## KEYLINE USA PRODUCT GUIDE



INNOVATORS BY DESIGN SINCE 1770





For us, innovation means a continuous wonder for what technology, design and creativity can do when paired with commitment and the drive to be the most reliable partner for security specialists.

This is at the core of the Keyline USA **Product Guide**, which is a valuable guide for mechanical, electronic and digital key cutting machines, cloning devices and transponder technology, electronic heads, keyless kits and horseshoes.

Keyline research completely changed all of them. Our original operating and user interface software constantly anticipates the future. The transponder technology has reached surprising heights and electronic heads, keyless kits and all our keys provide professionals with the tools they require to offer excellent service.

Whether they are automotive keys or systems for door keys, our latest products open up incredible opportunities for key cutting and efficiency standards.

Since 1770 we have been constantly dedicated to raising our commitment for innovation and quality. Our history of these is what makes it possible for us to help locksmiths and automotive professionals every day, in every part of the world.

#### Massimo Bianchi, Keyline Strategic Planner





#### **Product Guide**

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## 884

## DECRYPTOR MINI









- Works with PC (with Windows 7 or higher) and Keyline Cloning Tool software or Android phone/ tablet with USB-OTG capability and Keyline Cloning Tool app
- Bluetooth & Power Adaptor available for iOS capability (sold separately)
- Portable, lightweight and simple to use
- Works exclusively with Keyline's 2-piece key system (heads and horseshoes or chips and POD keys)

- Clones Philips® Crypto (1st & 2nd generation), Texas® Encrypted, fixed code transponders and more
- Ability to clone Megamos® Crypto (ID48) transponders with TKM. XTREME Kit and Toyota® 80-bit 'G' transponders with TKG. KIT (software kits sold separately)
- Easy software updates
- Part #: BI884-MINI

#### **APPLICATIONS**

















| TECHNICAL SPECIFICATIONS |  |  |  |
|--------------------------|--|--|--|
| Power Supply             | Powered by user device (PC, tablet or phone)                   |  |  |
| External Connections     | Micro USB port; 2 connection cables included (USB and USB-DTG) |  |  |
| Dimensions               | 5" x 4" x 4"   |  |  |
| Weight                   | 1 lb.  |  |  |
| Warranty                 | 2 years  |  |  |

## **BLUETOOTH & POWER ADAPTOR**

| TECHNICAL SPECIFICATIONS   |   |  |  |
|--|---|--|--|
| Power Supply   | Connected to 884 Decryptor Mini and charged through micro USB connection port on 884 Decryptor Mini |  |  |
| Connection Type Bluetooth v4.0 dual mode (BT and BLE); compatible with Android and iOS devices |   |  |  |
| Dimensions 4 ½ "x 1" x 3 ½ ""  |   |  |  |
| Weight <1 lb.  |   |  |  |
| Warranty   | 2 years   |  |  |









## 884

## **DECRYPTOR ULTEGRA**



- Advanced cloner for Philips® Crypto (1st & 2nd generation), Texas® Encrypted, fixed code transponders and more
- Ability to clone Megamos® Crypto (ID48) transponders with TKM. XTREME Kit and Toyota® 80-bit 'G' transponders with TKG. KIT (software kits sold separately)
- Part #: BI884

- Works exclusively with Keyline's 2-piece key system (heads and horseshoes or chips and POD keys)
- Intuitive, multi-language graphic display
- Stand alone; computer connectivity required only for software upgrade kits and updates
- Easy software updates

#### **APPLICATIONS**



















| TECHNICAL SPECIFICATIONS |                                      |  |  |
|--------------------------|--------------------------------------|--|--|
| Power Supply             | 12V DC; 12V vehicle adaptor included |  |  |
| External Connections     | USB and RS232 serial port            |  |  |
| Dimensions               | 8 ½" x 5" x 2 ¾"                     |  |  |
| Weight                   | 2 lbs.                               |  |  |
| Warranty                 | 2 years                              |  |  |

| ACCESSORIES       | PART NUMBER |
|-------------------|-------------|
| 12V Power Adaptor | B7726       |

# SOFTWARE UPDATES & CLONABLE CHIPS



#### TKG. KIT

Software for Toyota® 80-bit 'G' keys Works exclusively with 884 Decryptor Ultegra or 884 Decryptor Mini and Keyline Cloning Tool program



#### TKM. XTREME KIT

Software for Megamos® Fixed Code and Crypto (ID48) keys Works exclusively with 884 Decryptor Ultegra or 884 Decryptor Mini and Keyline Cloning Tool program



#### **CK50**

Philips® Crypto (1st gen)



#### **GK100**

Texas® Fixed (4C), Texas® Crypto (4D) and Philips® Crypto (ID46) code transponders



#### GKM

Megamos® Crypto (ID48) and Megamos® Fixed Code



#### CKG

Toyota® 80-bit 'G' keys

Keyline POD Keys are chipless shell keys that give automotive professionals the ability to create their own transponder keys using original transponders or harvested chips from existing transponder keys to make a new key or replace a key that is damaged.

The innovative new style POD Keys feature an OEM-like design and accommodate a variety of original transponder chip types including glass and wedge styles as well as feature a pinhole release for easy access to chip holder tray for replacement or removal.

