



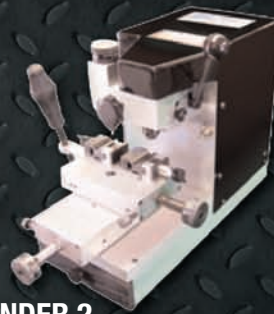
## ***Precision Key Cutting Machines***



**JD-12**



**DBM-1**



**SIDEWINDER 2**



**KX-1**



**SIDEWINDER**



**EXPRESS**



**FRAMON #2**



**FRA-2001**



**MD-1**



**TKM-100**



**DC-300**

***KEY MACHINES • TOOLS • ACCESSORIES***





# FRAMON MANUFACTURING COMPANY

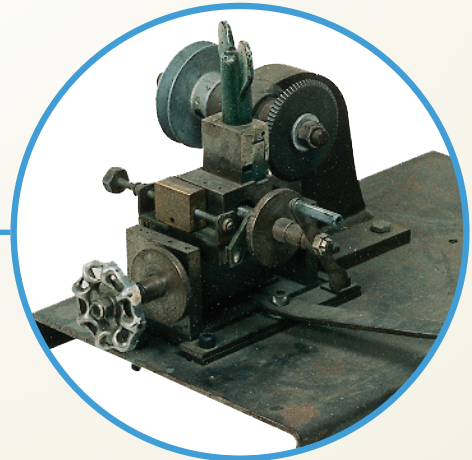
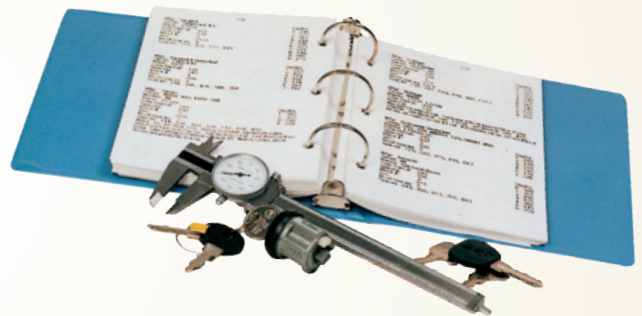
## HOW IT ALL STARTED...

Frank Agius began practicing locksmithing in 1959. He became frustrated with the unpredictable nature of key making devices of the time, and designed a code machine for his own use. Accurate to one-half thousandth of an inch (.0005"), the machine could cut depths ranging from .115" to .400" and accommodate practically any cylinder key. The only problem now was determining the manufacturers' depth and space information.

Frank sent out requests to most of the lock manufacturers for this information. Only one reply was sent back, and it explained that information on depths & spaces was not available. With that, Frank sat down at the family's kitchen table armed with a set of dial calipers and began to decipher everything he could about various locks. Many nights were spent determining the spaces and depths of keys. Today, almost every manufacturer releases this information on request.

About this same time, word of Frank's invention found it's way to a few other locksmiths who were interested in the new machine. The first machine was sold to Ed Phillips in Albany, NY.

Frank passed away in May of 2003 and left the company on to his daughter & sons. In addition to the manufacturing company, the family also operates a full time lock shop. Frank's Key & Lock Shop serves as the testing grounds for any new Framon key machine ([www.frankskeyandlock.com](http://www.frankskeyandlock.com)).





# THE FRAMON PRODUCT LINE

## ABOUT OUR CATALOG

Framon Manufacturing Company began producing key machines for the locksmith profession in 1971. For years our exclusive focus was on key machines for that trade. With the advent of the DC- 300 in 1988, we began to produce key machines for the automotive market as well. Retail locations are also a frequent user of our duplication equipment. In order to help you decide on which machine may be right for your application, each machine will carry the following icons:



**Automotive Application**  
such as an automotive dealer



**Hardware Store/  
Retail Application**







**Locksmith Shop/  
Mobile Service**



**Special  
Application**

Why buy a Framon? ..... 4-5











### CODE MACHINES

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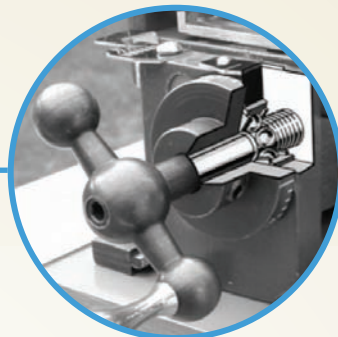
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# WHY BUY A FRAMON?

## OUR PRODUCTS ARE BUILT TO LAST!

All journals are mounted on ball bearings for accuracy and durability. These features are the trademark of Framon Mfg. Co.... We feel that only precise equipment will produce precise work.



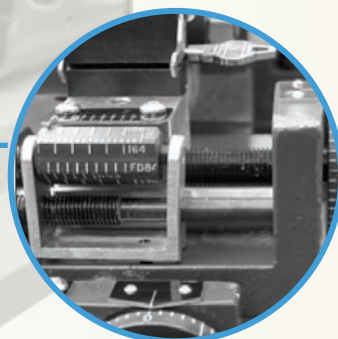
## FRAMON KEY MACHINES ARE A GREAT EXAMPLE OF PRIDE OF WORKMANSHIP!

Our machines are built from steel and aluminum. Each machine is hand-fitted and thoroughly tested before shipment. Sealed ball bearings are used throughout the machine for long life and durability. Other machines use small gears, bushings, and plastic in their build. Framon machines are perfectly happy in the shop or in the van. A bumpy ride in a service van, extremely hot or cold climates won't affect the accuracy of the machine.



## CLOSE TOLERANCES MAKE FOR PRECISE CUTS!

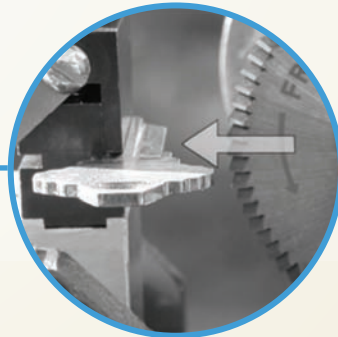
The Framon #2 is accurate to .0005" (one-half thousandth, about the thickness of a piece of hair) in both spacing and depth. What are the spacing and depth tolerances of the other machines you are considering? Do they publish tolerances, or just say "It's accurate!"?



## NO ROOM FOR MAKING MISTAKES!

The Framon #2 features a straight in feed. This means that the key always approaches the cutter at a 90° angle, and the cut depth on both sides of the cut are the same. Other machines use a pivoting feed, similar to most duplicating machines. The end result? Shallow and deep cuts typically have a "high" and a "low" side. This can lead to keys that turn the lock in one direction but not the other.

*Our cutters are made of hardened steel or carbide and ground to tolerances of plus or minus one-half thousandths of an inch.*



*"I operate three mobile vans and have three Framons on them. Two of them are #2's and the other is a #1 (DC). As you can probably guess I wouldn't be without these machines. I have called Phil on several occasions to ask questions or order replacement cutters and he has always been extremely helpful. When I find someone who gives excellent service I very much appreciate it."*  
Ed Humes Locksmith Service Inc.

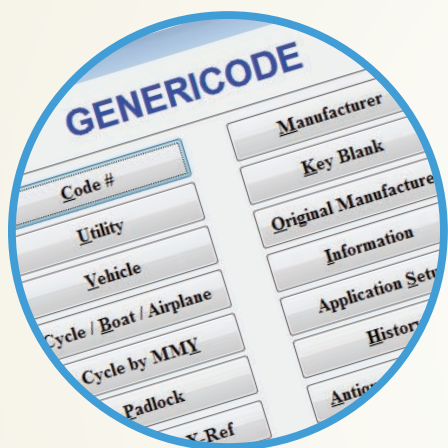




# WHAT ELSE CAN YOU EXPECT?

## JUST ASK US!

What kind of customer service can I expect? One of the most important factors in your decision should be support after the sale. At Framon, key machines aren't our only business. We also run a full-service locksmith shop, just like you. When you call with questions on your machine you're not just talking to one of the folks that make the machine, we're also locksmiths. We know all about the things you run into from day to day. The person that answers the phone can usually help you out or quickly or transfer you to someone who can.



## GREAT SOFTWARE, AN INVALUABLE RESOURCE

Our Genericode program is known throughout the industry as one of the most comprehensive code programs available. Whether you are a locksmith or automotive dealer, Genericode makes the job of looking up key codes and cutting keys easier than ever. Gcode includes sixteen "programs within a program", allowing you to look up cuts by key code, key blank, and a variety of other ways. Know the cuts (or just a few) but not the code number? Use Gcode's progression program to determine the key code or show a progression list. Gcode will send cutting information to the ITL 950, 9000, Framon FRA-2001, and Laser Key Products Xtreme machines.

## WE STAND BEHIND OUR PRODUCTS!

What type of warranty is included with the machine? If you want to know how confident a manufacturer is in their product, take a look at their warranty. Framon machines carry a one year parts, labor and freight warranty. Any Framon machine found defective in the first year is picked up at your door, repaired or replaced, and dropped off at your door absolutely free! With others, you will most likely pay the freight to get the machine back, and then you can take a number and wait for the repairs to be done. If your machine needs attention after the warranty has expired, it comes in one day and goes out the next. We build an excellent product and back it with a superior warranty. It's easy to do, since repairs are a rarity at Framon!

