



JMA LINE
VEHICLES
MOTORCYCLE
NORTH AMERICAN CYLINDER
INTERNATIONAL CYLINDER
FLAT KEYS
BIT AND BARREL
CROSS KEYS
SPECIAL KEYS
PRO LINE
QUICKBLANKS LINE

THE LEADER IN TECHNOLOGY

EL LIDER EN TECNOLOGÍA

THE LEADER IN QUALITY

EL LIDER EN CALIDAD

**THE LEADER IN THE
COMMITMENT TO THE
ENVIRONMENT**

*EL LIDER EN COMPROMISO
MEDIOAMBIENTAL*

THE LEADER IN SERVICE

EL LIDER EN SERVICIO

**GLOBALLY UNLOCKING
MILLIONS OF DOORS**

*ABRIENDO MILLONES DE
PUERTAS EN TODO EL MUNDO*

KEYS - LLAVES 2011

(C.8)

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ENGLISH

GENERAL CATALOGUE C.8

The keys that appear in this catalogue are **JMA** parts manufactured by Llaves Altuna de México S.A. de C.V. or one of its subcontractors. They are designed for cylinders and locks made by the manufacturers whose trademarks are indicated in this catalogue.

In accordance with legal requirements relating to industrial property rights, the trademarks or trade names indicated in this catalogue are the exclusive property of the manufacturers of the cylinders and locks, as well as automobile manufacturers, other constructors, distributors and users.

The aforementioned trademarks or trade names are indicated for information purposes only so that the lock

to which our parts correspond can be recognized quickly and easily.

This catalogue is for the exclusive use of professional key duplicators who use **JMA** parts. Data referring to the products in this catalogue are indicative in nature. Although the basic characteristics are maintained at all times, we reserve the right to make, without previous notice, any technical, aesthetic or other types of changes involved in the development of the products in question. Some of the keys in this new catalogue could be received either with the **JMA** reference and trademark or with another trademark from the ALTUNA group.

ESPAÑOL

CATÁLOGO GENERAL C.8

Las llaves que aparecen en este catálogo son piezas **JMA** fabricadas por Llaves Altuna de México S.A. de C.V. o un subcontratista de éste. Están diseñadas para cilindros y cerraduras de los fabricantes cuyas marcas se indican en este catálogo.

Conforme a las disposiciones legales vigentes relativas a la propiedad industrial, las marcas o nombres comerciales indicados en este catálogo son propiedad exclusiva de los fabricantes de cilindros y cerraduras, así como de los fabricantes de automóviles, otros constructores, distribuidores y usuarios.

Dichas marcas o nombres comerciales se indican en calidad simplemente informativa con el fin de reconocer

con rapidez la cerradura a la que corresponden nuestras piezas.

Este catálogo está reservado exclusivamente a profesionales de la reproducción de llaves que utilizan piezas **JMA**.

Los datos referentes a los productos de este catálogo tienen carácter indicativo. Manteniendo siempre las características básicas, nos reservamos el derecho de realizar, sin previo aviso, modificaciones técnicas, estéticas o de otro tipo, por razones de evolución de los productos en cuestión.

Algunos modelos que están en este nuevo catálogo podrán recibirlos tanto con la marca y la referencia **JMA** como con otra marca del grupo ALTUNA.

FRANÇAIS

CATALOGUE GENERALE C.8

Les ébauches de clés reportées sur ce catalogue sont des ébauches **JMA** fabriquées par Llaves Altuna de México S.A. de C.V. ou un de ses sous-traitants. Elles sont destinées aux cylindres et serrures des fabricants dont les marques sont indiquées dans ce catalogue.

Conformément aux dispositions légales en vigueur relatives à la propriété industrielle, les marques ou les dénominations commerciales citées dans ce catalogue sont la propriété exclusive des fabricants de cylindres et de serrures ainsi que des constructeurs de voitures, autres constructeurs, distributeurs et utilisateurs.

Ces marques ou dénominations commerciales sont indiquées à titre de simple information afin de con-

naître rapidement à quelle serrure nos ébauches sont destinées.

Ce catalogue est exclusivement réservé aux professionnels de la reproduction de clés, utilisant des ébauches **JMA**.

Les renseignements sur les produits de ce catalogue sont donnés à titre indicatif. Tout en gardant les caractéristiques de base, nous nous réservons le droit d'apporter, sans préavis, des modifications techniques, esthétiques ou autres, dues à l'évolution des produits en question.

Les ébauches dans ce catalogue peuvent être livrées soit avec la marque et référence **JMA**, ou avec une autre marque du Group Altuna.

GENERAL CATALOGUE C.8

CATÁLOGO EN GENERAL C.8

THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS



ENGLISH

OUR SUCCESS IS BASED ON OUR PEOPLE'S COMMITMENT

Llaves Altuna de México S.A. de C.V. is part of The **Altuna Group**. The Altuna Group is a global network of production and marketing companies, dedicated to providing the Security Industry with outstanding Key Blanks, Key Machines and locksmith related products under the **JMA** brand.

We primarily serve the lock and automotive OEM (Original Equipment Manufacturer) market, and provide superior aftermarket products with three distinct product lines: JMA Line, Pro Line and Quickblanks.

Operations of our Guadalajara plant began in April 1997. This plant was originally conceived to serve the OEM market, but in late 1999 **JMA** began building a solid reputation in the aftermarket of many countries in North, Central and South America. Our distribution center in Texas was created in 2004 as part of the **Altuna Group's** Internationalization strategy. Currently, **JMA** is the largest key blank manufacturer in Europe, and Mexico.

JMA is made up of a driven, committed and motivated team bound by a common project. 13 companies in 4 continents work together for the development, enhancement and strengthening of the **JMA** brand.

ESPAÑOL

NUESTRO ÉXITO ESTÁ BASADO EN EL COMPROMISO DE LAS PERSONAS

Llaves Altuna de México S.A. de C.V., sociedad parte de **Altuna Group**, fábrica todo tipo de llaves para cerradura. Sus productos van destinados a el mercado OEM (Original Equipment Market) y de reposición bajo sus tres líneas de Productos; Línea JMA, Línea Proline y Línea Quickblanks.

Para Abril de 1997 se inician actividades en la planta de Guadalajara que fuera inicialmente dedicada al mercado OEM. A finales del año de 1999, se incursiona en el mercado de reposición con la marca **JMA**. La línea Similar – ahora conocida como Proline, es lanzada para el año del 2003, y en el año 2006 se incursiona en el mercado americano, para el que se diseñaría la línea Quickblanks, que vería la luz para el año de 2008. Esta línea representa las llaves de más alto movimiento en el mercado a un precio económico.

Esta estrategia de apertura de mercados exteriores, apoyada en la internacionalización y siempre basada en un enfoque innovador de los productos industriales, ha convertido a **Altuna Group** en el primer productor de llaves europeo y mexicano, y referente mundial en este campo.

Actualmente, 13 compañías en 4 continentes trabajan conjuntamente para el desarrollo y potenciación de la fuerza de nuestra marca **JMA**, conocida en más de 100 países en todo el mundo.

JMA integra equipos de personas comprometidas y motivadas por un proyecto común que nos ha permitido ser el líder en la fabricación de llaves.

JMA IS COMMITMENT

JMA ES COMPROMISO · JMA EST UN ENGAGEMENT



FRANÇAIS

NOTRE SUCCÈS EST FONDÉ SUR L'ENGAGEMENT DE NOTRE PERSONNEL

*Llaves Altuna de México S.A. de C.V., société au sein du **Group Altuna**, fabrique un assortiment important de clés pour verrouillage. Nos produits sont destinés au Marché de fabrication original (OEM) et le marché de remplacement.*

*Llaves Altuna de México S.A. de C.V., A ouvert ses portes en Avril 1997 au Mexique (Guadalajara) pour répondre à une demande croissante de nos partenaires OEM. En 1999 ont lancé les clés **JMA** au marché de remplacement Nord Américain. Synonyme de qualité La Marque Proline a été lancée en 2003 et a connue un succès immédiat auprès des professionnels de l'industrie ; cette ligne offre des clés qui sont très proches de l'origine en vue et qualité. Proline et le choix d'excellence des professionnels ! 2008 a connue le lancement de la marque Quickblanks, cette ligne représente les clés à volume important. La marque QuickBlanks présente un excellent rapport qualité prix.*

Notre stratégie d'ouverture sur les marchés extérieurs et notre volonté d'internationalisation a toujours été soutenue par une approche innovante des procédés industriels, qui a fait de nous un leader et référent mondial dans ce domaine.

*Aujourd'hui, le **Group Altuna** compte 13 entreprises sur 4 continents et une présence commerciale dans plus de 100 Pays.*

*Les équipes **JMA** sont formées de personnes motivées et pleinement investies dans un projet commun, chose qui nous a permis d'être un leader dans la fabrication de clés.*

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ENGLISH:

THE LEADER IN TECHNOLOGY:

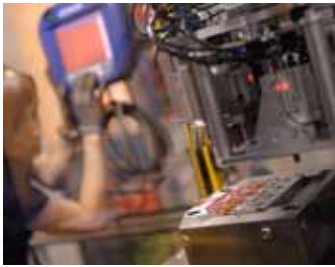
A definite focus on automation of our production process together with a strong investment policy in all our production facilities ensures **JMA's** competitiveness and long-term future.

THE LEADER IN QUALITY:

Quality has always been a cornerstone of **JMA's** business model. Our quality policy is based on prevention planning, continuous improvement, customer satisfaction and employee participation.

These values have been the core of our company philosophy from the start and enables **JMA** to ensure competitiveness and long-term success. Our commitment to quality, in conjunction with a solid investment policy in terms of equipment and machinery, has been the main reason behind **JMA's** global success.

In addition to Quality Certification ISO 9001, **JMA** operates Quality Management Systems approved by the leading companies in the automotive, commercial and residential sectors in all of our manufacturing facilities. Our commitment in the future is to continue adapting to the market's new quality requirements, incorporating key aspects in our company's culture such as leadership, customer focus and workforce development.



THE LEADER IN THE COMMITMENT TO THE ENVIRONMENT:

JMA best environmental practice is the norm and not the exception. Our team is part of a business project that respects the environment and contributes to the sustainable development of our community.

JMA was the first key manufacturer in the world to achieve ISO 14001 certification for its management system in 2000. This system incorporates the environmental policy, which includes the company's values and commitments, as well as procedures that ensure good environmental practice throughout the company.

THE LEADER IN SERVICE:

The efficiency of a company is shown in its capacity to respond with the maximum speed and effectiveness to the needs and requirements of its customers, wherever they are based.

JMA places at your disposal 5 production plants based in strategic locations. Along with our extensive network of associate and distribution companies located throughout the world, we can provide world class service wherever our customers may be based.



ESPAÑOL:

LIDER EN TECNOLOGÍA:

Una apuesta sólida por la calidad y la innovación basada en la automatización y garantía de procesos y soportada por una vocación inversora a largo plazo.

LIDER EN CALIDAD:

En el ámbito de la Calidad **JMA** siempre ha sido una empresa líder y pionera en su sector. Nuestra política de calidad se basa en la prevención y planificación, mejora continua, satisfacción del cliente y participación de las personas.

Estos valores están impregnados en nuestra empresa desde sus orígenes y han sido, junto con una adecuada política de inversión en instalaciones y maquinaria, el motivo principal de nuestro éxito, que además nos permite asegurar la competitividad de la empresa y con ello el futuro a largo plazo.

Además de la Certificación en Calidad de acuerdo a la ISO 9001, **JMA** acoge Sistemas de Gestión de la Calidad homologados por las empresas líderes del sector de automoción y residencial. Actualmente nuestra empresa es reconocida en el mercado europeo como líder en este campo.

LIDER EN EL COMPROMISO POR EL MEDIO AMBIENTE:

Las buenas prácticas medioambientales son la norma y no la excepción. Nuestro equipo forma parte de un proyecto de empresa respetuoso con el medioambiente y que colabora con el desarrollo sostenible de nuestro entorno.

JMA fue el primer fabricante mundial de llaves en conseguir en 2000 el certificado ISO 14001 para su Sistema de Gestión. Este Sistema incorpora la política medioambiental, donde se recogen los valores y compromisos de la empresa, así como procedimientos que desarrollan los sistemas de trabajo y garantizan las correctas prácticas medioambientales en todos los ámbitos de la empresa.

LIDER EN SERVICIO:

La realidad de una empresa se demuestra en su capacidad por responder con la máxima celeridad y eficacia a las necesidades y exigencias de los clientes. Se encuentren donde se encuentren. **JMA** pone a su disposición 5 plantas productivas en localizaciones estratégicas. Además, gracias a su amplia red de filiales y empresas distribuidoras repartidas por todo el mundo, le permite llegar a cualquier cliente, se cual sea su ubicación.

JMA, THE LEADER

JMA, EL LÍDER · JMA, LE LEADER



FRANÇAIS:

LEADER EN TECHNOLOGIE:

Un pari résolu sur la qualité et l'innovation basée sur l'automatisation et la garantie des process et soutenu par une vocation d'investissement à long terme.

LEADER EN QUALITÉ :

Dans le domaine de la Qualité, JMA a toujours été une entreprise pionnière et leader de son secteur. Notre politique de qualité est assise sur la prévention et planification, l'amélioration continue, la satisfaction du client et la participation des personnes. Ces valeurs irriguent notre entreprise depuis sa création. Soutenues par une politique constante d'investissement en installations et machines, elles expliquent, notre succès et, de plus, nous permettent d'assurer la compétitivité de l'entreprise et donc notre futur à long terme.

Bénéficiant de la Certification de Qualité selon la norme ISO 9001, JMA s'appuie sur des systèmes de gestion de la qualité homologués par les principaux constructeurs, aussi bien automobiles que du bâtiment. Aujourd'hui, notre entreprise est reconnue par le marché européen comme le leader du secteur.

LEADER EN ENGAGEMENT ENVIRONNEMENTAL:

Pour JMA, les bonnes pratiques environnementales sont la règle et non l'exception. Notre équipe fait partie d'un projet entrepreneurial respectueux de l'environnement qui collabore au développement durable de notre milieu.

JMA a été le premier fabricant mondial de clés à obtenir, dès 2000, le certificat ISO 14001 pour son système de gestion. Ce système comporte deux piliers: la politique environnementale, où sont définis les valeurs et les engagements de l'entreprise, et les procédures qui développent les systèmes de travail et qui garantissent les bonnes pratiques environnementales dans tous les domaines d'activité.

LEADER EN SERVICE:

La réalité d'une entreprise se démontre par sa capacité à répondre le plus promptement et le plus efficacement possible aux besoins et aux exigences des clients. Où qu'ils se trouvent.

JMA place à leur disposition 5 sites de production situés dans des lieux stratégiquement choisis. De plus, grâce à notre vaste réseau de filiales et de distributeurs répartis dans le monde entier, nous pouvons toucher tous nos clients, où qu'ils soient.

13 companies in 13 countries; 400 people and over 450 million keys sold in more than 100 countries all over the 5 continents.

13 Compañías en 13 países; 400 personas y más de 450 millones de llaves al año en más de 100 países en todo el mundo.

13 sociétés dans 13 pays ; 400 personnes et plus de 450 millions de clés vendues chaque année dans plus de 100 pays de quatre continents.

JMA WORLDWIDE

JMA's potential worldwide is based on its production plants and commercial subsidiaries in Europe, North and South America, Asia and Africa.

*Globalisation is a priority strategy for **JMA***

JMA EN EL MUNDO

*El potencial de **JMA** en el mundo está cimentado a través de sus plantas productivas y filiales comerciales en Europa, América del Norte y del Sur, Asia y África.*

*La internacionalización es una estrategia prioritaria en **JMA**.*

JMA DANS LE MONDE

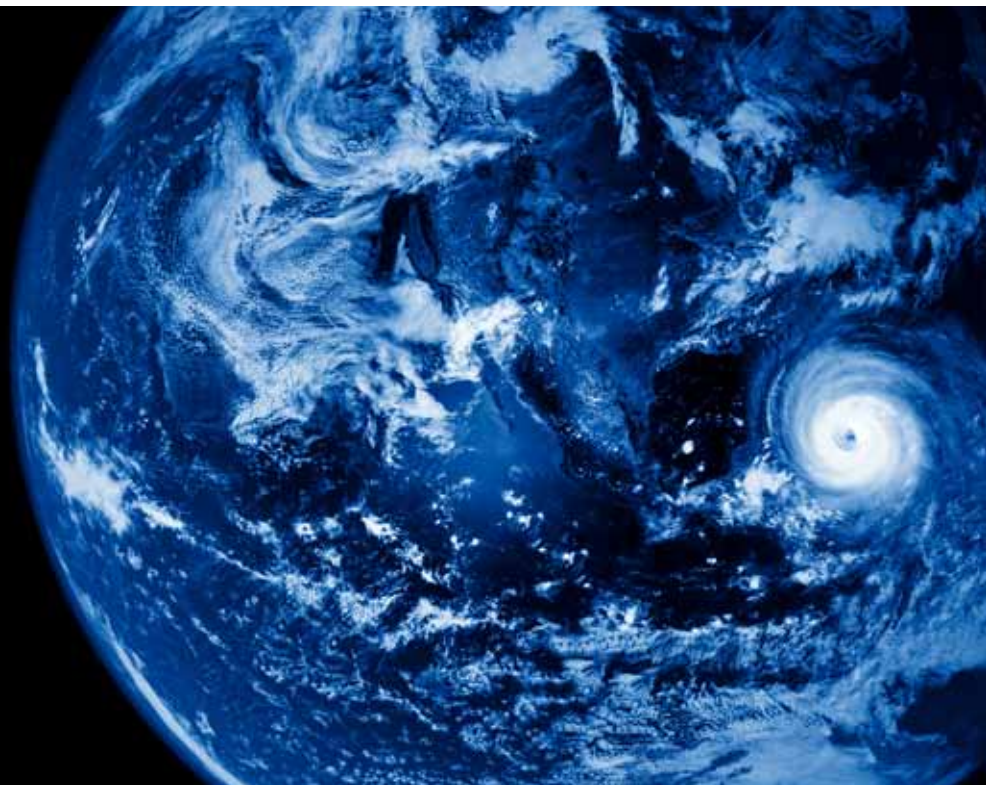
*Le potentiel de **JMA** dans le monde est solidement ancré dans un réseau de production et de distribution qui couvre l'Europe, les deux Amériques, l'Asie et l'Afrique.*

*L'internationalisation est une stratégie prioritaire pour **JMA**.*



JMA WORLDWIDE

JMA EN EL MUNDO · JMA AUTOUR DU MONDE



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

JMA[®] LINE

VEHICLES · VEHÍCULOS · VÉHICULES

01-36



MOTORCYCLE · MOTOCICLETA · MOTO

39-44



NORTH AMERICAN CYLINDER · CILINDRO NORTEAMERICANO · CYLINDRE NORD-AMÉRICAIN

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INTERNATIONAL CYLINDER · CILINDRO INTERNACIONAL · CYLINDRE INTERNATIONAL

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FLAT KEYS · LLAVES PLANAS · CLÉS PLATES

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KEY TYPES AND SPECIAL KEYS

TIPOS DE LLAVES Y LLAVES ESPECIALES · TYPES DE CLÉS ET LES TOUCHES SPÉCIALES

BIT AND BARREL · GORJA · CLÉS À GORGES

119-122



CROSS KEYS · LLAVES DE CRUZ · CLÉS TRANSVERSALES

125-126



SPECIAL KEYS · LLAVES ESPECIALES · CLÉS SPÉCIALES

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PRO LINE

PRO LINE · LÍNEA PRO · LIGNE PRO

157-165



Quickblanks LINE

QUICKBLANKS LINE · LÍNEA QUICKBLANKS · LIGNE QUICKBLANKS

169-177



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ACCESORIES

ACCESORIOS
ACCESSOIRES

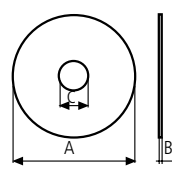


THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

CUTTERS • FRESAS CIRCULARES • FRAISES CIRCULAIRES



REF.	A x B x C	USED FOR / SIRVE PARA / POUR
FPIL27	57 x 6.5 x 12.7	Ø27
FP11	63 x 5 x 16	ECCO, ECCO PLUS, ECCO AUTOMÁTICA
FP24	80 x 5 x 16	TITAN, TITAN MASTER, SARATOGA, DAKOTA
FPIL25/45	60 x 2.5 x 12.7	Ø25, Ø45
FP19	80 x 1.4 x 16	SARATOGA
FP8	63 x 1.4 x 16	ECCO BIT
FP10	63 x 2.4 x 16	ECCO FORD, ECCO ABLOY

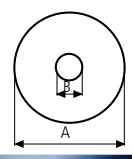


Milling Tools are made from HSS material. / Fresas Circulares son de material HSS. / Fraises Circulaires en HSS.

BRUSHES • CEPILLOS • RABOTS



REF.	A x B x C	USED FOR / SIRVE PARA / POUR
C1	65 x 10	ECCO PLUS, ECCO BIT, ECCO AUTOMÁTICA
C2	75 x 13	TITAN, TITAN MASTER, DAKOTA, ECCO BIT
C3	100 x 13	SARATOGA
CIL27	80 x 13	ILCO



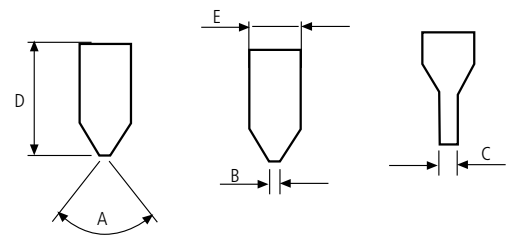
ACCESSORIES

ACCESORIOS · ACCESSOIRES

CUTTERS AND TRACERS · FRESAS Y PALPADORES · FRAISES ET PALPEURS



CUTTER FRESA FRAISES	A	B	C	D	E	TRACER PALPADOR PALPEURS
F1	90	0.8	-	45	6	P1
F5	90	0.9	-	45	6	P5
F8	-	-	4	45	6	P8
F11	-	-	2.5	45	6	P11
F12A	100	0.6	-	45	6	P12A
F12B	100-90	2.1-2.9	-	45	6	P12B
F13	100	0.8	-	45	6	P13
F14	100	1.45	-	45	6	P14
F16	130	0.6	-	45	6	P16
F22	-	-	2.4	45	6	P22



All these cutters and tracers can be used for the DAKAR, DAKAR EXPRESS y DAKKI. machines. / Todas estas fresas y palpadores sirven para las máquinas DAKAR, DAKAR EXPRESS y DAKKI. / Les fraises et palpeurs sont adaptés aux machines DAKAR, DAKAR EXPRESS y DAKKI. Cutters and tracers are made from HSS material. / Fresas y Palpadores son de material HSS. / Toutes les Fraises Circulaires en HSS.

MERCHANDISING AIDS

PUBLICIDAD
PUBLICITÉ



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS



- 1A**
- ▶ "GILTZIN" ADHESIVE LABEL
 - ▶ 9" X 10.8"
 - ▶ FRONT



- 1B**
- ▶ ETIQUETA ADHESIVA "GILTZIN"
 - ▶ 23 X 27.3 CM
 - ▶ FRONTAL



- 2A**
- ▶ "KEYS CUT HERE" ADHESIVE LABEL
 - ▶ 11.5" X 7.8"
 - ▶ FRONT AND GLASS



- 2B**
- ▶ ETIQUETA ADHESIVA "SE DUPLICAN LLAVES"
 - ▶ 29 X 20 CM
 - ▶ FRONTAL Y VIDRIO



- 3A**
- ▶ "SECURITY KEYS" ADHESIVE LABEL
 - ▶ 12" X 8"
 - ▶ FRONT



- 3B**
- ▶ ETIQUETA ADHESIVA "LLAVES DE SEGURIDAD"
 - ▶ 30.5 X 20.3 CM
 - ▶ FRONTAL



- 4A**
- ▶ "AUTO AND MOTORCYCLE TRANSPONDER" ADHESIVE LABEL
 - ▶ 28 X 21.5 CM
 - ▶ FRONT



- 4B**
- ▶ ETIQUETA ADHESIVA "DUPLICAMOS LLAVES ELECTRÓNICAS PARA COCHE Y MOTO"
 - ▶ 28 X 21.5 CM
 - ▶ FRONTAL



- 5**
- ▶ BANDEROLA DOS VISTAS "CENTRO DE DUPLICADO DE LLAVES" (NOT AVAILABLE IN ENGLISH)
 - ▶ 44 X 50 CM
 - ▶ FRONTAL Y POSTERIOR



- 6**
- ▶ LÁMINA "SE DUPLICAN LLAVES" (NOT AVAILABLE IN ENGLISH)
 - ▶ 35 X 50 CM
 - ▶ FRONTAL

MERCHANDISING AIDS AND RED BAND

PUBLICIDAD Y FRANJA ROJA · PUBLICITÉ ET LIGNE ROUGE



- 1.- Can with 200 plastic rings M0 Ø 20 mm**
Bote con 200 Anillos Plásticos M0 Ø 20 mm
Boite de 200 Anneaux plastique M0 Ø 20 mm



- 2.- Can with 200 plastic rings M1 Ø 24 mm**
Bote con 200 Anillos Plásticos M1 Ø 24 mm
Boite de 200 Anneaux plastique M1 Ø 24 mm



- 3.- Can with 200 plastic rings M2 Ø 28 mm**
Bote con 200 Anillos Plásticos M2 Ø 28 mm
Boite de 200 Anneaux plastique M2 Ø 28 mm



- 4.- Can with 200 plastic rings M3 Ø 30 mm**
Bote con 200 Anillos Plásticos M3 Ø 30 mm
Boite de 200 Anneaux plastique M3 Ø 30 mm





5.- Box with 200 key tags Colors M-1
Caja con 200 Porta Etiqueta de Colores M-1
Boite de 200 étiquettes porte-clés colorées M-1



6.- Box with 200 key tags colors M-2
Caja con 200 porta etiqueta de colores M-2
Boite de 200 étiquettes porte-clés colorées M-2

MERCHANDISING AIDS AND RED BAND

PUBLICIDAD Y FRANJA ROJA · PUBLICITÉ ET LIGNE ROUGE



7.- Small display 5 lines. (50 spaces)
Exhibidor pequeño 5 líneas (50 espacios)
Petit Présentoir pour clés 5 lignes (50 espaces)



8.- Large display 9 lines. (90 spaces)
Exhibidor grande 9 líneas (90 espacios)
Grand Présentoir pour clés 9 lignes (90 espaces)
97 x 42 cm

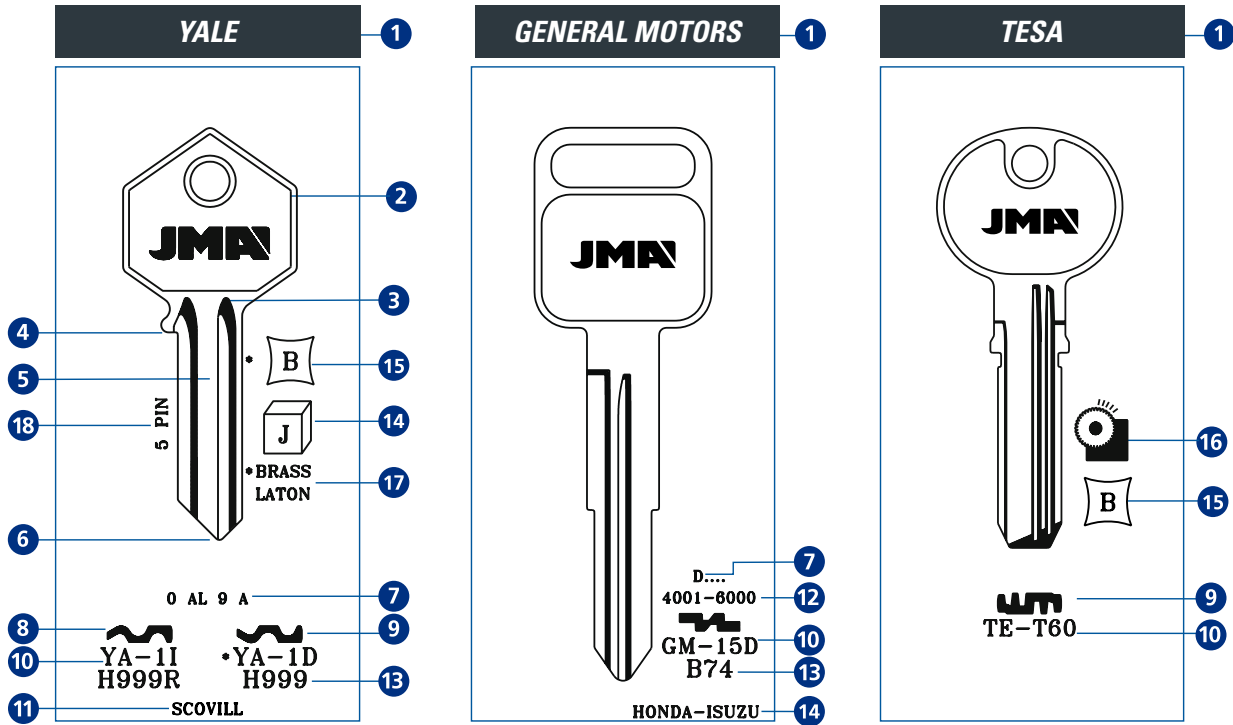


9 .- Metal ring, bag with 1,000 pieces
Argolla metálica, bolsa con 1,000 piezas
Sac d'anneaux métallique (1000 pièces)

All keys included in this catalog are nickel plated brass unless otherwise indicated.