**BHU66AT6-SHELL** 

New style POD Keys are noted with image



BM2TK

BHU46T2-SHELL

# ASTON MARTIN AUDI/PORSCHE/VW BMW CADILLAC

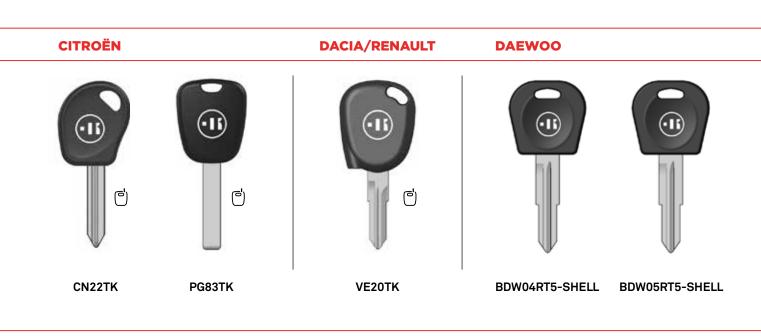
## **CHEVY/SATURN**

FC7TK

#### CHRYSLER/DODGE/JEEP

V66TK

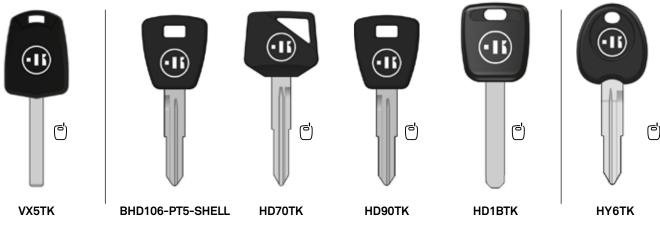








**GM HONDA HYUNDAI/KIA** 



#### **HYUNDAI/KIA**











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## **KEYLESS SYSTEMS**





| BMW Kit  | Part Number: <b>BM100KIT</b> |      |  |
|----------|------------------------------|------|--|
| MODEL    | FROM                         | то   |  |
| 1 SERIES | 2007                         | 2010 |  |
| 3 SERIES | 2005                         | 2011 |  |
| 5 SERIES | 2004                         | 2010 |  |
| 6 SERIES | 2004                         | 2010 |  |
| 7451     | 2006                         | 2008 |  |
| X5       | 2007                         | 2011 |  |







B

| MAKE    | MODEL              | FROM | то   |
|---------|--------------------|------|------|
| Kia     | BORREGO (PROX)     | 2009 | 2011 |
|         | FORTE (PROX)       | 2011 | 2013 |
|         | MAGENTIS (PROX)    | 2010 | 2010 |
|         | OPTIMA (PROX)      | 2010 | 2013 |
|         | SORENTO (PROX)     | 2011 | 2013 |
|         | SOUL (PROX)        | 2011 | 2013 |
|         | SPORTAGE (PROX)    | 2011 | 2013 |
| Hyundai | EQUUS (PROX)       | 2011 | 2013 |
|         | GENESIS 2DR (PROX) | 2010 | 2013 |
|         | GENESIS 4DR (PROX) | 2009 | 2013 |
|         | SONATA (PROX)      | 2011 | 2013 |
|         | TUCSON (PROX)      | 2013 | 2013 |

\*Note: The KIHY100Kit includes both the KI22P and HY22P emergency keys as the Kia and Hyundai vehicles can use either the high security or standard keyway depending on the model type and vehicle package.



| NISSAII KIL |       | Fait Number. NSTOCKII |      |  |
|-------------|-------|-----------------------|------|--|
| MAKE        | MODEL | FROM                  | то   |  |
| 161141      | EVOE  | 2000                  | 0040 |  |



| MAKE     | MODEL                  | FROM | то   |
|----------|------------------------|------|------|
| Infiniti | EX35                   | 2008 | 2013 |
|          | FX35                   | 2009 | 2012 |
|          | FX37                   | 2013 | 2013 |
|          | FX50                   | 2009 | 2013 |
|          | G SERIES               | 2013 | 2013 |
|          | G25                    | 2011 | 2012 |
|          | G35 4DR                | 2007 | 2008 |
| Nissan   | 370Z                   | 2009 | 2013 |
|          | ALTIMA 2DR             | 2007 | 2013 |
|          | ALTIMA 4DR             | 2007 | 2012 |
|          | ALTIMA HYBRID          | 2013 | 2013 |
|          | MAXIMA                 | 2009 | 2013 |
|          | MURANO                 | 2009 | 2012 |
|          | MURANO CROSS CABRIOLET | 2009 | 2013 |



| Ð | Toyota Prius Kit | Part Number: TR100KIT |      |  |
|---|------------------|-----------------------|------|--|
|   | MODEL            | FROM                  | то   |  |
|   | PRIUS            | 2004                  | 2008 |  |

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## **KEYLESS SYSTEMS**





| Volvo Kit | Part Number: VL100KIT |      |  |
|-----------|-----------------------|------|--|
| MODEL     | FROM                  | то   |  |
| S80       | 2008                  | 2011 |  |
| VL70      | 2008                  | 2011 |  |
| XC70      | 2008                  | 2011 |  |



| Volvo Kit for Mega | amos® ID48 | Code: VLMKIT |
|--------------------|------------|--------------|
|--------------------|------------|--------------|

| MODEL | FROM | то    |
|-------|------|-------|
| C30   | 2008 | Today |
| S40   | 2008 | Today |
| S80   | 1999 | Today |
| V40   | 2012 | Today |
| V50   | 2004 | Today |



| VW Kit for Megamos® ID48 |      | Со | de: VWN | 1KI |
|--------------------------|------|----|---------|-----|
| MODEL                    | FROM |    | то      |     |
| PASSAT                   | 2006 |    | 2006    |     |



|    | Chrysler/Dodge/Jeep Kit Part Number: Y100KIT |                                |      |      |
|----|--|--------------------------------|------|------|
|    | MAKE   | MODEL                          | FROM | то   |
| P  | Chrysler                                     | 300, 300C                      | 2008 | 2010 |
|    |  | TOWN & COUNTRY                 | 2008 | 2016 |
| 13 | Dodge  | CHALLENGER                     | 2008 | 2015 |
|    |  | CHARGER                        | 2008 | 2010 |
|    |  | DART                           | 2013 | 2015 |
|    |  | DURANGO                        | 2011 | 2013 |
|    |  | GRAND CARAVAN                  | 2008 | 2016 |
|    |  | JOURNEY                        | 2009 | 2010 |
|    |  | MAGNUM                         | 2008 | 2008 |
|    |  | RAM 1500                       | 2009 | 2009 |
|    | Jeep   | CHEROKEE                       | 2014 | 2015 |
|    |  | COMMANDER                      | 2008 | 2010 |
|    |  | GRAND CHEROKEE                 | 2008 | 2014 |
|    | Ram  | 1500                           | 2010 | 2014 |
|    |  | 2500, 3500 HEAVY DUTY          | 2010 | 2016 |
|    |  | 3500, 4500<br>5500 CHASSIS CAB | 2011 | 2016 |
|    |  | TRADESMAN C/V                  | 2012 | 2014 |
|    | Volkswagen                                   | ROUTAN                         | 2009 | 2012 |
|    |  |                                |      |      |



## **ELECTRONIC HEADS**



TK50
Philips® Crypto
1st Gen.



