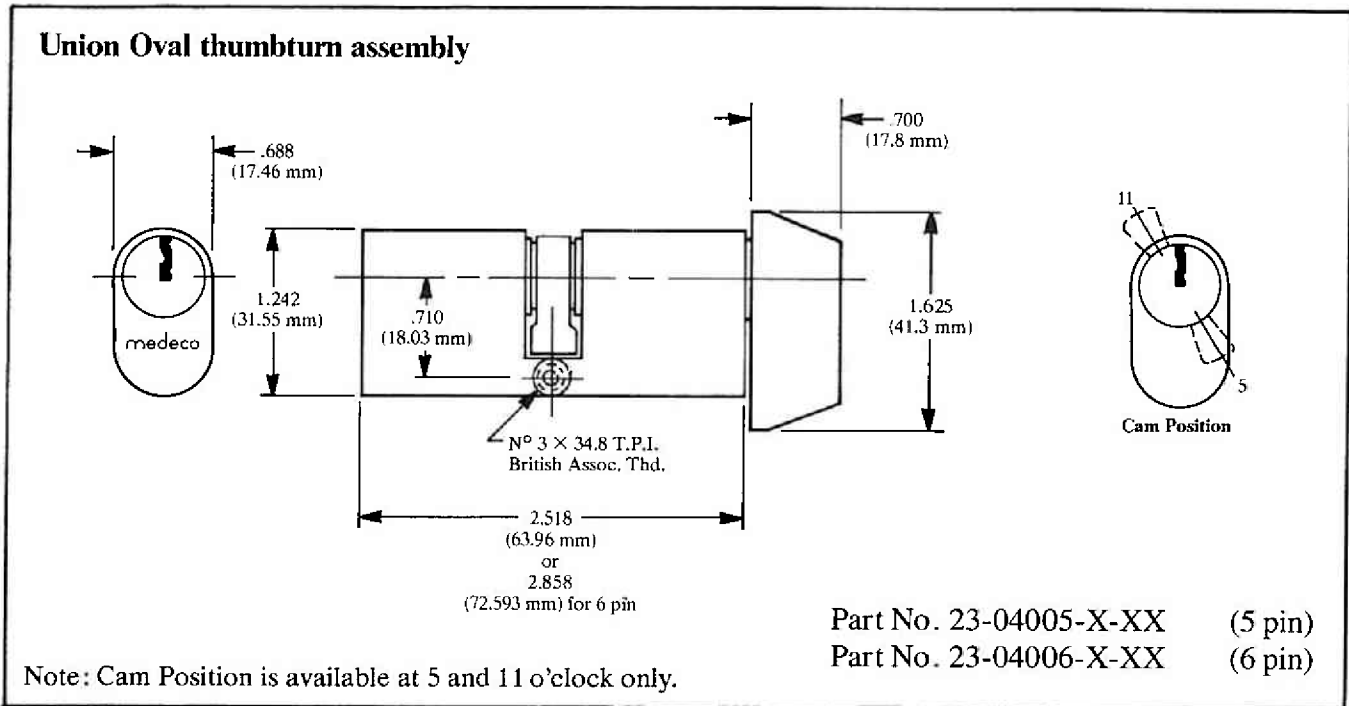
5-pin double profile cylinder

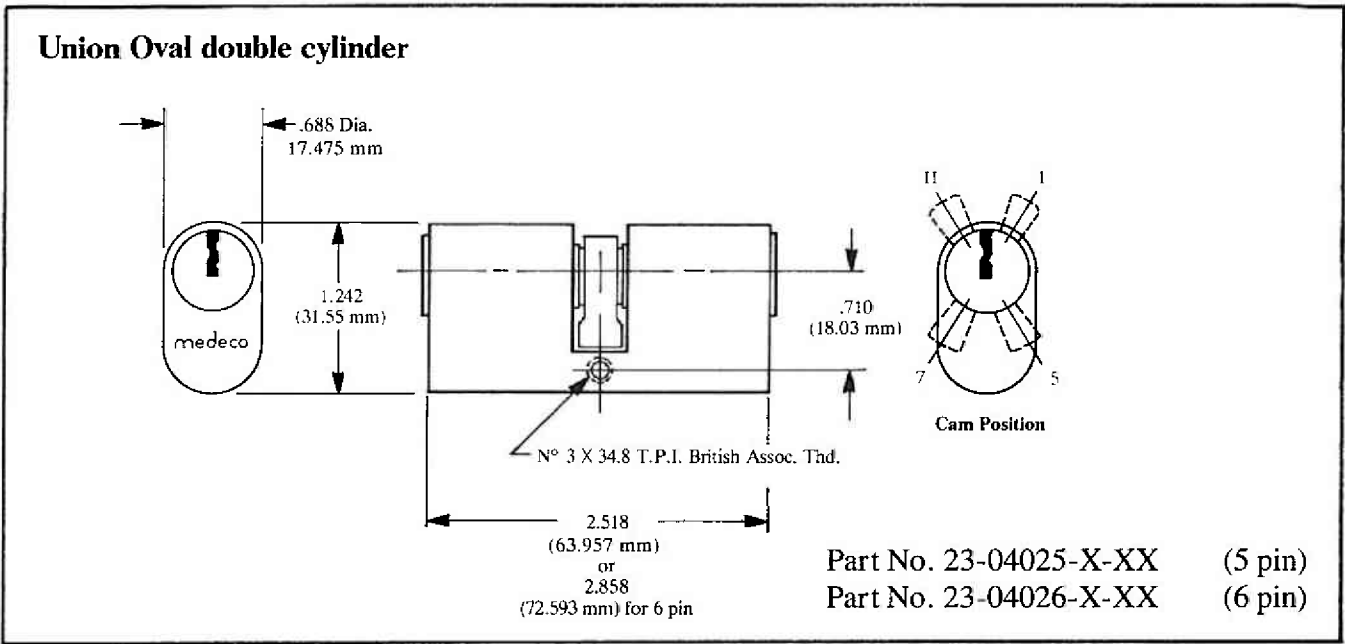


Part No. 23-02025

Union Oval (United Kingdom)

When ordering the Union Oval, please specify desired cam position by filling in the first X. Denote the 1 o'clock position by 1, 5 o'clock by 5, 7 o'clock by 7 and 11 o'clock by 0. For example, 23-04015-5-XX would be a Union Oval with the cam in the 5 o'clock position. The last two XX's signify keyway.