Todas las llaves presentes en este catálogo que no tienen indicación de material y terminado están disponibles en material latón y terminado niquelado.

Toutes les clés dans ce catalogue sont disponible en laiton nickelé, sauf mention contraire.



MATERIALS AND FINISHED · MATERIALES Y TERMINADOS · MATÉRIAUX ET FINI

N. SILVER / ALPACA

- Key available in nickel silver.
- Llave disponible en alpaca.
- Clé disponible en maillechort.

STEEL / ACERO

- Key available in steel.
- Llave disponible en acero.
- Clé disponible en acier.

ZAMAK / ZAMAK

- Key available in zamak.
- Llave disponible en zamak.
- Clé disponible en zamak.

BRASS / LATÓN

- Key available with and without nickel plated.
- Llave disponible con y sin niquelar.
- Clé disponible avec et sans niquel.

ONLY BRASS / SOLO LATÓN

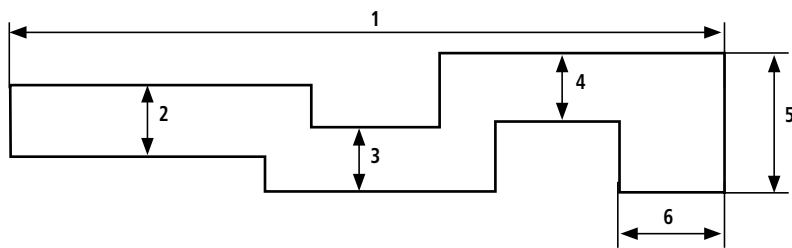
- Key available only in brass, not in nickel silver plated.
- Llave disponible solo latonada, no niquelada.
- Clé disponible seulement en laiton, pas en version nickelé.

KEY DESCRIPTION AND TERMINOLOGY

DESCRIPCIÓN Y TERMINOLOGÍA

ENGLISH	ESPAÑOL	FRANÇAIS
1 MAIN BRAND	1 MARCA PRINCIPAL	1 MARQUE PRINCIPALE
2 HEAD	2 CABEZA	2 TETE
3 NECK	3 CUELLO	3 COU
4 SHOULDER	4 TOPE	4 ARRET
5 BLADE	5 PALETÓN	5 CANON
6 TIP	6 PUNTA	6 POINTE
7 ORIGINAL PROFILE	7 NOMENCLATURA DE PERFIL ORIGINAL	7 PROFIL ORIGINAL
8 LEFT PROFILE	8 PERFIL IZQUIERDO	8 PROFIL GAUCHE
9 RIGHT PROFILE	9 PERFIL DERECHO	9 PROFIL DROIT
10 JMA REFERENCE	10 REFERENCIA JMA	10 REFERENCE JMA
11 ALTERNATE BRAND	11 MARCAS SECUNDARIAS	11 MARQUE SECONDAIRE
12 CODE SERIES	12 SERIES	12 CODE
13 CROSS REFERENCE	13 REFERENCIA ESTADOS UNIDOS	13 ÉTATS-UNIS RÉFÉRENCE
14 JUMBO PACK	14 EMPAQUE JUMBO	14 PAQUET JUMBO
15 BAG	15 BOLSA	15 SAC
16 SPECIAL MACHINE REQUIRED	16 MAQUINA ESPECIAL REQUERIDA	16 MACHINE SPÉCIALE REQUISE
17 MATERIAL	17 MATERIAL	17 MATÉRIAUX
18 NUMBER OF PINS	18 NÚMERO DE PERNOS	18 NOMBRE DE PINS

CONVENTIONAL SIGNS · SIGNOS CONVENCIONALES · SIGNES CONVENTIONNELS



1.- Width of blade
· Ancho del paletón
· Largeur du panneton

5.- Thickness of blade
· Espesor del paletón
· Épaisseur du panneton

2.- Cutting surface
· Zona del dentado
· Zone de la denture

6.- Back
· Lomo
· Dos

3.- Lower groove
· Canal inferior
· Rainure inférieure

4.- Upper groove
· Canal superior
· Rainure supérieure

GENERAL INDEX

*ÍNDICE GENERAL
INDICE GENERAL*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

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INDEX JMA

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4G	120	-----
15G	120	-----
21G	120	-----
23G	120	-----
25G	120	-----
57G	121	-----
74G	121	----- 6750
126H-60G	119	-----
224G	121	-----

A

A-1G	122	-----
AB-1D	95	-----
ABL-1	95	----- AL1
ABL-2	95	-----
ABL-3	95	-----
ABL-4	95	-----
ABL-5	95	-----
ABU-2D	95	----- AB18
ABU-2I	95	----- AB21
ABU-3	65	-----
ABU-4D	78	-----
ABU-4I	78	----- 191AB
ABU-12I	95	----- AB14
ABU-14	95	-----
ABU-20	95	-----
ABU-22D	95	-----
ABU-23D	95	-----
ABU-28	95	-----
ABU-40	95	----- AB15
ABU-56	95	-----
ACA-1D	47	-----
ACA-2D	47	-----
ACA-3D	47	-----
ACA-4D	47	-----
ACA-5D	47	-----
ACA-6D	47	-----
ACA-7D	47	-----
AF-4D	1	----- 61G
AF-4I	1	----- R61G
AGA-1T	95	-----
AGA-2T	95	-----
AGA-4D	95	-----
AGA-5D	96	-----
AGA-5I	96	-----
AGA-6D	96	-----
AGA-6I	96	-----
AGA-9I	96	-----
AGA-12	96	-----

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AGA-18I	96	-----
AGA-19D	96	-----
AGA-19I	96	-----
AGA-38	96	-----
ALC-1D	96	-----
ALC-2D	96	-----
ALI-1	98	-----
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AME-1E	169	AM3 -----
AME-2	47	----- A1045
AME-3	47	AM1 1041C
AME-4	47	AM4 1653
AME-5	47	----- A1041U
AME-6	47	----- 1041CE
AME-7	47	----- 1041CK
AMG-8D	96	-----
AMG-9D	96	-----
AMG-10D	96	-----
AMM-1	10	----- 1584
AMM-2	1	RA3 S1970AM
AMM-3	1	RA4 1970AM
AMM-3E	175	RA4 -----
AMM-4	1	B5 1098DB
AMM-4E	175	B5 -----
AP-1D	96	-----
ARO-1D	96	-----
ARO-2	96	-----
ARR-1	47	----- 755
ARR-2	47	----- 757
ARR-3	47	----- 755U
ARR-4D	47	AR1 1179
ARR-4DE	169	AR1 -----
ARR-4D.PA	143	AR1-P.BLUE -----
ARR-4D.PB	143	AR1-P.SMOKE -----
ARR-4D.PN	143	AR1-P.ORANGE -----
ARR-4D.PR	143	AR1-P.RED -----
ARR-4D.PU	143	AR1-P.GRAPE -----
ARR-4D.PV	143	AR1-P.GREEN -----
ARR-4D.PY	143	AR1-P.YELLOW -----
ARR-5D	47	AR4 1179A
ARR-5DE	169	AR4 -----
ARR-6D	48	----- N1179A
ARR-7D	48	----- B1179-1D
ARR-9D	48	----- B1179-1C
ARR-10	48	----- A1179E
ARR-11	48	----- A1179F
ARR-12	48	----- A1179G
ARR-13	48	----- A1179H

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ARR-15	48	-----	A1179K
ARR-16	48	-----	A1179L
ARR-17	48	-----	A1179N
ARR-18	48	-----	A1179P
ARR-19	48	-----	A1179R
ARR-20	48	-----	A1179S
ARR-21	48	-----	A1179T
ARR-22	48	-----	A1179U
ARR-23	48	-----	A1179V
ASH-1	96	-----	-----
ASH-2	96	-----	-----
AU-C	2	-----	AD1
AU-HV.P1	2	PA8P	PA8P
AUS-1	48	-----	-----
AUS-1X	125	-----	-----
AUS-2	48	-----	-----
AUS-3	48	-----	-----
AUS-4	48	-----	-----
AUS-5	48	-----	-----
AUS-6	48	-----	-----
AUS-6D	48	-----	-----
AUS-7D	48	-----	-----
AUS-8	48	-----	-----
AUT-1D	48	AF1	1652
AU-W	2	-----	PA5
AVC-1T	48	-----	-----
AZ-8D	97	-----	-----
AZ-9	97	-----	-----
AZ-9D	97	-----	-----
AZ-12	97	-----	-----
AZ-14	97	-----	-----
AZ-17D	97	-----	-----

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BAJ-1.P	39	-----	-----
BAL-1	48	-----	1511
BAL-2	49	BW2	1510
BES-1D	49	BE2	A1114A
BES-1DE	169	BE2	-----
BES-1DS	157	-----	1A1A1
BES-2D	49	-----	A1114C
BES-2DS	157	-----	1A1C1
BES-3D	49	-----	A1114D
BES-3DS	157	-----	1A1D1
BES-4D	49	-----	A1114DD
BES-4DS	157	-----	1A1DD1
BES-5D	49	-----	A1114E
BES-5DS	157	-----	1A1E1
BES-6D	49	-----	A1114G
BES-6DS	157	-----	1A1G1
BES-7D	49	-----	A1114H
BES-7DS	157	-----	1A1H1
BES-8D	49	-----	A1114J
BES-8DS	157	-----	1A1J1
BES-9D	49	-----	A1114K

REF.	PAG.	CROSS REFERENCE	
BES-9DS	157	-----	1A1K1
BES-10D	49	-----	A1114L
BES-10DS	157	-----	1A1L1
BES-11D	49	-----	A1114M
BES-11DS	157	-----	1A1M1
BES-12D	49	-----	A1114Q
BES-12DS	157	-----	1A1Q1
BES-13D	49	-----	A1114R
BES-13DS	157	-----	1A1R1
BES-14D	49	-----	A1114B
BES-14DS	157	-----	1A1B1
BES-15D	49	-----	A1114FM
BES-15DS	157	-----	1A1FM1
BES-16D	49	-----	A1114F
BES-16DS	157	-----	1A1F1
BES-17D	49	-----	A1114TB
BES-17DS	157	-----	1A1TB1
BES-18DS	157	-----	-----
BES-19DS	157	-----	-----
BES-20DS	157	-----	-----
BES-21DS	157	-----	-----
BES-22DS	157	-----	-----
BES-23DS	157	-----	1A1TD1
BES-24DS	157	-----	1A1TE1
BES-25DS	157	-----	-----
BES-26DS	157	-----	1A1WA1
BES-27DS	157	-----	1A1WB1
BES-28DS	157	-----	1A1WC1
BES-29DS	157	-----	1A1WD1
BES-30S	157	-----	1A1WE1
BES-31DS	157	-----	1A1WG1
BES-32DS	157	-----	1A1WH1
BES-33DS	157	-----	1A1WY1
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BH-4	3	-----	-----
BIL-1T	97	-----	-----
BKY-1	69	-----	-----
BKY-2	69	-----	-----
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BM-2.P	2	BMW3P	BMW3P
BM-3	2	-----	-----
BM-4	2	-----	S6BW
BM-5.P	2	-----	S7BWP
BM-6.P	2	-----	-----
BM-B	2	-----	WT3
BM-HB	2--39	BMW2	X59
BM-HB.P	3--39	-----	BMW2P
BM-HB.P1	3	-----	-----
BM-NB	2	-----	HF40
BM-NB.P	3	-----	-----
BM-W	3	-----	BMW1
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BRE-1D	97	-----	B62B
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BRG-4D	49	-----	K1122C
BRG-5D	49	-----	K1122B
BS-1I	1	RA2	H1098NR
BS-10	3	B1	1098M
BS-10E	175	B1	-----
BS-11	3	B4	1098XL
BS-12	3	-----	1595
BUE-1	49	BAU1	1618
BUE-1D	49	BAU1R	1618R
BUE-2	49	BAU2	1648
BUR-4X	125	-----	-----

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CAT-1.P	3	-----	-----
CAT-2	3	-----	1560
CAT-3	3	-----	CNA 2
CCL-1	49	-----	X1000GR
CCL-1D	49	CO10	X1000G
CCL-2	49	-----	SX1000FR
CCL-2D	49	CO17	SX1000F
CCL-3	49	-----	X1000FR
CCL-3D	49	CO19	X1000F
CCL-5D	49	CO63	1000X
CCL-10	50	-----	L1003M
CCL-11	50	CO68	S1000V
CCL-11D	50	-----	SR1000V
CCL-11E	169	CO68	-----
CCL-12	49	CO26	1000V
CCL-12D	49	-----	R1000V
CCL-12E	169	CO26	-----
CCL-13D	49	-----	1000FX
CCL-14	50	-----	1003A
CCL-15	50	-----	1003B
CCL-16	50	-----	1003C
CCL-17	50	-----	1003D
CCL-18	50	-----	1003AB
CCL-19	50	-----	1003CD
CCL-20	50	-----	L1003A
CCL-21	50	-----	L1003B
CCL-22	50	-----	L1003C
CCL-23	50	-----	L1003D
CCL-24	50	-----	L1003AB
CCL-25	50	-----	L1003CD
CCL-26	49	-----	XO1000FR
CCL-26D	49	-----	XO1000F
CCL-27	49	-----	XO1000GR
CCL-28D	50	-----	S1000X
CCL-29	50	-----	S1000T
CCL-29D	50	-----	SR1000T
CCL-30D	50	-----	S1001JB
CCL-31D	50	-----	S1000XK
CCL-32	49	CO12	1000T
CCL-32D	49	-----	R1000T
CCL-33D	49	-----	1000P

REF.	PAG.	CROSS REFERENCE	
CCL-34D	49	-----	1000XK
CCL-35D	49	-----	1000KC
CCL-36	50	-----	S1003A
CCL-37	50	-----	S1003B
CCL-38	50	-----	S1003C
CCL-39	50	-----	S1003D
CCL-40	50	-----	S1003AB
CCL-41	50	-----	S1003CD
CCL-42	50	-----	S1003M
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CHI-2	51	CG1	1041G
CHI-2E	169	CG1	-----
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CHI-5	51	-----	1041N
CHI-7D	51	AP4	104AM
CHI-7DE	169	AP4	-----
CHI-8D	51	AP3	103AM
CHI-8DE	169	AP3	-----
CHI-9D	51	AP1	101AM
CHI-9DE	169	AP1	-----
CHI-10D	51	AP2	102AM
CHI-10DE	169	AP2	-----
CHI-11	51	AP5	100AM
CHI-12	51	-----	1041TR
CHI-12D	51	CG16	1041T
CHI-12DE	169	CG16	-----
CHI-13D	51	CG17	1041Y
CHI-13DE	169	CG17	-----
CHI-14	51	CG22	1041E
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CHI-16D	51	-----	S1041JA
CHI-17D	51	-----	C1041J
CHI-18	51	-----	C1041L
CHI-19D	51	-----	C1041N
CHI-20	51	-----	SC1041R
CHI-21	51	-----	SC1041S
CHI-21D	51	-----	SC1041SR
CHI-22	51	-----	SC1041T
CHI-22D	51	-----	SC1041TR
CHI-23	51	-----	SC1041YR
CHI-24	51	-----	C1041R
CHI-25	51	-----	C1041JB
CHI-25D	51	-----	C1041SR
CHI-26	51	-----	C1041T
CHI-26D	51	-----	C1041TR
CHI-27	51	-----	C1041YR
CHI-28	52	-----	1041D
CHI-29	52	-----	1041DB
CHI-30	52	-----	1041DC
CHI-30D	52	-----	R1041DC
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CHI-33D	52	-----	1041DH
CHI-34	52	-----	C1041DN
CHI-35	51	-----	1041K
CHL-1	51	HO1	1170B
CHL-2	51	-----	1170C
CHL-3	51	-----	1170BD
CHL-4	51	-----	1170CJ
CHL-5	51	-----	1170E
CHL-6	51	-----	1170M
CHL-7	51	HO4	A1170B
CHL-8	51	-----	A1170C
CHL-9	51	-----	A1170CB
CHL-10	51	-----	A1170D
CHR-3	28	-----	NE34
CHR-7	4	-----	-----
CHR-7.P	4	-----	-----
CHR-8	4	Y152	P1770U
CHR-8E	175	Y152	-----
CHR-8S	161	Y152	320514
CHR-8.P	4	Y153P	Y153P
CHR-8.PS	161	Y153P	-----
CHR-9	4	Y154	P1789
CHR-9E	175	Y154	-----
CHR-9S	161	Y154	-----
CHR-9.P	4	Y154P	Y154P
CHR-9.PS	161	Y154P	-----
CHR-10	4	Y155	P1793
CHR-10E	175	Y155	-----
CHR-10S	161	Y155	-----
CHR-10.P	4	Y155P	Y155P
CHR-10.PS	161	Y155P	-----
CHR-11	4	-----	1770CH
CHR-12	4	Y149	S1770U
CHR-12E	175	Y149	-----
CHR-13D	4	Y138	S1767CH
CHR-14	4	Y157	P1794
CHR-14E	175	Y157	-----
CHR-14S	161	Y157	-----
CHR-14.P	4	Y157P	Y157P
CHR-14.PS	161	Y157P	-----
CHR-14.PS1	161	-----	-----
CHR-15	4	Y159	P1795
CHR-15E	175	Y159	-----
CHR-15S	161	Y159	-----
CHR-15.P	4	Y159P	-----
CHR-15.PS	161	Y159P	-----
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CHR-17	4	MIT2	X213
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CI-3G	119	-----	-----
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CI-4DP	98	-----	CS91CR
CI-4I	98	-----	NSR9CS

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CI-4IP	98	-----	CS91C
CI-5DP	98	-----	CS91E
CI-5IP	98	-----	CS91ER
CI-14	98	-----	-----
CI-17	98	-----	-----
CI-21	98	-----	-----
CI-24	98	-----	AB1
CI-25	98	-----	-----
CI-28D	98	-----	9CX
CI-40	98	-----	-----
CI-DL	98	-----	9CS
CI-DL.AA	129	-----	-----
CI-DL.AB	129	-----	-----
CI-DL.AL	129	-----	-----
CI-DL.AM	129	-----	-----
CI-DL.AN	129	-----	-----
CI-DL.AP	129	-----	-----
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CI-DL.AT	129	-----	-----
CI-DL.AU	129	-----	-----
CI-DL.AV	129	-----	-----
CI-DL.AY	129	-----	-----
CIF-1X	125	-----	-----
CI-IL	98	-----	R9CS
CI-IL.AA	129	-----	-----
CI-IL.AB	129	-----	-----
CI-IL.AL	129	-----	-----
CI-IL.AM	129	-----	-----
CI-IL.AN	129	-----	-----
CI-IL.AP	129	-----	-----
CI-IL.AR	129	-----	-----
CI-IL.AT	129	-----	-----
CI-IL.AU	129	-----	-----
CI-IL.AV	129	-----	-----
CI-IL.AY	129	-----	-----
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CLB-1D	5	CLB1	1573A
CLB-2	5	CLB4	1573D
CLB-2D	5	CLB3	1573C
CLB-3	5	CLB6	1573F
CLB-3D	5	CLB5	1573E
CLB-4	5	CLB8	1581H
CLB-4D	5	CLB7	1581G
CLB-5	5	CLB9	1589I
CLB-5D	5	CLB10	1589J
CLB-6	5	CLB11	1590K
CLB-7	5	CLB12	1591L
CLB-7D	5	CLB13	1591M
CLB-8	5	CLB14	1591N
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CLB-9	5	-----	-----
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CMX-3D	50	-----	-----
CMX-4D	50	-----	1550
CMX-5D	50	-----	-----
CMX-6D	50	-----	-----
CMX-7D	50	-----	-----
CMX-8D	50	-----	-----
CMX-9D	51	-----	-----
CMX-10D	51	-----	1548
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COR-1D	52	-----	CB7
COR-1I	52	-----	-----
COR-3	52	-----	-----
COR-7	52	CO97	1001GH
COR-8	52	CO87	1001EH
COR-8E	169	CO87	-----
COR-8S	157	CO87	Z1-60-5
COR-9	52	CO88	A1001EH
COR-9D	52	-----	A1001EHR
COR-9E	169	CO88	-----
COR-9S	157	CO88	Z1-60-6
COR-10	52	-----	O1001E
COR-11	52	-----	-----
COR-11D	52	-----	-----
COR-12	52	-----	-----
COR-13	52	-----	-----
COR-15D	52	-----	-----
COR-16D	52	-----	-----
COR-17D	52	-----	-----
COR-20	52	-----	-----
COR-20D	52	-----	-----
COR-25I	52	-----	-----
COR-27D	53	-----	-----
COR-29D	53	-----	-----
COR-30	53	-----	CB1
COR-32	53	-----	-----
COR-33	53	-----	-----
COR-34	53	-----	-----
COR-40	53	-----	CB2
COR-41D	53	-----	-----
COR-42	53	-----	-----
COR-43D	53	-----	-----
COR-44	53	CO2	1000AB
COR-45	53	CO36	1001EG
COR-46	53	-----	1000A
COR-47	53	-----	1001EL
COR-50/60	55	-----	CB3
COR-55D	55	CO62	R1001EG
COR-56	54	CO89	A1001ABM
COR-56E	170	CO89	-----
COR-57	54	CO95	A1001DH
COR-58	54	CO98	A1001C1
COR-59	54	CO107	A1001D1
COR-60	54	CO94	A1001BH
COR-61	54	-----	A1001GRM
COR-62	53	CO7	1001EN

REF.	PAG.	CROSS REFERENCE	
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COR-63	54	CO91	A1001AH
COR-63E	170	CO91	-----
COR-81	53	CO3	1001EB
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COR-83	53	CO5	1001
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COR-140	54	----- L1001FH
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COR-149	54	----- L1001CM
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GLO-2	100	-----	-----
GLO-2D	100	-----	-----
GLO-3	100	-----	-----
GLO-3D	100	-----	-----
GLO-4D	100	-----	-----
GLO-4I	100	-----	-----
GLO-5I	100	-----	-----
GLO-6	100	-----	-----
GLO-6D	100	-----	-----
GLO-7	100	-----	-----
GLO-7D	100	-----	-----
GLO-9D	100	-----	-----
GLO-10	101	-----	GB4
GLO-13D	101	-----	-----
GLO-14	101	-----	-----
GLO-15	101	-----	-----
GLO-16	101	-----	-----
GLO-16D	101	-----	-----
GLO-17	101	-----	-----
GLO-17D	101	-----	-----
GLO-18	101	-----	-----
GLO-19	101	-----	-----
GLO-19D	101	-----	-----
GLO-20	101	-----	-----
GLO-21	101	-----	-----
GM-1	11	-----	-----
GM-1.P	11	-----	-----
GM-2	11	B53	X143
GM-4	11	B65	X184
GM-4.P	11	B65P	B65P
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GM-4E	176	B65	-----
GM-5	11	-----	-----
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GM-6	11	B48	P1098A
GM-6.P	11	B48P	B48P
GM-6E	176	B48	-----
GM-6S	162	B48	GM-A
GM-7	11	B50	P1098C
GM-7.P	11	B50P	B50P
GM-7E	176	B50	-----
GM-7S	162	B50	GM-C
GM-8	11	B44	P1098E
GM-8.P	11	B44P	B44P
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GM-8S	162	B44	GM-E
GM-9	11	B46	P1098J
GM-9.P	11	B46P	-----
GM-9S	162	B46	GM-J
GM-10	11	B49	S1098B
GM-10.P	12	B49P	B49P
GM-10E	176	B49	-----
GM-10S	162	B49	GM-B
GM-11	11	B51	S1098D
GM-11.P	12	B51P	B51P
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GM-11S	162	B51	GM-D
GM-12	11	B45	S1098H
GM-12.P	12	B45P	B45P
GM-12E	176	B45	-----
GM-12S	162	B45	GM-H
GM-13	11	B47	S1098K
GM-13.P	12	B47P	-----
GM-13S	162	B47	GM-K
GM-14	12	B86	P1106
GM-14.P	12	B86P	B86P
GM-14.PS	162	B86P	-----
GM-14E	176	B86	-----
GM-14S	162	B86	P1106
GM-15D	12	B74	X198
GM-15D.P	12	B74P	B74P
GM-16	12	B62	P1098AV
GM-16.P	12	B62P	B62P
GM-17	12	B63	P1098CV
GM-17.P	12	B63P	B63P
GM-18	12	B77	P1098EV
GM-18.P	12	B77P	B77P
GM-19	12	B64	P1098WC
GM-19.P	12	B64P	B64P
GM-20	12	B78	P1098WE
GM-20.P	12	B78P	B78P
GM-21	30	B88	P1108
GM-21.P	30	B88P	B88P
GM-22	12	B68	P1099
GM-22.P	12	B68P	B68P
GM-23	12	B84	P1101
GM-23.P	12	B84P	B84P