TK100 Universal Head



TKG
Toyota® 80-bit 'G'



TKM

Megamos® Crypto (ID48)



**TKXX**Chipless Head



RFD100-US-21

Car remote models
for Ford keys Edge Cut Key Blade



Car remote models for Ford keys -Tibbe Key Blade



RFD100-US-40

Car remote models for Ford keys High Security Key Blade

# HORSESHOE BLADES & REMOVAL TOOL

| BMW Blade - HS                     | BM2U    | Hyundai Blade                      | HY14SU |
|------------------------------------|---------|------------------------------------|--------|
| BMW Motorcycle Blade - HS          | BM9U    | Hyundai Blade - HS                 | HY21U  |
| Chevy/Saturn Blade                 | DAE47U  | Hyundai Blade - HS                 | HY21SU |
| Chevy Blade                        | DAE48U  | Jaguar Blade - TIBBE               | JA1U   |
| Chevy Blade                        | DAE48SU | Lexus Short Tapered End Blade - HS | TR48U  |
| Chevy/Pontiac Blade - HS           | HC1U    | Lexus Long Tapered End Blade - HS  | TR49U  |
| Chevy/GM Trucks Blade (Canada)     | TR47SU  | Lexus Short Blade - HS             | TR53U  |
| Chrysler/Dodge/Jeep Blade          | Y160U   | Lexus Long Blade - HS              | TR51U  |
| Chrysler/Dodge/Jeep Blade          | Y170U   | Mazda Blade                        | MZ24U  |
| Dodge/Mercedes Sprinter Blade - HS | MB57U   | Mitsubishi Blade                   | MT1U   |
| Fiat Blade - HS                    | FT22U   | Mitsubishi Blade                   | MT11U  |
| Fiat/Citroen - HS                  | PG83U   | Mitsubishi Blade                   | MT8SU  |
| Ford/Lincoln/Mercury Blade         | FD20U   | Nissan Blade                       | NS34U  |
| Ford/Lincoln/Mercury Blade         | FD21U   | Renault/Dacia Blade                | RN30U  |
| Ford Blade - HS                    | FD40U   | smart Blade - HS                   | PG33U  |
| Ford/Jaguar Blade - TIBBE          | JA2U    | Subaru Blade - HS                  | SUB1U  |
| GM/Cadillac Blade                  | B99U    | Subaru Blade                       | SUB2U  |
| GM/Cadillac Blade                  | B106U   | Suzuki Blade                       | SU15U  |
| GM Blade - HS                      | VX4U    | Suzuki Blade                       | SU19U  |
| GM Blade - HS                      | VX5U    | Toyota Blade                       | TR41U  |
| GM Blade - HS                      | VX6U    | Toyota Blade                       | TR47U  |
| Honda/Acura Blade                  | HD90U   | Volvo Blade - HS                   | VL17U  |
| Honda/Acura Blade - HS             | HD1U    | VW Blade - HS                      | V66U   |
| Hyundai Blade                      | HY7SU   | VW Blade - HS                      | V35U   |
| Hyundai Blade                      | HY12U   | VW Blade - HS                      | V35SU  |
| Hyundai Blade                      | HY14U   | Zadi/Triumph Motorcycle Blade - HS | ZAD20U |

## **HORSESHOE BLADE REMOVAL TOOL**

- Easily remove horseshoe blades from electronic heads with this handy tool
- Part #: BRT100