*"Dear Phil, Thank you very much for the new depth and space manual you sent me. I have a very small shop, and most of the time I get the run around from the other companies. I, like you, think people are important. Framon is one of the few companies that put people and the customer first. I have never had a company respond the way Framon did. My little request was just as important as a big order. Once again, thank you so very much. My #2 arrived in perfect condition, and being a machinist myself was adjusted perfect, right on the numbers." Scott R. Meister, Scott's Lock & Key Shop*



# FRAMON #2™ MANUAL CODE MACHINE



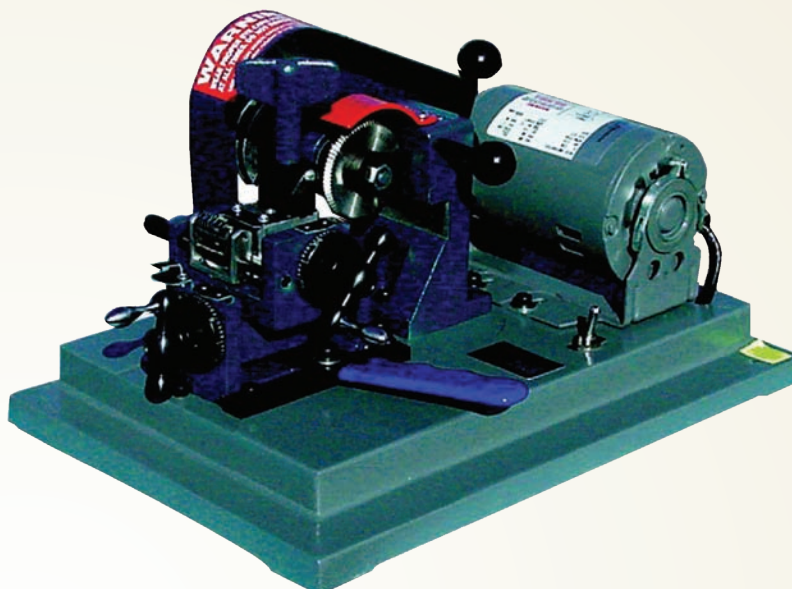
RECOGNIZED THROUGHOUT THE INDUSTRY AS THE MOST ACCURATE  
& DURABLE CODE MACHINE AVAILABLE

"This is more than a key machine - it is a key origination system"  
National Locksmith Article

That alone is probably the best way to describe the Framon #2 Code Machine. When you choose the #2, you enable yourself to originate almost any cylinder key in use today. Here are just a few of the keys you'll be able to cut with the #2:

- Standard Cylinder
  - Domestic Automotive
  - Foreign Automotive
  - Motorcycle Keys
  - Padlock Keys
  - Letterbox Keys
  - Safety Deposit Box Keys
  - Interchangeable Core
  - High Security Keys
  - Tibbe 6 & 8 Wafer Keys
- (with optional vise & cutter assembly)

**FREE**  
Full Version of  
Genericode ME  
when you purchase  
a #2 Code  
Machine!



## POSSIBLY THE MOST PERFECT CODE MACHINE EVER CREATED...

All of the extras included with the Framon #2 make it a great package. Here are a few of the features that make it a perfect code machine:

**Accuracy:** All Framon key machines are hand assembled and hand fit. This ensures that before your machine reaches you, it has originated keys accurate to one-half thousandth of an inch (.0005", about the thickness of a hair). This tolerance assures a perfect key every time!

**Straight-In Feed:** The #2 utilizes a straight-in feed approach. The straight-in feed of the #2 provides a perpendicular cut at the root of the key. The flat of the cut will always be the same depth from the left side of the cut to the right. Machines that use a pivot approach can produce keys that turn one way but not the other. The drawing at the right shows the profile of a key cut by a machine that pivots. The different shear lines from the left to the right side of the key lead to the turning problem.



**Rugged & Durable:** The #2 is made from heat treated aluminum and steel. The carriage moves forward on a pair of steel slides. Spacing and depth movements take place on pairs of steel pins and screws. There are no small gears to strip out and no plastic parts to wear out. We've heard plenty of stories from code machine owners who have dropped the machine off of their workbench and cut a key with no adjustments needed!

## THE REAL BEAUTY OF THE MACHINE IS ITS LOW COST...

In addition to being less expensive than almost any other code machine, the year-to-year cost of keeping your machine up to date is also lower than any others: zero! Because the #2 utilizes manufacturers' depths & spaces to originate keys, all you need to do is copy new information into your book (blank pages provided). This information can be obtained in a variety of ways; the easiest is directly from the various trade magazines. You can also visit the Framon website at [www.framon.com](http://www.framon.com) to find updated depth & space information as it becomes available.

FRAMON #1/#2/#2J  
Available with 110V AC or  
12V DC Motor - no upcharge  
220V Motor Available at Extra Charge  
Dimensions: 10 1/2" W x 17" D x 8" H  
Weight: 36 lbs.  
See page 27 for optional cutters  
See page 26 for optional accessories





## CUTTING KEYS BY MEASUREMENT ... UNEQUALLED ACCURACY & SIMPLE TO DO

The #2 utilizes actual space & depth information to cut keys. Here's how it's done...

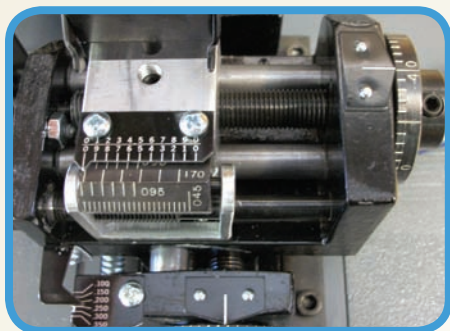


Figure #1

### SPACING:

To cut a key, you need two dimensions: starting cut (distance from the shoulder to the first cut) and spacing (distance between cuts thereafter), both found in the Depth & Space Manual or in your Genericcode program. Schlage cylinder keys use .231" starting cut and .156" spacing. Starting cut is set by zeroing the machine and counting out to .231". Once set, the spacing block with .156" is aligned. Cut to cut spacing is a simple matter of aligning two index marks. Depth movements take place on pairs of steel pins and screws. There are no small gears to strip out and no plastic parts to wear out.

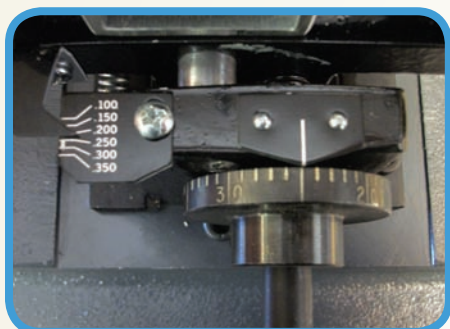


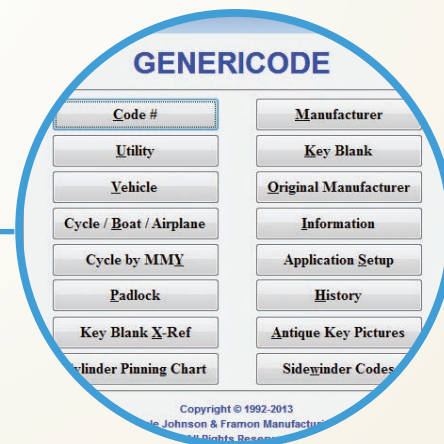
Figure #2

### DEPTH:

Depth settings are made in .001" increments by means of a micrometer. As shown at the left, reading a micrometer is quite simple. Figure #2 shows a micrometer reading .225". The scale shows the pointer is between .200" and .250". The dial reads .025"; add .025" to .200" and you have .225". The micrometer depth reading is what gives the #2 its' extreme accuracy. Once familiar with the machine, you'll be code cutting keys in 30-45 seconds.

The Framon Depth & Space Manual is the core of the Framon #2. The keys mentioned above are only a portion of those that you will have the capability to cut. Key cutting information can also be found in Genericcode, which you will receive after purchasing your #2 Code Machine.

The manual contains over 800 cylinder, letterbox and safety deposit charts.





# FRAMON #2™ MANUAL CODE MACHINE

## EVERYTHING YOU NEED IN ONE PACKAGE...

At Framon, we don't believe in a lot of optional equipment. Here is everything you get when you buy a #1, #2 or #2J Code Machine

### STANDARD ON ALL FRAMON #1, #2 & #2J MACHINES

|         |                      |         |                  |
|---------|----------------------|---------|------------------|
| F2MS350 | Depth & Space Manual | F2MSSB1 | #1 Spacing Block |
| F2MS451 | 6" Dial Caliper      | F2MSSB2 | #2 Spacing Block |
| FC8445  | Standard Cutter      | F2MSSB3 | #3 Spacing Block |
| F2MS552 | Spacing Clip         | F2MSSB4 | #4 Spacing Block |
| DCMS410 | Brass Shim           | F2MSSB5 | #5 Spacing Block |
| F2MS402 | 1/8" Allen Wrench    | F2MSSB6 | #6 Spacing Block |

### FRAMON #2J ADDITIONAL PARTS

|               |                     |
|---------------|---------------------|
| F2SH11J/12J   | Jail Vise           |
| F2SH13J/14J   | Large & Small Stops |
| DBC1103 .103" | Carbide Slotter     |
| FC9063        | Mogul Cutter        |
| F2SH155       | Handle Extension    |

### FRAMON #1 & #2 ADDITIONAL PARTS

|         |                     |
|---------|---------------------|
| FC8735  | Foreign Auto Cutter |
| FFS1045 | .045" HSS Slotter   |

### FRAMON #2 ONLY

|        |                      |
|--------|----------------------|
| FC8615 | Medeco/Emhart Cutter |
|--------|----------------------|



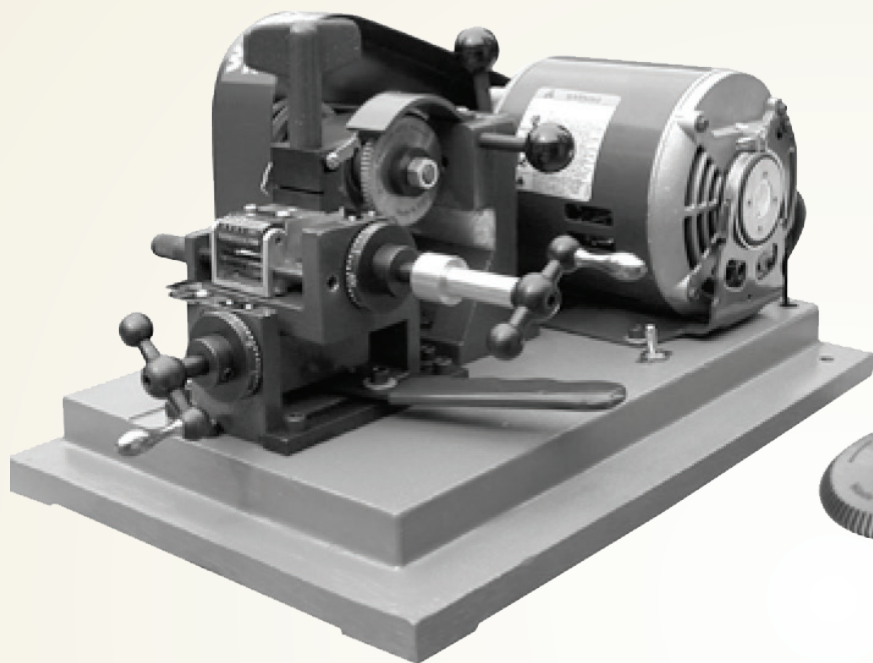


# FRAMON #2™

# MANUAL CODE MACHINE

## FRAMON #2J DETENTION CODE MACHINE

THE RENOWNED #2 CODE MACHINE MODIFIED FOR DETENTION USE...



### *Accessories for Framon #2J*



The Framon #2J packs all of the features and benefits of the Framon #2, and adds everything you need to cut Folger Adam, Mogul, Southern Steel, and Adtec keys. A special vise is included with the machine to clamp the larger keys. An extension is added to the spacing crank to avoid interference with the head of these larger keys. In addition to cutting all of the detention keys, the #2J can still be used to cut almost any cylinder key you'll come across. If detention key cutting is your line of work, the #2J is your machine!