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GM-24.P	11	B80P	B80P
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GM-25S	162	-----	-----
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GM-26D	12	-----	-----
GM-27	13	-----	-----
GM-29	13	-----	-----
GM-29D	13	B69	X180
GM-30	13	B89	P1107
GM-30.P	13	B89P	B89P
GM-30E	176	B89	-----
GM-31	13	B11	O1098LA
GM-32	13	B10	H1098LA
GM-33	13	B2	H1098M
GM-34	13	B91	P1111
GM-34.P	13	B91P	B91P
GM-34E	176	B91	-----
GM-35	13	B93	P1112
GM-35.P	13	B93P	B93P
GM-36	13	B92	P1109
GM-36.P	13	B92P	B92P
GM-36E	176	B92	-----
GM-37	30	B106	-----
GM-37.P	30	B106P	B106P
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GM-38	13	B110	P1114
GM-38.P	13	B110P	B110P
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GM-39.P	13	B102P	B102P
GM-40	30	B96	P1110
GM-40.P	30	B96P	B96P
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GM-42D	14	B67	S1098WD
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HOND-3D	39	HO44	X44
HOND-3I	39	-----	HD45
HOND-4D	39	HD63	HD63
HOND-4D.P	39	HD63P	HON31RP
HOND-4D.P1	39	-----	HON31RAP
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HOND-4I	39	HD75	X138
HOND-4I.P	39	HD75P	HON31P
HOND-4I.P1	39	-----	HON31AP
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HOND-5I	39	-----	HD12
HOND-6D	39	-----	HD14
HOND-6I	39	-----	HD11
HOND-7D	39	-----	HD13
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HOND-8I	39	-----	HD68
HOND-10	14	HD90	X181
HOND-10.P	15	HD90P	HD90P
HOND-10E	176	HD90	-----
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HOND-11.P	15	-----	-----
HOND-12	15	HD82	X129
HOND-12.P	15	HD82P	HD82P
HOND-13	15	-----	X130
HOND-13.P	15	-----	HON38RP
HOND-14	15	-----	-----
HOND-14.P	15	-----	-----
HOND-15	15	HD91	X182
HOND-15.P	15	HD91P	HD91P
HOND-16D	15	HD103	X214
HOND-16D.P	15	HD103P	HD103P
HOND-16D.P1	1	HD99P	HD99P
HOND-16D.PS	163	HD103P	-----
HOND-16DE	176	HD103	-----
HOND-16DS	163	HD103	-----
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HOND-19.P	39	-----	-----
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HOND-31	15	-----	HO01SVC
HOND-32D	15	B101	X250
HOND-33	40	HD109	X265
HOND-34	14	HD70U	X71
HOND-37D	1	HD101	X208
HOND-37D.P	1	HD101P	HD101P
HOND-38D	1	HD99	X204
HOND-39D	1	HD96	X193
HOND-40D	1	HD92	X183
HOND-40D.P	1	HD92P	HD92P
HOND-41D	1	HD97	X194
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HU-DN.P	36	-----	-----
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HU-HAAC5	34	-----	-----
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HY-3D	16	HY5	X196
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HY-3D.P1	16	HY5P	HY5P
HY-4	16	HY6	X216
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HY-5	16	HY13	X235
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HY-5.PS	163	HY13P	-----
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ILC-4D	63	IN3	X1054K
ILC-4DE	170	IN3	-----
ILC-5D	63	IN28	1054FN
ILC-6D	63	IN4	1054LB
ILC-7D	63	IN8	L1054B
ILC-7DE	170	IN8	-----
ILC-8D	63	IN35	1054DL
ILC-9D	64	IN24	K1054B
ILC-10D	64	EL8	H1054B
ILC-11	64	-----	X1054LR
ILC-11D	64	-----	X1054LF
ILC-12	64	-----	X1054KR
ILC-12D	64	-----	X1054KF
ILC-13	64	-----	X1055GB
ILC-13D	64	-----	X1055GA
ILC-14	64	-----	X1055JR
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ILL-9	64	-----	1042Z
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ISU-4	18	-----	-----
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KI-2D	19	KK2	X240
KI-3D	19	KK3	X253
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KI-5D.P	19	-----	KK6P
KI-6	19	KK5	X269
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KWI-1.AB	131	KW1-AL.BLACK	-----
KWI-1.AL	131	KW1-AL.LILAC	-----
KWI-1.AM	131	KW1-AL.NA. BLUE	-----
KWI-1.AN	131	KW1-AL.ORANGE	-----
KWI-1.AP	131	KW1-AL.PINK	-----
KWI-1.AR	131	KW1-AL.RED	-----
KWI-1.AT	131	KW1-AL.TOURQU.	-----
KWI-1.AU	131	KW1-AL.GRAPE	-----
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KWI-1.CMY	139	KW1-CM.YELLOW	-----
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KWI-1.PN	144	KW1-PC.ORANGE	-----
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KWI-1KS	157	KW1	1063KW
KWI-2D	65	KW10	A1176ST
KWI-2D.PA	144	KW10-PC.BLUE	-----
KWI-2D.PB	144	KW10-PC.SMOKE	-----
KWI-2D.PN	144	KW10-PC.ORANGE	-----
KWI-2D.PR	144	KW10-PC.RED	-----
KWI-2D.PU	144	KW10-PC.GRAPE	-----
KWI-2D.PV	144	KW10-PC.GREEN	-----
KWI-2D.PY	144	KW10-PC.YELLOW	-----
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KWI-2DE	170	KW10	-----
KWI-2DS	158	KW10	08260KW
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KWI-5D	65	KW11	A1176KT
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LWO-2D	66	-----	-----
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LWO-3D	66	-----	A1015M
LWO-4	66	-----	1004R
LWO-4D	66	L1	1004
LWO-4DE	171	L1	-----
LWO-5	66	-----	1004AR
LWO-5D	66	L4	1004A
LWO-10	66	-----	A1015LR
LWO-10D	66	-----	A1015L
LWO-11	66	-----	A1015NR
LWO-11D	66	-----	A1015N
LWO-12	66	-----	A1015PR
LWO-12D	66	-----	A1015P
LWO-13	66	-----	A1015QR
LWO-13D	66	-----	A1015Q
LWO-14	66	-----	A1015RR
LWO-14D	66	-----	A1015R
LWO-15	66	-----	A1015SR
LWO-15D	66	-----	A1015S
LWO-16	66	-----	A1015TR
LWO-16D	66	-----	A1015T
LWO-17	66	-----	A1015UR
LWO-17D	66	-----	A1015U
LWO-18	66	-----	A1015VR
LWO-18D	66	-----	A1015V
LWO-19	66	-----	A1015WR
LWO-19D	66	-----	A1015W
LWO-20	66	-----	A1015XR
LWO-20D	66	-----	A1015X
LWO-21	66	-----	A1015YR
LWO-21D	66	-----	A1015Y
LWO-22D	66	-----	1004AX
LWO-23D	66	-----	1004XM
LWO-24D	66	-----	1004AXA
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MAS-9DS	158	M16	-----
MAS-9E	171	M10	1092N
MAS-9S	158	M10	15K
MAS-10	67	M1	1092
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1A1D1	BES-3DS	157
1A1DD1	BES-4DS	157
1A1E1	BES-5DS	157
1A1F1	BES-16DS	157
1A1FM1	BES-15DS	157
1A1G1	BES-6DS	157
1A1H1	BES-7DS	157
1A1J1	BES-8DS	157
1A1K1	BES-9DS	157
1A1L1	BES-10DS	157
1A1M1	BES-11DS	157
1A1Q1	BES-12DS	157
1A1R1	BES-13DS	157
1A1TB1	BES-17DS	157
1A1TD1	BES-23DS	157
1A1TE1	BES-24DS	157
1A1WA1	BES-26DS	157
1A1WB1	BES-27DS	157
1A1WC1	BES-28DS	157
1A1WD1	BES-29DS	157
1A1WE1	BES-30S	157
1A1WG1	BES-31DS	157
1A1WH1	BES-32DS	157
1A1WY1	BES-33DS	157
AB1	CI-24	98
AD1	AU-C	2
AF1	AUT-1D	48
AL1	ABL-1	95
AM1	AME-3	47
AP1	CHI-9D	51
AP1	CHI-9DE	169
AR1	ARR-4D	47
AR1	ARR-4DE	169
AR1-PC.BLUE	ARR-4D.PA	143

CROSS REF.	REF.	PAG.
AR1-PC.SMOKE	ARR-4D.PB	143
AR1-PC.ORANGE	ARR-4D.PN	143
AR1-PC.RED	ARR-4D.PR	143
AR1-PC.GRAPE	ARR-4D.PU	143
AR1-PC.GREEN	ARR-4D.PV	143
AR1-PC.YELLOW	ARR-4D.PY	143
B1	BS-10	3
B1	BS-10E	175
BAU1	BUE-1	49
BAU1R	BUE-1D	49
BMW1	BM-W	3
BN1	BRG-1	49
BO1	HUD-3D	63
BO1	HUD-3DE	170
CB1	COR-30	53
CG1	CHI-2	51
CG1	CHI-2E	169
CLB1	CLB-1D	5
CO1	COR-82	53
CVL1	CVL-1I	98
CVL1R	CVL-1D	98
DC1	TOYO-14	14
DC1P	TOYO-14.P	14
DXB1	DX-24	57
DXC1	DX-27	57
DXD1	DX-30	57
EA1	EAG-6	58
EL1	ELG-3	59
ER1	EAR-1D	58
EZ1	LSD-1D	66
EZ1	LSD-1DE	171
FA1	WEI-4	81
FIC1	FCS-1D	61
FL1	FAL-22D	60
HAW1	HAW-1D	62
HO1	CHL-1	51
HR1	HAR-2D	62
IL1	ILL-1	64
K1	KEI-1	64
KAB1	KA-1	102
KB1	KMB-1	64
KK1	KI-1D	18
KK1P	KI-1D.P1	18
KW1	KWI-1K	64
KW1	KWI-1KE	170
KW1	KWI-1KS	157
KW1-AL.BLUE	KWI-1.AA	131
KW1-AL.BLACK	KWI-1.AB	131
KW1-AL.LILAC	KWI-1.AL	131

CROSS REF.	REF.	PAG.
KW1-AL.NAVY BLUE	KWI-1.AM	131
KW1-AL.ORANGE	KWI-1.AN	131
KW1-AL.PINK	KWI-1.AP	131
KW1-AL.RED	KWI-1.AR	131
KW1-AL.TOURQU.	KWI-1.AT	131
KW1-AL.GRAPE	KWI-1.AU	131
KW1-AL.GREEN	KWI-1.AV	131
KW1-AL.YELLOW	KWI-1.AY	131
KW1-CM.NA. BLUE	KWI-1.CMA	139
KW1-CM.SMOKE	KWI-1.CMB	139
KW1-CM.CRYSTAL	KWI-1.CMC	139
KW1-CM.ORANGE	KWI-1.CMN	139
KW1-CM.RED	KWI-1.CMR	139
KW1-CM.GRAPE	KWI-1.CMU	139
KW1-CM.GREEN	KWI-1.CMV	139
KWI-CM.YELLOW	KWI-1.CMY	139
KW1-PC.BLUE	KWI-1.PA	144
KW1-PC.BLACK	KWI-1.PB	144
KW1-PC.ORANGE	KWI-1.PN	144
KW1-PC.RED	KWI-1.PR	144
KW1-PC.GRAPE	KWI-1.PU	144
KW1-PC.GREEN	KWI-1.PV	144
KW1-PC.YELLOW	KWI-1.PY	144
L1	LWO-4D	66
L1	LWO-4DE	171
LD1	LRD-1D	65
LM1	LMP-1	28
LO1	LOR-1	66
M1	MAS-10	67
M1	MAS-10E	171
M1	MAS-10S	158
M1-PC.BLUE	MAS-10.PA	144
M1-PC.BLACK	MAS-10.PB	144
M1-PC.ORANGE	MAS-10.PN	144
M1-PC.RED	MAS-10.PR	144
M1-PC.GRAPE	MAS-10.PU	144
M1-PC.GREEN	MAS-10.PV	144
M1-PC.YELLOW	MAS-10.PY	144
MIT1	MIT-16	24
MIT1	MIT-16E	177
MIT1P	MIT-16.P	24
MR1	MTR-1D	68
PHA1	PHI-52	69
PZ1	PAP-1	105
PZ1	PAP-1E	172
RO1	HUD-5D	63
RU1	RUS-7	72
SAA1	SAA-AC	30
SAA1P	SAA-AC.P	30

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
SC1	SLG-3	77	Y1-PC.GREEN	YA-41D.PV	146	VR2-AL.RED	VI-11.AR	132
SC1	SLG-3E	172	Y1-PC.YELLOW	YA-41D.PY	146	VR2-AL.TOURQ.	VI-11.AT	132
SC1	SLG-3S	159	YU1	YA-1D	36	VR2-AL.GRAPE	VI-11.AU	132
SC1DND	SLG-3C	159	YS1	FO-XL	10	VR2-AL.GREEN	VI-11.AV	132
SC1-AL.BLUE	SLG-3.AA	132	AP2	CHI-10D	51	VR2-AL.YELLOW	VI-11.AY	132
SC1-AL.BLACK	SLG-3.AB	132	AP2	CHI-10DE	169	WK2	WES-1D	81
SC1-AL.LILAC	SLG-3.AL	132	B2	GM-33	13	WK2	WES-1DE	173
SC1-AL.NAVY BLUE	SLG-3.AM	132	BAU2	BUE-2	49	WK2-PC.BLUE	WES-1D.PA	145
SC1-AL.ORANGE	SLG-3.AN	132	BE2	BES-1D	49	WK2-PC.BLACK	WES-1D.PB	145
SC1-AL.PINK	SLG-3.AP	132	BE2	BES-1DE	169	WK2-PC.ORANGE	WES-1D.PN	145
SC1-AL.RED	SLG-3.AR	132	BMW2	BM-HB	2--39	WK2-PC.RED	WES-1D.PR	145
SC1-AL.TURQUOI.	SLG-3.AT	132	BMW2P	BM-HB.P	3--39	WK2-PC.GRAPE	WES-1D.PU	145
SC1-AL.GRAPE	SLG-3.AU	132	BW2	BAL-2	49	WK2-PC.GREEN	WES-1D.PV	145
SC1-AL.GREEN	SLG-3.AV	132	CB2	COR-40	53	WK2-PC.YELLOW	WES-1D.PY	145
SC1-AL.YELLOW	SLG-3.AY	132	CNA2	CAT-3	3	WR2	WEI-17D	81
SC1-CM.NAVY BLUE	SLG-3.CMA	140	CG2	CHI-1	51	Y2	YA-17D	83
SC1-CM.SMOKE	SLG-3.CMB	140	CLB2	CLB-1	5	Y2	YA-17DE	174
SC1-CM.CRYSTAL	SLG-3.CMC	140	CO2	COR-44	53	Y2	YA-17DS	160
SC1-CM.ORANGE	SLG-3.CMN	140	DE2	DX-7D	56	YS2	FO-XR	10
SC1-CM.RED	SLG-3.CMR	140	DXB2	DX-25	57	AM3	AME-1	47
SC1-CM.GRAPE	SLG-3.CMU	140	DXC2	DX-28	57	AM3	AME-1E	169
SC1-CM.GREEN	SLG-3.CMV	140	DXD2	DX-31	57	AP3	CHI-8D	51
SC1-CM.YELLOW	SLG-3.CMY	140	EZ2	EZS-1	59	AP3	CHI-8DE	169
SC1-PC.BLUE	SLG-3.PA	145	FA2	WEI-5	81	BMW3	BM-2	2
SC1-PC.SMOKE	SLG-3.PB	145	FL2	FAL-23D	60	BMW3P	BM-2.P	2
SC1-PC.ORANGE	SLG-3.PN	145	FR2	FR-11D	61	CB3	COR-50/60	55
SC1-PC.RED	SLG-3.PR	145	FR2	FR-11DE	170	CLB3	CLB-2D	5
SC1-PC.GRAPE	SLG-3.PU	145	FU2	MIT-11D	23	CO3	COR-81	53
SC1-PC.GREEN	SLG-3.PV	145	HAW2	HAW-3D	62	DC3	MIT-2I	23
SC1-PC.YELLOW	SLG-3.PY	145	HR2	TE-7D	79	DC3P	MIT-2I.P	23
SE1	SEG-1D	77	HR2	TE-7DE	173	DXB3	DX-26	57
SE1	SEG-1DE	173	HY2	HY-15D	17	DXC3	DX-29	57
SK1	SKI-1D	78	K2	KEI-2	64	DXD3	DX-32	57
SK1	SKI-1DE	173	KAB2	KA-7	102	FA3	FAL-1D	59
SUB1	SUB-1	31	KK2	KI-2D	19	FA3	FAL-1DE	170
SUB1P	SUB-1.P	31	LD2	LRD-1	65	FL3	FAL-24D	60
SUZ1	SUZU-1D	41	M2	MAS-7	67	FR3	FR-12D	61
T1	TAY-5D	78	M2	MAS-7E	171	HAW3	HAW-4D	62
TM1	TRM-5D	79	MIT2	CHR-17	4	HU3	HUW-N	101
TMC1	TRP-1D	41	MTK2P	MUL-T2.P	105	HY3	HY-16	17
W1	WIB-1	81	PHA2	PHI-52L	70	IF3S	IF-35.2.1	101
WE1	WLC-1D	81	PZ2	PAP-2	105	IF3L	IF-45/55	102
WK1	WES-3D	81	RA2	BS-1I	1	IN3	ILC-4D	63
WN1	WND-1	81	SE2	SEG-2D	77	IN3	ILC-4DE	170
WTP1	WRI-1D	82	SIM2	GIU-1	100	KAB3	KA-2	102
X1	DAT-5D	24	SUB2	SUB-3	31	KE3SI	KE-3	103
Y1	YA-41D	83	SUZ2	SUZU-1I	41	KK3	KI-3D	19
Y1	YA-41DE	174	TM2	TRM-6D	79	KK3P	KI-3D.P	19
Y1DND	YA-41DC	160	VR2	VI-1I	110	M3	MAS-7D	67
Y1E	YA-34D	84	VR2	VI-1IS	160	MIT3	MIT-14D	24
Y1E	YA-34DE	174	VR2-AL.BLUE	VI-1I.AA	132	MN3	MIL-2	115
Y1-PC.BLUE	YA-41D.PA	146	VR2-AL.BLACK	VI-1I.AB	132	PZ3	PAP-3	106
Y1-PC.BLACK	YA-41D.PB	146	VR2-AL.LILAC	VI-1I.AL	132	RA3	AMM-2	1
Y1-PC.ORANGE	YA-41D.PN	146	VR2-AL.NAVY BLUE	VI-1I.AM	132	RO3	NTC-10D	69
Y1-PC.RED	YA-41D.PR	146	VR2-AL.ORANGE	VI-1I.AN	132	RO3	NTC-10DE	172
Y1-PC.GRAPE	YA-41D.PU	146	VR2-AL.PINK	VI-1I.AP	132	SUZ3	SUZU-2I	41

CROSS REF.	REF.	PAG.
TE3	TE-7D	79
TM3	TRM-7	79
WR3	WEI-1	81
WR3	WEI-1E	173
WT3	BM-B	2
AM4	AME-4	47
AP4	CHI-7D	51
AP4	CHI-7DE	169
AR4	ARR-5D	47
AR4	ARR-5DE	169
B4	BS-11	3
CLB4	CLB-2	5
CR4R	ME-1	21
CR4RP	ME-1.P	21
DE4	DX-4	56
DT4	DAT-3D	24
DW04RAP	DAE-3D.P1	5
DXB4	DX-33	57
DXC4	DX-34	57
DXD4	DX-35	57
FL4	FAL-25D	60
GB4	GLO-10	101
HAW4	HAW-2D	62
HO4	CHL-7	51
HY4	HY-17	18
HY4P	HY-3.P2	16
IN4	ILC-6D	63
KK4	KI-4D	19
KK4P	KI-4D.P	19
L4	LWO-5D	66
M4	MAS-12D	66
MIT4	MIT-7	23
MIT4P	MIT-7.P	23
MZ4	MAZ-1I	19
RA4	AMM-3	1
RA4	AMM-3E	175
RU4	RUS-3	70
RV4	NE-52	30
RV4P	NE-52.P	30
S4	SAR-5D	76
SC4	SLG-4	77
SC4	SLG-4E	172
SC4	SLG-4S	159
SC4-AL.BLUE	SLG-4.AA	132
SC4-AL.BLACK	SLG-4.AB	132
SC4-AL.LILAC	SLG-4.AL	132
SC4-AL.NAVY BLUE	SLG-4.AM	132
SC4-AL.ORANGE	SLG-4.AN	132
SC4-AL.PINK	SLG-4.AP	132
SC4-AL.RED	SLG-4.AR	132
SC4-AL.TURQUOI.	SLG-4.AT	132
SC4-AL.GRAPE	SLG-4.AU	132
SC4-AL.GREEN	SLG-4.AV	132
SC4-AL.YELLOW	SLG-4.AY	132
SC4DND	SLG-4C.2	159
SS4	SEN-2D	77

CROSS REF.	REF.	PAG.
SUZ4	SUZU-2D	41
SZ4P	SUZU-16.P	41
SZ4R	SUZU-16	41
SZ4RP	SUZU-16D.P	41
TE4	TE-8I.2.1	79
TM4	TRM-8	79
WR4	WEI-2	81
WR4	WEI-2E	173
X4	MAZ-1I	19
Y4	YA-80D	86
5D1R	RUS-4S	159
AP5	CHI-11	51
B5	AMM-4	1
B5	AMM-4E	175
CLB5	CLB-3D	5
CO5	COR-83	53
DM5	FO-FR	19
DW05AP	DAE-4.P1	5
DW05RAP	DAE-4D.P1	5
DXG5	DX-36	57
FL5	FAL-26D	60
FL5G	WEI-6	81
HY5	HY-3D	16
HY5P	HY-3D.P1	16
KA5SI	KA-3	102
KK5	KI-6	19
KK5P	KI-6.P	19
KW5	KWI-9D	65
M5	MAS-11D	66
MIT5	MIT-13D	24
MZ5	MAZ-1D	19
PA5	AU-W	2
RO5	NTC-9D	69
SS5	SEN-1D	77
SZ5P	SUZU-5.P	41
VR5	VI-4IP	110
WR5	WEI-3	81
WR5	WEI-3E	173
WR5DND	WEI-3C	160
X5	MAZ-1D	19
Y5	YA-63D	84
YL5	YA-16D	84
6D1R	RUS-5S	159
CE6	FO-TC	10
CLB6	CLB-3	5
CO6	COR-84	53
DE6	DX-5D	56
DE6	DX-5DE	170
DE6	DX-5DS	157
DE6-PC.BLUE	DX-5D.PA	143
DE6-PC.BLACK	DX-5D.PB	143
DE6-PC.ORANGE	DX-5D.PN	143
DE6-PC.RED	DX-5D.PR	143
DE6-PC.GREEN	DX-5D.PV	143
DE6-PC.YELLOW	DX-5D.PY	143
DO6	DOI-4	58

CROSS REF.	REF.	PAG.
DT6	DAT-3I	24
FL6	FAL-27D	60
HY6	HY-4	16
HY6P	HY-4.P	16
KK6P	KI-5D.P	19
L6FM	LAS-4	103
L6S	LAS-FH	103
MIT6	MIT-18	24
MIT6P	MIT-18.P	24
NA6	NTL-2D	69
S6BW	BM-4	2
SC6	SLG-1	77
SC6	SLG-1E	172
TM6	TRM-2D	79
VL6	NE-12	36
VL6P	NE-12.P	36
X6	DAT-21	26
Y6	YA-82D	85
Y6	YA-82DE	174
YH6R	YAMA-6D	42
YH6SI	YAMA-6I	42
CB7	COR-1D	52
CLB7	CLB-4D	5
CO7	COR-62	53
CO7	COR-62E	170
DT7	DAT-4I	24
FC7	FO-TX	10
FC7P	FO-TX.P	10
FL7	FAL-28D	60
HF7	ME-15	22
LF7	LF-2	103
MIT7	MIT-17	24
RO7	NTC-7D	69
RO7	NTC-7DE	172
RU7	RUS-47	72
SC7	SLG-12	77
S7BWP	BM-5.P	2
T7	TAY-3	78
T7	TAY-3E	173
TM7	TRM-4	79
VR7	VI-2I	110
VR7	VI-2IE	173
X7	DAT-21D	26
XL7	XL-1	82
XL7	XL-1E	173
CLB8	CLB-4	5
DE8	DX-6D	56
DT8	DAT-4D	24
EL8	ILC-10D	64
FL8	FAL-29D	60
IN8	ILC-7D	63
IN8	ILC-7DE	170
KM8	LAS-R	27
PA8	AU-HV	2
PA8P	AU-HV.P1	2
SC8	SLG-11	77

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
SC8	SLG-11E	172	CLB11	CLB-6	5	NA14	NTC-1D	68
SC8	SLG-11S	159	EL11	ELG-2	59	NA14	NTC-1DE	171
TL8	TRI-12D	109	HD11	HOND-6I	39	SZ14RAP	SUZU-12D.P	41
VL8	NE-18	36	IL11	TIM-1D	79	TM14	TRM-10D	80
VL8P	NE-18.P	36	IL11	TIM-1DE	173	Y14	YA-45	84
9CS	CI-DL	98	KA11	KAW-1I	40	Y14	YA-45E	174
9CX	CI-28D	98	KW11	KWI-5D	65	15K	MAS-9S	158
CLB9	CLB-5	5	KW11	KWI-5DE	171	AB15	ABU-40	95
DE9	DX-37	57	M11	MAS-5D	67	CLB15	CLB-8D	5
ES9	ESP-1	59	M11	MAS-5DE	171	HF15	ME-15D	22
FL9	FAL-30D	60	RO11	NTC-8D	68	HY15	HY-13D	17
IL9	ILL-2D	64	SUZ11	SUZU-5	41	HY15P	HY-13D.P3	17
KM9	LAS-V	27	TL11	TRI-18D	109	KA15	KAW-1D	40
KW9	KWI-3D	65	TL11R	TRI-18	109	KW15BP	KAW-7.P	40
MZ9	MAZ-2D	19	Y11	YA-44D	84	MB15	ME-HZ	22
NS9CS	CI-4D	98	Y11	YA-44DE	174	MB15P	ME-HZ.P	22
NSR9CS	CI-4I.	98	CLB12	CLB-7	5	RO15	NTC-15D	68
R9CS	CI-IL	98	CO12	CCL-32	49	SC15	SLG-16	77
SC9	SLG-5	77	HD12	HOND-5I	39	SUZ15	SUZU-10	31
SC9	SLG-5E	172	HY12	HY-6D	16	SUZ15P	SUZU-10.P	31
SC9	SLG-5S	159	HY12P	HY-6D.P	16	TM15	TRM-14D	80
SC9DND	SLG-5C	159	KW12	KAW-5	40	CG16	CHI-12D	51
TM9	TRM-1	79	LF12SI	VO-1	35	CG16	CHI-12DE	169
X9	VO-HV	35	M12	MAS-3D	66	HY16	HY-12	17
YH9	YAMA-2I	42	M12	MAS-3DE	171	HY16P	HY-12.P3	17
B10	GM-32	13	MZ12	DAT-5D	24	LF16	LF-4I	103
CLB10	CLB-5D	5	NA12	NTR-2D	69	M16	MAS-9D	67
CO10	CCL-1D	49	NA12	NTR-2DE	172	M16	MAS-9DE	171
DXB10	DX-14	57	SUZ12	SUZU-11D	41	M16	MAS-9DS	158
DXC10	DX-17	57	Y12	YA-45D	84	MB16	ME-HF	22
DXD10	DX-20	57	Y12	YA-45DE	174	MZ16	MAZ-20D	21
EL10	ELG-1	59	EA13	EAG-5D	58	MZ16P	MAZ-20D.P	21
FL10	FAL-31D	60	CLB13	CLB-7D	5	RU16	RUS-6	72
HD10	HOND-5I	39	HD13	HOND-7D	39	TM16	TRM-13	79
KW10	KWI-2D	65	HY13	HY-5	16	YH16	YAMA-1D	42
KW10	KWI-2DE	170	HY13P	HY-5.P	16	ZD16RP	ZA-4D.P	43
KW10	KWI-2DS	158	HY13P	HY-5.PS	163	CG17	CHI-13D	51
KW10DND	KWI-2DC	157	KA13	KAW-4	40	CG17	CHI-13DE	169
KW10-PC.BLUE	KWI-2D.PA	144	M13	MAS-13D	67	CO17	CCL-2D	49
KW10-PC.BLACK	KWI-2D.PB	144	M13	MAS-13DE	171	HY17	HY-11	17
KW10-PC.ORANGE	KWI-2D.PN	144	MZ13	MAZ-3D	20	HY17P	HY-11.P3	17
KW10-PC.RED	KWI-2D.PR	144	MZ13P	MAZ-3D.P	20	M17	MAS-21D	67
KW10-PC.GRAPE	KWI-2D.PU	144	MZ13R	MAZ-3I	20	MB17	ME-HM	22
KW10-PC.GREEN	KWI-2D.PV	144	NE13	NE-15I	28	MD17	MAS-16D	67
KW10-PC.YELLOW	KWI-2D.PY	144	RO13	NTC-6	68	MD17	MAS-16DE	171
M10	MAS-9	67	TM13	TRM-11D	80	MZ17	MAZ-19D	21
M10	MAS-9E	171	Y13	YA-44	84	SUZ17	SUZU-8	31
M10	MAS-9S	158	Y13	YA-44E	174	SUZ17P	SUZU-8.P	31
MZ10	MAZ-2I	19	AB14	ABU-12I	95	TM17	TRM-12	80
S10	SAR-4D	76	CLB14	CLB-8	5	ZD17RAP	ZA-7D.P	44
SC10	SLG-9	77	HD14	HOND-6D	39	AB18	ABU-2D	95
SC10	SLG-9S	159	HY14	HY-10	17	DX18R	DX-23	57
SZ10RP	SUZU-11D.P	41	HY14P	HY-10.P	17	M18	MAS-31D	68
TM10	TRM-9D	79	KA14	KAW-3	40	MB18	ME-HD	22
X10	DAT-8	25	KW14AP	KAW-6.P	40	MB18P	ME-HD.P	22
B11	GM-31	13	M14	MAS-8	67	NE18	NE-4	28

CROSS REF.	REF.	PAG.
SUZ18	SUZU-12D	41
TM18	TRM-15D	80
CO19	CCL-3D	49
M19	MAS-19	67
M19	MAS-19E	171
MZ19	MAZ-17D	20
MZ19P	MAZ-17D.P	21
SC19	SLG-14	77
SUZ19	SUZU-18	41
TM19	TRM-16D	80
DA20	DAT-11D	25
DXB20	DX-15	57
DXC20	DX-18	57
DXD20	DX-21	57
M20	MAS-18D	67
M20	MAS-18DE	171
NE20	NE-3	7
SC20	SLG-6	77
SL20	SLY-14	78
SUZ20P	SUZU-19D.P	31
TM20	TRM-17D	80
YH20	YAMA-1I	42
AB21	ABU-2I	95
M21	MAS-2D	66
M21	MAS-2DE	171
X21	FO-XL	10
ZD21P	ZA-8.P	44
CG22	CHI-14	51
HF22	FO-OR	10
RU22	RUS-50	72
S22	SAR-29	75
SC22	SLG-2	77
X22	FO-XR	10
ZD22RBP	ZA-6D.P1	44
DA23	DAT-2I	24
HF23	FO-OL	10
TA23	TOYO-6	32
ZD23RCP	ZA-9.P	44
DA24	DAT-2D	24
IN24	ILC-9D	64
LF24	LF-42	104
NA24	NTR-1D	69
RN24P	NE-22.P	27
YH24	YAMA-7D	42
ZD24RDP	ZA-9.P1	44
DA25	DAT-12	25
DA25	DAT-12S	163
DA25P	DAT-6.P	24
M25	MAS-25D	67
MZ25	MAZ-8D	20
MZ25P	MAZ-8D.P	20
NA25	NTL-1D	69
NA25	NTL-1DE	172
RN25	NE-16	28
TR25	TOYO-35D	34
CO26	CCL-12	49