# REMOTE SHELL REPLACEMENTS

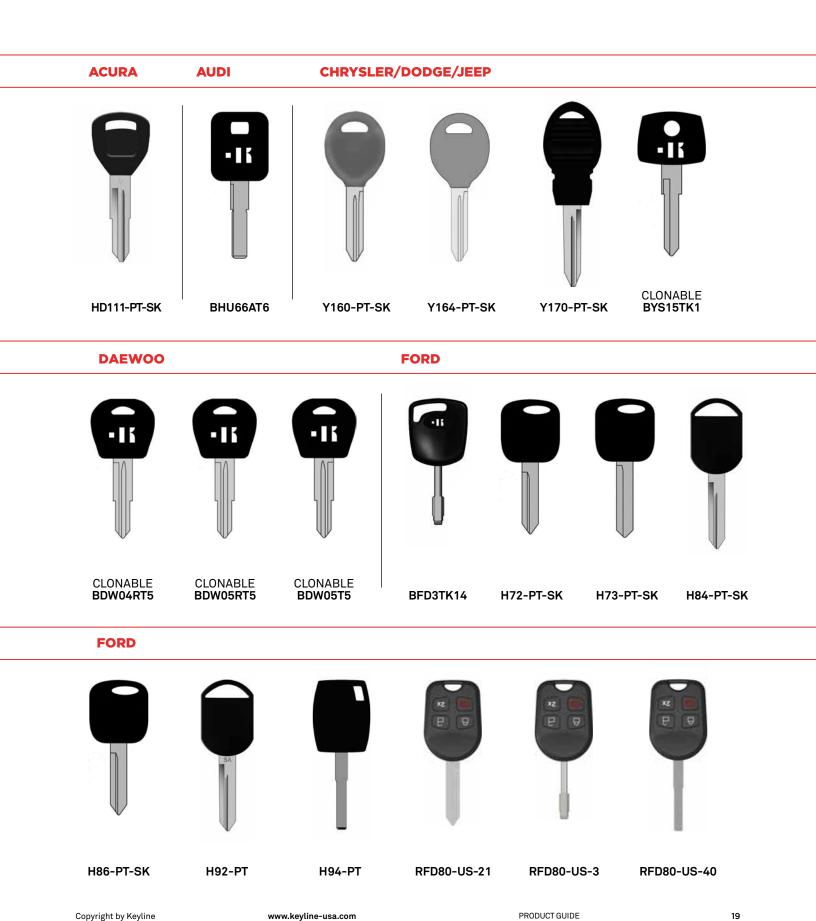


LEXUS SUBARU



#### TOYOTA FORD RFD REPLACEMENT BLADES





**GM** 

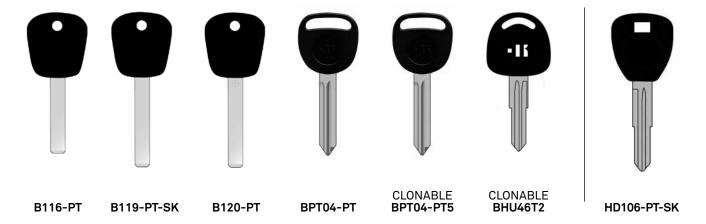


CLONABLE **B97-PT5-SK** B97-PT-SK

B99-PT-SK

CLONABLE CLONABLE B99-PT5-SK B103-PT5-SK B103-PT5-SK B111-PT-SK B114-PT

**GM HONDA** 



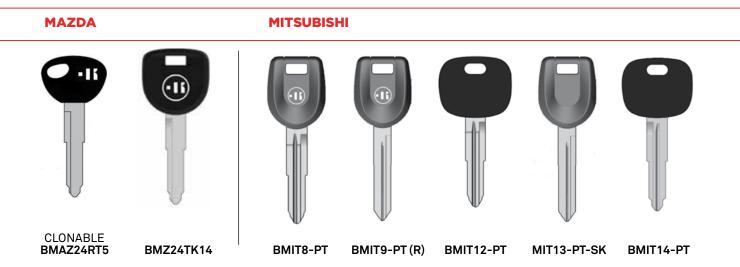
#### **HONDA**

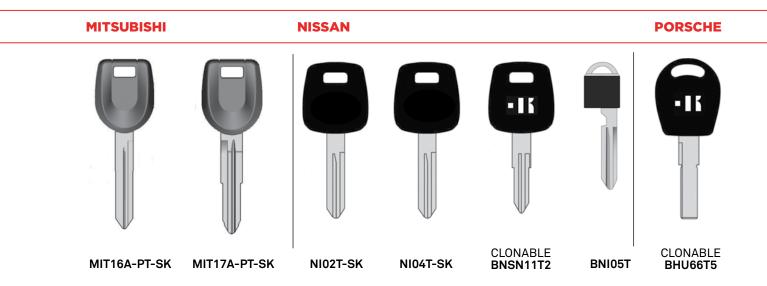
\*Transponder only; remote components not included



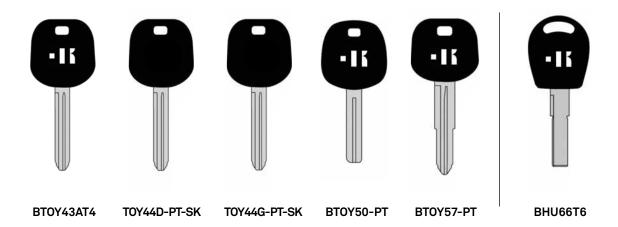
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TOYOTA

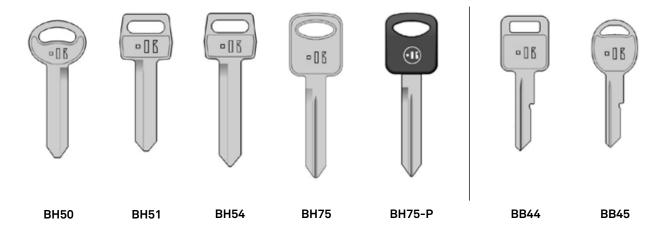


## **NON-TRANSPONDER KEYS**





FORD GM



#### GM



## **NON-TRANSPONDER KEYS**

**GM** 



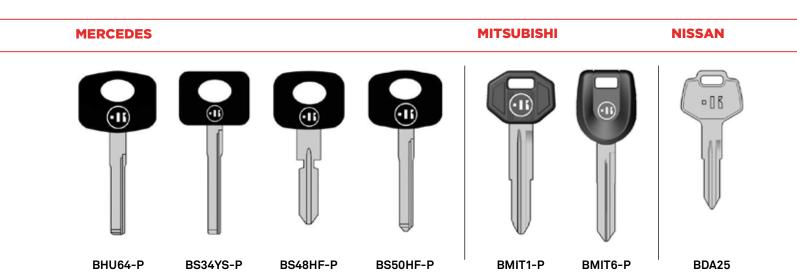
GM HONDA HYUNDAI/KIA



HYUNDAI/KIA LEXUS MAZDA



## **NON-TRANSPONDER KEYS**





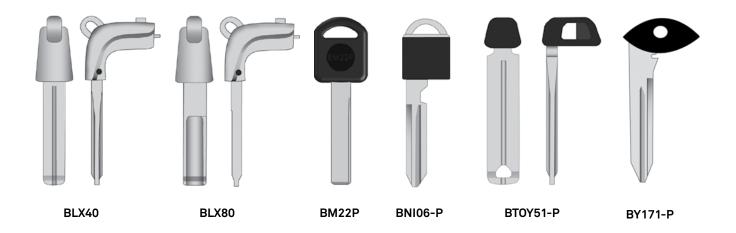


TOYOTA VOLKSWAGEN VOLVO



## **EMERGENCY & TEST KEYS**

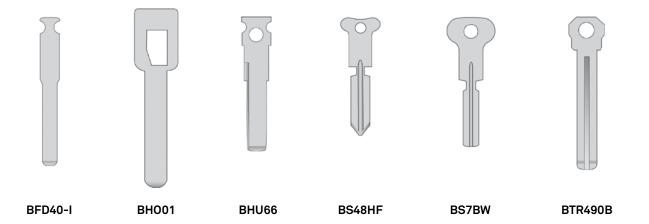
#### **EMERGENCY KEYS**



#### **EMERGENCY KEYS**



#### **TEST BLADES**



## CAMILLO BIANCHI READER ADVANCE

- Camillo Bianchi Reader Advance includes customization software to allow easy addition of new key blanks
- Perfect solution for identifying single or double-sided flat profiles or dimple keys
- Intuitive interface with 7" display
- Simple key insertion slot with grid aligning
- Complete database built-in
- Compact and ergonomic design
- Multiple languages and regions
- Part #: BI702-ADV-NA





| TECHNICAL SPECIFICATIONS |   |
|--------------------------|---|
| Voltage                  | 12V - 24W                                       |
| External Connections     | 1 LAN, 1 USB                                    |
| Software Updates         | Keyonline via USB flash drive or Ethernet cable |
| Dimensions               | 6" x 12" x 12"                                  |
| Weight                   | 9 lbs.  |
| Warranty                 | 2 years   |