## FRAMON #1 MANUAL CODE MACHINE

THE MACHINE THAT STARTED IT ALL...

The Framon #1 is the predecessor of the #2. The #1 has a fixed spindle instead of a tilting version. If you're just getting started and don't plan on cutting Medeco or Emhart keys, the #1 is the ideal machine. It can originate almost any cylinder key in use today except, of course, Medeco or Emhart. If your plans change about cutting angled keys after you have the #1, a conversion kit is available for Medeco and Emhart keys.



# SIDEWINDER 2 CODE MACHINE/DUPPLICATOR



## ORIGINATE AND DUPLICATE HIGH SECURITY AUTOMOTIVE KEYS...

Framon's Sidewinder 2 takes the original Sidewinder one step further, allowing you to originate high security keys as well as duplicate.

**NEW!**

## **FREE** Genericode ME Software

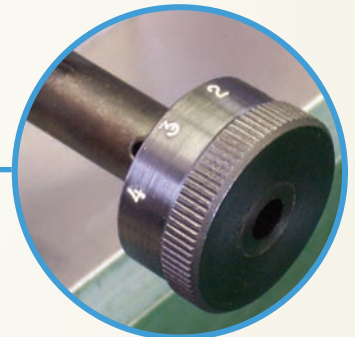
### DUPLICATES ALMOST ANY HIGH SECURITY AUTOMOTIVE KEY IN USE TODAY...

The Sidewinder 2 includes everything needed to duplicate just about any high security key in use today. Two sets of vises, seven cutters and three guides are included at time of purchase. With the Sidewinder 2 you'll be able to duplicate Mercedes, BMW, Lexus, Infiniti, Kia, Hyundai, Chevrolet, Pontiac, Volvo and Saab just to name a few.



### CODE CUTTING MADE EASY

Out of the box the Sidewinder 2 can originate Honda, Volkswagen, Audi, Hyundai and Kia 4 Track, and Lexus Long & Short keys. Depth and space "rods" are furnished with the machine. The rods operate similar to cams to position the carriage properly for each cut needed. Changing the machine from a duplicator to a code machine takes about one minute. Depth & space rods are available for almost all high security keys in use today. The rods screw into the machine & reach a positive stop for proper alignment each time without the need for adjustment. Once the rods are in place, the user simply tightens the lock screws and the machine is ready to code cut.



### SETUP KEYS

Each pair of code rods is accompanied by a "setup key". This key helps the user to properly set the depth of cut. The setup key is also used to prepare a blank for code cutting. The user actually duplicates all shallow cuts on to their blank as well as the tip cuts. Once the blank is prepped, code cutting can take place.

### GENERICODE ME INCLUDED

A coupon for a full version of Genericode ME is included with the Sidewinder 2. The new owner can fax or mail in the form for the free program. Programs are shipped within one week of validation of purchase. See page 16 for more details.

### **SIDEWINDER 2**

Available with 110V AC Motor  
220V Motor Available at Extra Charge

Dimensions: 6" W x 14" D x 10" H

Weight: 33 lbs.

See page 24 for optional cutters  
& accessories





# DC-300™ DUPLICATING CODE MACHINE



## COMBINES EXTREME ACCURACY AND EASE OF USE

Tired of mis-cut keys due to outdated equipment? The DC-300 combines extreme accuracy (one-half thousandth of an inch) with a simple space key and depth cam system. The DC-300 can both code cut keys as well as duplicate, saving money by utilizing one machine to do both jobs.

### EASY TO USE

To code cut keys on the DC-300, insert the proper space key and depth cam into the machine. Turn the depth cam to the proper depth, line up the space key with the proper space position, and push the carriage forward to make the cut. Repeat this procedure for the rest of the cuts on the key. Keys can be code cut in less than 30 seconds.

### DUPLICATION IS EVEN EASIER

Turn the depth cam to any number 1 depth on any cam. Insert the original and blank key, and push the carriage forward to make each cut. Duplication takes less than 20 seconds. The DC-300 also features a deburring brush, available in wire or nylon.

### SAVES MONEY

Since the DC-300 can both duplicate and code cut, there is no need for two machines. Both tasks are easily done on one machine!

### HIGHLY ACCURATE

The DC-300 is precision engineered, and is constructed of steel and aluminum. The machine rarely needs to be adjusted, and holds tolerances of .0005". Sealed ball bearings are used throughout the machine, ensuring years of use. The only maintenance required on the DC-300 is a regular cleaning and few drops of lubricant on the slide rod and depth plunger.

### EASILY UPDATEABLE

As new code series are introduced, the DC-300 can be easily updated. In most cases, only a space key is required. Occasionally, a new depth cam will be needed as well. Pair the DC-300 with our Genericcode ME software on page 16 for the ultimate in key cutting ease!



## DC-300 DEPTH CAM & SPACE KEY KITS

### AUTOMOBILE KITS

| PART NO. | MFGR                      | CAMS       | KEYS  |
|----------|---------------------------|------------|---|
| DCCHR02  | Chrysler/Dodge/Jeep/Eagle | 100,200    | 10,11,11A,11B,11M,14,14A,71<br>72,198,243,251,270                         |
| DCFRD01  | Ford                      | 1,3        | 12,13,13A,13C,125A,131A   |
| DCGMK05  | GM/Geo                    | 100,200    | 14,14A,14D,14E,14K,59,154,179<br>198,250,251,255,280,301<br>14A,90,99,242 |
| DCHNA02  | Acura/Honda               | 3,6,11     | 108,108B,108F,198,239   |
| DCHYD02  | Hyundai                   | 100,200    | 14A,14E,90,179,198,242  |
| DCISZ01  | Isuzu                     | 100,200,11 | 108B,108F,260,261,262,263   |
| DCKIA05  | Kia                       | 100,200    | 12,13,13C,125,131A  |
| DCMAZ01  | Mazda                     | 1,3        | 14A,108,198,239,251,270   |
| DCMIT02  | Mitsubishi                | 100,200    | 13,13C,66,66A   |
| DCNIS01  | Nissan                    | 1          | 11A,14E,14K,280   |
| DCSAT04  | Saturn                    | 100,200    | 64,66,66A   |
| DCSUB01  | Subaru                    | 1          | 14A,14E,14K,198,250,251,265,280   |
| DCSUZ05  | Suzuki                    | 100,200    | 14A193,198,205,207,250,255  |
| DCTOY02  | Toyota                    | 100,200,2  |   |

### MOTORCYCLE KITS

| PART NO. | MFGR            | CAMS      | KEYS                                       |
|----------|-----------------|-----------|--|
| DCHAR02  | Harley Davidson | 1,3,5,6,7 | 603,609,611,612,613,620,<br>625,633,634    |
| DCHON04  | Honda           | 6,11      | 90,603,606                                 |
| DCKAW04  | Kawasaki        | 1         | 602,621,628,632,637,638                    |
| DCSZC03  | Suzuki          | 1         | 615,619                                    |
| DCYAM03  | Yamaha          | 1         | 615,619,621                                |
| DCFMK06  | Foreign Cycle   | 1,6,11    | 90,602,603,606,615,619,621,<br>628,632,637 |
| DCBMC01  | BMW Cycle       | 1,200     | 40,640,641                                 |

### DC-300

Available with 110V AC or 12V DC Motor - no upcharge  
220V Motor Available at Extra Charge  
Dimensions: " 16 W x 10 1/2" D x 6 1/4" H  
Weight: Approx. 33 lbs.



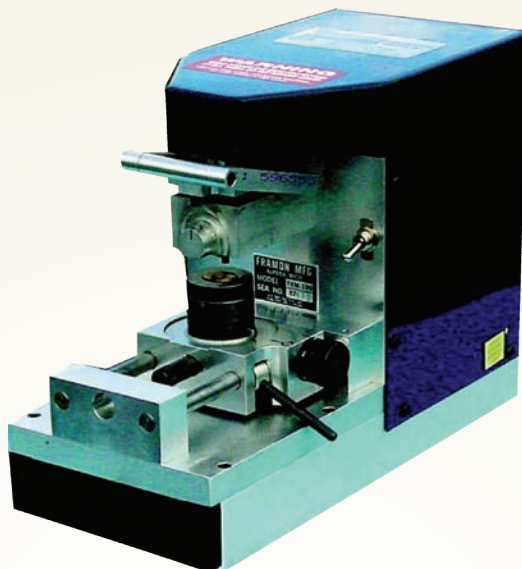
# TKM-100™ TUBULAR CODE MACHINE

## LEADING THE INDUSTRY IN TUBULAR KEY CUTTING



### TKM-100

Available with 110V AC or  
12V DC Motor - no upcharge  
220V Motor Available at Extra Charge  
Dimensions: 8" W x 14" D x 10" H  
Weight: 33 lbs.



*"I have to say that Framon really does have the best customer service out there. You add that to a machine that lasts a lifetime and does all you need in the code department and you just can't go wrong buying a Framon. It's pleasure to deal with someone who treats you like they appreciate your business."*

*George Henderson  
Another satisfied customer*

Framon's TKM-100 is known throughout the industry as the foremost machine in tubular key cutting. Everything you need to originate almost any tubular key in use today is included with the TKM-100:

|         |                             |         |                          |
|---------|-----------------------------|---------|--------------------------|
| TKMS451 | Dial Indicator              | TKMS106 | Ace Change-a-Matic Plate |
| TKSH107 | Chicago/Dynalock/Unican Cam | TKMS107 | Segal 8 Pin Plate        |
| TKSH109 | Fort/American Cam           | TKMS108 | Universal Spacing Plate  |
| TKMS102 | Ace Spacing Plate           | F2MS402 | 1/8" Allen Wrench        |
| TKMS103 | Offset Right Plate          | TKMS401 | 3/16" Allen Wrench       |
| TKMS104 | Offset Left Plate           | DCMS402 | 3/32" Allen Wrench       |
| TKMS105 | National Keyset Plate       |         |                          |

### ONE COLLET FOR ALL YOUR NEEDS...

The TKM-100 features a collet that can accommodate all three size tubular keys. No fumbling with changing jaws or adapters. Simply tighten the chuck closer - the self adjusting collet easily accepts any size key (Diameter .365 - .406).

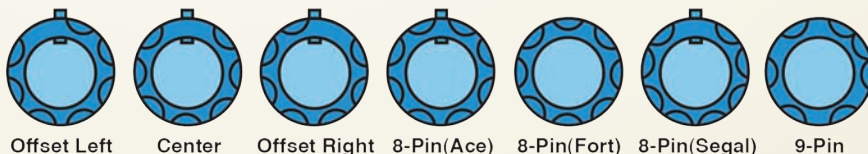
### MAKE ANY TYPE OF CUT AND LOTS OF THEM!