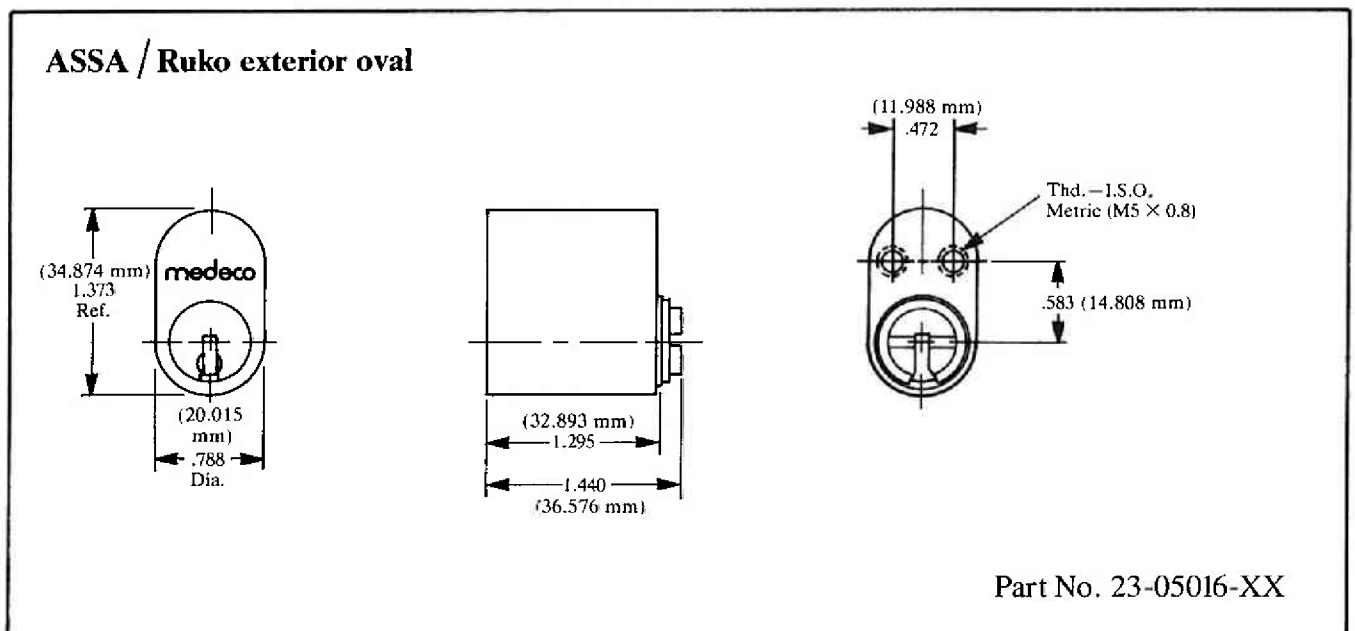


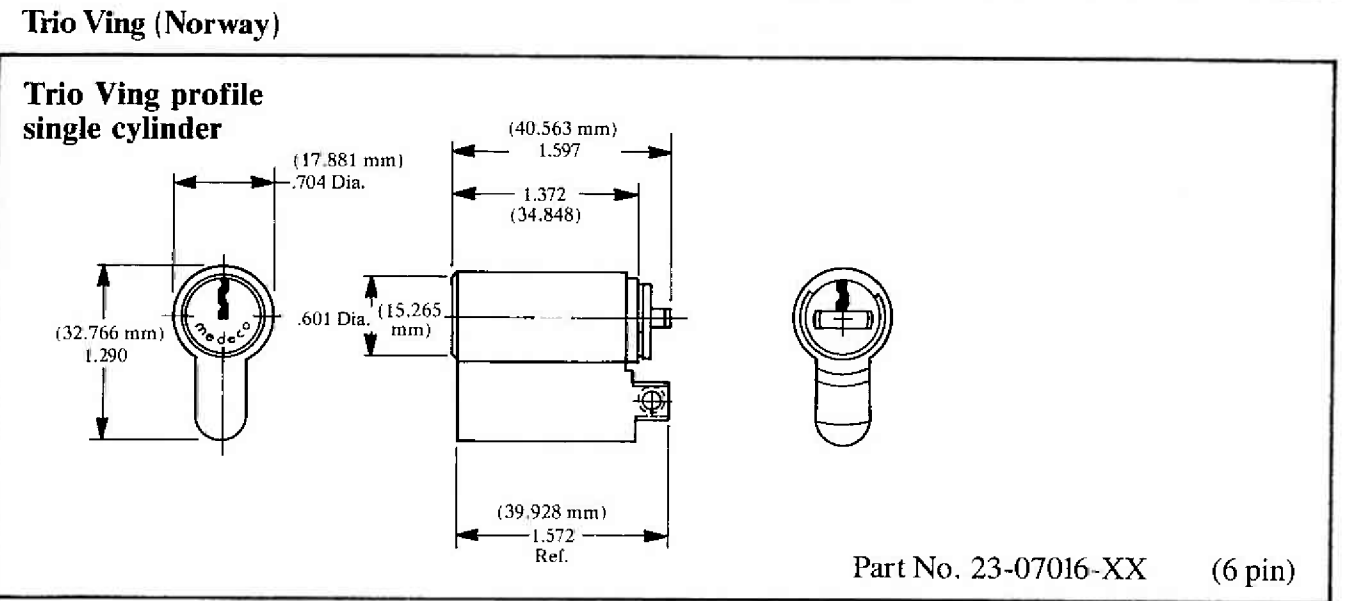