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## **994 LASER**

### MARKET-PROVEN AUTOMOTIVE EDGE CUT & HIGH SECURITY KEY MACHINE



- Cuts by code, decode or depths and duplicates high security, double-sided edge cut (optional G Clamp) and 6-cut Tibbe keys (optional H Clamp)
- Complete database of high security systems built-in; no computer needed
- Innovative, 7" color touch screen console features dynamic graphic representation of key cuts and faster software functions
- Integrated stand to hold clamps, tools and cutters
- Electronic calibration

- Key information is automatically converted to original lock specification when duplicating
- Universal 2.5mm carbide cutter used for all high security & Tibbe applications, 1.5mm for edge cut
- Universal tracer for all key applications
- Software easily updated using USB flash drive or Internet
- Includes A & C clamps to cut most popular high security laser keys; B, D, G clamp kit and H clamp available as optional equipment

#### **APPLICATIONS**











WITH H CLAMP







#### **TECHNICAL SPECIFICATIONS**

| Power Supply           | 110v / 60Hz  |
|------------------------|--|
| External Connections   | 2 USB, 2 RS232 serial ports, 1 LAN                           |
| Cutter Speed           | 6,000 RPM  |
| Key Reading / Decoding | Electrical contact   |
| Mobile Capability      | Requires pure sine wave inverter (sold separately)           |
| Dimensions             | 12" x 15" x 14" (machine), 9" x 10" x 6" (console with base) |
| Weight                 | 45 lbs.  |
| Warranty               | 2 years  |

| ACCESSORIES           | PART NUMBER  |
|-----------------------|--|
| A Clamp [Red]         | OPZ03182B (Acura, Honda, Kia, Hyundai, Lexus, Subaru, Toyota, Volvo)                         |
| B Clamp [Grey]        | OPZ03183B (older BMW, Volvo Trucks)  |
| C Clamp [Green]       | OPZ05223B (Audi, BMW, Buick, Chevy, GMC, Porsche, VW)  |
| D Clamp [Blue]        | OPZ03185B (Chrysler Crossfire, Mercedes)   |
| G Clamp Kit [Yellow]  | OPZ09486B [includes 1.5mm cutter, tracer and magnetic tip stop) (double-sided edge cut)      |
| H Clamp Kit [Orange]  | OPZ09523B [includes H clamp Allen tool and calibration template] (6-cut Tibbe Jaguar & Ford) |
| AD03 Adaptor          | B3379 (for certain 80,000 code series Lexus, Toyota and Subaru keys)                         |
| AD02 Adaptor          | OPZ05406B (for Infiniti Q45 and President models)  |
| AD05 Adaptor          | OPZ10269B (for Infiniti QX30)  |
| AV08 Adaptor          | OPZ09329B (for Ducati, Aprilia and Guzzi)  |
| Vacuum Attachment Kit | Tube + Outlet Kit: OPZ05013B; Tube only: OPZ04219B [vacuum sold separately]                  |

| REPLACEMENT PARTS       | PART NUMBER |
|-------------------------|-------------|
| 2.5mm Cutter            | RIC05304B   |
| Universal Tracer        | RIC09483B   |
| 1.5mm Cutter (G Clamp)  | RIC09617B   |
| Magnetic Tip Stop       | RIC08515B   |
| Cutter Install Tool     | RIC03436B   |
| Cutter Belt             | RIC03304B   |
| Calibration Template    | RIC03444B   |
| Keyline USB Flash Drive | PROM012-015 |

## **NINJA LASER**

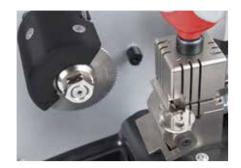
#### **DUAL CODE CUTTING KEY MACHINE FOR EDGE CUT AND HIGH SECURITY**



- Cuts by code, decode or depths and duplicates high security on AC Clamp and 6-cut Tibbe keys (with optional H Clamp)
- Cuts by code, decode or depths and duplicates single and double-sided automotive edge cut and commercial and residential keys on 4-sided clamp
- Electronic calibration
- Complete database of key systems built-in; no computer needed

- Innovative, 7" color touch screen console features dynamic graphic representation of key cuts and faster software functions
- Key information is automatically converted to original lock specification when duplicating
- Software easily updated using USB flash drive or Internet









| TECHNICAL S | SPECIFICATIONS |
|-------------|----------------|
|-------------|----------------|

| Power Supply           | 110v / 60Hz   |
|------------------------|---|
| External Connections   | 2 USB, 2 RS232 serial ports, 1 LAN                      |
| Cutter Speed           | 6,000 RPM (Laser side); 1,500-3,000 RPM (Edge Cut side) |
| Key Reading / Decoding | Electrical contact                                      |
| Mobile Capability      | Requires pure sine wave inverter (sold separately)      |
| Dimensions             | 15" x 17" x 13" (machine), 8" x 6" x 3" (console)       |
| Weight                 | 60 lbs.   |
| Warranty               | 2 years   |