CROSS REF.	REF.	PAG.
CO26	CCL-12E	169
M26	MAS-24D	66
X26	MAZ-2D	19
EA27	HAR-1I	62
EA27	HAR-1IE	170
H27	FO-32D	9
MZ27	MAZ-13D	20
MZ27	MAZ-13DE	176
MZ27P	MAZ-13D.P1	20
X27	MAZ-2I	19
YH27	YAMA-5D	42
IN28	ILC-5D	63
DA28	DAT-18	25
TR28	TOYO-4	32
TR28P	TOYO-4.P	32
YH28	YAMA-5I	42
YH28BP	YAMA-18D.P	42
YH28P	YAMA-22D.P	43
YH28RP	YAMA-22I.P	43
YH28RBP	YAMA-18I.P	42
ZD28RFP	ZA-6D.P	43
IN29	ILC-3	63
MZ29	MAZ-18D	21
VC29	VA-7	29
X29	NE-10	36
YH29	YAMA-7I	42
YH29BP	YAMA-19D.P	42
YH29P	YAMA-23D.P	43
YH29RP	YAMA-23I.P	43
YH29RBP	YAMA-19I.P	42
YM29	OP-BA.2.1	26
DA30	DAT-14	25
DA30P	DAT-14.P	25
DXB30	DX-16	57
DXC30	DX-19	57
DXD30	DX-22	57
RN30	NE-20	27
S30FDP	FO-6.P	10
X30	NE-9	36
YH30	YAMA-15D	42
YH30BP	YAMA-20D.P	42
YH30P	YAMA-24D.P	43
YH30RBP	YAMA-20I.P	42
YH30RP	YAMA-24I.P	43
DA31	DAT-22	26
DA31	DAT-22S	164
DA31P	DAT-22.P	26
DA31P	DAT-22.PS	164
HON31AP	HOND-4I.P1	39
HON31P	HOND-4I.P	39
HON31RAP	HOND-4D.P1	39
HON31RBP	HOND-4D.P2	39
HON 31RP	HOND-4D.P	39
MZ31	MAZ-11D	20
RN31	NE-28	28
YH31R	YAMA-21I	42

CROSS REF.	REF.	PAG.
YH 31RAP	YAMA-21I.P	43
DA32	DAT-19	25
DA32P	DAT-19.P	26
HON32P	HOND-1.P	14
PH32	PHI-32	70
YH32	YAMA-15I	42
HON33P	HOND-2.P	14
IN33	ILC-2D	63
IN33	ILC-2DE	170
NE33	VA-17.P	29
S33FDP	FO-4.P	10
TR33	TOYO-12	33
TR33	TOYO-12E	177
TR33	TOYO-12S	164
TR33P	TOYO-12.P	33
V33	VO-N	35
YH33	YAMA-17I	42
DA34	DAT-16	25
DA34	DAT-16S	163
DA34P	DAT-16.P	25
DA34P	DAT-16.PS	163
NE34	CHR-3	28
S34YSP	ME-10.P	22
YH34	YAMA-17D	42
YH34P	YAMA-27.P	43
CO35	COR-168	53
DA35	DAT-15	25
IN35	ILC-8D	63
V35P	AU-AH.P	2
YH35	YAMA-14I	42
YH35RBP	YAMA-26D.P	43
CO36	COR-45	53
YH36	YAMA-14D	42
37D	YA-30	115
CB37	COR-175	53
DA37	DAT-20	26
DA37P	DAT-20.P	26
FT37	IMS-5.2.1	1
TR37	TOYO-13	33
TR37	TOYO-13E	177
X37	TOYO-4	32
V37P	VO-AH.P	35
V37P	VO-AH.PS	165
YH37	YAMA-12I	42
DA38	DAT-10	25
DA38P	DAT-10.P	25
FT38	IMS-3	1
HON38RP	HOND-13.P	15
YH38	YAMA-12D	42
DA39	DAT-23	26
HON39P	HOND-19D.P	39
MB39	ME-HY	22
MB39P	ME-HY.P	22
TR39	TOYO-10	32
TR39	TOYO-10E	177
YH39	YAMA-3I	42

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
HF40	BM-NB	2	YH48	YAMA-19I	42	H59	FO-28D	8
NE40	NE-5	28	B49	GM-10	11	X59	BM-HB	2--39
TR40	TOYO-20D	33	B49	GM-10E	176	Z1-59A1-6	COR-116S	157
TR40	TOYO-20DE	177	B49	GM-10S	162	Z1-59A2-6	COR-117S	157
TR40	TOYO-20DS	164	B49P	GM-10.P	12	Z1-59B1-6	COR-118S	157
TR40P	TOYO-9.P	32	S49HFP	ME-3.P	21	Z1-59B2-6	COR-119S	157
YH40	YAMA-3D	42	YH49	YAMA-19D	42	Z1-59C1-6	COR-120S	157
HON41P	HOND-28.P	40	B50	GM-7	11	Z1-59C2-6	COR-121S	157
MB41	ME-HU	22	B50	GM-7E	176	Z1-59D1-6	COR-122S	157
MB41P	ME-HU.P	22	B50	GM-7S	162	Z1-59D2-6	COR-123S	157
HF43	OP-J	26	B50P	GM-7.P	11	H60	FO-11D	7
HU43P	OP-WH.P	27	H50	FO-19	8	H60	FO-11DE	175
B44	GM-8	11	H50	FO-19E	175	H60	FO-11DS	161
B44	GM-8E	176	H50	FO-19S	162	S60HFP	HU-DH.P	36
B44	GM-8S	162	S50HFP	ME-4.P	21	Z1-60-5	COR-8S	157
B44P	GM-8.P	11	YH50	YAMA-20I	42	Z1-60-6	COR-9S	157
HO44	HOND-3D	39	B51	GM-11	11	61B	BRE-2	97
TR44	TOYO-33D	34	B51	GM-11E	176	61G	AF-4D	1
X44	HOND-3D	39	B51	GM-11S	162	B61	OP-S	14
YH44	YAMA-13D	42	B51P	GM-11.P	12	B61	OP-SS	164
B45	GM-12	11	H51	FO-21D	8	R61G	AF-4I	1
B45	GM-12E	176	H51	FO-21DE	176	T61C	TOYO-K1	32
B45	GM-12S	162	H51	FO-21DS	162	T61CP	TOYO-K1.P	32
B45P	GM-12.P	12	YH51	YAMA-20D	42	T61F	TOYO-2	31
CR45	COR-219	55	B52	GAS-3	11	V61S	RO-7D	106
HD45	HOND-3I	39	H52	FO-37	9	X61	NE-5	28
RU45	RUS-4	71	RU52	RUS-12	72	62DT	DAT-21	26
RU45	RUS-4E	172	X52	SAA-AC	30	62DT	DAT-21S	164
RU45	RUS-4S	159	Y52	YA-13D	84	62DU	DAT-21D	26
YH45	YAMA-13I	42	Y52	YA-13DE	173	62DU	DAT-21DS	164
B46	GM-9	11	B53	GM-2	11	62DV	DAT-8	25
B46	GM-9S	162	H53	FO-38D	9	62FS	UN-FS	109
B46P	GM-9.P	11	RU53	RUS-1	71	62FT	UN-FT	109
CR46	COR-215	55	S53HFP	ME-6.P	21	B62	GM-16	12
RU46	RUS-5	71	TR53	TOYO-17	33	B62B	BRE-1D	97
RU46	RUS-5E	172	TR53P	TOYO-17.P	33	B62P	GM-16.P	12
RU46	RUS-5S	159	B54	GM-47D	14	CO62	COR-55D	55
TR46	TOYO-34	34	H54	FO-20D	8	H62	FO-29D	8
TR46P	TOYO-10.P1	32	H54	FO-20DE	175	H62FD	FO-OA	34
YH46	YAMA-18I	42	H54	FO-20DS	162	H62P	FO-29D.P	8
B47	GM-13	11	N54G	FR-14D	61	HR62FD	FO-PN	34
B47	GM-13S	162	NE54	FI-3D	6	L62UC	RO-5D	5
B47P	GM-13.P	12	P54F	DOI-5	58	R62B	BRE-1	97
TR47	TOYO-15	33	S54F	DOI-1	58	R62UC	RO-4I	5
TR47	TOYO-15E	177	X54	TOYO-14	14	X62	YAMA-13D	42
TR47	TOYO-15S	164	Y54	YA-25D	84	63P	RO-11D	28
TR47P	TOYO-15.P	33	B55	GM-45D	14	63Y	HU-SX	3
TR47P	TOYO-15.PS	164	H55	FO-26D	8	B63	GM-17	12
YH47	YAMA-18D	42	YM55	YAMA-16D	42	B63P	GM-17.P	12
B48	GM-6	11	B56	GM-46D	14	CO63	CCL-5D	49
B48	GM-6E	176	H56	FO-33D	9	H63	FO-40D	9
B48	GM-6S	162	YM56	YAMA-16I	42	HD63	HOND-4D	39
B48P	GM-6.P	11	B57	ISU-2	18	HD63	HOND-4DS	163
NE48	NE-11	29	HO58	HOND-19	39	HD63P	HOND-4D.P	39
S48HFP	ME-2.P	21	S58HFP	ME-12.P	22	R63	FNL-1D	60
X48	YAMA-4D	42	B59	GM-44D	14	X63	YAMA-15I	42

CROSS REF.	REF.	PAG.
YM63	YAMA-26D	43
B64	GM-19	12
B64P	GM-19.P	12
HU64P	ME-7.P	21
R64	FNL-2D	60
YM64	YAMA-26	43
B65	GM-4	11
B65	GM-4E	176
B65P	GM-4.P	11
H65	FO-9D	7
H65P	FO-9D.P	7
H66	FO-39D	9
H66P	FO-8D.P1	7
HU66P	HU-HAA.P1	34
S66NNP	NE-40.P	36
67	DX-5DS	157
B67	GM-42D	14
H67	FO-8D	7
H67	FO-8DE	175
H67P	FO-8D.P	7
S67NNP	NE-41.P	36
X67	YAMA-5I	42
B68	GM-22	12
B68P	GM-22.P	12
CO68	CCL-11	50
CO68	CCL-11E	169
HD68	HOND-8I	39
S68	SAR-2D	73
S68	SAR-2DE	172
X68	YAMA-5D	42
B69	GM-29D	13
S69	SAR-9D	76
X69	YAMA-12I	42
H70	FO-12	7
H70P	FO-12.P	8
HD70	HOND-1	14
HD70U	HOND-34	14
H71	FO-34D	9
HD71	HOND-2	14
NE71R	NE-35	29
NE71RDP	NE-35.P2	29
VW71	VO-M	35
VW71A	VO-R	35
X71	HOND-34	14
73VB	VO-HV	35
73VBP	VO-HV.P	35
VO73	NE-10	36
VO73S	NE-9	36
X73	YAMA-14I	42
B74	GM-15D	12
B74P	GM-15D.P	12
X74	YAMA-17D	42
H75	FO-15D	8
H75	FO-15DE	175
H75	FO-15DS	162
H75P	FO-15D.P	8

CROSS REF.	REF.	PAG.
H75P	FO-15D.PS	162
HD75	HOND-4I	39
HD75	HOND-4IS	163
HD75P	HOND-4I.P	39
X75	YAMA-17I	42
H76	FO-23D	7
H76G	HOND-7I	39
H76P	FO-23D.P	7
X76	YAMA-15D	42
B77	GM-18	12
B77P	GM-18.P	12
X77	YAMA-12D	42
B78	GM-20	12
B78P	GM-20.P	12
H78	FO-30D	9
H78P	FO-30D.P1	9
Y78	YA-57D	86
B79	GM-43	14
80S	SA-2	107
B80	GM-24	11
B80P	GM-24.P	11
X80	NE-12	36
HD82	HOND-12	15
HD82P	HOND-12.P	15
X82	ME-HU	22
X83	ME-HY	22
B84	GM-23	12
B84P	GM-23.P	12
B85	GM-41	14
B86	GM-14	12
B86	GM-14E	176
B86	GM-14S	162
B86P	GM-14.P	12
B86P	GM-14.PS	162
H86	FO-27D	8
H86	FO-27DS	162
H86P	FO-27D.P	8
H86P	FO-27D.PS	162
X86	FO-TX	10
CO87	COR-8	52
CO87	COR-8E	169
X87	SUZU-5	41
B88	GM-21	30
B88P	GM-21.P	30
CO88	COR-9	52
CO88	COR-9E	169
CR88	COR-216	55
X88	AU-HV	2
B89	GM-30	13
B89	GM-30E	176
B89P	GM-30.P	13
CO89	COR-56	54
CO89	COR-56E	170
X89	LAS-V	27
HD90	HOND-10	14
HD90	HOND-10E	176

CROSS REF.	REF.	PAG.
HD90P	HOND-10.P	15
LXP90P	TOYO-18.P	33
B91	GM-34	13
B91	GM-34E	176
B91P	GM-34.P	13
CO91	COR-63	54
CO91	COR-63E	170
CR91	COR-217	55
CS91C	CI-4IP	98
CS91CR	CI-4DP	98
CS91E	CI-5DP	98
CS91ER	CI-5IP	98
HD91	HOND-15	15
HD91P	HOND-15.P	15
PR91A	PR-5I	106
PR91C	PR-7	106
PR91N	PR-5D	106
ST91A	CE-5D	97
VR91	VI-1I	110
VR91A	VI-2D	110
VR91AR	VI-2I	110
VR91B	VI-4IP	110
VR91BR	VI-4DP	110
VR91R	VI-1D	110
VR91R	VI-1DS	160
VR91R-AL.BLUE	VI-1D.AA	133
VR91R-AL.BLACK	VI-1D.AB	133
VR91R-AL.LILAC	VI-1D.AL	133
VR91R-AL.NAVY BL.	VI-1D.AM	133
VR91R-AL.ORANGE	VI-1D.AN	133
VR91R-AL.PINK	VI-1D.AP	133
VR91R-AL.RED	VI-1D.AR	133
VR91R-AL.TOURQ.	VI-1D.AT	133
VR91R-AL.GRAPE	VI-1D.AU	133
VR91R-AL.GREEN	VI-1D.AV	133
VR91R-AL.YELLOW	VI-1D.AY	133
B92	GM-36	13
B92	GM-36E	176
B92P	GM-36.P	13
CO92	COR-101	54
CR92	COR-180	55
HD92	HOND-40D	1
HD92P	HOND-40D.P	1
X92	NE-16	28
B93	GM-35	13
B93P	GM-35.P	13
CO94	COR-60	54
CR94	COR-181	55
CO95	COR-57	54
CR95	COR-182	55
B96	GM-40	30
B96P	GM-40.P	30
HD96	HOND-39D	1
CO97	COR-7	52
HD97	HOND-41D	1
CO98	COR-58	54

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CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.	CROSS REF.	REF.	PAG.
HD99	HOND-38D	1	X123	DAT-12	25	X174	TOYO-20D	33
HD99P	HOND-16D.P1	1	X124	DAT-18	25	X176	MIT-16	24
100AM	CHI-11	51	X129	HOND-12	15	X178	MAZ-20D	21
100C	SLG-3S	159	X130	HOND-13	15	X179	SUZU-11D	41
100E	SLG-11S	159	X131	MAZ-3D	20	X180	GM-29D	13
101AM	CHI-9D	51	X132	VO-9D	35	X181	HOND-10	14
101C	SLG-4S	159	X137	TOYO-12	33	X182	HOND-15	15
101CE	SLG-8S	159	X138	HOND-4I	39	X183	HOND-40D	1
101E	SLG-5S	159	Y138	CHR-13D	4	X184	GM-4	11
101EF	SLG-10S	159	X140	NE-18	36	X185	SUZU-10	31
101F	SLG-9S	159	X143	GM-2	11	X186	SUZU-8	31
B101	HOND-32D	15	X144	BM-2	2	X187	HY-17	18
HD101	HOND-37D	1	X145	GM-45D	14	X188	MAZ-19D	21
HD101P	HOND-37D.P	1	X146	GM-46D	14	G190	GEN-24D	62
RU101	RUS-14D	71	X147	NE-20	27	G190A	GEN-26D	62
102AM	CHI-10D	51	Y149	CHR-12	4	G190B	GEN-5D	61
B102	GM-39	13	Y149	CHR-12E	175	G190BA	GEN-10D	61
B102P	GM-39.P	13	X151	TOYO-10	32	G190C	GEN-14D	61
CO102	COR-102	54	Y152	CHR-8	4	G190CA	GEN-17D	61
103AM	CHI-8D	51	Y152	CHR-8E	175	G190D	GEN-21D	62
HD103	HOND-16D	15	Y152	CHR-8S	161	G190DA	GEN-22D	62
HD103	HOND-16DE	176	X153	YU-1D	36	G190E	GEN-25D	62
HD103	HOND-16DS	163	Y153	CHR-18	4	G190EA	GEN-27D	62
HD103P	HOND-16D.P	15	Y153	CHR-18E	175	G190F	GEN-28D	62
HD103P	HOND-16D.PS	163	Y153P	CHR-8.P	4	G190FA	GEN-29D	62
X103	KAW-3	40	Y153P	CHR-8.PS	161	G190M	GEN-18D	61
Y103	YA-54D	84	X154	GM-47D	14	G190MA	GEN-23D	62
Y103	YA-54DE	174	Y154	CHR-9	4	191AB	ABU-4I	78
104AM	CHI-7D	51	Y154	CHR-9E	175	G191	GEN-1D	61
X104	KAW-4	40	Y154	CHR-9S	161	G191A	GEN-6D	61
X105	KAW-1I	40	Y154P	CHR-9.P	4	G192	GEN-2D	61
B106	GM-37	30	Y154P	CHR-9.PS	161	G192A	GEN-7D	61
B106	GM-37S	164	Y155	CHR-10	4	G193	GEN-3D	61
B106P	GM-37.P	30	Y155	CHR-10E	175	G193A	GEN-8D	61
CO106	HUD-3	50-63	Y155	CHR-10S	161	X193	HOND-39D	1
CO106	HUD-3E	170	Y155P	CHR-10.P	4	G194	GEN-4D	61
X106	KAW-1D	40	Y155P	CHR-10.PS	161	G194A	GEN-9D	61
CO107	COR-59	54	Y157	CHR-14	4	X194	HOND-41D	1
X107	YAMA-13I	42	Y157	CHR-14E	175	G195	GEN-11D	61
CO108	COR-103	54	Y157	CHR-14S	161	G195A	GEN-15D	61
HD109	HOND-33	40	Y157P	CHR-14.P	4	G196	GEN-12D	61
B110	GM-38	13	Y157P	CHR-14.PS	161	G196A	GEN-16D	61
B110P	GM-38.P	13	X158	ISU-2	18	X196	HY-3D	16
X110	VO-N	35	X159	TOYO-13	33	G197	GEN-13D	61
X111	YAMA-16D	42	Y159	CHR-15	4	X197	DAT-14	25
X112	YAMA-16I	42	Y159	CHR-15E	175	G198	GEN-19D	62
00114	FO-19S	162	Y159	CHR-15S	161	X198	GM-15D	12
X114	DAT-2D	24	Y159P	CHR-15.P	4	G199	GEN-20D	62
X115	DAT-2I	24	Y159P	CHR-15.PS	161	X201	MAZ-17D	20
00116	FO-11DS	161	X160	HY-15D	17	X202	FO-28D	8
X117	YAMA-19I	42	X161	HY-16	17	X204	HOND-38D	1
X118	YAMA-19D	42	X162	GM-44D	14	X206	MAZ-8D	20
X119	YAMA-18D	42	X168	OP-S	14	X207	FO-40D	9
MZ120	MAZ-2I	19	170S	SA-1	107	X208	HOND-37D	1
X120	YAMA-18I	42	X170	NE-11	29	X210	DAT-22	26
X121	MIT-2I	23	X171	NE-28	28	X211	TOYO-33D	34

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X213	CHR-17	4
X214	HOND-16D	15
X216	HY-4	16
X217	TOYO-15	33
Y220	YA-60D	85
X221	FO-9D	7
Y221	TE-17D	79
X222	MAZ-13D	20
Y222	TE-11D	79
X223	TOYO-17	33
Y223	TE-15D	79
X224	MIT-14D	24
X225	GM-24	11
X227	DAT-19	25
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X230	MAZ-18D	21
X231	FO-12	7
X232	HY-6D	16
X233	KI-1D	18
X235	HY-5	16
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X240	KI-2D	19
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X242	DAT-20	26
X243	DAT-10	25
X244	FO-23D	7
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X264	MIT-17	24
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X267	KI-4D	19
X268	DAT-23	26
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H997ER	YA-3I	83
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998GA	YA-57D	86
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998GE	YA-92D	86
998GF	YA-93D	86
998GG	YA-94D	86
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998GL	YA-106D	88
998GST	YA-64D	85
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998LG	YA-103D	88
998LH	YA-104D	88
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998SH	YA-124D	89
998SK	YA-125D	89
998SMK	YA-126D	89
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998TC	YA-129D	90
998TD	YA-130D	90
998TE	YA-131D	90
998TF	YA-132D	90
998TG	YA-133D	90
998TH	YA-134D	90
998TK	YA-135D	90
998TMK	YA-136D	90
998VA	YA-57	87
998VB	YA-58	87
998VC	YA-59	87
998VD	YA-91	87
998VE	YA-92	87
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998VG	YA-94	87
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998YC	YA-109	89
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998YE	YA-111	89
998YF	YA-112	89
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998YH	YA-114	89
998YK	YA-115	89
998YMK	YA-116	89
998ZA	YA-257	87
998ZB	YA-258	87
998ZC	YA-259	87
998ZG	YA-260	87
A998GST	YA-238D	87
D998GA	YA-196D	86
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D998GH	YA-203D	86
D998GK	YA-204D	86
H998	YA-165D	86
H998GA	YA-156D	86
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H998GK	YA-164D	86	999GF	YA-191D	85	1001A	COR-85	53
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H998SA	YA-176D	90	999GH	YA-193D	85	1001A2	COR-155D	52
H998SB	YA-177D	90	999GK	YA-194D	85	1001AB	COR-84	53
H998SC	YA-178D	90	999K1	TE-17D	79	1001ABM	COR-98	54
H998SD	YA-179D	90	999K2	TE-11D	79	1001AH	COR-86	54
H998SE	YA-180D	90	999K3	TE-15D	79	1001AM	COR-94	54
H998SF	YA-181D	90	999LA	YA-206D	88	1001BH	COR-88	54
H998SG	YA-182D	90	999LB	YA-207D	88	1001BM	COR-95	54
H998SH	YA-183D	90	999LC	YA-208D	88	1001C1	COR-90	54
H998SK	YA-184D	90	999LD	YA-209D	88	1001C2	COR-91	54
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H998TA	YA-166D	90	999LF	YA-211D	88	1001CM	COR-96	54
H998TB	YA-167D	90	999LG	YA-212D	88	1001D1	COR-92	54
H998TC	YA-168D	90	999LH	YA-213D	88	1001D2	COR-93	54
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H998TG	YA-172D	90	999VA	YA-261	87	1001EA	COR-174	53
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H998TMK	YA-175D	90	999VD	YA-264	87	1001EH	COR-8	52
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H998VB	YA-157	88	999VG	YA-266	87	1001EL	COR-47	53
H998VC	YA-158	88	999VH	YA-267	87	1001EN	COR-62	53
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H998YA	YA-146	89	1000FX	CCL-13D	49	1001MA	COR-162	53
H998YB	YA-147	89	1000KC	CCL-35D	49	1001MB	COR-163	53
H998YC	YA-148	89	1000P	CCL-33D	49	1001MC	COR-164	53
H998YD	YA-149	89	1000T	CCL-32	49	1001MD	COR-165D	53
H998YE	YA-150	89	1000V	CCL-12	49	1001MG	COR-166D	53
H998YF	YA-151	89	1000X	CCL-5D	49	1001MJ	COR-109	53
H998YG	YA-152	89	1000XK	CCL-34D	49	1001MK	COR-138D	52
H998YH	YA-153	89	R1000T	CCL-32D	49	A1001ABM	COR-56	54
H998YK	YA-154	89	R1000V	CCL-12D	49	A1001AH	COR-63	54
H998YMK	YA-155	89	S1000T	CCL-29	50	A1001AM	COR-104	54
H998ZA	YA-268	87	S1000V	CCL-11	50	A1001BH	COR-60	54
H998ZB	YA-269	87	S1000X	CCL-28D	50	A1001BM	COR-105	54
H998ZC	YA-270	87	S1000XK	CCL-31D	50	A1001C1	COR-58	54
H998ZG	YA-271	87	SR1000T	CCL-29D	50	A1001C2	COR-102	54
S998GA	YA-235D	87	SR1000V	CCL-11D	50	A1001CDM	COR-108	54
S998GB	YA-236D	87	SX1000F	CCL-2D	49	A1001CM	COR-106	54
S998GC	YA-237D	87	SX1000FR	CCL-2	49	A1001D1	COR-59	54
999	YA-41D	83	X1000F	CCL-3D	49	A1001D2	COR-103	54
999A	YA-17D	83	X1000FR	CCL-3	49	A1001DH	COR-57	54
999B	YA-60D	85	X1000G	CCL-1D	49	A1001DM	COR-107	54
999GA	YA-186D	85	X1000GR	CCL-1	49	A1001EH	COR-9	52
999GB	YA-187D	85	XO1000F	CCL-26D	49	A1001EHR	COR-9D	52
999GC	YA-188D	85	XO1000FR	CCL-26	49	A1001FH	COR-101	54

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L1001BM	COR-148	54
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L1001C2	COR-144	54
L1001CDM	COR-152	54
L1001CM	COR-149	54
L1001D1	COR-145	54
L1001D2	COR-146	54
L1001DH	COR-142	54
L1001DM	COR-150	54
L1001EH	COR-222	52
L1001FH	COR-140	54
L1001GRM	COR-153	54
O1001E	COR-10	52
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R1001ED	COR-167D	53
R1001EE	COR-168	53
R1001EF	COR-175	53
R1001EG	COR-55D	55
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R1001EM	COR-171D	53
R1001EN	SKI-1D	78
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R1001ET	COR-173D	53
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R1001MJ	COR-177D	53
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1003M	HUD-3	50-63
L1003A	CCL-20	50
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L1003C	CCL-22	50
L1003CD	CCL-25	50
L1003D	CCL-23	50
L1003M	CCL-10	50
R1003M	HUD-3D	63
S1003A	CCL-36	50

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S1003AB	CCL-40	50
S1003B	CCL-37	50
S1003C	CCL-38	50
S1003CD	CCL-41	50
S1003D	CCL-39	50
S1003M	CCL-42	50
1004	LWO-4D	66
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1004AR	LWO-5	66
1004AX	LWO-22D	66
1004AXA	LWO-24D	66
1004AXM	LWO-25D	66
1004K	LWO-1D	66
1004R	LWO-4	66
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1007	SAR-118	76
1007CA	SAR-16	75
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1007CC	SAR-18	75
1007CD	SAR-25	75
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1007LC	SAR-70	73
1007LD	SAR-77	73
1007LDH	SAR-80	73
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1007LF	SAR-72	73
1007LG	SAR-73	73
1007LH	SAR-78	73
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1007LM	SAR-79	73
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1007RB	SAR-69D	74
1007RC	SAR-70D	74
1007RD	SAR-77D	74
1007RDH	SAR-80D	74
1007RE	SAR-71D	74
1007RF	SAR-72D	74
1007RG	SAR-73D	74
1007RH	SAR-78D	74
1007RHM	SAR-81D	74
1007RJ	SAR-74D	74
1007RK	SAR-75D	74
1007RL	SAR-76D	74
1007RM	SAR-79D	74
L1007CA	SAR-92	75
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L1007CD	SAR-101	75
L1007CE	SAR-95	75
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L1007LJ	SAR-111	74
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L1007LL	SAR-113	74
L1007LM	SAR-116	74
N1007KMA	SAR-1	73
N1007KMB	SAR-6	73
N1007KMC	SAR-117	74
N1007RMA	SAR-1D	74
N1007RMB	SAR-6D	74
O1007CA	SAR-29	75
O1007CB	SAR-30	75
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O1007CG	SAR-34	75
O1007CH	SAR-39	75
O1007CJ	SAR-35	75
O1007CK	SAR-36	75
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O1007CM	SAR-40	75	1011D12	RUS-33	71	A1011-27N	RUS-28	72
O1007CN	SAR-41	75	1011D34	RUS-34	71	A1011-28N	RUS-29	72
O1007HA	SAR-56	76	1011D41	RUS-35	71	A1011D1	RUS-5	71
O1007HB	SAR-57	76	1011GH	RUS-75D	72	A1011D2	RUS-8	71
O1007HC	SAR-58	76	1011GJ	RUS-76D	72	A1011D3	RUS-9	71
O1007HD	SAR-65	76	1011K1	RUS-61D	73	A1011D4	RUS-10	71
O1007HDH	SAR-68	76	1011K2	RUS-62D	73	A1011D12	RUS-36	71
O1007HE	SAR-59	76	1011K3	RUS-63D	73	A1011D34	RUS-37	71
O1007HF	SAR-60	76	1011K4	RUS-64D	73	A1011D41	RUS-1	71
O1007HG	SAR-61	76	1011K5	RUS-65D	73	A1011H1	RUS-38D	72
O1007HH	SAR-66	76	1011K6	RUS-66D	73	A1011H2	RUS-39D	72
O1007HJ	SAR-62	76	1011K7	RUS-67D	73	A1011H3	RUS-40D	72
O1007HK	SAR-63	76	1011K8	RUS-68D	73	A1011H5	RUS-41D	72
O1007HL	SAR-64	76	1011K9	RUS-69D	73	A1011H6	RUS-42D	72
O1007HM	SAR-67	76	1011K10	RUS-70D	73	A1011H7	RUS-43D	72
O1007HN	SAR-10	76	1011K11	RUS-71D	73	A1011H8	RUS-44D	72
O1007LA	SAR-7	73	1011K12	RUS-72D	73	A1011-L1	RUS-5D	71
O1007LB	SAR-11	73	1011K13	RUS-73D	73	A1011-L2	RUS-8D	71
O1007LC	SAR-12	73	1011MK	RUS-74D	73	A1011-L3	RUS-9D	71
O1007LD	SAR-87	73	1011P	RUS-3	70	A1011-L4	RUS-14D	71
O1007LDH	SAR-90	73	1011PH	RUS-59D	72	A1011-L12	RUS-36D	71
O1007LE	SAR-82	73	1011PM	RUS-60D	72	A1011-L34	RUS-37D	71
O1007LF	SAR-83	73	1011PZ	RUS-58D	72	A1011-L41	RUS-13D	71
O1007LG	SAR-84	73	1011-L1	RUS-4D	71	A1011M	RUS-50	72
O1007LH	SAR-88	73	1011-L2	RUS-30D	71	A1011P	RUS-6	72
O1007LHM	SAR-91	73	1011-L3	RUS-31D	71	A1011PZ	RUS-11D	72
O1007LJ	SAR-13	73	1011-L4	RUS-32D	71	A1011PZR	RUS-11	72
O1007LK	SAR-85	73	1011-L12	RUS-33D	71	A1011S	RUS-48	72
O1007LL	SAR-86	73	1011-L34	RUS-34D	71	A1011T	RUS-49	72
O1007LM	SAR-89	73	1011-L41	RUS-35D	71	B1011D1	RUS-51	71
O1007RA	SAR-7D	74	A1011-1N	RUS-16D	72	B1011D2	RUS-52	71
O1007RB	SAR-11D	74	A1011-2N	RUS-17D	72	B1011D3	RUS-53	71
O1007RC	SAR-12D	74	A1011-3N	RUS-18D	72	B1011D4	RUS-54	71
O1007RD	SAR-87D	74	A1011-4N	RUS-19D	72	B1011D12	RUS-55	71
O1007RDH	SAR-90D	74	A1011-5N	RUS-20D	72	B1011D34	RUS-56	71
O1007RE	SAR-82D	74	A1011-6N	RUS-21D	72	B1011D41	RUS-57	71
O1007RF	SAR-83D	74	A1011-7N	RUS-22D	72	L1011-L1	RUS-51D	71
O1007RG	SAR-84D	74	A1011-8N	RUS-23D	72	L1011-L1	COR-131D	55
O1007RH	SAR-88D	74	A1011-9N	RUS-24D	72	L1011-L2	RUS-52D	71
O1007RHM	SAR-91D	74	A1011-10N	RUS-25D	72	L1011-L2	COR-132D	55
O1007RJ	SAR-13D	74	A1011-11N	RUS-26D	72	L1011-L3	RUS-53D	71
O1007RK	SAR-85D	74	A1011-12N	RUS-27D	72	L1011-L3	COR-133D	55
O1007RL	SAR-86D	74	A1011-13N	RUS-28D	72	L1011-L4	RUS-54D	71
O1007RM	SAR-89D	74	A1011-14N	RUS-29D	72	L1011-L4	COR-134D	55
1010B	SAR-4D	76	A1011-15N	RUS-16	72	L1011-L12	RUS-55D	71
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CILINDRO NORTEAMERICANO
CYLINDRE NORD-AMÉRICAIN