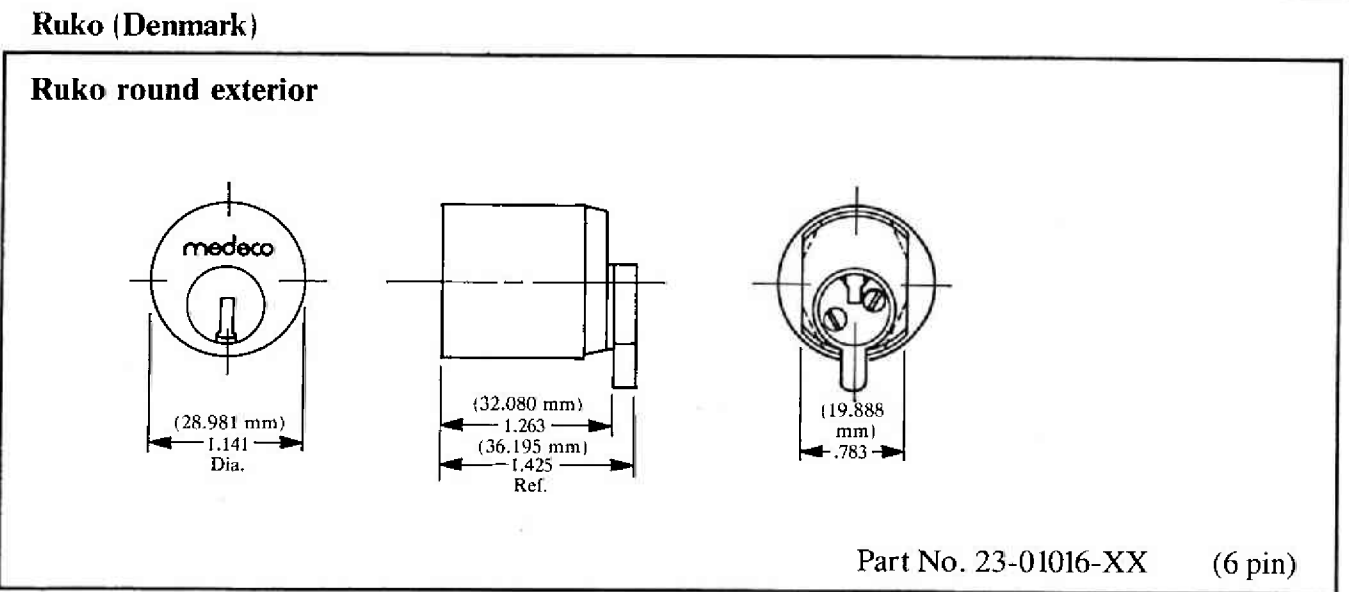
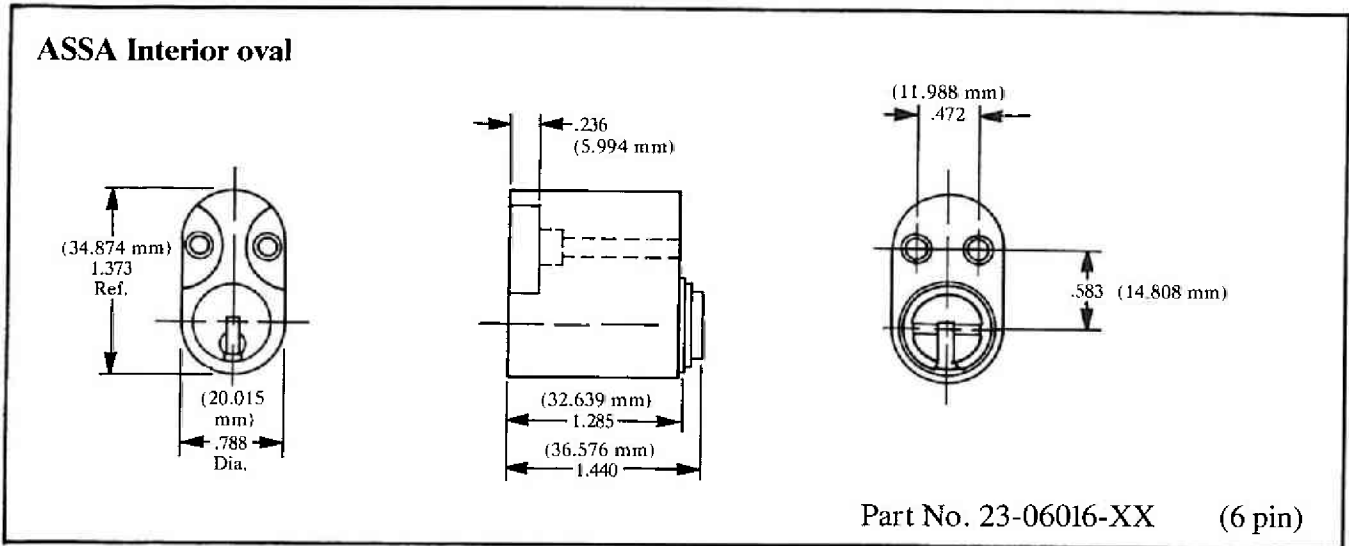