With the TKM-100 you can make regular cuts, ward cuts, and master cuts. The machine is equipped with a carbide cutter, which means you can cut brass or steel and get long cutter life.

### WHY CODE CUT WHEN YOU CAN DUPLICATE?

Probably more than any other type of key, a tubular key wears very quickly. Due to the constant pressure on the face of the key, even original keys can be off .001" - .003". By using a duplicator to make a key, an inaccurate copy of a worn key is being made. When you use the TKM-100 to code cut a key, you'll be making an original key, accurate to .001". A precision dial indicator is included with the machine, which enables you to decode a tubular keys for duplication. Decoding takes only a few seconds.

### SOME OF THE KEYS THAT CAN BE CUT ON THE TKM-100™





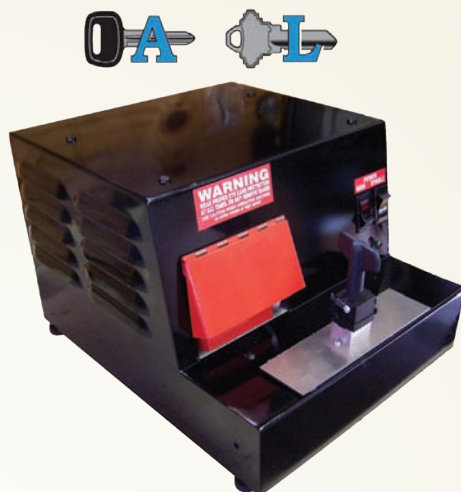
**FRA-2001™****COMPUTER-DRIVEN CODE MACHINE**

## WINNER OF ALOA'S BEST NEW PRODUCT IN 1998

The FRA-2001 is packed with features you'll use daily. More than just a computerized code machine, here is just a sampling of the machine's capabilities.

### THE MACHINE

The FRA-2001 machine is completely controlled through a serial cable by our Genericcode ME software (see page 16 for more information). The machine has no keypad or identification numbers to be confused by when trying to cut a key. Once information is sent, the machine can cut a six-pin key in about 15 seconds. The two servo motors are covered by a two-year warranty, and the control box is covered by a lifetime warranty. Ball screws and sealed ball bearings are used for smooth motion on both axes. A reversible vise is included with the machine, complete with shoulder and tip stops. The FRA-2001 does not have the capability to make angled cuts for Medeco keys.

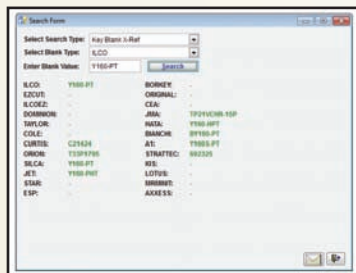
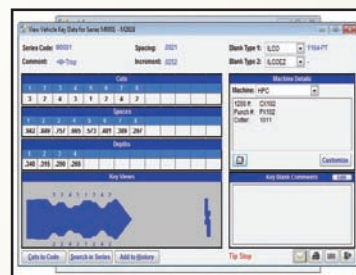
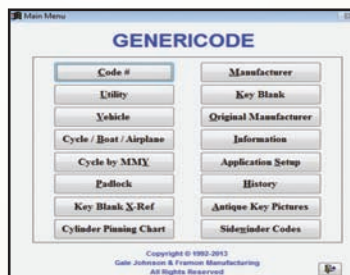


### THE SOFTWARE - LOOKUP & CUT A KEY BY MANUFACTURER

In the Manufacturer's section, the Genericcode software allows you to cut a key when the bitting is known. You can search alphabetically by manufacturer's name, series or key blank number. Enter your own information for new series, or make a customized chart. All database information is completely editable. Once you have chosen the chart you wish to cut a key for, simply enter the cut numbers and click the "Cut Key" button. If you simply want to generate a random key bitting for rekeying purposes, click the random icon and a bitting will be generated. The software enables you to plunge cut or laser (profile) cut the key. An image of the key to be generated can be viewed with the click of a mouse.

### LOOKUP & CUT A KEY BY CODE

The Codes section allows you to look up almost any domestic or imported code you'll run into. You can also search the database by key blank or partial cuts. The program will also show a progression chart for any partial code you enter. Once the code or progression is determined, use the machine to originate your key.



### MACHINE HISTORY: LOOKUP KEYS CUT ON THE MACHINE PREVIOUSLY

The software includes a History database, where you can enter your customers' name and other pertinent data to link with a key you have cut on the machine. Easy retrieval in the future is a snap - simply click the mouse and your key is ready to be originated!

### APPLICATION SETUP SECTION

All movements of the FRA-2001 Code Machine are completely controllable by the user. If the machine ever needs adjustment, depth and spacing are adjusted from the Machine Section. Feed rate and other machine functions are also adjusted from this section.

### FRA-2001

Available with 110V AC  
or 220 V AC - (upcharge for 220V)  
Dimensions: 14" W x 15" D x 11" H  
Weight: 65 lbs.



# KX-1™ HIGH SPEED CODE MACHINE

## REVOLUTIONIZING HIGH SPEED CODE CUTTING



The KX-1 is designed to quickly and accurately code cut cylinder keys, and in particular, high security keys. The KX-1 uses interchangeable depth and space cams to cut just about any cylinder key in use today. The cams take only seconds to interchange, and no adjustment is needed from one manufacturer to the next.

The machine has been tested thoroughly on locks such as Medeco, Assa, Schlage Primus, Kaba PEAKS, and Best. Assa offers the KX-1 to their end users for cutting Twin 6000 and V-10 keys.

The machine is capable of cutting keys accurate to .0005" in about fifteen seconds. For interchangeable core type keys, the vise has a built-in tip stop. For others such as Medeco or Schlage, a shoulder stop properly aligns the key.

When switching from one manufacturer to another, simply remove an allen screw to take the cam off of the machine. Reinstall the screw to put the new cam on the machine. Of course, depending on which type of key you plan on cutting, a cutting wheel change may also be necessary. Patented keys such as Medeco KeyMark may also need a vise change to properly hold the key.

When purchased, the KX-1 comes set up for whichever manufacturer you prefer. Additional cams, cutters and vises can then be purchased separately based on your needs. Kits are available for a variety of manufacturers - See page 15.

The KX-1 is ideal for institutional locksmiths using only one or two key systems. Locksmiths who do large masterkey systems or routinely cut high security keys will also appreciate the new KX-1.



A prefix is needed to specify which cams will be on the machine. Please see the kits on the next page to determine the correct prefix. Example: For a KX-1 with Schlage cams and cutter, the order number would be KX1-SC.



*"Since 1988, ASSA has been furnishing our end users with the KX-1 code machine. We know we can count on the machine to make key cutting an easy job. It is the most accurate and precise key machine we have found for cutting our high security ASSA key blanks. Add to that the fact the machine rarely needs adjustment - a great key machine in every way!"*

*Tom Demont, AHC/CML  
Former National Sales Manager,  
ASSA High Security Locks*

### KX-1

Available with 110V AC or 12V DC Motor - no upcharge

220V Motor Available at Extra Charge

Dimensions: 13"W x 14" D x 13" H Weight: 33 lbs.





# ORDERING INFORMATION

## CAM AND CUTTER KITS FOR THE KX-1

| Manufacturer               | Space Cam | Depth Cam | Cutter    | Vise | Prefix |
|----------------------------|-----------|-----------|-----------|------|--------|
| Arrow                      | 1         | S         | FC9045    | 1    | AR     |
| Assa                       | 2         | A         | FC9032    | 4    | AS     |
| Assa MK "O"                | 2A0       | AM        | FC10416   | 4    | AM     |
| Best                       | A-2 13    | P         | FC9054    | 2    | B2     |
| Best                       | A-3 13    | N         | FC9054    | 2    | B3     |
| Best                       | A-4 13    | M         | FC9054    | 2    | B4     |
| Corbin D,H,Z Sys 70        | 3         | B         | FC9054    | 1    | CD     |
| Corbin K,N Sys 70          | 3         | D         | FC9054    | 1    | CK     |
| Corbin X Pre 70            | 12        | E         | FC9054    | 1    | CX     |
| Corbin X Pre 70            | 12        | CX        | FC9054    | 1    | CXP70  |
| Corbin GH                  | 4         | X         | FC9090    | 1    | KW     |
| Corbin 981                 | 3         | Y         | FC9054    | 1    | C9     |
| Corbin Z Pre 70            | 3         | Z         | FC9054    | 1    | ZC     |
| Dorma D Series             | DR        | P         | FC90511   | D    | D      |
| Emhart                     | 3         | F         | FC8612    | 1    | EM     |
| Falcon Standard            | 7         | R         | FC9090    | 1    | FS     |
| Falcon I-Core              | 13        | P         | FC9054    | 2    | FI     |
| Grundman                   | 16        | G         | FC9051    | 1    | GR     |
| Kaba Peaks 140             | 15        | P         | FC9054    | 2    | K4     |
| Kaba Peaks 150             | 13        | P         | FC9054    | 2    | K5     |
| Kwikset                    | 4         | X         | FC9090    | 1    | KW     |
| Kwikset Titan              | 14        | X         | FC9090*   | 1    | KT     |
| Lockwood                   | 20        | U         | FC9045    | 1    | LK     |
| Master                     | 9         | L         | FC9045    | 1    | MS     |
| Master Padlock             | 17        | Z         | FC9045    | 1    | MP     |
| Medeco Bi-Axial            | 6         | T         | FC8615    | 1    | MB     |
| Medeco Commercial          | 5         | V         | FC8615    | 1    | MC     |
| Medeco KeyMark             | 13        | W         | FC9054    | 3    | MK     |
| Medeco M3                  | 6         | T         | FC8615    | M3   | M3     |
| R R Brink Mogul            | J2        | JC        | FC10070   | BRM  | BRM    |
| R R Brink Lever            | J5        | JE        | DBC1045x2 | DET  | BRL    |
| Ruko (UK)                  | 19        | A         | FC9032    | 4    | RK     |
| Sargent C,R,L              | 10        | J         | FC7863    | 1    | SR     |
| Sargent U,R,K,G,T,UT       | 10        | H         | FC7863    | 1    | SU     |
| Sargent Degree DG1         | 5         | DG1       | FC9054    | 1    | DG1    |
| Sargent Degree DG2/DG3     | 5         | DG2       | FC8615    | M3   | DG2    |
| Schlage (includes Primus)  | 8         | C         | FC10031   | 2    | SC     |
| Schlage SFIC               | 18        | P         | FC9054    | 2    | ST     |
| Southern Folger Mogul      | J2        | JC        | FC10070   | DET  | SFM    |
| Southern Folger Maxi Mogul | J2        | JB        | FC10070   | DET  | SFMM   |
| Southern Folger 6 Lever    | J1        | JA        | DBC1088   | DET  | SF6    |
| Southern Folger 5 Lever    | J3        | JD        | DBC1103   | DET  | SF5    |
| Southern Folger 5 Lever**  | J4        | JD        | DBC1103   | DET  | SF50   |
| Southern Steel Mogul       | SJ2       | JF        | FC10070   | DET  | SSMN   |
| Southern Steel A Series    | J6        | JD        | DBC1103   | DET  | SSA    |
| Southern Steel 13 A1***    | None      | JF        | DBC1085S  | DET  | SS13   |
| Weiser                     | 7         | R         | FC9090    | 1    | WE     |
| Yale Pro-Key               | 22        | O         | FC9045    | 1    | YP     |
| Yale Standard              | 11        | K         | FC9045    | 1    | YA     |

\*Kwikset Titan models are shipped with the FC9090 cutter. A separate charge (included upon request only) will be added for the FC4590T cutter for making the first cut next to the shoulder of the key, which has a 90 degree angle at the bow side.