| ACCESSORIES         | PART NUMBER  |
|---------------------|--|
| AC Clamp[included]  | OPZ09734B (Acura, Audi, BMW, GM, Honda, Kia, Hyundai, Lexus, Subaru, Porsche, Toyota, Volvo, VW) |
| B Clamp             | OPZ09781B (older BMW, Volvo)   |
| D Clamp             | OPZ09783B (Chrysler Crossfire, Mercedes)   |
| H Clamp Kit         | OPZ09523B [includes H clamp Allen tool and calibration template] (6-cut Tibbe Jaguar & Ford)     |
| AD03 Adaptor        | B3379 (for certain Lexus, Toyota and Subaru keys)  |
| AD02 Adaptor        | OPZ05406B (for Infiniti Q45 and President models)  |
| AD05 Adaptor        | OPZ10269B (for Infiniti QX30)  |
| AV08 Adaptor        | OPZ09329B (for Ducati, Aprilia and Guzzi)  |
| Console Arm Support | OPZ09454B  |

| REPLACEMENT PARTS                     | PART NUMBER |
|---------------------------------------|-------------|
| 2.5mm Cutter                          | RIC05304B   |
| Universal Tracer                      | RIC09483B   |
| 63mm Carbide Cutter                   | RIC09168B   |
| Magnetic Tip Stop (AC Clamp)          | RIC08515B   |
| Magnetic Tip Stop (N01 Clamp)         | OPZ09874B   |
| Standard Tip Stops (N01 Clamp) (Pair) | RIC02186B   |
| Cutter Belt                           | RIC10005B   |
| Keyline USB Flash Drive               | PROMO12-015 |

## **NINJA TOTAL**

#### COMPLETE CODE CUTTING KEY MACHINE FOR SECURITY PROFESSIONALS



- Cuts by code, decode or depths for high security, edge cut and dimple keys
- Z-axis allows for easy key insertion and dimple key cutting
- Complete database of key systems built-in; no computer needed
- Innovative, 7" color touch screen console features dynamic graphic representation of key cuts and faster software functions

- Electronic calibration
- Software easily updated using USB flash drive or Internet
- Includes A02, A03 and C30 clamps for high security, dimple and engraving and 4-sided clamp for edge cut





#### **APPLICATIONS**





















| TECHNICAL SPECIFICATIONS |  |  |
|--------------------------|--|--|
| Power Supply             | 110v / 60Hz  |  |
| External Connections     | 2 USB 2.0 ports, 2 RS232 serial ports, 1 LAN   |  |
| Key Reading / Decoding   | Mechanical tracer with linear sensor (Edge Cut side); Electrical contact (Laser/Dimple side) |  |
| Cutter Speed             | 13,000 RPM (Laser/Dimple side); 1,500-3,000 RPM (Edge Cut side)                              |  |
| Electronic Equipment     | Mainboard with ARM Cortex A8 CPU, 256 MB RAM, NAND 1 GB memory                               |  |

**Dimensions** 15" x 17" x 13 (machine), 8" x 6" x 3" (console)

Weight 65 lbs.

Warranty 2 years

| ACCESSORIES             | PART NUMBER |
|-------------------------|-------------|
| A01 Clamp               | OPZ04871B   |
| A02 Clamp [included]    | OPZ04873B   |
| A03 Clamp [included]    | OPZ04875B   |
| A04 Clamp               | OPZ04877B   |
| C30 Clamp [included]    | OPZ10569B   |
| AV12 Adaptor [included] | OPZ10582B   |
| Console Arm Support     | OPZ09454B   |

| REPLACEMENT PARTS         | PART NUMBER |
|---------------------------|-------------|
| REPLACEMENT PARTS         | PARI NUMBER |
| V001 Dimple Cutter        | RIC05044B   |
| T02 Dimple Tracer         | RIC05352B   |
| V003 High Security Cutter | RIC05048B   |
| T01 High Security Tracer  | RIC05348B   |
| V000 Engraving Cutter     | RIC05050B   |
| 4mm T-handle Wrench       | RIC08684B   |
| 63mm Carbide Cutter       | RIC09168B   |
| Cutter Belt               | RIC09953B   |
| Keyline USB Flash Drive   | PROM012-015 |



#### HIGH PERFORMANCE MACHINE FOR HIGH SECURITY & DIMPLE KEYS



- Cuts by code, decode or depths and engraves high security and dimple keys
- Complete database of key systems built-in; no computer needed
- Innovative, 7" color touch screen console features dynamic graphic representation of key cuts and faster software functions

- Key cutting machine for high volume of keys
- Protective safety shield keeps work area clean
- Software easily updated via Internet
- Includes A01, A02 and A03 clamps for cutting high security keys
- Includes C01 clamp for engraving & dimple keys

#### APPLICATIONS

















| TECHNICAL SPECIFICATIONS |  |
|--------------------------|--|
| Power Supply             | 110v / 60Hz  |
| External Connections     | 2 USB, 1 RS232 serial port, 1 LAN, 1 VGA socket    |
| Key Reading / Decoding   | Electrical contact                                 |
| Cutter Speed             | 28,000 RPM   |
| Mobile Capability        | Requires pure sine wave inverter (sold separately) |
| Dimensions               | 20" x 17" x 15"                                    |
| Weight                   | 82 lbs.  |
| Warranty                 | 2 years  |

| ACCESSORIES          | PART NUMBER |
|----------------------|-------------|
| A01 Clamp [included] | OPZ04871B   |
| A02 Clamp [included] | OPZ04873B   |
| A03 Clamp [included] | OPZ04875B   |
| C01 Clamp [included] | OPZ04879B   |

| REPLACEMENT PARTS         | PART NUMBER |
|---------------------------|-------------|
| V001 Dimple Cutter        | RIC05044B   |
| T02 Dimple Tracer         | RIC05352B   |
| V003 High Security Cutter | RIC05048B   |
| T01 High Security Tracer  | RIC05348B   |
| V000 Engraving Cutter     | RIC05050B   |
| 4mm T-handle Wrench       | RIC08684B   |
| Cutter Belt               | RIC06156B   |

## **DEZMO + DROMO**

#### INNOVATIVE INDUSTRIAL MACHINE FOR VOLUME KEY CUTTING



- Cuts by code and duplicates residential, commercial, padlock and automotive keys
- Complete database of key systems built-in; no computer needed
- Innovative, 7" color touch screen console features graphic representation of key cuts