To order the following cylinders, please give order numbers specified below.

ASSA (Sweden)

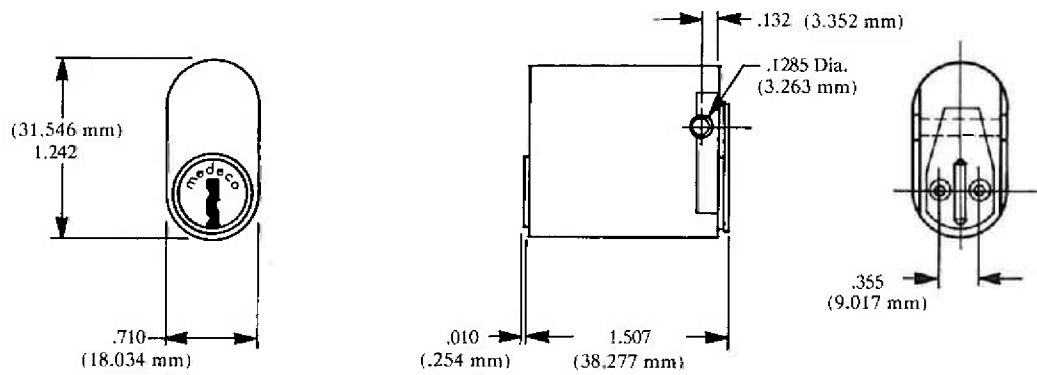
These cylinders are shipped less tailpiece and retainer cap.