INTERNATIONAL CYLINDER
CILINDRO INTERNACIONAL
CYLINDRE INTERNATIONAL

FLAT KEYS
LLAVES PLANAS
CLÉS PLATES

BIT AND BARREL
GORJA
CLÉS À GORGES

CROSS KEYS
LLAVES DE CRUZ
CLÉS TRANSVERSALES

ALUMINUM
ALUMINIO
ALUMINIUM

COLOR MATIC
CENTRO DE PLÁSTICO
COEUR PLASTIQUE

CRISTAL KEYS
LLAVES CRISTAL
CLÉS DE VERRE

PRO LINE
LÍNEA PRO
LIGNE PRO

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LINE

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LINE

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LÍNEA JMA
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THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

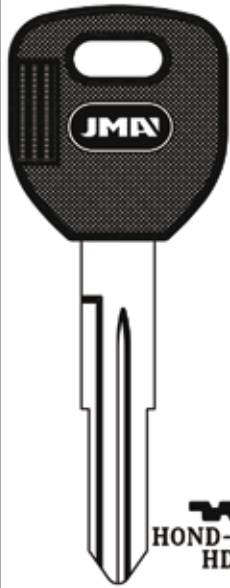
VEHICLES

VEHÍCULOS
VEHICULE

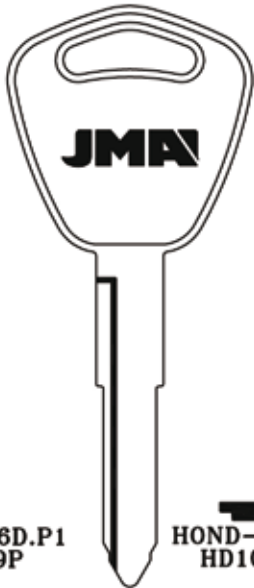


THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

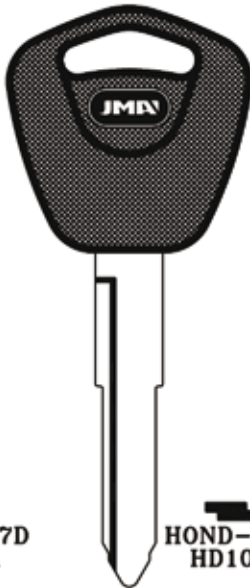
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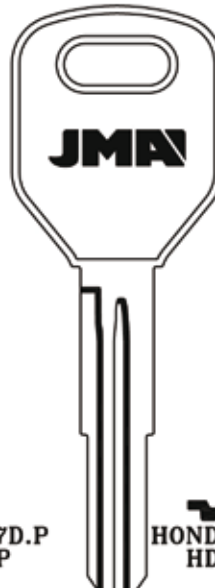
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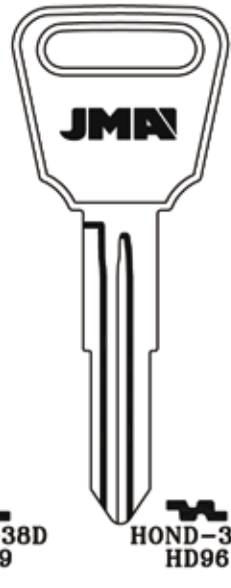
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HOND-37D.P
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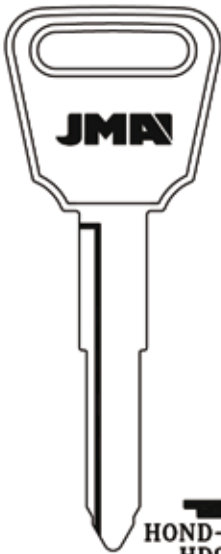


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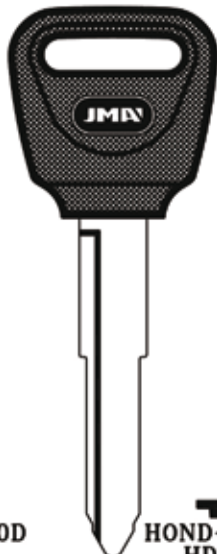


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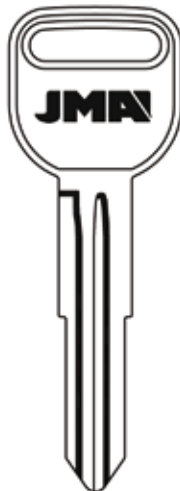
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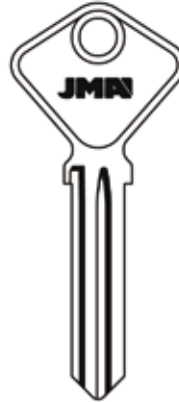


HOND-40D.P
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ALFA ROMEO



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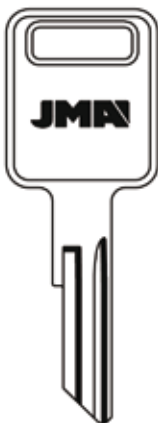
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LADA-LAMBOR.-PANTERA-YUGO

AMERICAN MOTORS



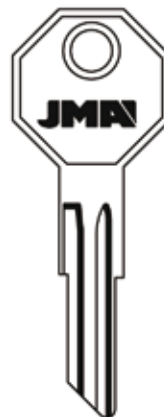
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AMM-3
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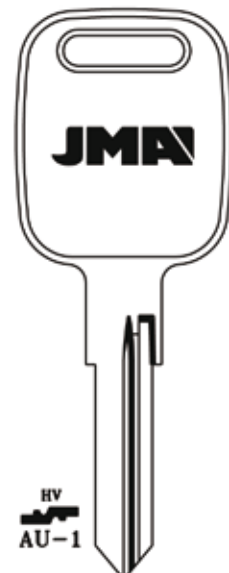


AMM-4
B5
BRIGGS & STRATTON
KENWORTH-HUDSON



BS-11
RA2

AUDI



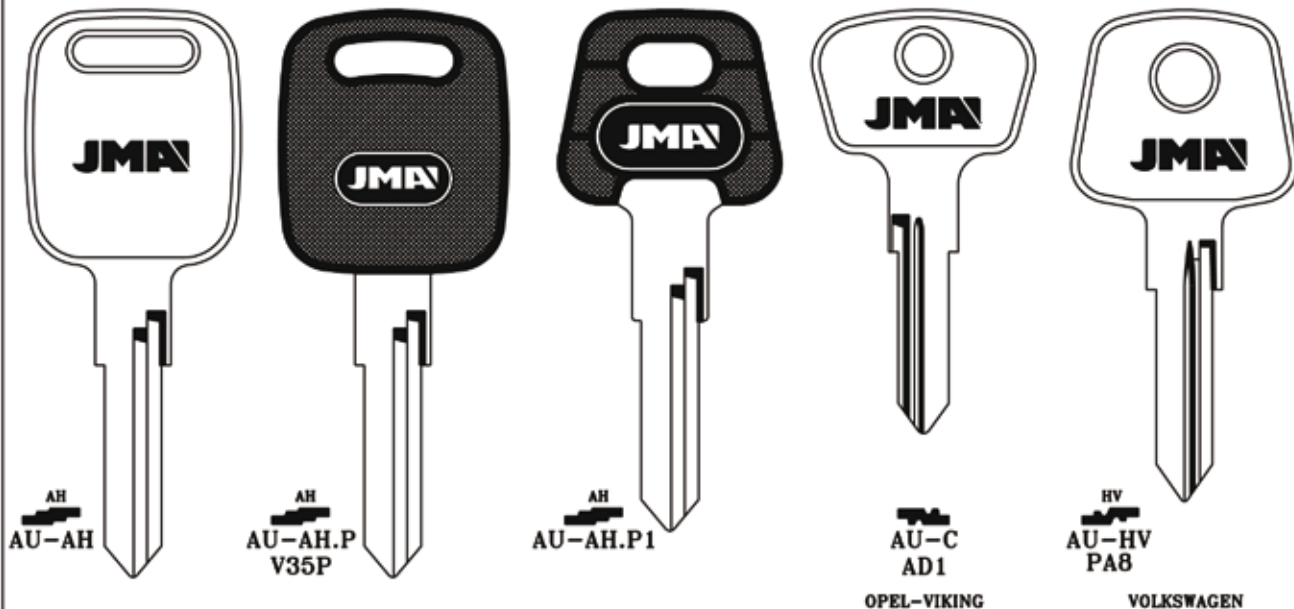
HV
AU-1

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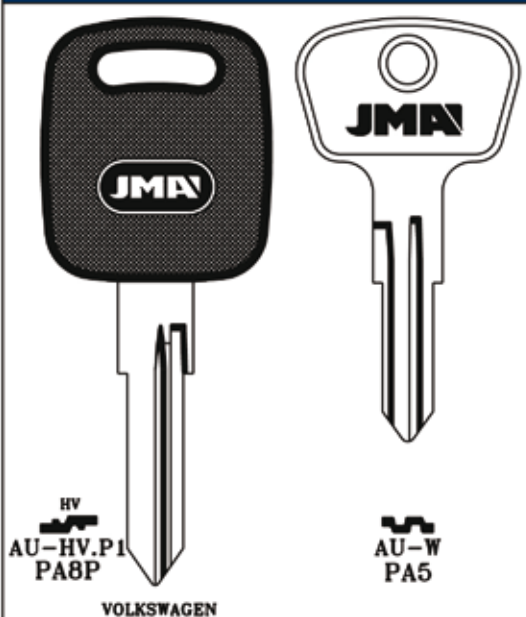
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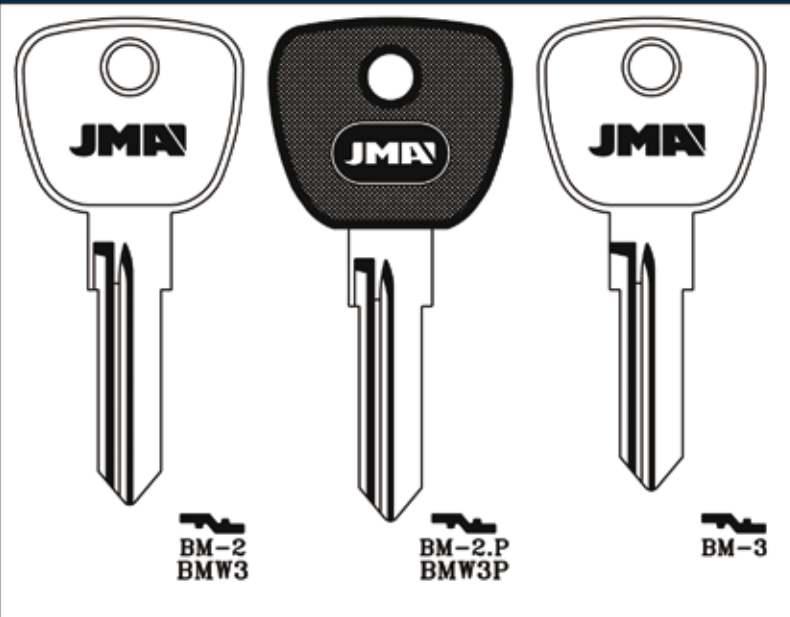
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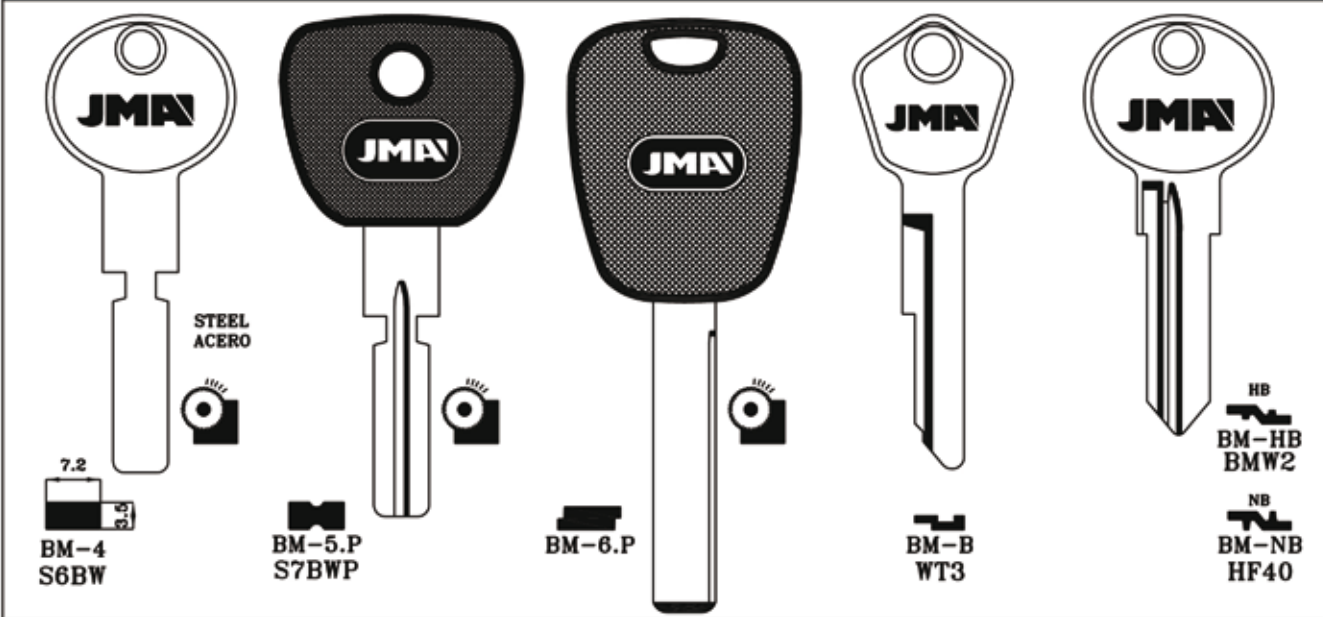
AUDI



BMW



BMW



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BMW

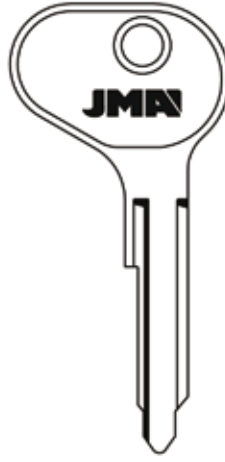


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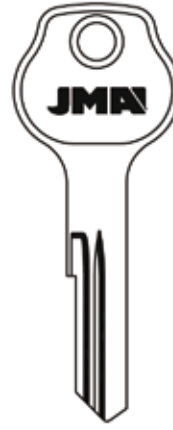
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HB
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BM-W
BMW1



HU-SX
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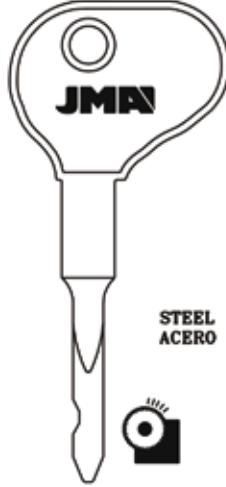
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BOMBARDIER



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BH-2



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BH-4

BRIGGS & STRATTON



BS-10
B1
DIAMOND REQ-FREIGHTLINER
MACK-MISC. SWITCHES



BS-11
B4

BRIGGS STRATTON

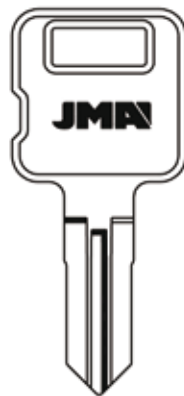


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CATERPILLAR



CAT-1.P



CAT-2
1560



CAT-3
CNA2

CESSNA



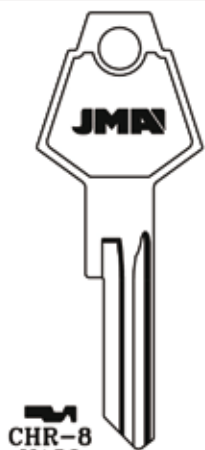
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C1054B

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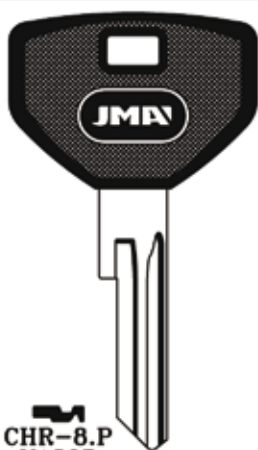
CHRYSLER



CHR-8
Y152



CHR-7



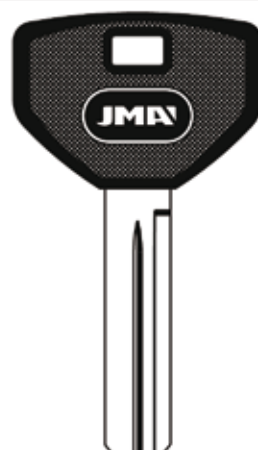
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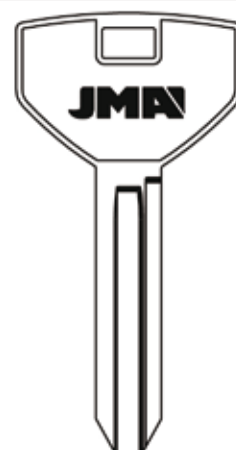
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Y154



CHR-9.P
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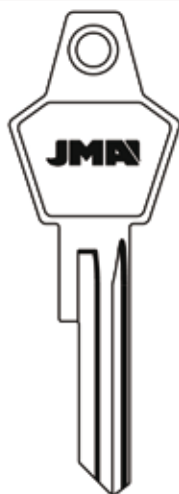


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Y155

CHRYSLER



CHR-10.P
Y155P

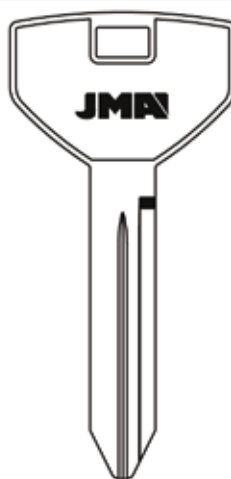


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CHR-12
Y149

CHR-13D
Y138



CHR-14
Y157



CHR-14.P
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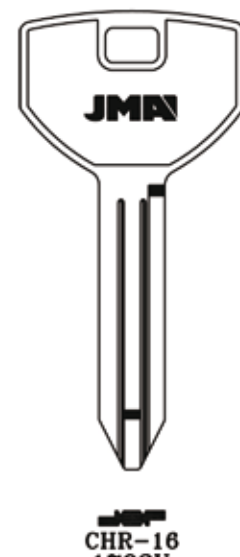
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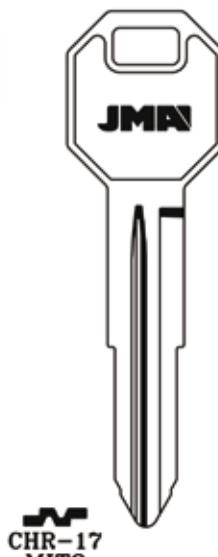
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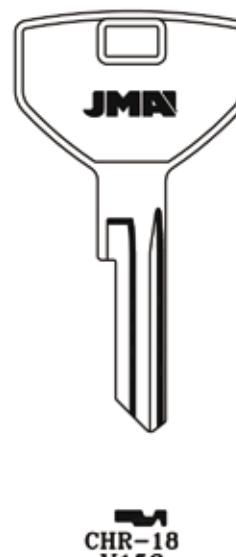
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CHR-16
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CHR-17
MIT2



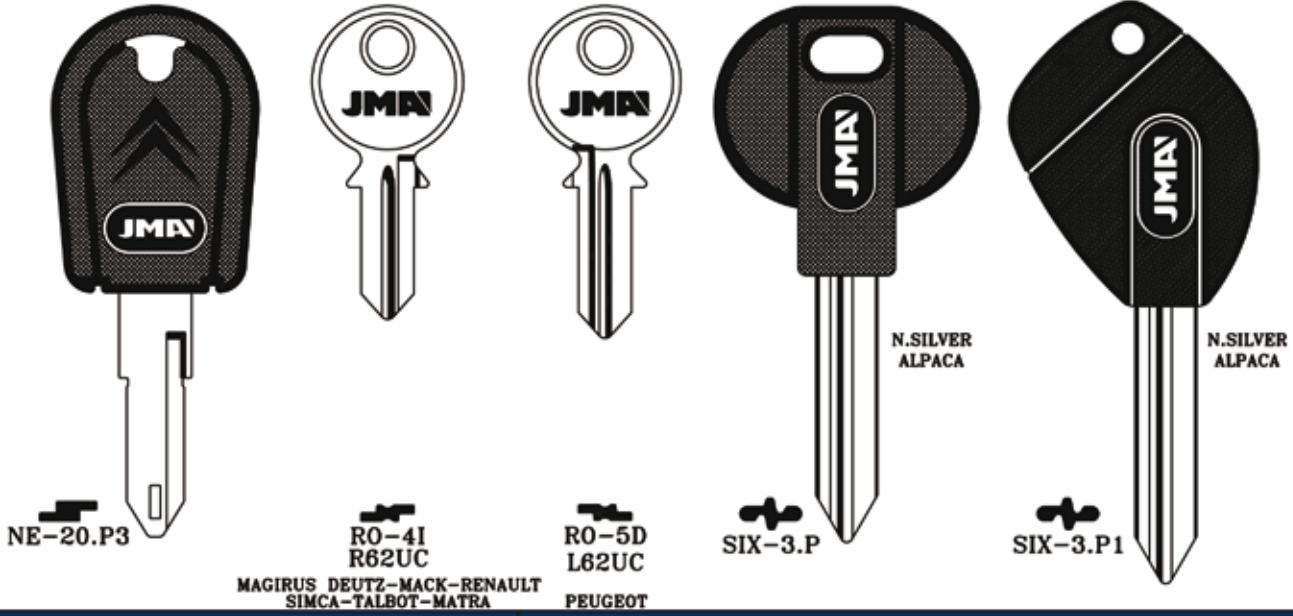
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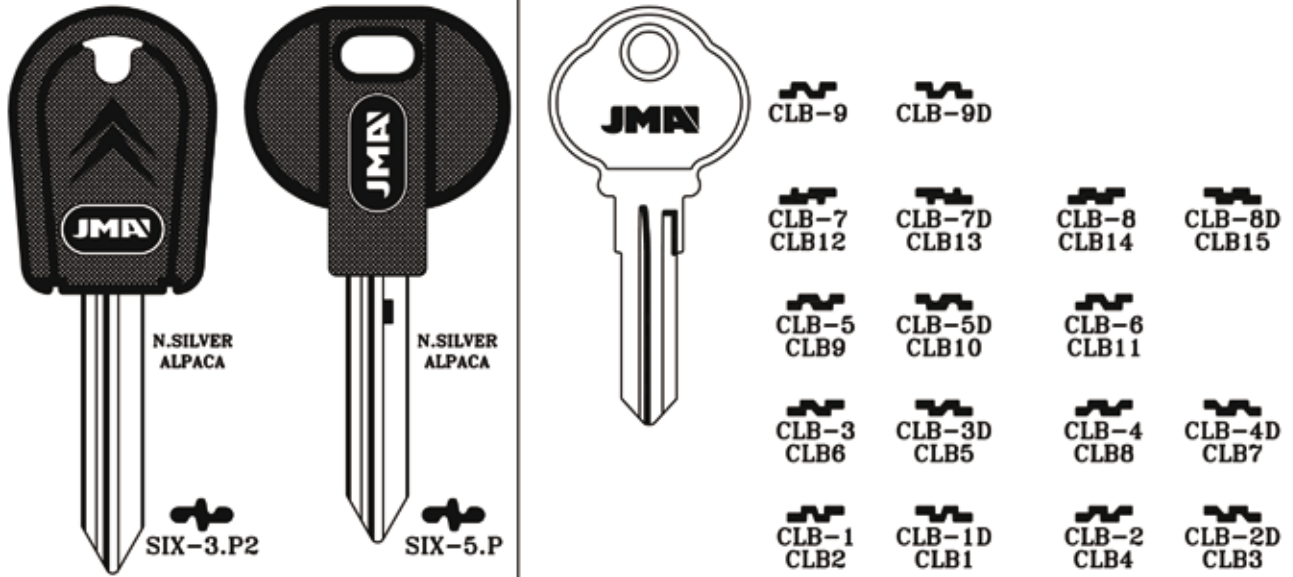
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CITROEN