\*\*This configuration only for older 0-100, 200-300, 400-500 series.

\*\*\*The Southern Steel A1 machine is NOT capable of any interchange with other cams or key series.



# GENERICODE™

# CODE RETRIEVAL SYSTEM

## MORE THAN JUST A CODE LOOKUP PROGRAM



## HERE IS WHAT YOU GET INCLUDED WITH GENERICODE™

- General Code Program: Lookup key information from a code number
- Utility/Vehicle/Motorcycle/Padlock Programs: Lookup key information by manufacturer, model, and input codes or cuts.
- Key Blank Search: Don't know the manufacturer? Find out if you know the blank number.
- Depth & Space Program: Lookup depth & space information for virtually any lock in use today.
- Locksmith Ledger Index: Find articles by subject dating back to 1985.
- Progression Program: Displays a chart to progress keys when only partial cuts are known.
- Sidewinder Codes: View a full list of all known Sidewinder key codes in the program.

Key blank information is shown for the following manufacturers: Ilco Standard, X, E-Z, Dominion, Curtis, Jet, Star, ESP, Borkey, Silca, Orion, and Original.

In addition, Genericode™ displays the keyway and cut key profile. Key cutting information is included for Framon, HPC, ITL, Ilco, AI, Silca, and Laser Key Products key machines. Genericode will download cuts to the Framon FRA-2001, ITL 950/9000, and Laser Key Products Xtreme 3D.

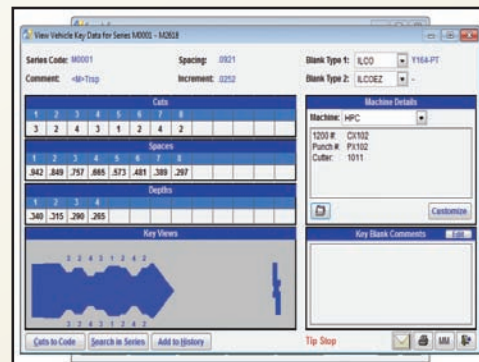
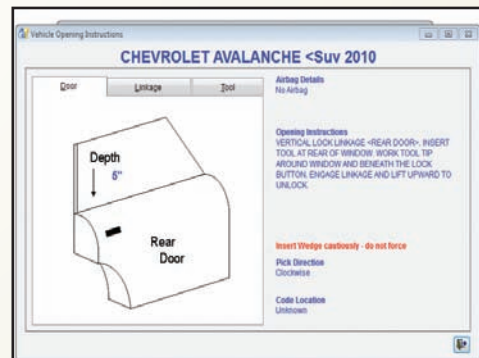
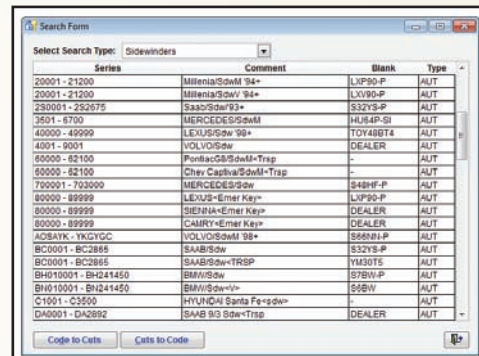
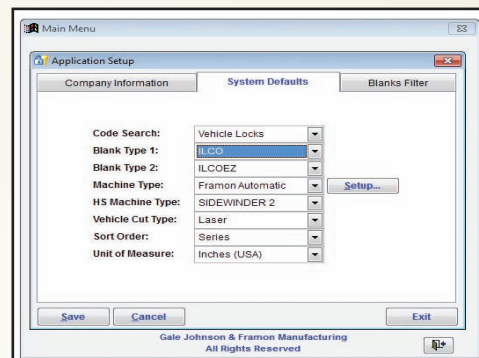
Some code programs boast of their numbers of codes included, claiming over two million; Genericode™ contains over 750,000 codes for combination padlocks alone! Add to that over 200,000 codes for ten cut GM and over 100,000 for ten cut Ford; doesn't two million seem a little light? Genericode™ contains well over 4,500 code series, ask others how many they have....

....Add to that a key blank cross reference program and a motorcycle model database and you get the complete code lookup program.

Other companies are happy to sell you a code retrieval program, another program for progression charts, and another for missing cuts. Genericode™ gives you all of these programs at once, and you can run any of them out of the same window.

Unlike other programs, Genericode ME is licensed to your location; you may install it on all computers in your shop or your trucks. Additional authorizations are not needed. Also, yearly updates are optional; you are not forced to pay for an update every year.

Genericode Me runs on Windows XP & Above. 50 MB of hard drive space is required.



Part Number: **GCODME**

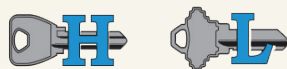




# EXPRESS™

# SEMI-AUTOMATIC DUPLICATOR

## HIGH SPEED DUPLICATION MADE EASY!



### DISTINCTIVE FEATURES OF THE EXPRESS SEMI-AUTOMATIC INCLUDE:

The EXPRESS quickly and accurately duplicates almost any cylinder key effortlessly.

#### CONVENIENCE

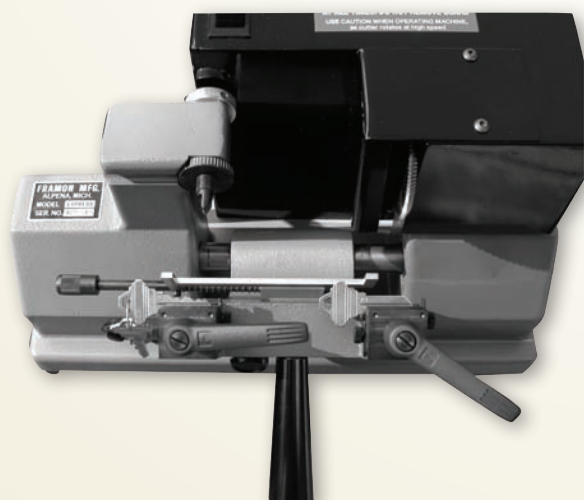
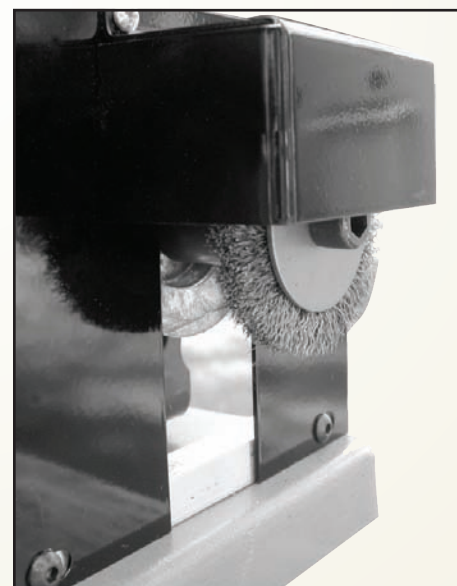
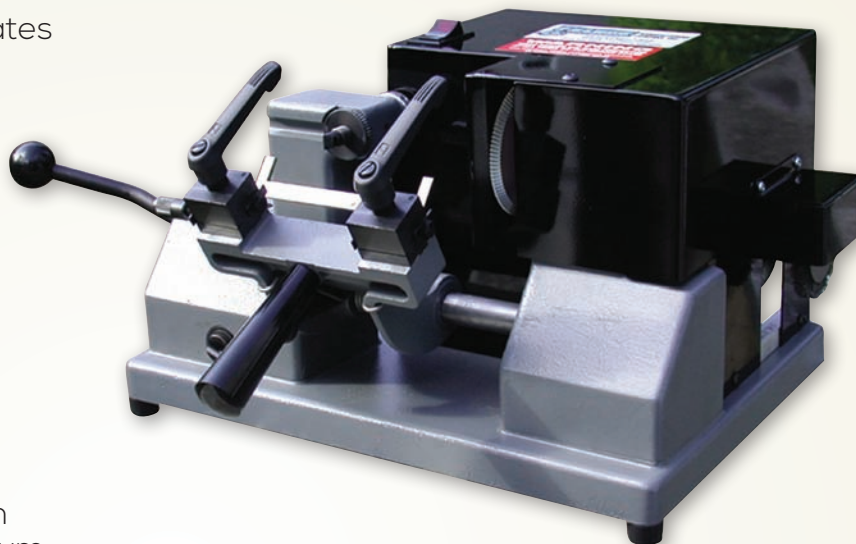
Built-in tip stops for shoulderless keys eliminates the need for key stops. When cutting Best Keys, simply flip the tip stop over and tighten the thumb screws.

#### DURABILITY

Rod wipers are included with the Express. During cutting these wipers keep shavings out of the guide rod housing, preventing jamming of the yoke assembly. All aluminum castings, hardened steel guide, and a premium M-42 High Speed Steel/AlCn coated cutter ensure longevity and ruggedness. All bearings on the machine are sealed for consistent accuracy and a maintenance-free long life.

#### EASE OF USE

When locked in key load position, user has 3 1/4" between cutter/guide and vises to ease loading. Depth adjustments can be made in .001 inch increments, no tools required. The Express can accommodate keys up to 4 3/8" in length.



### EXPRESS

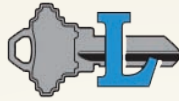
Available with 110V AC or  
220 V AC - (upcharge for 220V)

Dimensions: 15" W x 11" D x 10" H    Weight: 37 lbs.