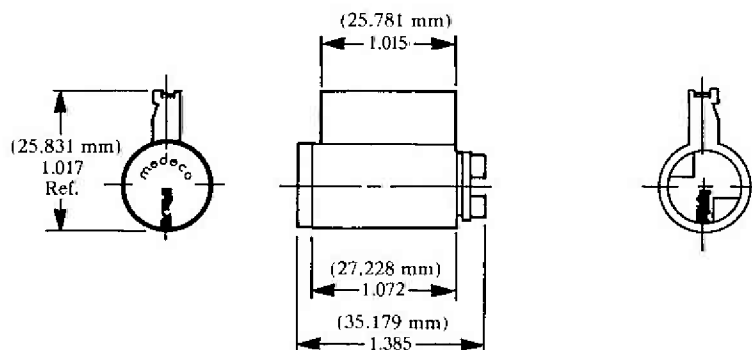
Lockwood (Australia)

Lockwood oval single cylinder



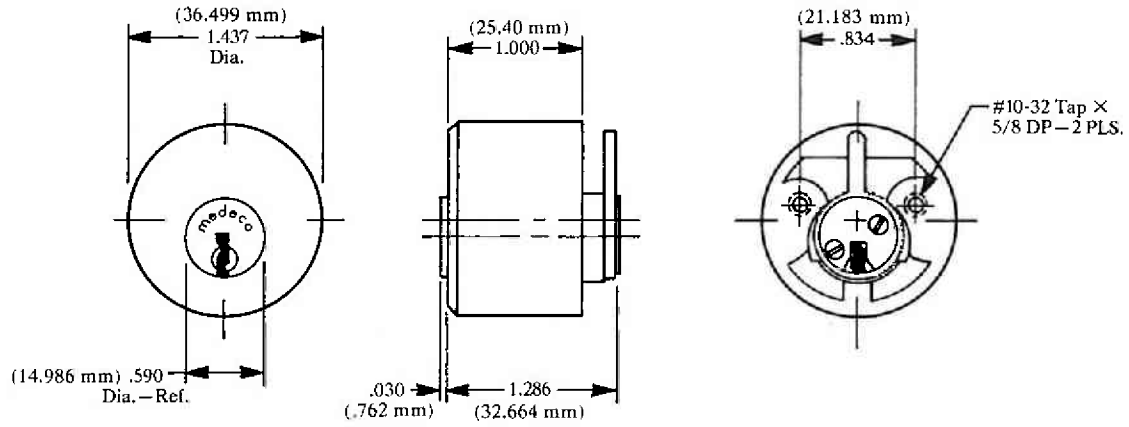
Part No. 23-03016-XX (6 pin)

Lockwood cylindrical cylinder



Part No. 20-1006-XX (5 pin)

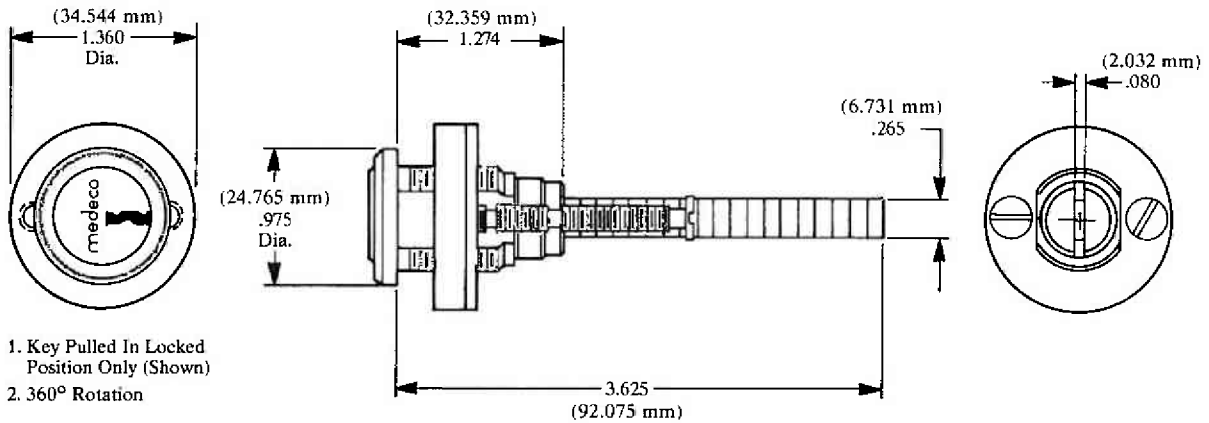
Lockwood rim interior cylinder



Part No. 10-0801-XX (5 pin)