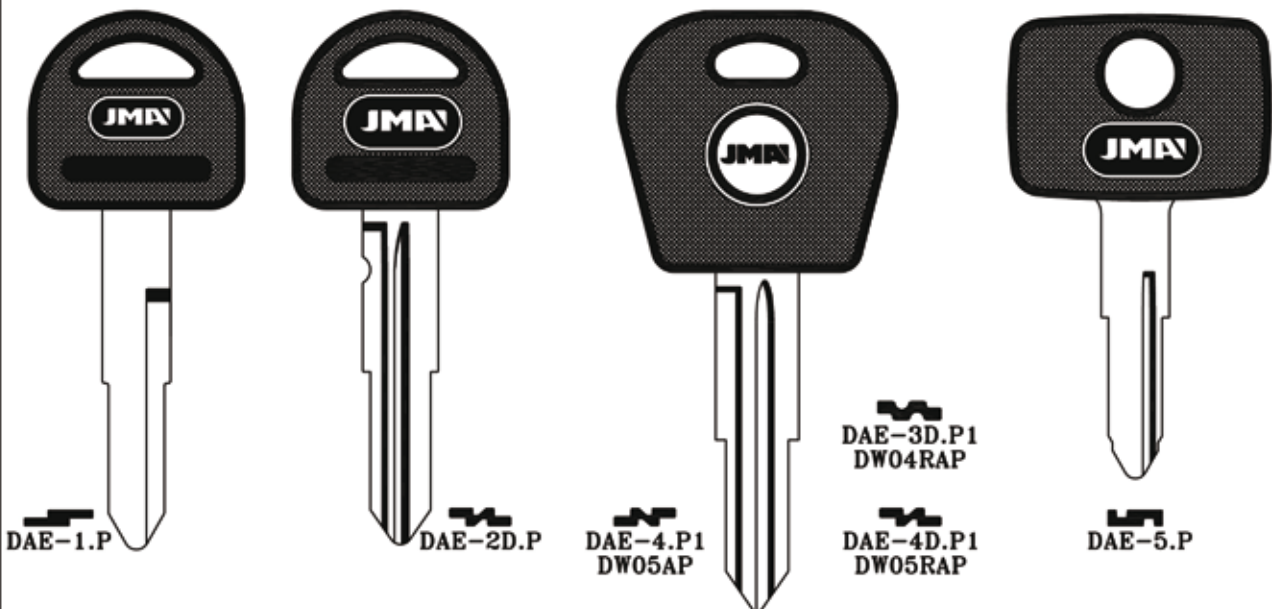


CITROEN

THE CLUB



DAEWOO

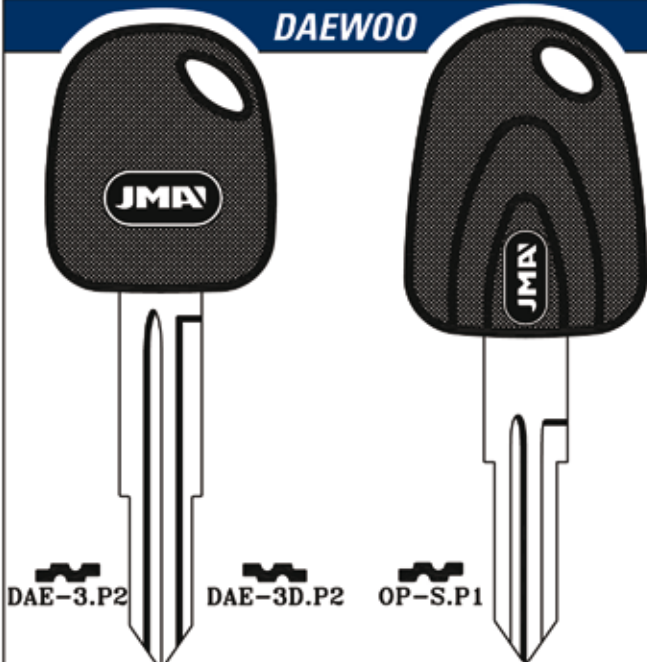


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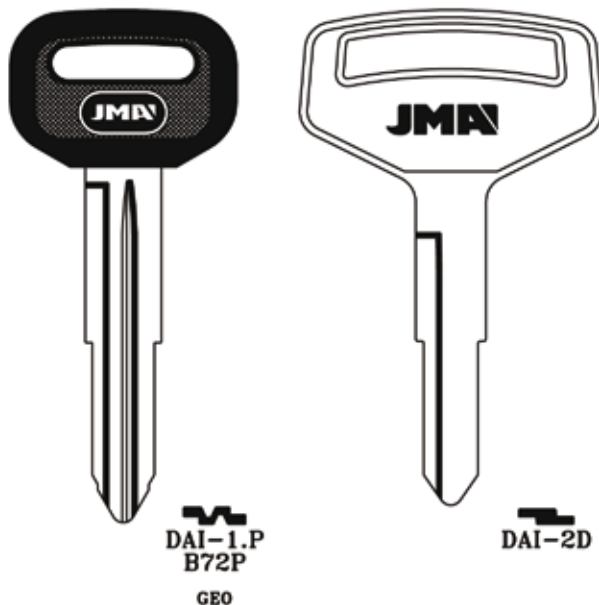


DAEWOO



DAE-3.P2 DAE-3D.P2 OP-S.P1

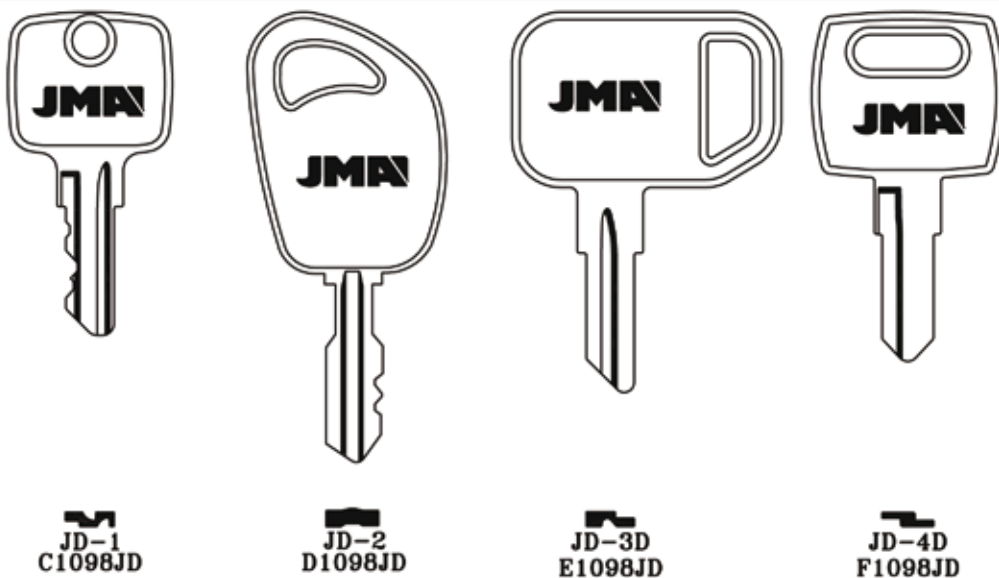
DAIHATSU



DAI-1.P
B72P
GEO

DAI-2D

JOHN DEERE

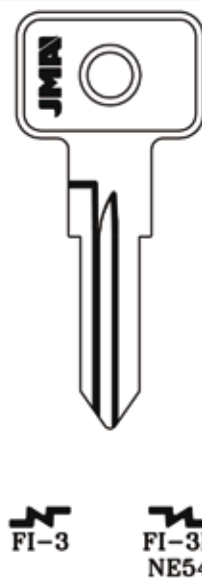


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C1098JD D1098JD E1098JD F1098JD

INDAK-YARD TRACTOR

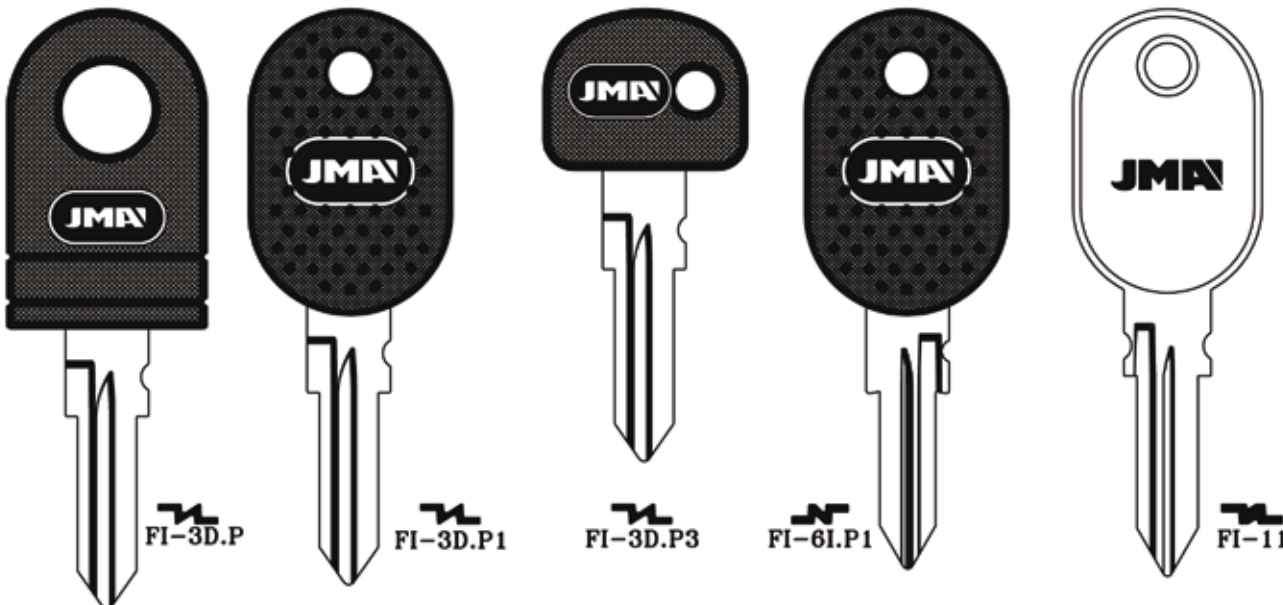
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FI-3 FI-3D

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FIAT



FI-3D.P FI-3D.P1 FI-3D.P3 FI-61.P1 FI-11

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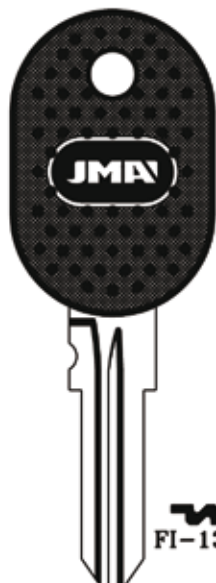
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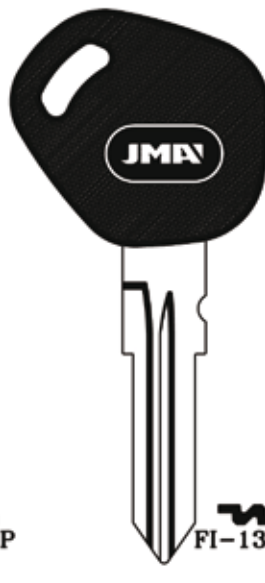
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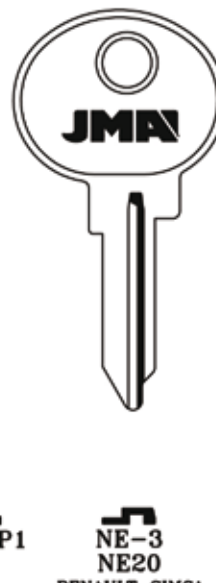
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FI-13.P1



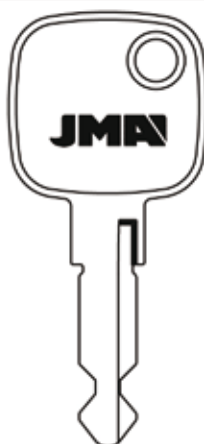
NE-3
NE20
RENAULT-SIMCA
TALBOT-MATRA

FIAT



NE-3.P

RENAULT-SIMCA
TALBOT-MATRA



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FORD

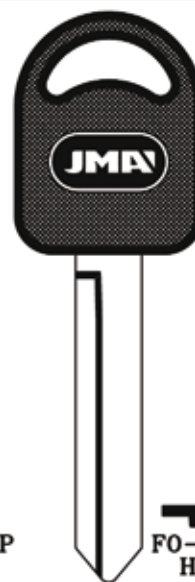


FO-8

FO-8D
H67

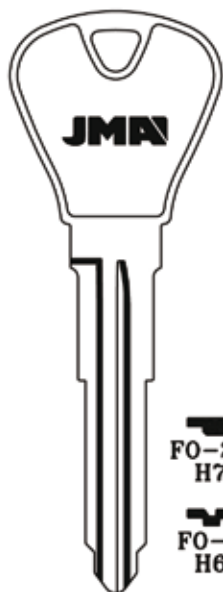


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FO-8D.P1
H66P

FORD



FO-23D
H76

FO-9D
H65

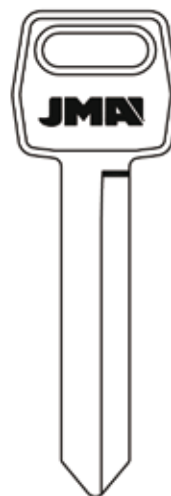


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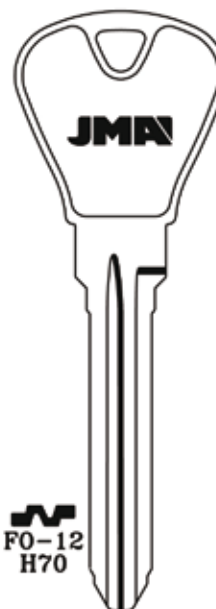


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FO-11

FO-11D
H60



FO-12
H70

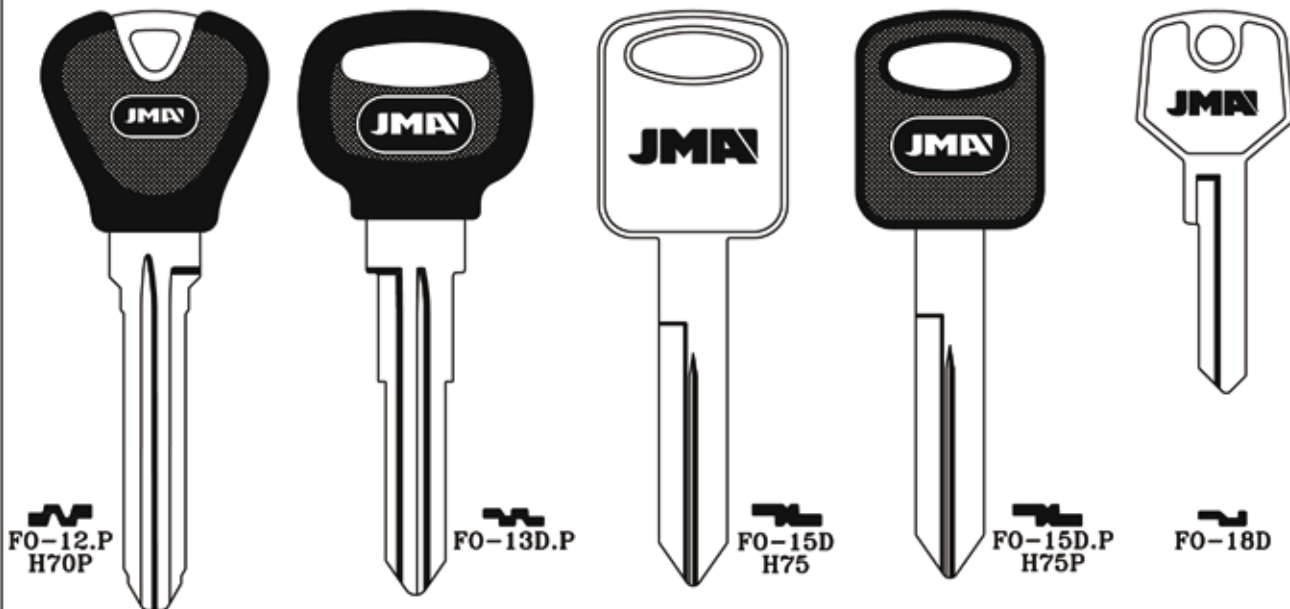
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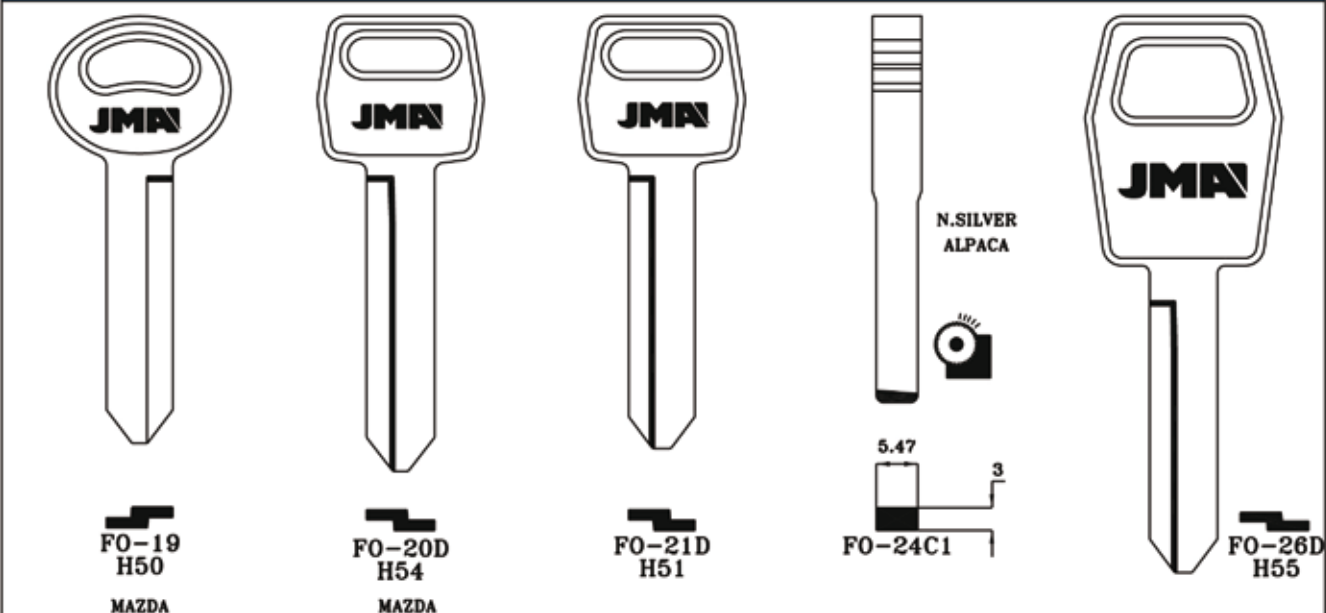
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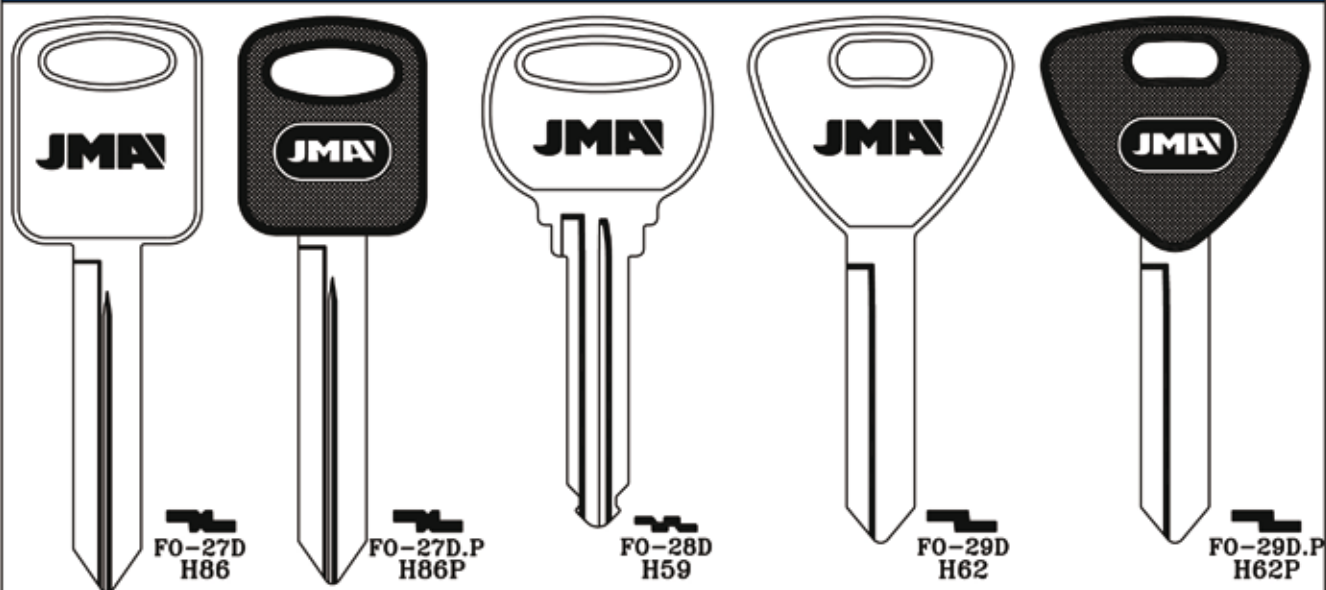
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FORD



FORD



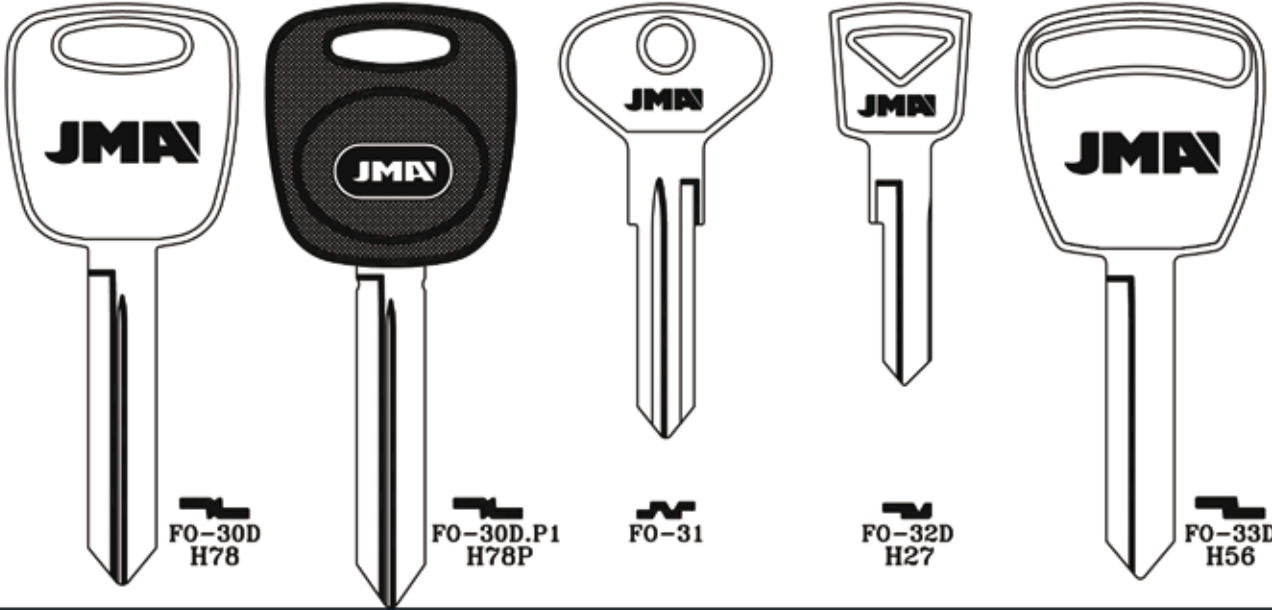
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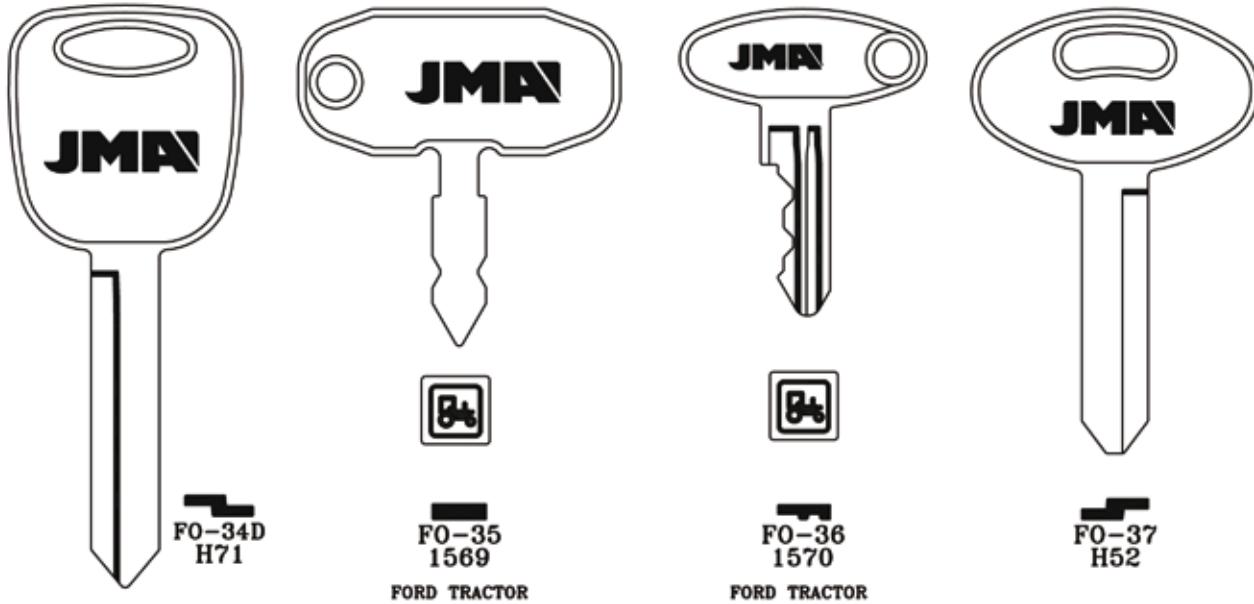
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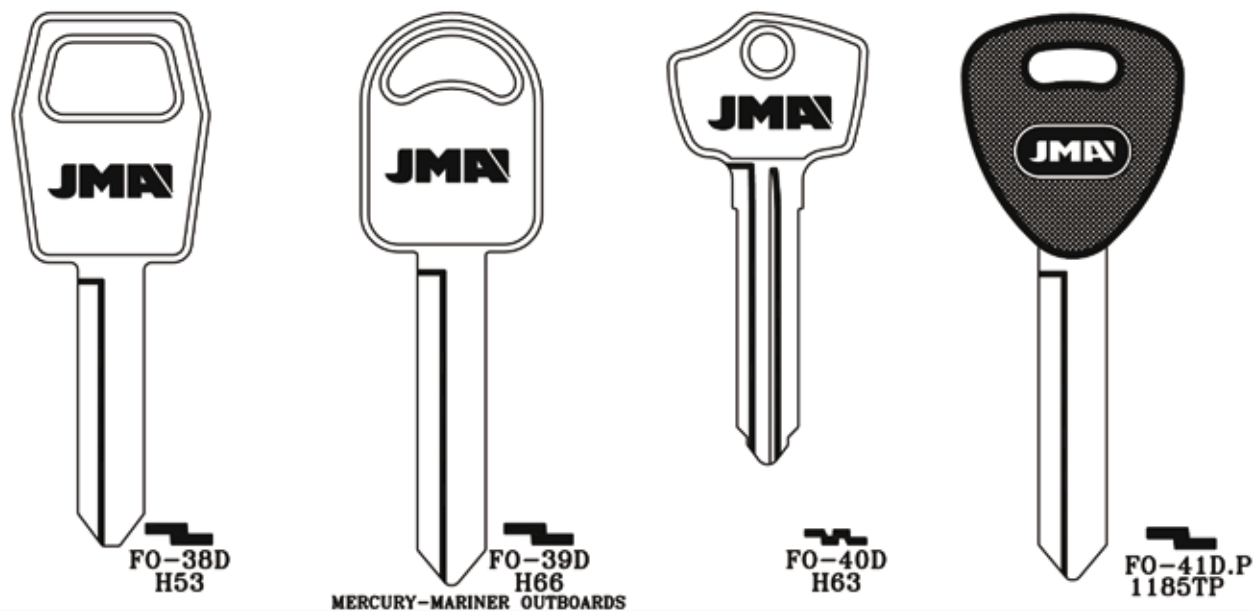
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FORD