- 4-sided clamp with 80mm carbide cutter
- Optical key reading
- Optional robotic key feeder, Dromo (as shown) to handle large volumes of keys
- Software easily updated using USB flash drive or Internet

#### **APPLICATIONS**

















| TECHNICAL SPECIFICATIONS |   |  |
|--------------------------|---|--|
| Power Supply             | 110v / 60Hz   |  |
| External Connections     | 2 USB, 1 LAN, 1 VGA socket                          |  |
| Key Reading / Decoding   | Static reading from digital image (Optical + CCD)   |  |
| Cutter Speed             | 2000-3000 RPM (variable speed according to program) |  |
| Dimensions               | 21" x 20" x 18" (machine), 10" x 15" x 4" (console) |  |
| Weight                   | 100 lbs.  |  |
| Warranty                 | 2 years   |  |

| ACCESSORIES      | PART NUMBER                           |
|------------------|---------------------------------------|
| Dromo Key Feeder | B1699 (available for Dezmo Open only) |

| REPLACEMENT PARTS         | PART NUMBER |
|---------------------------|-------------|
| 80mm Carbide Cutter (F01) | RIC08143B   |
| Standard Tip Stops (Pair) | RIC02186B   |
| Keyline USB Flash Drive   | PROM012-015 |



## **NEW HIGH SECURITY AND DIMPLE KEY DUPLICATOR WITH ADVANCED FEATURES**



- Duplicates high security and dimple style automotive keys
- Innovative jaw with 3 clamp system accommodates a variety of key types
- Intuitive LED panel facilitates operations on the machine
- Non-glare lighting illuminates work space

- Large chip tray keeps work area clean
- Integrated cutting mills holder with highly accessible working area allows for easy cutter and tracer change
- Accessory holder keeps spare parts handy
- Adaptors sold separately; Audi/VW (MA), Mercedes 2-Track (MM)

# APPLICATIONS











MUL.T.LOCK







| TECHNICAL SPECIFICATIONS |                         |
|--------------------------|-------------------------|
| Power Supply             | 110v / 60Hz             |
| Cutter Motor             | Single speed            |
| Cutter Speed             | 6000 RPM                |
| Dimensions               | 12 1/2" x 16 1/2" x 19" |
| Weight                   | 53 lbs.                 |
| Warranty                 | 2 years                 |

| ACCESSORIES              | PART NUMBER |
|--------------------------|-------------|
| Audi/VW Adaptor          | MA          |
| Mercedes 2-Track Adaptor | MM          |

| REPLACEMENT PARTS            | PART NUMBER |
|------------------------------|-------------|
| 2.5mm Cutter (HC011)         | RIC01810B   |
| 2.5mm Tracer (C011)          | RIC01811B   |
| 3mm Cutter (HC030)           | RIC01715B   |
| 3mm Tracer (C030)            | RIC01716B   |
| 2mm Cutter (HC044)           | RIC01816B   |
| 2mm Tracer (C044)            | RIC01817B   |
| 0.45mm Dimple Cutter (HB020) | RIC01793B   |
| 0.45mm Dimple Tracer (B020)  | RIC01794B   |
| 0.70mm Dimple Cutter (HB001) | RIC01791B   |
| 0.70mm Dimple Tracer (B001)  | RIC01792B   |

# ROBUST, INNOVATIVE HIGH SECURITY AND DIMPLE KEY DUPLICATOR



- Duplicates high security and dimple style automotive keys
- Microswitch activated cutter start with vertical and lateral carriage locking
- Removable faceplates
- Long lasting LED-style light

- Dual mode system; red button calibrates, black button cuts
- Three dimensional calibration results in greater cut accuracy
- Adaptors sold separately; Audi/VW (MA), Mercedes 2-Track (MM)

# **APPLICATIONS**







PRODUCT GUIDE











| TECHNICAL SPECIFICATIONS |                 |  |
|--------------------------|-----------------|--|
| Power Supply             | 110v / 60Hz     |  |
| Cutter Motor             | Single speed    |  |
| Cutter Speed             | 6000 RPM        |  |
| Dimensions               | 15" x 15" x 20" |  |
| Weight                   | 45 lbs.         |  |
| Warranty                 | 2 years         |  |

| ACCESSORIES              | PART NUMBER |
|--------------------------|-------------|
| Audi/VW Adaptor          | МА          |
| Mercedes 2-Track Adaptor | ММ          |
| Removable Faceplates     | RIC02648B   |

| REPLACEMENT PARTS            | PART NUMBER |
|------------------------------|-------------|
| 2.5mm Cutter (HC011)         | RIC01810B   |
| 2.5mm Tracer (C011)          | RIC01811B   |
| 3mm Cutter (HC030)           | RIC01715B   |
| 3mm Tracer (C030)            | RIC01716B   |
| 2mm Cutter (HC044)           | RIC01816B   |
| 2mm Tracer (C044)            | RIC01817B   |
| 0.45mm Dimple Cutter (HB020) | RIC01793B   |
| 0.45mm Dimple Tracer (B020)  | RIC01794B   |
| 0.70mm Dimple Cutter (HB001) | RIC01791B   |
| 0.70mm Dimple Tracer (B001)  | RIC01792B   |



# **ECONOMICAL HIGH SECURITY AND DIMPLE KEY DUPLICATOR**



- Duplicates high security and dimple style automotive keys
- Flip down safety shield
- Cutter storage built into top of machine
- Spring loaded tracer assembly for dimple keys
- Adaptors sold separately; Audi/VW (MA), Mercedes 2-Track (MM)