Abloy (Finland)

Abloy rim cylinder (less collar)



1. Key Pulled In Locked Position Only (Shown)
2. 360° Rotation

Part No. 60-0653T-XX (5 pin)

Locksmith Supply

Ordering Instructions

Order from part numbers listed unless otherwise specified.

Technical Service Manual

Order #: TC-SERVIC-MAN

Includes an introduction which explains the principle of Medeco locks, their operation and service. This manual also includes drawings of standard products, listing component parts.

Tools

Staking tools:

Order from catalog number listed below:

T-7093: staking tool for 20-000 series cylinders

T-7193: staking tool for Rim and Mortise made before May, 1977 and 60-000 series cylinders.

Holding fixture:

T-7185

Code Book

Order #: CB-CODE-BOK

The Commercial Code Book is a reference book for key code numbers for all stock products. May be used to reference over 6.5 million key combinations.

Display Kits

D-11 display kit, Cat. No. 90-0005

Bodyguard display kit, Cat. No. 90-0003

Key Machines

Power Key Machine, Cat. No. 95-000-XX

Power Key Machine w/Air Feed and Compressor, Cat. No. 95-550-XX

Cutter for Power Machine, Cat. No. 95-040

Replacements parts available upon request.

Pin Kits

See attached list.

Presentation Key

Chrome plated, Cat. No. 90-000

Poxylube

6 oz. can, Cat. No. PX-POXY-LUB

Open Sided Models

Open-side Cam lock, Cat. No. 60-300CUT-XX

Open-side Rim cylinder, Cat. No. 10-0400N-CUT-XX (6 pin)

Medeco logo: wooden display

Cat. No. 90-0002

Ordering Instructions

Specify size, (S, M, L, XL), quantity, and color (black and white Tee Shirts and Jackets)

Tee Shirts

TS-TEE-SHR

Jackets

JK-JACKET

Hats

HT-HAT

Change Mats

CH-MAT

Brass Belt Buckle

BB-BUCKLE

Literature, brochures, catalogs, posters— specify and request amount

Key Blanks

Order from the number listed below.

| Standard Round Head | Part No. |
|---|----------------|
| 5-pin, 6 level | KY-105600-0000 |
| 6-pin, 6 level | KY-106600-0000 |
| 5-pin, 4 level | KY-105400-6000 |
| 5-pin, 4 level* | KY-115400-6000 |
| * (Special shoulder key for thick head locks) | |
| 4-pin, 4 level | KY-104400-6000 |
| 4-pin, 4 level* | KY-114400-6000 |
| * (Special shoulder key for thick head locks) | |
| Interchangeable Core Square Head Control Key Blanks | |
| 5-pin, 6 level | KY-125600-0001 |
| 6-pin, 6 level | KY-126600-0001 |

Note: For keys stamped "Do Not Duplicate," change the last digit of the part number to a two (2): i.e.: KY-104400-6000 changes to KY-104400-6002. This applies to all of the above key blanks.

Thumbturn Key Blanks

| (Regular) | Part No. |
|-----------------|--------------|
| 5-pin, 6 level | KY-105602-00 |
| 6-pin, 6 level | KY-106602-00 |
| 5-pin, 4 level | KY-115402-00 |
| (Captive) | |
| 5-pin, 6 level* | KY-105605-00 |
| 6-pin, 6 level | KY-106605-00 |
| 5-pin, 4 level | KY-115405-00 |

Cylinder Blank—replaces Mortise cylinder. Order by name.

Jumbo adaptor—a sleeve used to adapt the Medeco lock cylinder to the Jumbo Russwin/Corbin mortise locksets. Cat. No. 94-0010. Must be used in conjunction with an extended length cam, Cat. No. CT-Z17 (old: 40-027).

Switch Lock Tool—T-7155

Collars for Mortise and Rim cylinders:

 Raised: CP-180021

 Lowered: CP-180041

 Compression: CP-160180

Mortise and Rim Mounting Nut: CP-050120 (old: 40-159)

Spacer Assembly: adapts a 6-pin interchangeable core assembly to accept a 5-pin interchangeable core assembly. Cat. No. 94-0009.