# DBM-1™ FLAT STEEL KEY DUPLICATOR

**MAKES FAST WORK OUT OF FLAT STEEL KEY DUPLICATION**



**WIRE  
BRUSH  
INCLUDED**

## ALL THE QUALITY YOU'VE COME TO EXPECT FROM FRAMON...

The Framon DBM-1 is designed to cut safety deposit box, locker, and padlock keys. This specialized flat key duplicator will duplicate blanks up to 3 1/2" long.

The DBM-1 features a wire deburring brush (nylon also available) and carbide cutter.

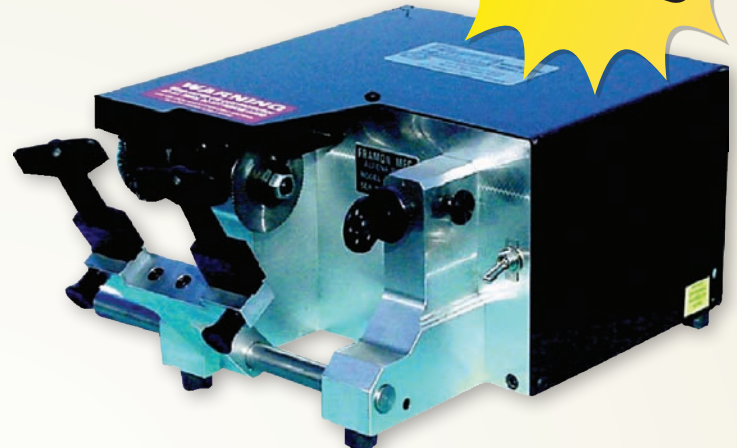
## ROTATING GUIDE FOR DIFFERENT CUTTER WIDTHS.

The DBM-1 features a rotating guide which can be paired up to six different cutter widths. Widths available in .035", .045", .055", .066", and .088". A .100" cut can be made by pairing the .045" and .055" cutters.

## THE FRAMON DBM-1: DESIGNED TO DO ONE JOB AND DO IT RIGHT...

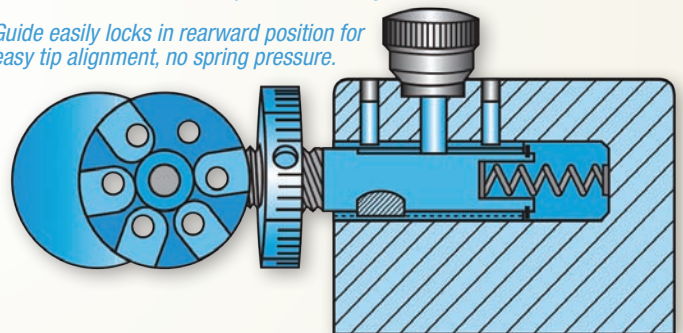
Depth adjustments can be made in .001" increments. As with all Framon products, sealed ball bearings are used in the spindle. Built-in rod wipers keep the carriage rod clean as you cut keys.

You can expect years of trouble-free service from your DBM-1. Cut Master Padlock corrugated keys, locker, letterbox, and safety-deposit box. Even cut two keys at a time!



*Rotating stylus changes easily to 6 different guide widths of .035, .045, .055, .066, .088, .100. Precise adjustments - no guesswork.*

*Guide easily locks in rearward position for easy tip alignment, no spring pressure.*



### PADLOCK KEYS

Single and double sided Master.



### LOCKER AND LETTERBOX KEYS

Yale, National Eagle, Auth, Couch, Florence, Etc.



### SAFETY DEPOSIT BOX KEYS

Diebold, Master, Yale Sargent & Greenleaf Victor, LeFebure, HHM, York.

## DBM-1

Available with 110V AC or 12V DC Motor - no upcharge • 220V Motor Available at Extra Charge  
Dimensions: 10 1/2" W x 16" D x 6 1/4" H Weight: 33 lbs. • See page 26 for optional cutters





# SIDEWINDER™

# HIGH SECURITY AUTOMOTIVE DUPLICATOR

## SMALL AND COMPACT, THE SIDEWINDER CAN HANDLE ALL OF YOUR NEEDS



The compact Framon Sidewinder has been the professionals' choice since it was introduced to the market in 1990. It is designed to quickly and accurately duplicate automotive high security keys such as Mercedes 2 & 4 Track, BMW, Lexus, Infiniti, Volvo and Saab.

### A COMPLETE KEY CUTTING "STATION"

When you choose the Framon Sidewinder, you don't just get a duplicating machine. Four cutters come standard with the Sidewinder. Two 5/32" and two 3/32" cutters come with each machine. The 5/32" is used for cutting most externally cut high security keys. The 3/32" is used for center cut keys such as Lexus. These cutters are made of carbide and cobalt for long life and durability.

You'll also receive **Free Volkswagen/Audi Vises** for the machine. No need to purchase any additional components to do the job.

### EASY OPERATION

The Sidewinder now features a lever on the left side of the machine to control all carriage movements. We've updated the table for extremely smooth movement. In addition, our vises do not require adapters or additional clamps to hold any keys. Two sets of reversible vises hold every high security automotive key you'll come across. The Sidewinder also has a storage drawer under the machine to hold cutters, vises, and tools. Setting up the machine takes less than a minute, and duplicating a key can be done in about 30 seconds per side. The feature don't stop there...

### DURABLE CONSTRUCTION

As locksmiths around the world have come to expect, ball bearings are used extensively throughout the machine. Aluminum and steel construction means you are buying a machine that will hold its' tolerances and hold up to rough use. Make the best choice - the Framon Sidewinder.

*Sidewinder duplicators can be upgraded to the Sidewinder 2 Code machine at a later time.*



*"I own one of your Sidewinder key machines. I tried all of the others at a show and found that yours was the best suited for originating keys. I've had it for about 2 years now and have never had a problem with it."*

*- Ken Cox  
Eugene, OR*

*Note: Our Sidewinder machine is designed as a duplicating machine, but with space and depth keys, you can originate side-milled keys with it.*

### SIDEWINDER

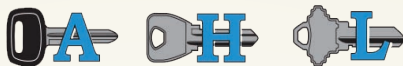
Available with 110V AC or  
12V DC Motor - no upcharge  
220V Motor Available at Extra Charge  
Dimensions: 6" W x 14" D x 10" H  
Weight: 33 lbs.  
See page 24 for optional  
cutters & accessories



# MD-1™

# MANUAL DUPLICATOR

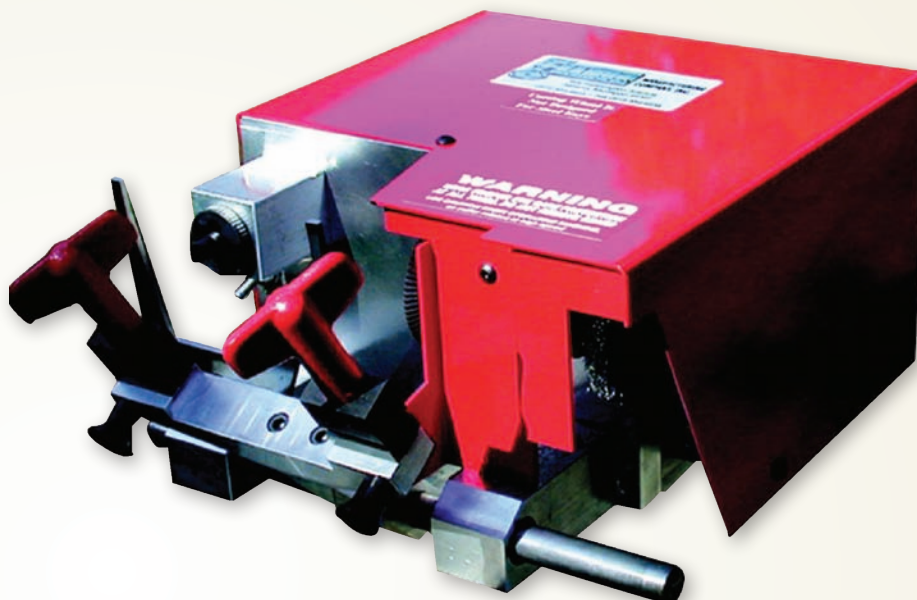
## THE QUICK AND EASY WAY TO DUPLICATE KEYS...



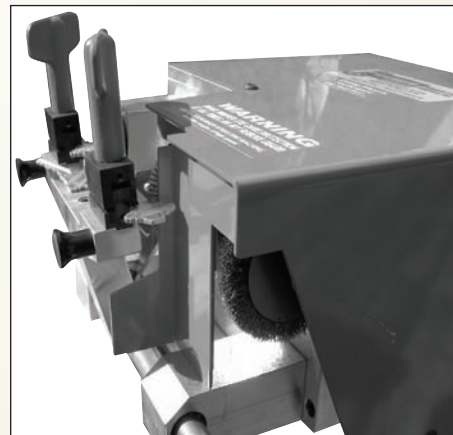
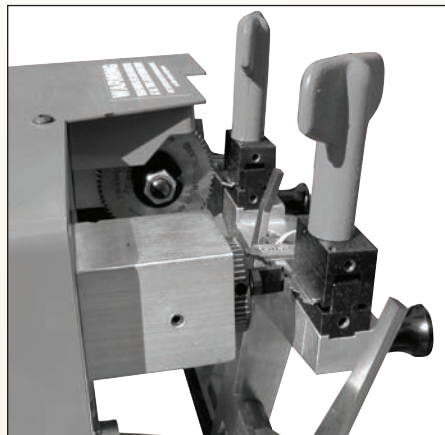
The MD-1 is a manual duplicator designed for locksmiths, automotive dealerships, and hardware stores to cut a wide variety of keys without the need of additional accessories.

### HERE ARE JUST A FEW OF THE FEATURES OF THE MD-1:

- Can accept keys up to 4" in length
- 1-7/8" of cutting travel
- Wire deburring brush included (nylon also available)
- 1/6 hp motor included (12 volt available - upcharge for 12 volt motor)
- Reversible vises hold a wide variety of keys without tipping
- Flip-down key stop for aligning shoulders or tips of keys
- Adjustable guide (.001" increments)
- Carriage wipers to keep chips off of yoke rod
- Sealed ball bearings in spindle assembly



Framon's MD-1 offers you the ability to cut almost any cylinder key in use today. Keys can be cut quickly, easily, and accurately. If adjustments are ever needed, they can be made in .001" increments. The MD-1 carries Framon's one-year, parts, labor and freight warranty.