FORD



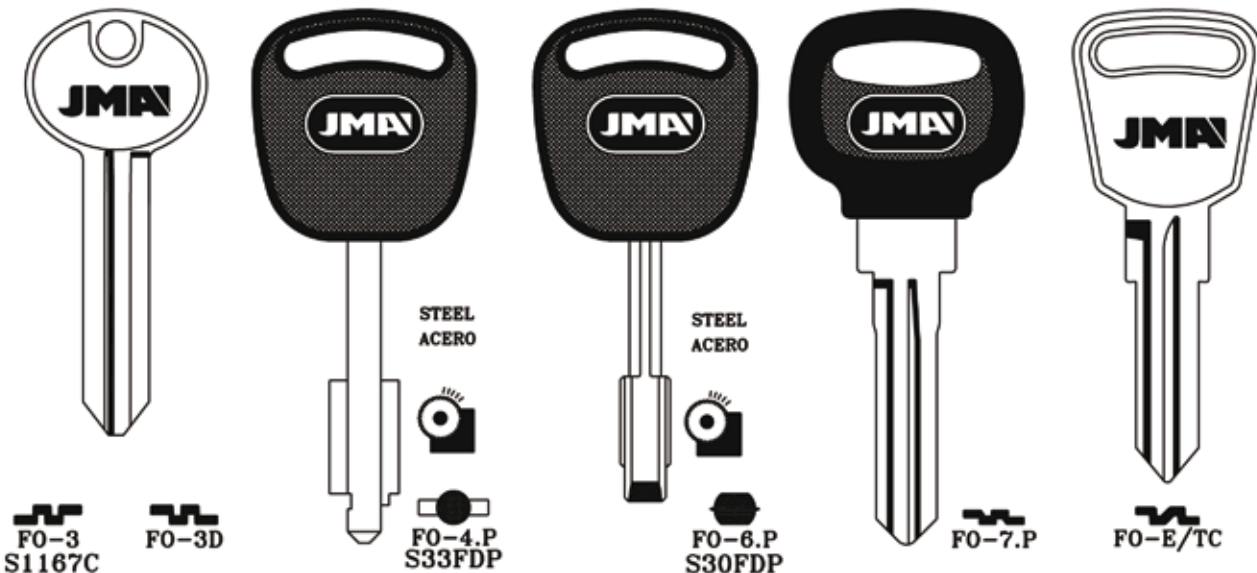
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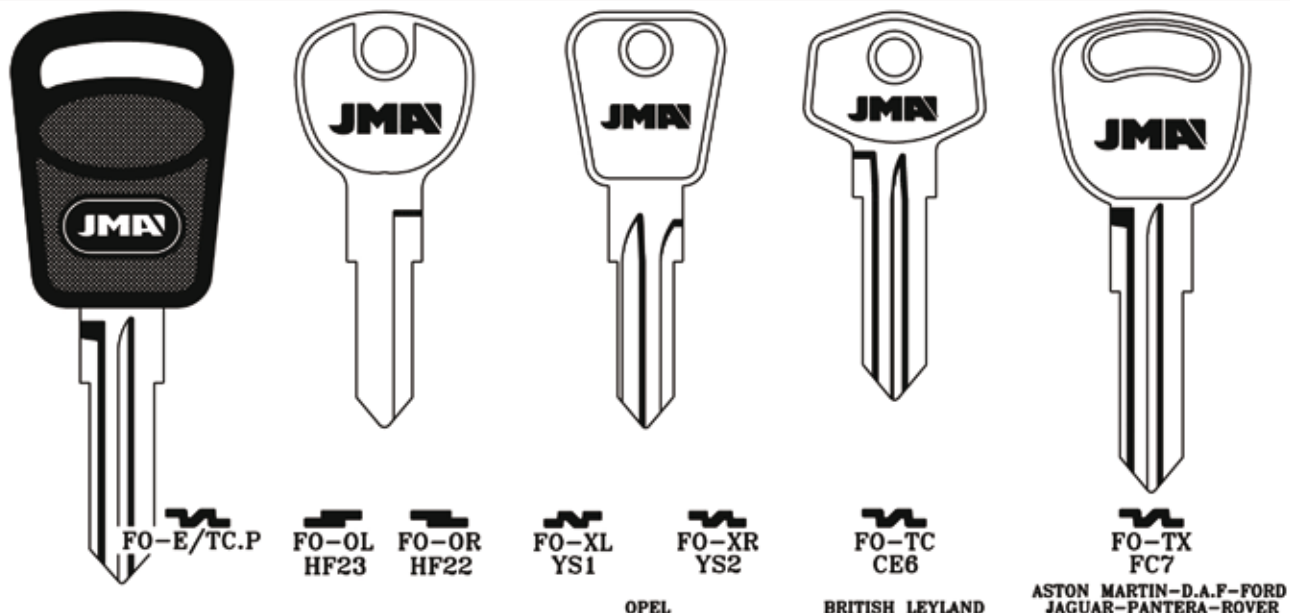
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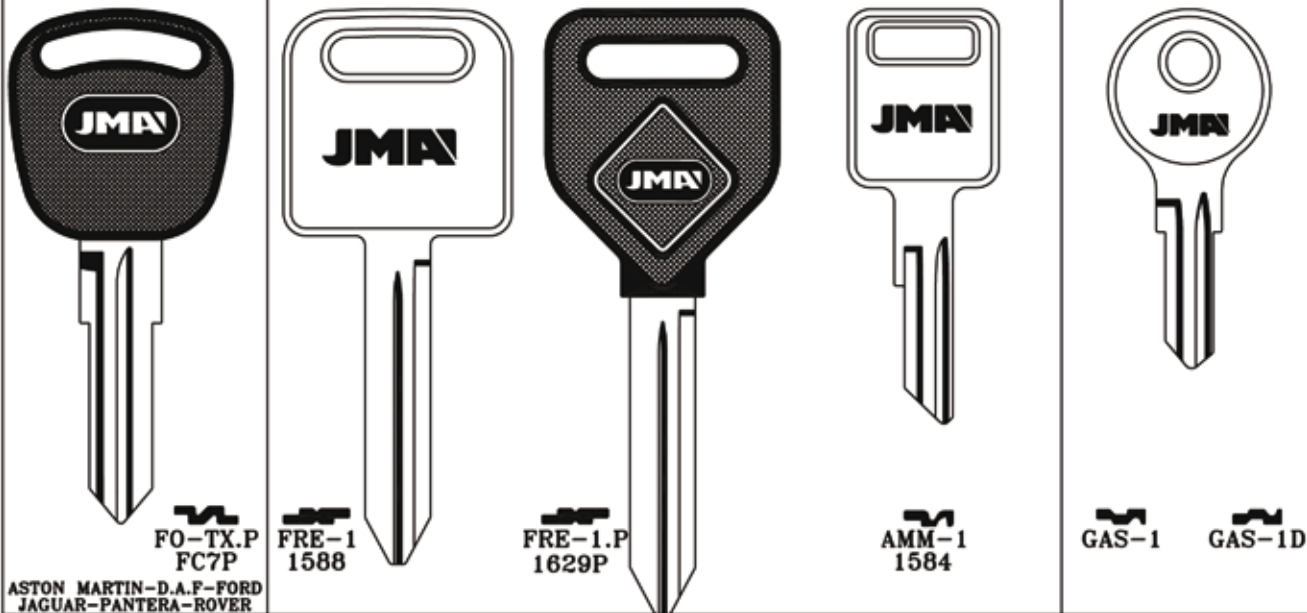
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FORD INTERNATIONAL

FREIGHTLINER

GAS



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ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerne a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

GAS				GEO		
GAS-3 B52	GAS-2	GAS-2D	GAS-4 1611	GAS-4D 1611R	GM-2 B53	GM-4 B65
				GENERAL MOTORS-ISUZU		HONDA-ISUZU

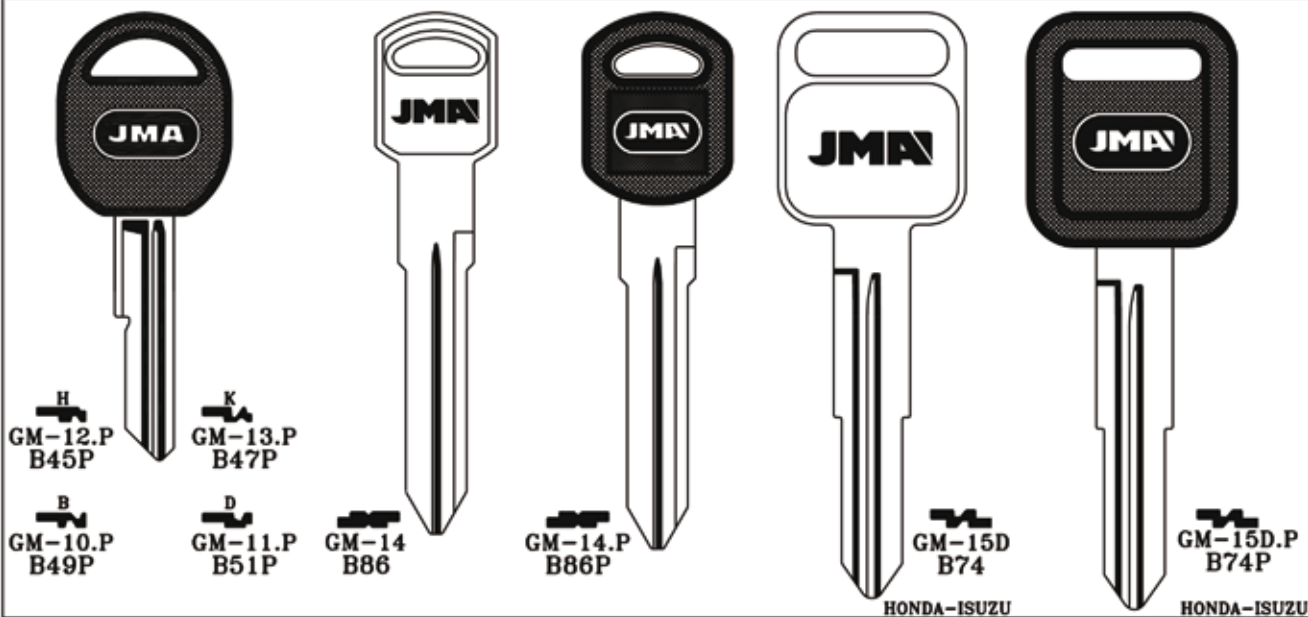
GEO			GENERAL MOTORS	
GM-4.P1	GM-24 B80	GM-24.P B80P	GM-1	GM-1.P

GENERAL MOTORS					
GM-5	GM-5.P	GM-8 B44	GM-9 B46	GM-8.P B44P	GM-9.P B46P
GM-6 B48	GM-7 B50	GM-6.P B48P	GM-7.P B50P	GM-12 B45	GM-13 B47
		GM-10 B49	GM-11 B51		

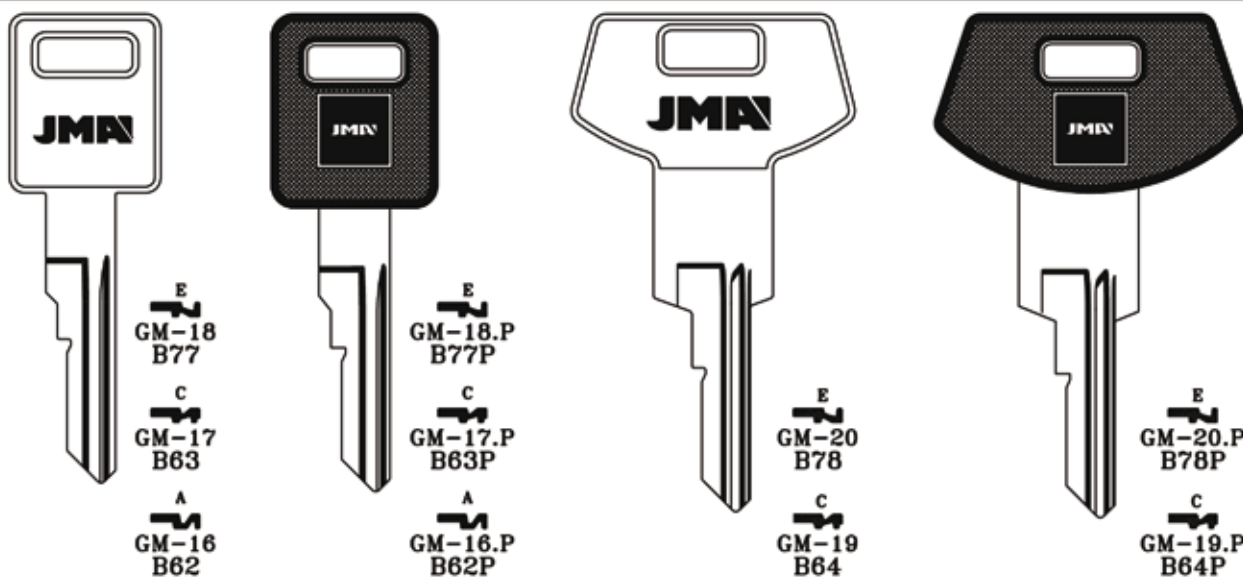
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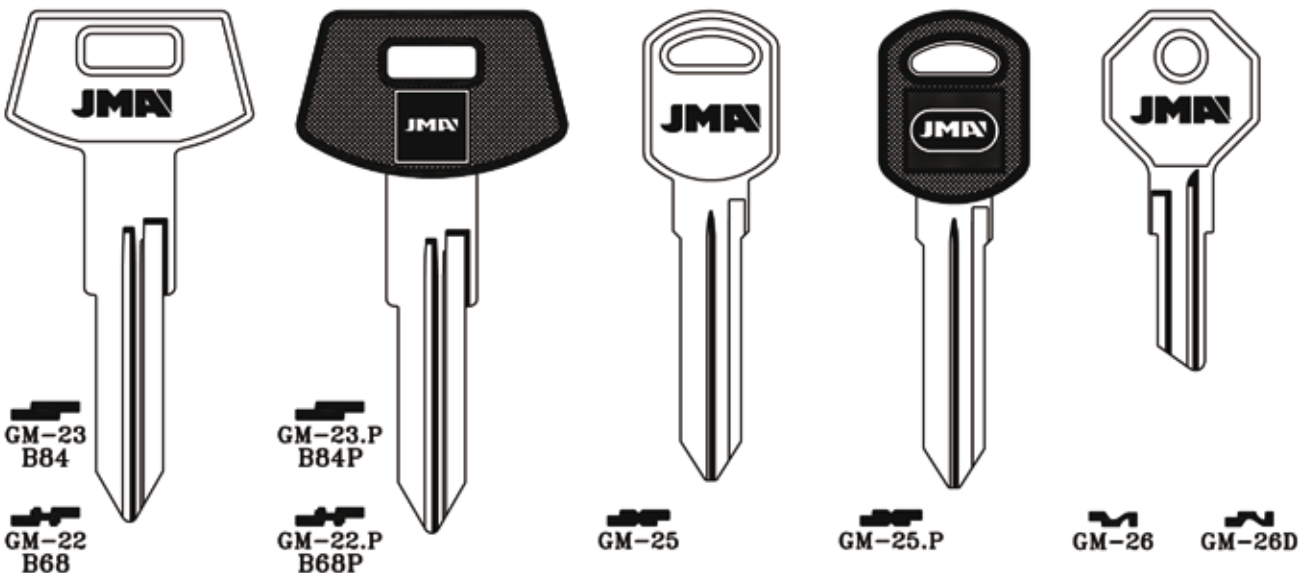
GENERAL MOTORS



GENERAL MOTORS



GENERAL MOTORS



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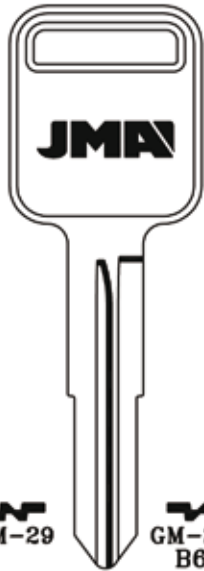


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GENERAL MOTORS



GM-27

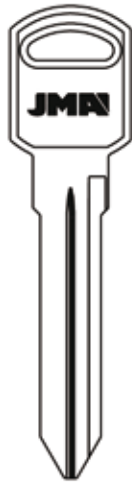


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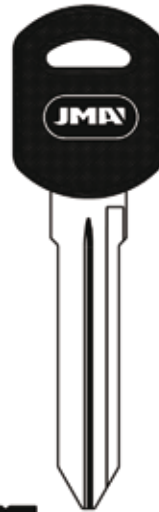


GM-29D
B69

GEO



GM-30
B89



GM-30.P
B89P



GM-31
B11

GENERAL MOTORS



GM-32
B10

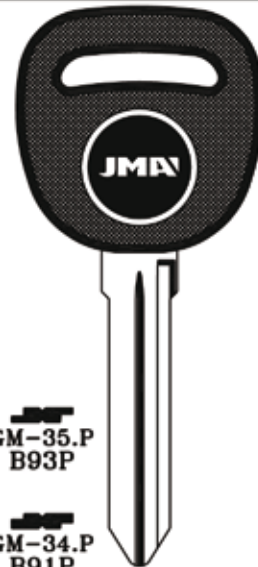


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B2



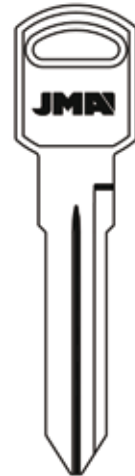
GM-35
B93

GM-34
B91



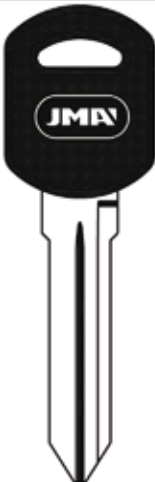
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B93P

GM-34.P
B91P

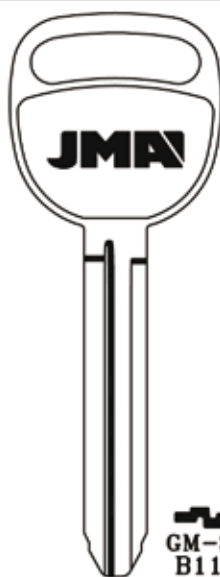


GM-36
B92

GENERAL MOTORS



GM-36.P
B92P



GM-38
B110



GM-38.P
B110P



GM-39
B102



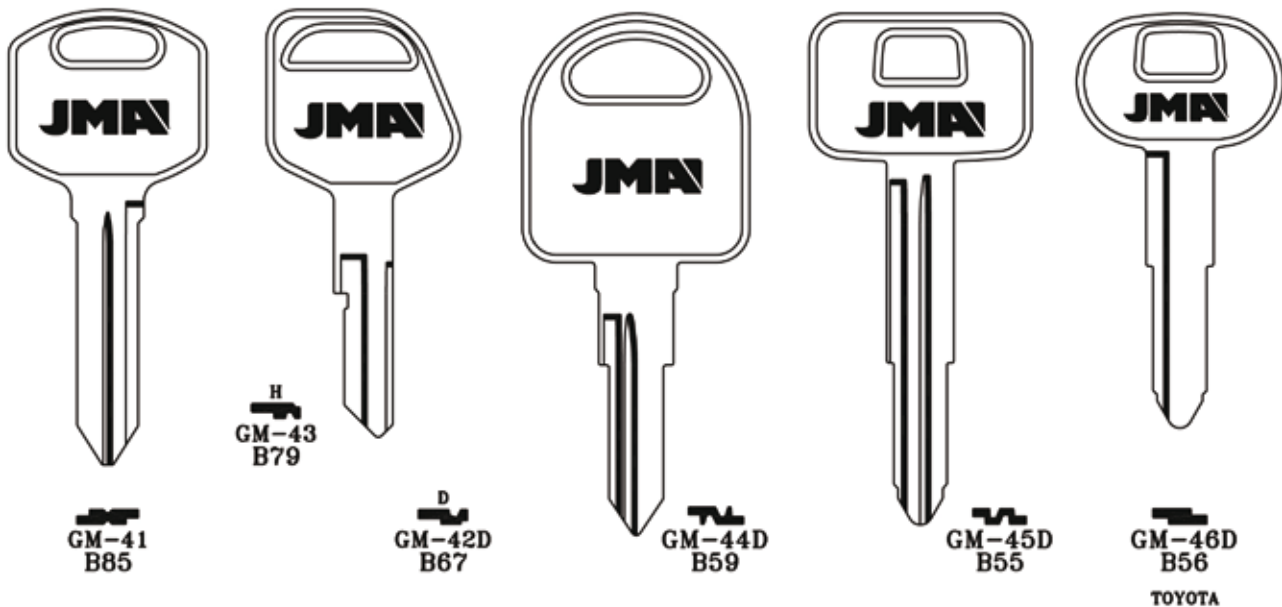
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B102P

ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENTION: Concerning the marks and commercial denominations see note in index.

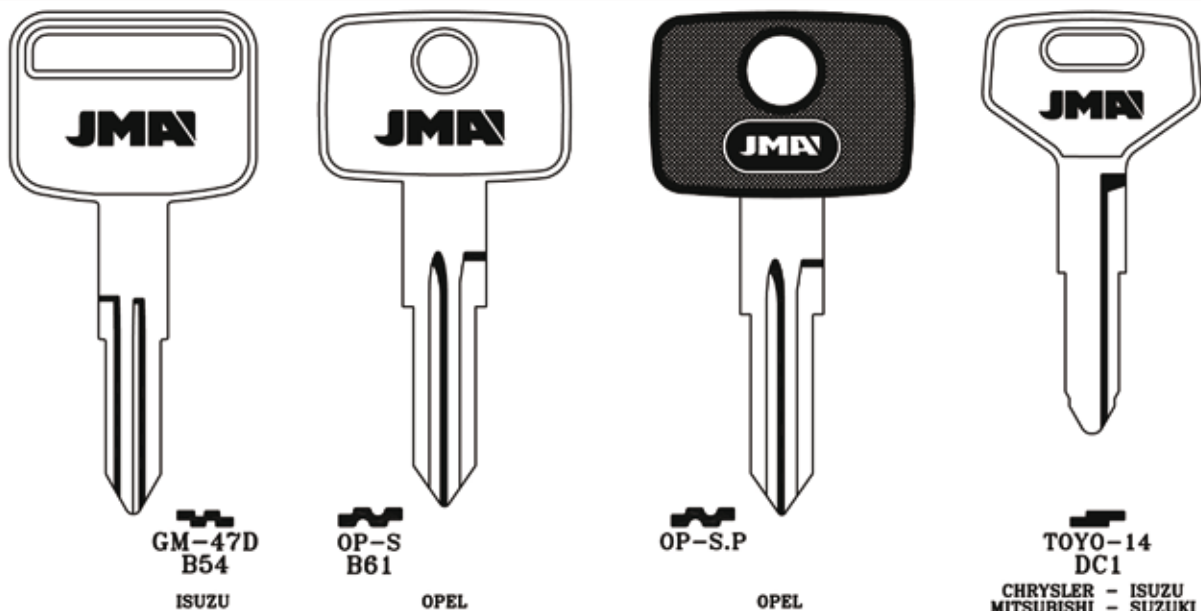
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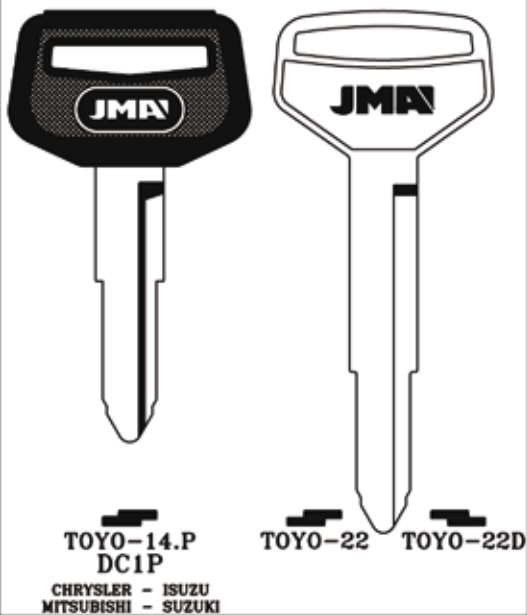
GENERAL MOTORS



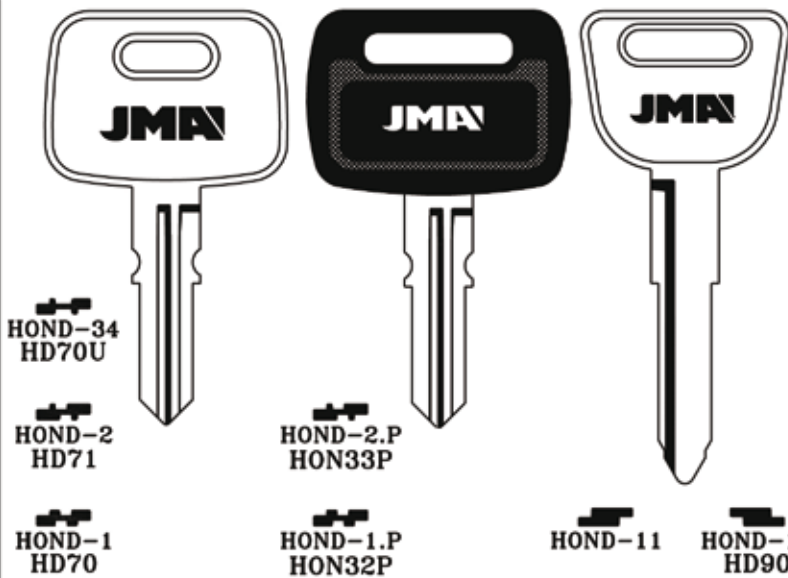
GENERAL MOTORS



GENERAL MOTORS



HONDA



ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCION: Concniente a las marcas y denominaciones comerciales ver nota en indice. ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

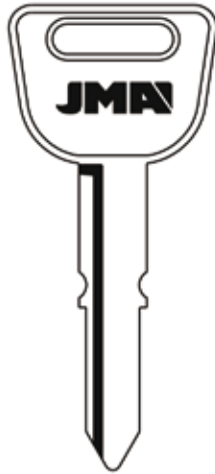
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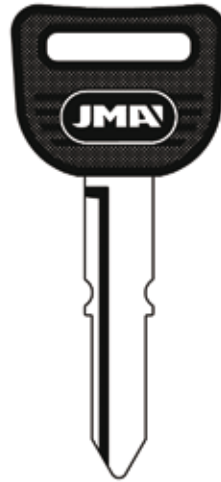
HONDA



HOND-11.P



HOND-10.P
HD90P

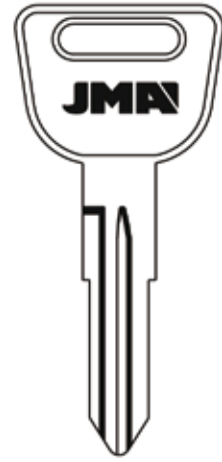


HOND-13
X130

HOND-12
HD82

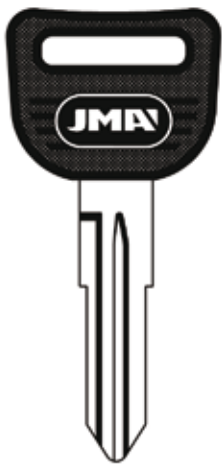
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HON38RP

HOND-12.P
HD82P

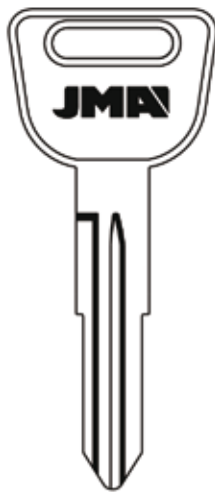


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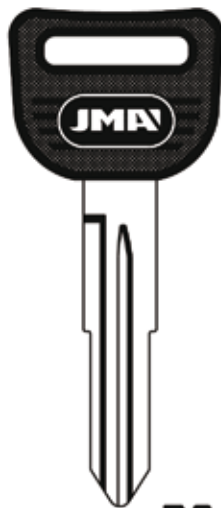
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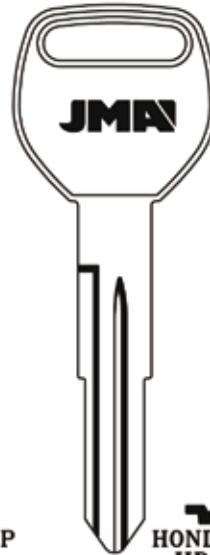
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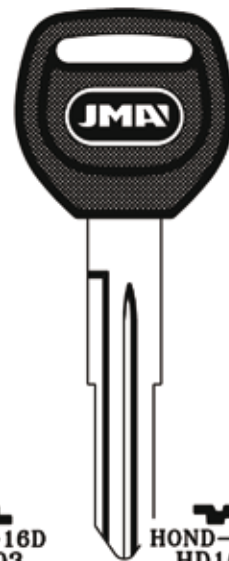
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HD91



HOND-15.P
HD91P



HOND-16D
HD103



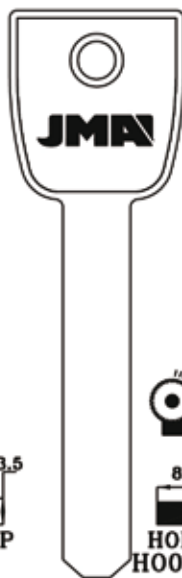
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HD103P

HONDA

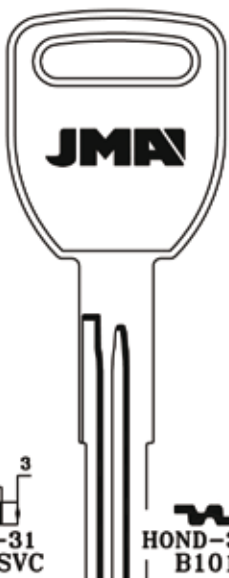
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HOND-17.P

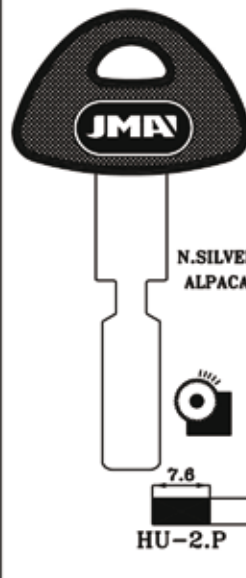


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HO01-SVC



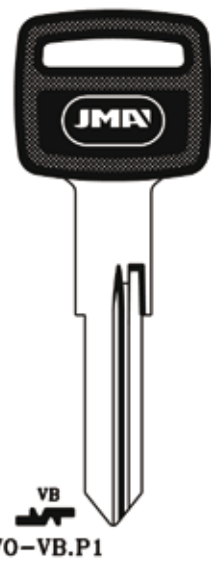
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B101

ISUZU



HU-2.P

SCANIA



VO-VB.P1

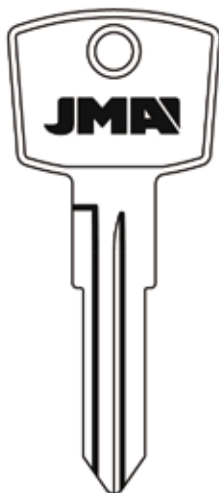
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ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