Spanner Wrench for Rim Cylinder Tail Pieces: 90-0001

PIN KITS

| Part No. | Contents | Quantity |
|----------|--|---|
| K-1099 | Assorted Tailpieces for 10 & 20 Series Locks 9 Cams 9 Connecting Bars Screws | 18 each 18 each 36 each |
| K-1002 | Full Step Pins for 10-50 Series Locks 18 Pins (6 ea. R-L-C) 10 Drivers (8 Straight 2 Mushroom) Springs 4 Spring Covers Set Screws | 100 each 100 each 100 each 500 each 50 each 400 each |
| K-1001 | Small Version of K-1002 18 Pins (6 ea. R-L-C) 10 Drivers (8 Straight 2 Mushroom) Springs 4 Spring Covers Set Screws | 30 each 30 each 30 each 200 each 15 each 200 each |
| K-1003 | Full Step Master Pins (5) | 100 each |
| K-1004 | 1/2 Step Pins & Master Pins for 10-50 Series Locks 33 Pins (11 ea. R-L-C) 4 Spring Covers Drive Springs 6 Drivers 3 Mushroom Drivers 9 Master Wafers Set Screws | 100 each 50 each 500 each 100 each 100 each 100 each 500 each |
| K-6001 | Full Step Pins for 60 Series Locks 12 Pins (4 ea. R-L-C) Springs 1 Spring Cover | 100 each 500 each 200 each |
| K-6002 | Full Step Pins for Master Keying 60 Series Locks 630 Pins (30 ea. of 21 comb.) 300 Springs 60 Spring Covers | |
| K-6004 | 1/2 Step Pins for 60 Series Locks 15 Pins (5 ea. R-L-C) Springs 1 Spring Cover | 100 each 500 each 150 each |
| K-6005 | 1/2 Step Pins for Master Keying 60 Series Locks 1,590 Pins (30 ea. of 53 comb.) 300 Springs 60 Spring Covers Pin Kit Box Only | |
| K-6003 | 1/2 Step Pins for 60 Series Locks 21 Pins (7 ea. R-L-C) Springs 1 Spring Cover | 100 each 500 each 150 each |

PIN KITS (continued)

| Part No. | Contents | Quantity |
|----------|--|--|
| K-6099 | Cam Lock Assortment 5 each of 5 sub-assembled Cam Locks 60-0250 (5/8") 60-0950 (3/4") 60-0350 (7/8") 60-0450 (1") 60-0650 (1 3/16") 25 each of 8 washers and nuts 10 each of 12 tailcams | |
| K-7501 | Full Step Pins for 50-600 and 50-700 Padlock 18 Pins (6 ea. R-L-C) Springs 1 Spring Cover Retainer Balls Retainer Screws Locking Balls Shackle Spring Actuator Spring Caps | 50 each 900 each 150 each 2 each 2 each 6 each 2 each 2 each 2 each |
| K-7502 | 1/2 Step Pins for 50-600 and 50-700 Padlocks 33 Pins (11 ea. R-L-C) Springs 1 Spring Cover Retainer Balls Retainer Screws Locking Balls Shackle Spring Actuator Spring Caps | 50 each 1200 each 300 each 2 each 2 each 6 each 2 each 2 each 2 each |
| K-7503 | Full Step Master Pins for 50-600 and 50-700 Padlock 2250 Pins (50 ea. of 45 comb.) 1800 Springs 300 Spring Covers | |