### MD-1

Available with 110V AC, 12V or 220V • 12V DC Motor and 220V Motor Available at Extra Charge

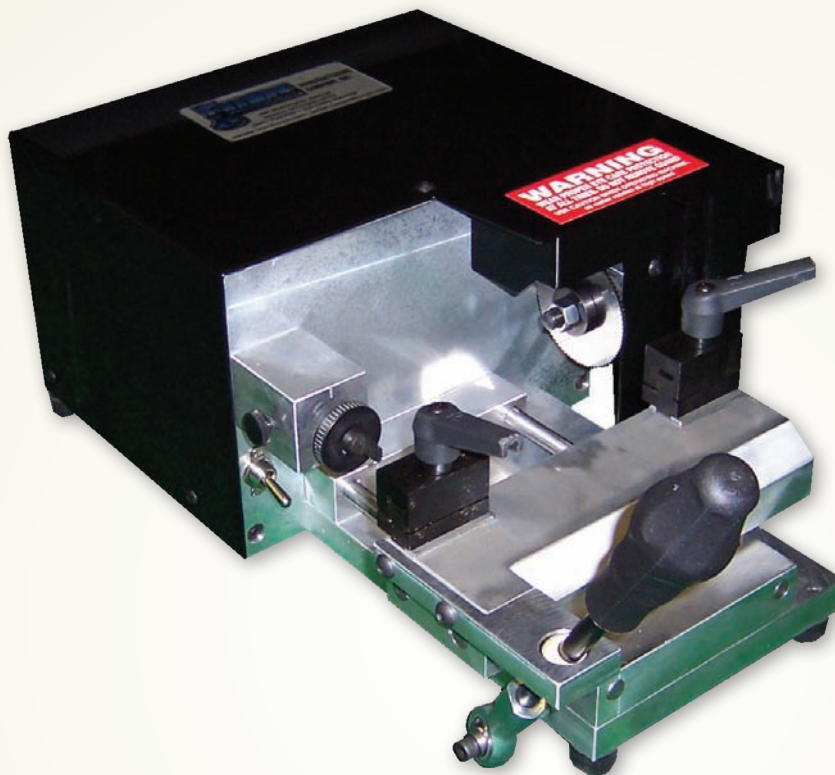
Dimensions: 12" W x 15" D x 6" H • Weight: Approx. 29 lbs.





## JD-12™ DETENTION KEY DUPLICATOR

TAKING PRECISION DUPLICATING TO THE NEXT LEVEL  
WITH SMOOTHER USER CONTROL



Framon is proud to introduce a new duplicating machine, the JD-12. The machine is designed exclusively for detention keys such as paracentric & mogul.

Designed on the same principles as other Framon key machines, the JD-12 incorporates cnc-grade linear ball bearings on both the X & Y axis, as well as hardened rods. This gives the machine an extremely smooth motion & allows precise user control. Similar to our Sidewinder high security automotive duplicator, a control lever is mounted on the left side of the machine to control carriage movement.

An interchangeable guide allows the machine to be converted from cutting paracentric-style keys to cutting mogul keys. All cutting wheels for the machine are made of solid carbide. Changing the machine over from paracentric to mogul takes approximately one minute. The JD-12 is preset at the factory to cut paracentric keys; the mogul kit (part number JD-12MK) is available separately.

Like other Framon machines, the JD-12 is covered by our exclusive one year, parts, labor and freight warranty.

### JD-12

Available with 110V AC or 220V • 220V Motor Available at Extra Charge  
Dimensions: 12" W x 16" D x 10" H • Weight: Approx. 35 lbs.



# DT-1™

# FRAME DIMPLING TOOL

## NEW!

**FRAMON MANUFACTURING IS INTRODUCING A NEW  
FRAME DIMPLING PRODUCT, THE DT-1**



The DT-1 tool is designed to aid in metal door frame installation by adding a recess when “field-dimpling” a frame. Examples of use would be installing a new metal frame in an existing masonry or stud opening. The DT-1 is hardened & uses an allen screw & wrench to smoothly add a dimple to the door frame after it has been drilled. Typically, a frame is “punched & dimpled” three to four times on each side of the door frame. The DT-1 makes the job an easy one with a professional looking fit to the fasteners.

The tool is double-sided; after extensive use some wear may be evident in the threads or face of the tool; simply use the opposite side. Two allen screws and a long-arm allen wrench are also included.

**DT-1 FRAME DIMPLING TOOL     Part Number: [DT-1](#)**



### T-HANDLE COVER

Framon's T-Handle cover keeps out dirt, road grime and salt, extending the life of your customers' lock. Slips over easily and can be moved to the side when locking or unlocking, or simply remove it. Works with most pickup capper T-handles. Sold in packs of 50.

**PART #.....[F2MS775](#)**

## MOTORS

### 110V AC MOTOR

1/12 hp 42 Frame 1725 RPM 3/8" Shaft AC motor used on older Framon #2 and all older Framon machines with exposed motor. This motor uses an external relay and has reversible rotation.

**PART #.....[F2MT002](#)**



### 12V DC MOTOR

1/10 hp 42 Frame 1800 RPM 3/8" Shaft DC motor used on all 12V Framon machines. An excellent choice when replacing an older motor on other machines.

**PART #.....[F3MT002](#)**



### 110V AC MOTOR

1/6 hp 48 Frame 1725 RPM 1/2" Shaft AC motor used on newer Sidewinder, TKM-100, and DBM-1 machines with enclosed motor, and newer #2 code machines.

**PART #.....[DCMT002](#)**







## TOOLS / SIDEWINDER ACCESSORIES

**THESE THREE TOOLS MAKE A HANDY ADDITION TO ANY LOCKSHOP.  
THEY'VE BEEN TESTED REGULARLY IN OUR OWN LOCKSHOP.  
READ ON FOR THE DETAILS...**



### IMPRESSIONING TOOL

Another quality product by Framon Manufacturing Co. that makes key impressioning easier than ever. This tool is self-contained; it needs no wrenches and has no screws to strip out. This tool holds practically any key blank; keys will not rock or slip. The firm hand grip provides complete control when impressioning keys. **PART # .....IMMS001**



### DIAL CALIPERS

6 inch steel dial calipers are easy to read and extremely accurate. Calipers are a must for any serious lockshop whether adjusting a machine or decoding an existing key. Case included. **PART # .....F2MS451**



### DUAL READ DIAL INDICATOR

For locksmiths doing tubular key work, this dial indicator is a must. Use it for decoding keys or checking machine accuracy. Easy to read and simple to use. Graduations in .001" **PART # .....TKMS451**

### SIDEWINDER 2 ROD KITS

#### A Manufacturer

BMW 2 Track  
Chevrolet  
Chevrolet  
Fiat / Chrysler  
Ford  
Ford  
Honda  
Hyundai  
Hyundai 2 Track  
Kia  
Kia  
Infiniti  
Lexus Long  
Lexus Short  
Lexus Emergency Key  
Mazda Mellenia  
Mercedes 4 Trk  
Saab  
Subaru  
VW / Audi

#### Part Number

GHMS764  
GHMS751  
GHMS751  
GHMS761  
GHMS762  
GHMS762  
GHMS754  
GHMS757  
GHMS766  
GHMS752  
GHMS757  
GHMS753  
GHMS752  
GHMS752  
GHMS765  
GHMS752  
GHMS756  
GHMS759  
GHMS760  
GHMS755

#### Code Series

HBA0001-6000  
Z0001-6000  
V0001-5573 GM  
DE00001-11210  
10001-11500  
11501-13000  
K,L,M,N000-999  
G0001-2500  
T1001-3500, C1001-3500  
L0001-1000  
G, K0001-2500  
0001-2000  
O0001-5000  
40000-49999  
80000-89999  
20001-21200  
700001-703000, HS,NS2001-3500  
BC0001-2865, 2S0001-2S2675  
T0001-3000  
HAA0001-6000



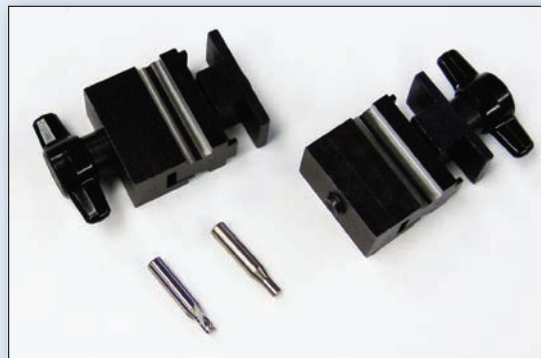
# SIDEWINDER / SIDEWINDER 2 ACCESSORIES

## AUDI/VW HIGH SECURITY KEY ACCESSORIES

Vises only are needed to cut these keys. A 3mm cutter and guide are recommended

|                 |   |
|-----------------|---|
| <b>GHCB3M</b>   | <b>3mm cutter</b>                                   |
| <b>GHMS3M</b>   | <b>3mm guide</b>                                    |
| <b>GHSHAUD</b>  | <b>Audi/VW vise set</b>                             |
| <b>GHSHAUDI</b> | <b>Audi/VW kit includes vises, cutter and guide</b> |

Special cutters and guides can be special ordered for almost any application. Call for details.



## CUTTERS

**\* 5/32" Cutter and Guide** - Use for all externally cut side milled keys

|                |                             |
|----------------|-----------------------------|
| <b>GHCC156</b> | <b>5/32" carbide cutter</b> |
| <b>GHMS156</b> | <b>5/32" guide</b>          |

### \* 3/32" Cutter and Guide

Use for cutting Lexus and other center cut keys

|                |                            |
|----------------|----------------------------|
| <b>GHCB093</b> | <b>3/32" cobalt cutter</b> |
| <b>GHMS093</b> | <b>3/32" guide</b>         |

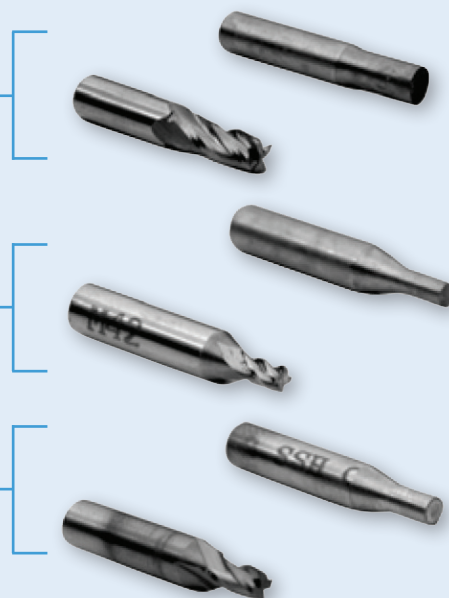
### 3mm Cutter and Guide

Use with some depth & space keys, recommended for Audi/VW high security keys

|               |                           |
|---------------|---------------------------|
| <b>GHCB3M</b> | <b>3mm carbide cutter</b> |
| <b>GHMS3M</b> | <b>3mm guide</b>          |

All cutters & guides are 3/16" diameter.