## **APPLICATIONS**

















| TECHNICAL SPECIFICATIONS |                 |
|--------------------------|-----------------|
| Power Supply             | 110v / 60Hz     |
| Cutter Motor             | Single speed    |
| Cutter Speed             | 9000 RPM        |
| Dimensions               | 10" x 15" x 20" |
| Weight                   | 45 lbs.         |
| Warranty                 | 2 years         |

| ACCESSORIES              | PART NUMBER |
|--------------------------|-------------|
| Audi/VW Adaptor          | MA          |
| Mercedes 2-Track Adaptor | MM          |

| REPLACEMENT PARTS            | PART NUMBER |
|------------------------------|-------------|
| 2.5mm Cutter (HC011)         | RIC01810B   |
| 2.5mm Tracer (C011)          | RIC01811B   |
| 3mm Cutter (HC030)           | RIC01715B   |
| 3mm Tracer (C030)            | RIC01716B   |
| 2mm Cutter (HC044)           | RIC01816B   |
| 2mm Tracer (C044)            | RIC01817B   |
| 0.45mm Dimple Cutter (HB020) | RIC01793B   |
| 0.45mm Dimple Tracer (B020)  | RIC01794B   |
| 0.70mm Dimple Cutter (HB001) | RIC01791B   |
| 0.70mm Dimple Tracer (B001)  | RIC01792B   |
|                              |             |

# **META 106**

## **SEMI-AUTOMATIC DUPLICATOR FOR EDGE CUT KEYS**



- Four-way reversible clamps securely hold residential, commercial, padlock and single and double sided automotive keys
- Microswitch activated carriage with improved spring loaded design
- Press down levers for easy jaw side selection
- Overhead light with ON/OFF switch includes drop down magnifying glass

- One-piece clamp alignment with locking mechanism preventing accidental jaw release
- Wide clamp spacing accommodates longer and larger headed keys
- Micrometric tracer adjustment for quick and accurate depth calibration
- Also available in carbide cutter version (Part number: B106-C)

## **APPLICATIONS**



















| TECHNICAL SPECIFICATIONS |                 |  |
|--------------------------|-----------------|--|
| Power Supply             | 110v / 60Hz     |  |
| Cutter Motor             | 1/4 HP          |  |
| Cutter Speed             | 1680 RPM        |  |
| Dimensions               | 18" x 15" x 17" |  |
| Weight                   | 55 lbs.         |  |
| Warranty                 | 2 years         |  |

| ACCESSORIES        | PART NUMBER   |
|--------------------|---|
| Carbide Cutter Kit | RIC08143B & OPZ05819B (80mm carbide cutter + pulleys) |

| REPLACEMENT PARTS   | PART NUMBER |
|---------------------|-------------|
| 80mm HSS Cutter     | RIC05808B   |
| 80mm Carbide Cutter | RIC08143B   |
| Tracer Point        | OPZ05813B   |
| Tip Stops (Pair)    | RIC05196B   |
| Tynex Brush         | RIC04636B   |
| Light Bulb          | B1615       |



# **SMALL PROFILE, MANUAL DUPLICATOR FOR EDGE CUT KEYS**



- Four-way reversible clamps securely hold residential, commercial, padlock and single and double sided automotive keys
- Ergonomic clamp knobs securely tighten down keys
- Redesigned body style features more modern and functional design
- Large safety shield
- Independent brush button

## **APPLICATIONS**







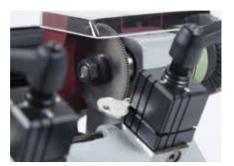












| TECHNICAL SPECIFICATIONS |                |  |
|--------------------------|----------------|--|
| Power Supply             | 110v / 60Hz    |  |
| Cutter Motor             | Single speed   |  |
| Cutter Speed             | 9000 RPM       |  |
| Dimensions               | 9" x 15" x 21" |  |
| Weight                   | 47 lbs.        |  |
| Warranty                 | 2 years        |  |

| REPLACEMENT PARTS | PART NUMBER |
|-------------------|-------------|
| 80mm Cutter       | RIC02098B   |
| Tynex Brush       | RIC01743B   |

# **FALCON**

## MANUAL CODE CUTTING MACHINE FOR TIBBE STYLE KEYS



- Manual code machine for 6-cut and 8-cut Tibbe keys
- Independent adaptor allows for 360 degree key rotation

- Microswitch activated cutter start and stop
- Independent soft touch brush button

# **APPLICATIONS**















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| TECHNICAL SPECIFICATIONS |                    |  |
|--------------------------|--------------------|--|
| Power Supply             | 110v / 60Hz        |  |
| Cutter Motor             | Single speed       |  |
| Cutter Speed             | 1500 RPM           |  |
| Dimensions               | 15 ¾" x 14 ½" x 9" |  |
| Weight                   | 38 lbs.            |  |
| Warranty                 | 2 years            |  |

| ACCESSORIES      | PART NUMBER |
|------------------|-------------|
| Abus Clamp (02)  | OPZ08763B   |
| Abloy Clamp (03) | OPZ08773B   |

| REPLACEMENT PARTS | PART NUMBER |
|-------------------|-------------|
| 80mm Cutter       | RIC09113B   |
| Tynex Brush       | RIC04636B   |

# **ARCADIA**

## MANUAL TUBULAR KEY CUTTING MACHINE



- 7 clamps available for a wide variety of tubular style keys
- Built in clamp storage compartments
- Bright LED lighted cutting bay

- Microswitch activated cutter start and stop
- Includes KT0 clamp for Chicago and Meroni keys

# **APPLICATIONS**















| TECHNICAL SPECIFICATIONS |                     |
|--------------------------|---------------------|
| Power Supply             | 110v / 60Hz         |
| Cutter Motor             | Single speed        |
| Cutter Speed             | 1500 RPM            |
| Dimensions               | 8 ¼" x 15 ¾" x 8 ¼" |
| Weight                   | 28 lbs.             |
| Warranty                 | 2 years             |

| ACCESSORIES          | PART NUMBER |
|----------------------|-------------|
| Clamp KTO (included) | OPZ09216B   |
| Clamp KT2            | OPZ08620B   |
| Clamp KT3            | OPZ08575B   |
| Clamp KT4            | OPZ08582B   |
| Clamp KT5            | OPZ08558B   |
| Clamp KT6            | OPZ08885B   |
| Clamp KT7            | OPZ08888B   |
| Clamp KT8            | OPZ08568B   |
| Clamp KT9            | OPZ08579B   |
| Clamp KT13           | OPZ08573B   |

| REPLACEMENT PARTS | PART NUMBER |
|-------------------|-------------|
| Cylindric Cutter  | RIC08866B   |
| Tracer            | RIC08608B   |



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