Dimension Conversion Tables

| MILLIMETER EQUIVALENTS | | | | |
|------------------------|---------------|----------------|----------------|-----------------|
| mm = Inches | mm = Inches | mm = Inches | mm = Inches | mm = Inches |
| .1 = .00394 | 15. = .59055 | 37. = 1.45669 | 58. = 2.28346 | 79. = 3.11023 |
| .2 = .00787 | 16. = .62992 | 38. = 1.49606 | 59. = 2.32283 | 80. = 3.14960 |
| .3 = .01181 | 17. = .66929 | 38.1 = 1.5 in. | 60. = 2.36220 | 81. = 3.18897 |
| .4 = .01575 | 18. = .70866 | 39. = 1.53543 | 61. = 2.40157 | 82. = 3.22834 |
| .5 = .01968 | 19. = .74803 | 40. = 1.57480 | 62. = 2.44094 | 83. = 3.26771 |
| .6 = .02362 | 20. = .78740 | 41. = 1.61417 | 63. = 2.48031 | 84. = 3.30708 |
| .7 = .02756 | 21. = .82677 | 42. = 1.65354 | 63.5 = 2.5 in. | 85. = 3.34645 |
| .8 = .03149 | 22. = .86614 | 43. = 1.69291 | 64. = 2.51968 | 86. = 3.38582 |
| .9 = .03543 | 23. = .90551 | 44. = 1.73228 | 65. = 2.55905 | 87. = 3.42519 |
| 1. = .03937 | 24. = .94488 | 45. = 1.77165 | 66. = 2.59842 | 88. = 3.46456 |
| 2. = .07874 | 25. = .98425 | 46. = 1.81102 | 67. = 2.63779 | 88.9 = 3.5 in. |
| 3. = .11811 | 25.4 = 1. in. | 47. = 1.85039 | 68. = 2.67716 | 89. = 3.50393 |
| 4. = .15748 | 26. = 1.02362 | 48. = 1.88976 | 69. = 2.71653 | 90. = 3.54330 |
| 5. = .19685 | 27. = 1.06299 | 49. = 1.92913 | 70. = 2.75590 | 91. = 3.58267 |
| 6. = .23622 | 28. = 1.10236 | 50. = 1.96850 | 71. = 2.79527 | 92. = 3.62204 |
| 7. = .27559 | 29. = 1.14173 | 50.8 = 2. in. | 72. = 2.83464 | 93. = 3.66141 |
| 8. = .31496 | 30. = 1.18110 | 51. = 2.00787 | 73. = 2.87401 | 94. = 3.70078 |
| 9. = .35433 | 31. = 1.22047 | 52. = 2.04724 | 74. = 2.91338 | 95. = 3.74015 |
| 10. = .39370 | 32. = 1.25984 | 53. = 2.08661 | 75. = 2.95275 | 96. = 3.77952 |
| 11. = .43307 | 33. = 1.29921 | 54. = 2.12598 | 76. = 2.99212 | 97. = 3.81889 |
| 12. = .47244 | 34. = 1.33858 | 55. = 2.16535 | 76.2 = 3. in. | 98. = 3.85826 |
| 12.7 = .5 in. | 35. = 1.37795 | 56. = 2.20472 | 77. = 3.03149 | 99. = 3.89763 |
| 13. = .51181 | 36. = 1.41732 | 57. = 2.24409 | 78. = 3.07086 | 100. = 3.93700 |
| 14. = .55118 | | | | 101.6 = 4.00000 |

* To convert inches to millimeters, divide the inches by .03937

| FRACTIONS OF ONE INCH AND DECIMAL EQUIVALENTS | | | | | |
|---|-------------|------|-------------|------|-------------|
| 1 | 1.0000 | 5/8 | .6250 | 1/4 | .2500 |
| | 63/64 .9844 | | 39/64 .6094 | | 15/64 .2344 |
| | 31/32 .9688 | | 19/32 .5938 | | 7/32 .2188 |
| | 61/64 .9531 | | 37/64 .5781 | | 13/64 .2031 |
| | 15/16 .9375 | 9/16 | .5625 | 3/16 | .1875 |
| | 59/64 .9219 | | 35/64 .5469 | | 11/64 .1719 |
| | 29/32 .9063 | | 17/32 .5313 | 5/32 | .1563 |
| | 57/64 .8906 | | 33/64 .5156 | | 9/64 .1406 |
| 7/8 | .8750 | 1/2 | .5000 | 1/8 | .1250 |
| | 55/64 .8594 | | 31/64 .4844 | | 7/64 .1094 |
| | 27/32 .8438 | | 15/32 .4688 | 3/32 | .0938 |
| | 53/64 .8281 | | 29/64 .4531 | | 5/64 .0781 |
| | 13/16 .8125 | 7/16 | .4375 | 1/16 | .0625 |
| | 51/64 .7969 | | 27/64 .4219 | | 3/64 .0469 |
| | 25/32 .7813 | | 13/32 .4063 | 1/32 | .0313 |
| | 49/64 .7656 | | 25/64 .3906 | | 1/64 .0156 |
| 3/4 | .7500 | 3/8 | .3750 | | |
| | 47/64 .7344 | | 23/64 .3594 | | |
| | 23/32 .7188 | | 11/32 .3438 | | |
| | 45/64 .7031 | | 21/64 .3281 | | |
| | 11/16 .6875 | 5/16 | .3125 | | |
| | 43/64 .6719 | | 19/64 .2969 | | |
| | 21/32 .6563 | | 9/32 .2813 | | |
| | 41/64 .6406 | | 17/64 .2656 | | |