\* denotes cutter supplied with Sidewinder machine at time of purchase.



## CHIP SHIELD

A chip shield is now available as an add-on item for existing Sidewinder key machines. Installation takes less than one minute. The shield directs chips toward the back of the key machine.

**PART #.....GHMS461**



## Sidewinder Handle Upgrade

Have an older Sidewinder machine? An entire lower unit is required to add a control handle to older models. Contact Framon Manufacturing for more information. Machines need to be sent in to have conversion done

**PART #.....SDUPGRADE**



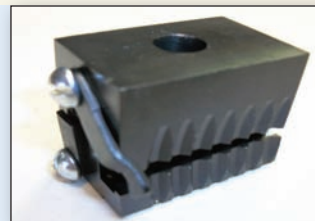




# CODE MACHINE ACCESSORIES

## DOUBLE SIDED VISE

This vise will hold the wide, deeply milled blanks such as X160, X161, X176 and X184 that tend to tip in the standard vise. The reverse side of the vise has a built-in tip stop and special millings to hold all of the interchangeable core keys firmly. The vise eliminates the need for shims and wires to hold these blanks. Fits Framon #1, #2 or KX-1 Code Machines. **PART #.....F2SH050**



## SPACING BLOCK SET FOR DOMESTIC AND IMPORT SPACING

72 different spacings from .045" to .170". Includes Toyota 10 cut series w/ double cuts. These blocks snap in and out of the spacing block holder and fit all existing Framon machines. Includes new spacing clip for tip-stopped keys. **PART #.....FSB1001**



## SPACING BLOCK RACK

Organize your spacing blocks easily. Attaches to a Framon #1, #2, or #2J Code Machine. Holds up to six spacing blocks. **PART #.....F2SH750**



## SPACING BLOCK SET FOR SAFETY DEPOSIT BOX KEYS

29 different key series on three spacing blocks. Diebold, Hearing Hall Marvin, Mosler, S & G, Security, York, LeFebure, Victor, Yale and others. Kit includes instructions. Invaluable for Framon owners who do deposit box work.

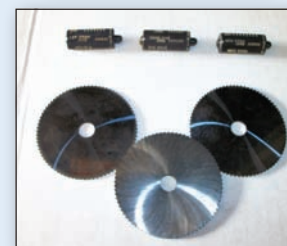
**PART # .....F2MSDB1**

**FMSDBC2** includes F2MSDB1 plus .055", .066" and .088" high speed steel slotters. Instructions included.

**PART # .....FMSDBC2**

**With carbide slotters**

**PART #.....FMSDBC3**



## TIBBE KEY ATTACHMENT

An attachment for cutting Tibbe keys. This unit will fit all Framon Code Machines and comes complete with a .088" carbide slotter and instructions on use. This unit will cut both the 6 wafer and 8 wafer Tibbe keys that are used on Ford and Jaguar autos. These keys can now be cut quickly and accurately at a very low cost to Framon Code Machine owners. Please note, the fixture can only cut smaller headed Tibbe keys; size is restricted due to spindle casting.

**PART #.....F2SH070**



## KEYMARK VISE

A special vise is needed to cut Medeco KeyMark keys.

**PART # .....F2SH065**

## MEDECO M3 VISE

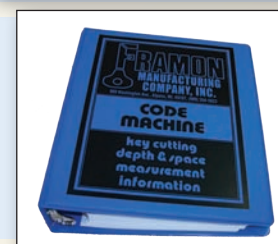
A special vise is needed to cut Medeco M3 keys.

**PART # .....F2SH080**



## DEPTH & SPACE MANUAL

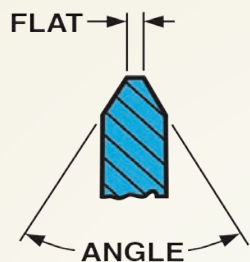
This edition contains depth and space information for Domestic, Import, Flat Keys and Safety Deposit Keys. It is the largest and most comprehensive Depth and Space Manual available. Newly formatted, the Depth & Space Manual gives progressive spacings as well as spacing block reference numbers. **PART # .....FSMS350**





# CUTTING WHEELS

## DOUBLE ANGLE MILLING CUTTERS



### ALL CUTTERS

**.375 I.D. - 2.375 O.D. + .0005 TOLERANCE**

1. Denotes cutter supplied with #2 Code Machine
2. Denotes cutter supplied with #2J Code Machine
3. Denotes cutter supplied with #1 Code Machine
4. Denotes cutter supplied with DBM-1 Machine

| Part No               | Angle | Flat  | Old Part No | Used For                        |
|-----------------------|-------|-------|-------------|---------------------------------|
| FC4590T               | 45°   | .090" | -----       | Titan Special Cutter            |
| FC7863                | 78°   | .063" | C-10        | Sargent Cutter                  |
| FC7957                | 79°   | .057" | -----       | Kaba Special                    |
| <sup>123</sup> FC8445 | 84°   | .045" | CC-1001     | Standard Cutter                 |
| FC8615                | 86°   | .015" | CC-001      | Medeco Cutter                   |
| FC8735                | 87°   | .035" | -----       | Foreign Auto Cutter             |
| FC9032                | 90°   | .032" | CC-9032     | Assa Cutter                     |
| FC9045                | 90°   | .045" | CC-1        | Standard Cylinder Cutter        |
| FC9054                | 90°   | .054" | -----       | I-Core Cutter / Corbin          |
| <sup>2</sup> FC9063   | 90°   | .063" | -----       | Detention Cutter                |
| FC9090                | 90°   | .090" | CC0100B     | Kwikset, Weiser, Weslock Cutter |
| FC10031               | 100°  | .031" | -----       | Schlage Cutter                  |
| FC10045               | 100°  | .045" | CC-01       | Standard Wide Angle Cutter      |
| FC10070               | 100°  | .070" | -----       | Detention Wide Angle Cutter     |

## CARBIDE SLOTTER

| Part No              | Width | Used For   |
|----------------------|-------|--|
| DBC1035              | .035" | Small Letter Box                                   |
| <sup>4</sup> DBC1045 | .045" | Auth, Couch, Eagle, National, Yale                 |
| DBC1055              | .055" | Auth, Couch, National, Ilco, Mosler, S & G, Victor |
| DBC1066              | .066" | Yale, Diebold, HHM, S & G, Security, York          |
| DBC1085S             | .085" | Southern Steel A1                                  |
| DBC1088              | .088" | Ilco, LeFebure, Mosler, Security                   |
| <sup>2</sup> DBC1103 | .103" | Prison Locks - Southern Steel                      |

## HIGH SPEED STEEL SLOTTER

| Part No              | Width | Used For                        |
|----------------------|-------|---------------------------------|
| FFS1020              | .020" | Filler Slotter                  |
| FFS1030              | .030" | Cabinet & Mailboxes             |
| <sup>1</sup> FFS1045 | .045" | Auth, Couch, Eagle, National    |
| FFS1055              | .055" | S & G, Victor, Florence         |
| FFS1066              | .066" | HHM, S & G, Yale, York, Diebold |
| FFS1088              | .088" | LeFebure, Mosler                |

|           |           |                               |
|-----------|-----------|-------------------------------|
| DC9040    | 90°/.040" | Standard DC-300 Cutting Wheel |
| DC9040ALC | 90°/.040" | Coated DC-300 Cutting Wheel   |
| DC9040C   | 90°/.040" | Carbide DC-300 Cutting Wheel  |





# REPLACEMENT PARTS

## FRAMON #1, #2 CODE MACHINES

|  |             |
|--|-------------|
| Drive Belt .....   | F2MS601     |
| Key Stop .....   | F2MS551     |
| Standard Vise .....  | F2SH060     |
| Depth Plate (.100, .150 markings).....                           | F2MS102     |
| Depth Plate Pointer.....   | F2MS104     |
| Spacing Block Indicator.....                                     | F2MS105     |
| Compression Spring<br>(vise springs, sold in packs of five)..... | F2MS001-PK5 |
| Spacing Clip.....  | F2MS552     |

## EXPRESS

|                 |            |
|-----------------|------------|
| Cutter.....     | LK84STiALN |
| Drive Belt..... | LKMS605    |

## TKM-100

|   |         |
|---|---------|
| Drive Belt .....                            | GHMS601 |
| Older TKM-100 (models with wood base) ..... | TKMS601 |
| Cutter.....                                 | TCA1001 |
| Collet.....                                 | TKSH017 |

## DBM-1

|                  |         |
|------------------|---------|
| Wire Brush.....  | DCMS252 |
| Nylon Brush..... | DCMS251 |
| Drive Belt ..... | GHMS601 |

## SIDEWINDER / SIDEWINDER 2

|                         |          |
|-------------------------|----------|
| Drive Belt.....         | F2MS601  |
| Hand Held Tip Stop..... | GESHO29  |
| Standard Vise Set ..... | GHSH0601 |

## MD-1

|                 |         |
|-----------------|---------|
| Cutter.....     | FC078P  |
| Drive Belt..... | ICMS601 |



# LEARN MORE ABOUT FRAMON

## RESOURCES

### WE OFFER A VARIETY OF RESOURCES TO OUR CURRENT AND POTENTIAL CUSTOMERS!

First, visit the Framon website at [www.framon.com](http://www.framon.com) for product information, key machine manuals, and other relevant information.

If you are considering a Framon key machine, visit our YouTube page at [www.youtube.com/user/FramonManufacturing](http://www.youtube.com/user/FramonManufacturing). Videos of all of our products are available here including setup and adjustments for many of our machines.

Join our Facebook page by searching for "Framon Manufacturing" or just go to [www.facebook.com/FramonMFG](http://www.facebook.com/FramonMFG). New product announcements and updates are announced using our Facebook page.

For software tech support, we regularly use "TeamViewer" which is a remote login program. Using TeamViewer our customer service person can connect to your computer (as long as an internet connection is present) and quickly diagnose or fix the problem. For quickest results, install TeamViewer prior to calling us by clicking the "TeamViewer" link at the top of our home page.

If you would like a live demonstration of any Framon product via the web, we can also use TeamViewer to host a meeting. This utility is useful to demonstrate software products such as our Genericode program. You can "drive" remotely and determine if the program is what you are looking for. Live assistance is also available using TeamViewer and/or Skype for video meetings. We can demonstrate a key machine or assist you with tech support using a webcam if you have one available.

As always, call us at **989-354-5623** for assistance, tech support or product questions. We are available from 8:00 AM to 4:30 PM Eastern Time, Monday through Friday.



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[www.framon.com](http://www.framon.com)