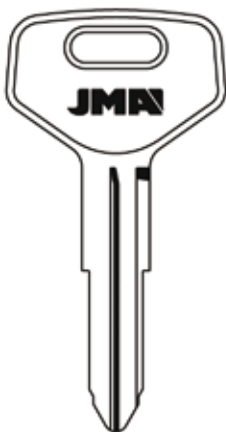
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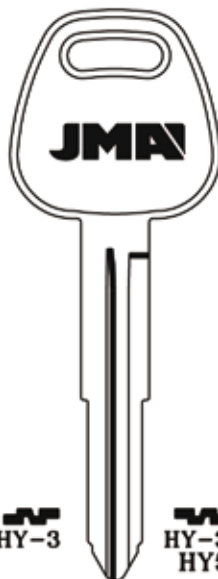
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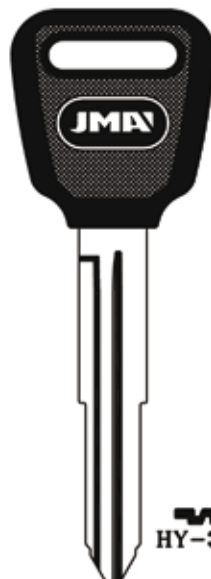
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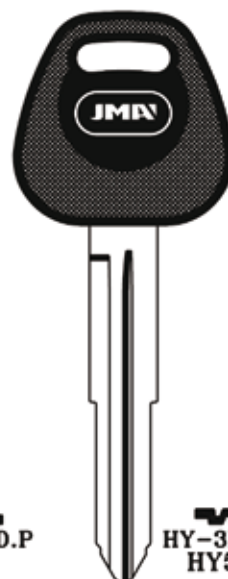
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 HY-3D
HY5

mitsubishi



 HY-3D.P



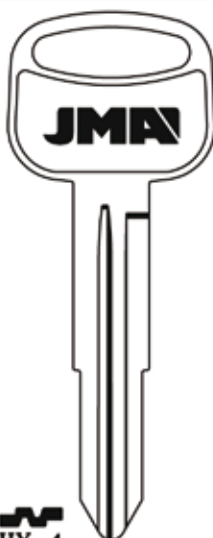
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HY5P

mitsubishi

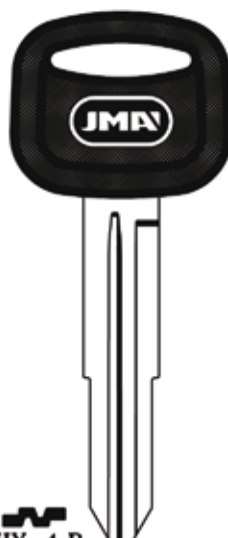
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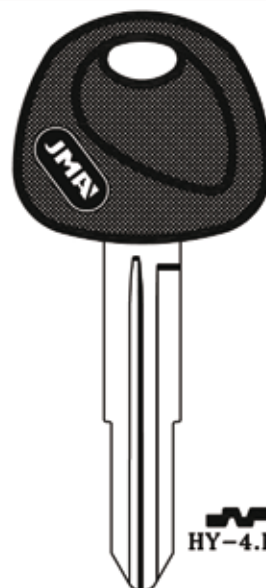
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HY4P



 HY-4
HY6



 HY-4.P
HY6P

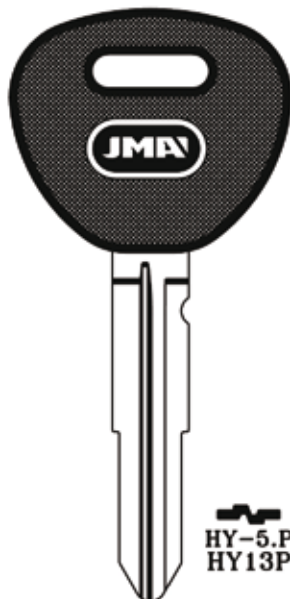


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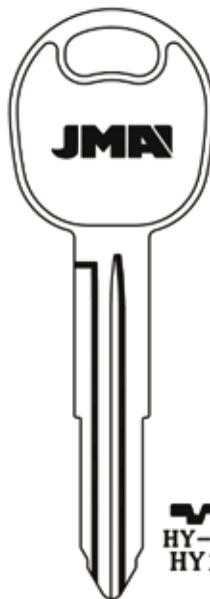
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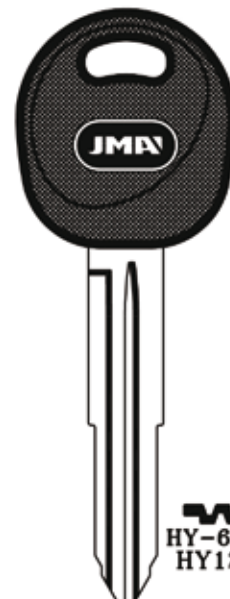
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HY13



 HY-5.P
HY13P



 HY-6D
HY12



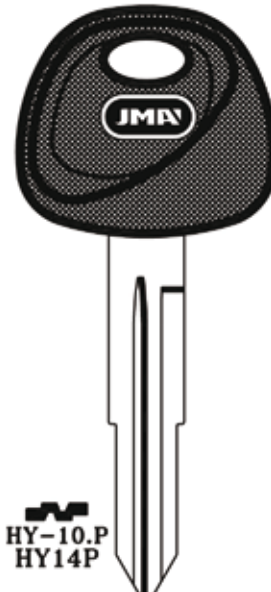
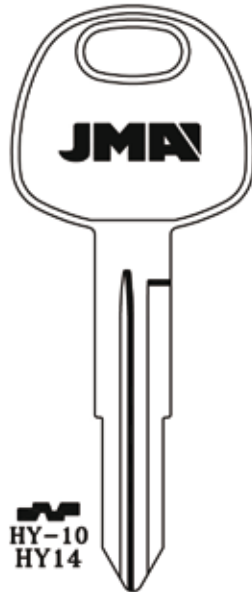
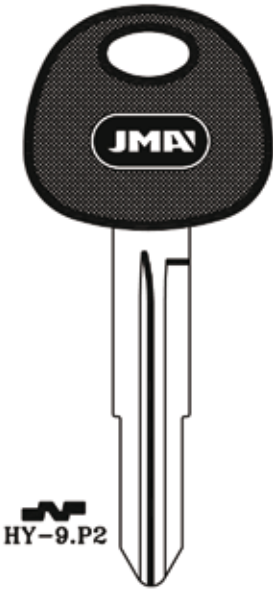
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HY12P

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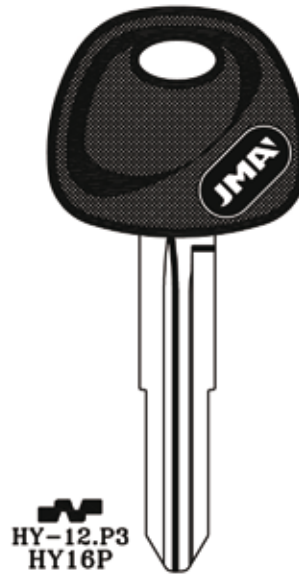
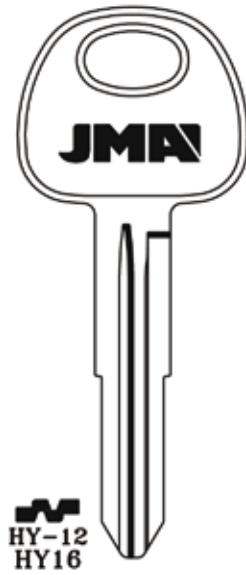
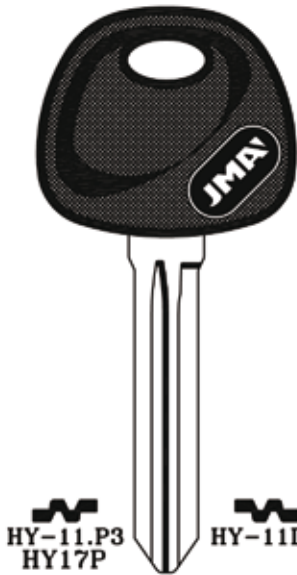
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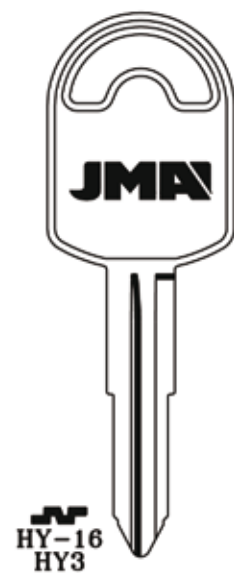
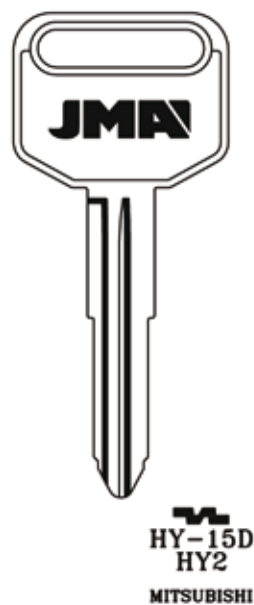
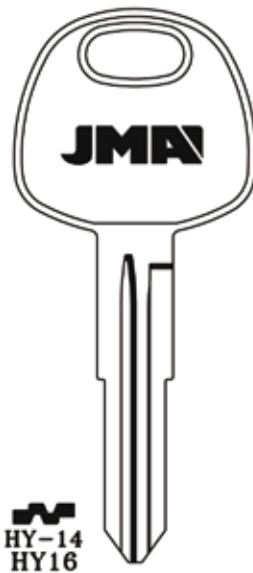
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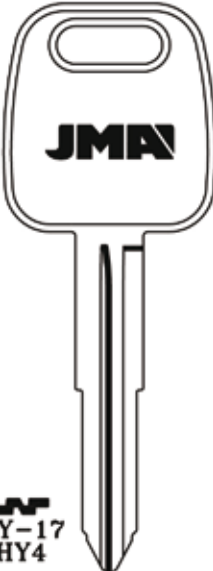
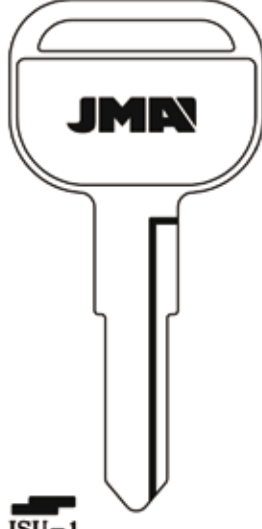
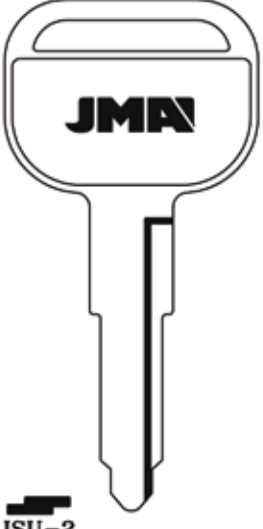

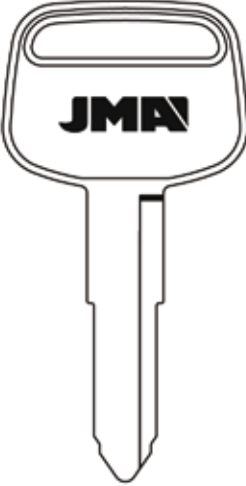
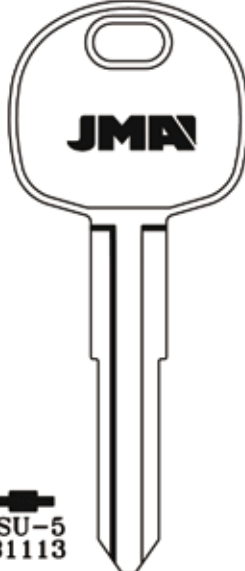





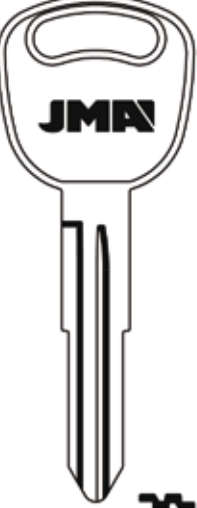
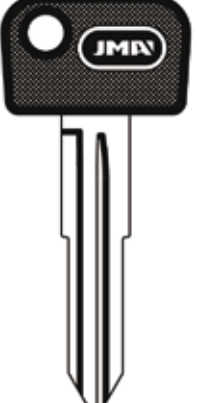

HYUNDAI



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HYUNDAI		ISUZU		
 <p>HY-17 HY4</p>	 <p>ISU-1</p>	 <p>ISU-2 B57</p>	 <p>ISU-3D.P</p>	
ISUZU		KENWORTH		
 <p>ISU-4</p>	 <p>ISU-5 B1113</p>	 <p>KEN-1 1656</p>	 <p>KEN-1.P</p>	 <p>KEN-2D K1994 PETERBILT</p>
KENWORTH		KIA		
 <p>KEN-2D.P</p>	 <p>KEN-4 1657</p>	 <p>KI-1D KK1</p>	 <p>KI-1D.P</p>	 <p>KI-1D.P1 KK1P</p>

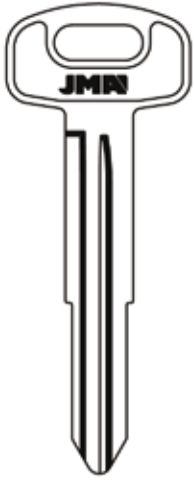
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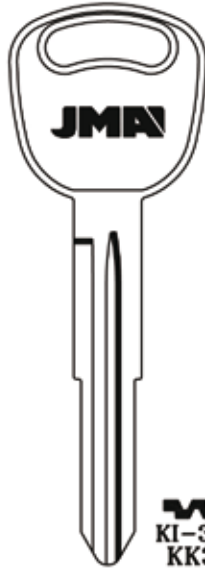
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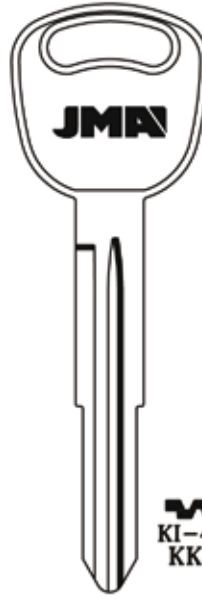
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KK2



KI-3D
KK3



KI-3D.P
KK3P



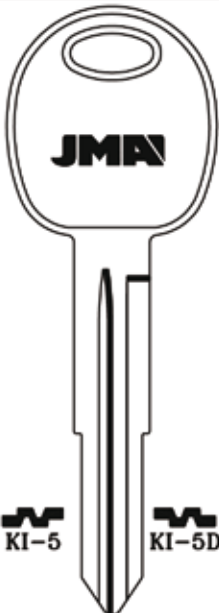
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KK4



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KK4P

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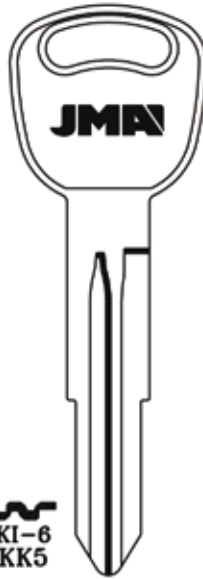
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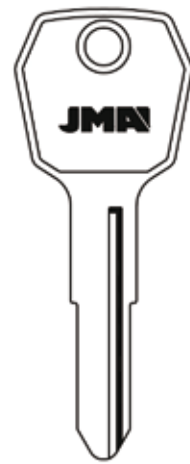
KI-5D
KI-5.P



KI-5D.P
KK6P
KI-6
KK5



KI-6.P
KK5P



KOM-1
1519

MACK

MAZDA

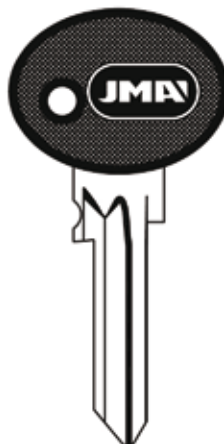


MAK-1



FO-FR
DM5

NISSAN



FO-FR.P

NISSAN



MAZ-11
MZ4

FORD



MAZ-1D
MZ5

FORD



MAZ-21
MZ10

FORD



MAZ-2D
MZ9

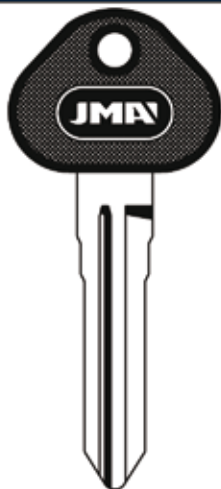
FORD

ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATENCIÓN: Concerning the marks and commercial denominations see note in index. ATTENTION: Concerning the marks and commercial denominations voir la note dans l'index.

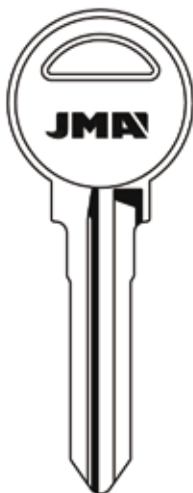
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MAZDA



MAZ-2I.P



MAZ-3I
MZ13R

MAZ-3D
MZ13

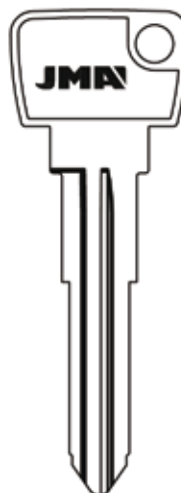
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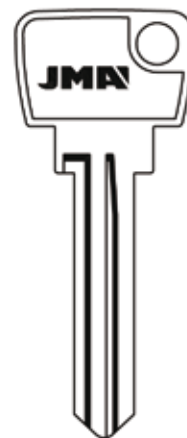
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FORD

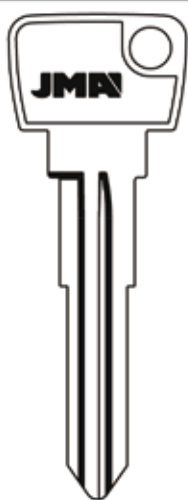


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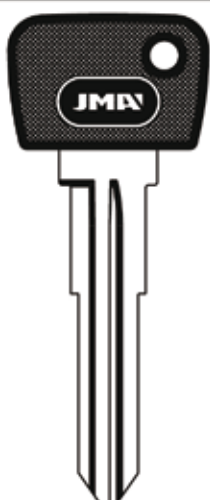


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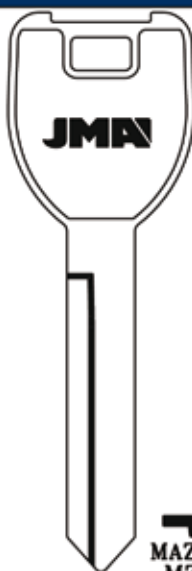
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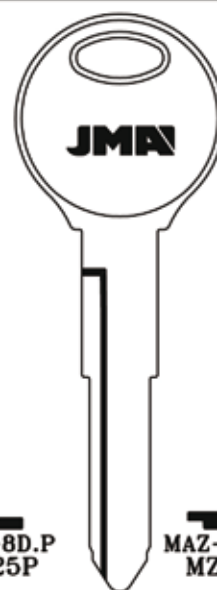
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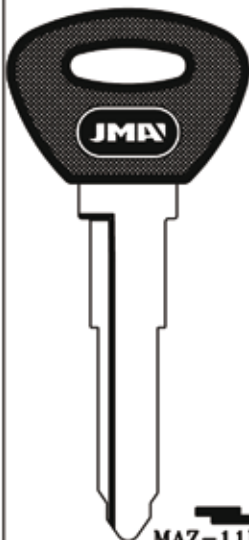


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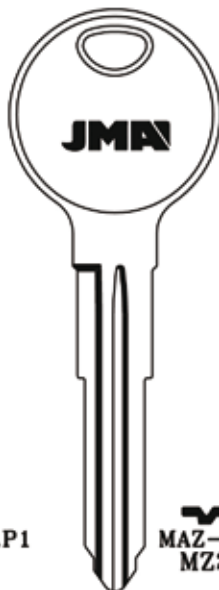


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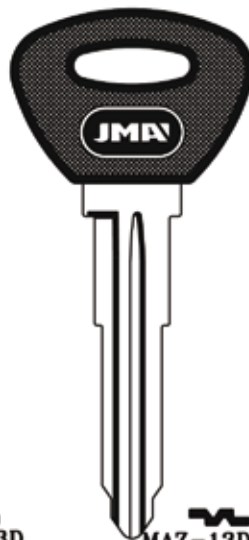
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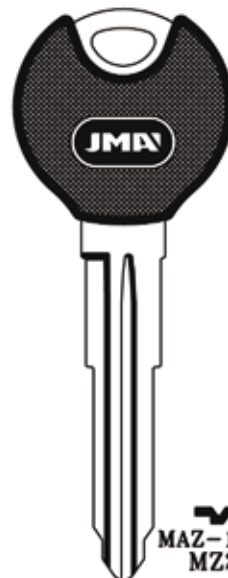
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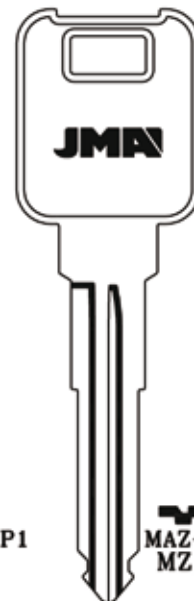
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MAZ-13D.P



MAZ-13D.P1
MZ27P



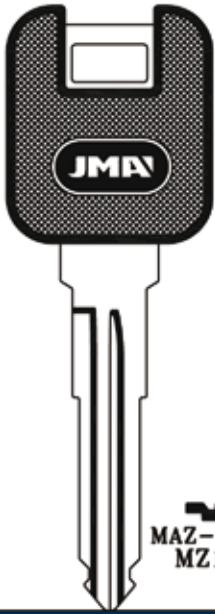
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ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENCIÓN: Concernant les marques et dénominations commerciales voir la note dans l'index.

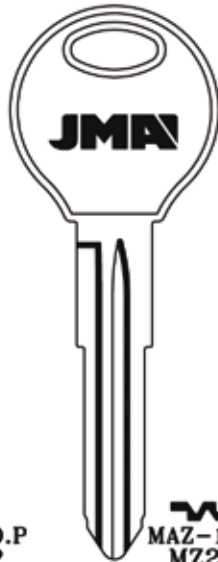
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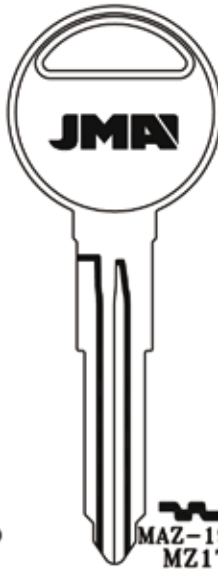
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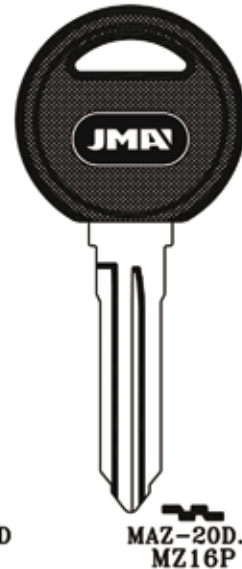
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MAZ-19D
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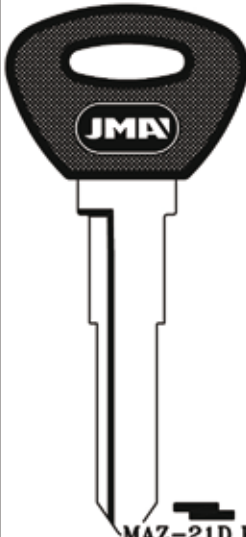


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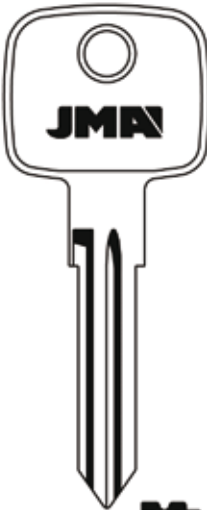


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MAZDA



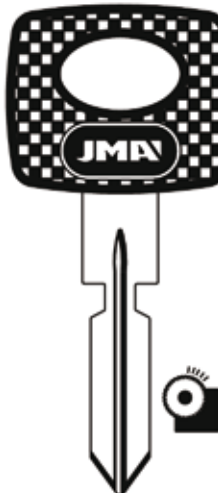
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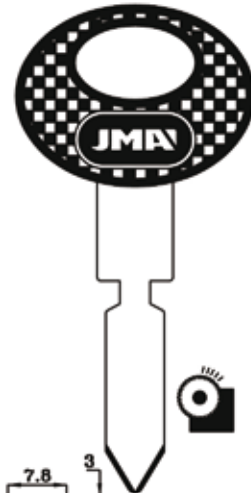
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CR4R



ME-1.P
CR4RP

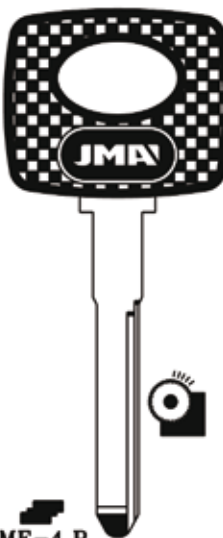


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S48HFP



ME-3.P
S49HFP

MERCEDES



ME-4.P
S50HFP

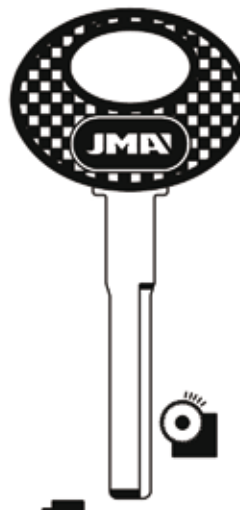


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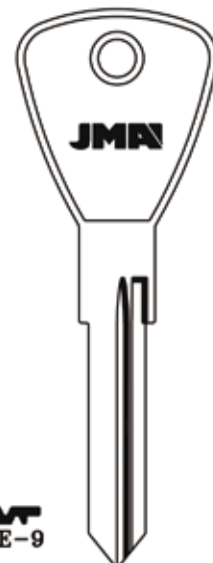
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S53HFP



ME-7.P
HU64P



ME-8.P



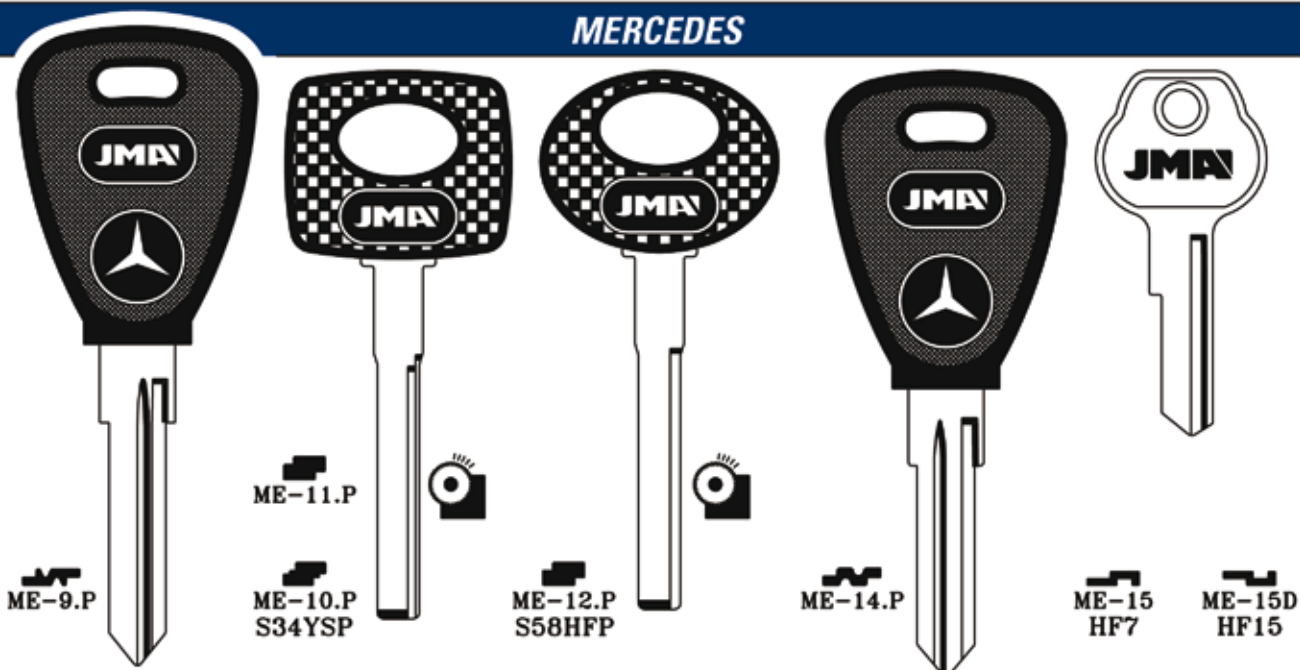
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ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATENCIÓN: Concerning the marks and commercial denominations see note in index. ATTENTION: Concerning the marks and commercial denominations see note in index.

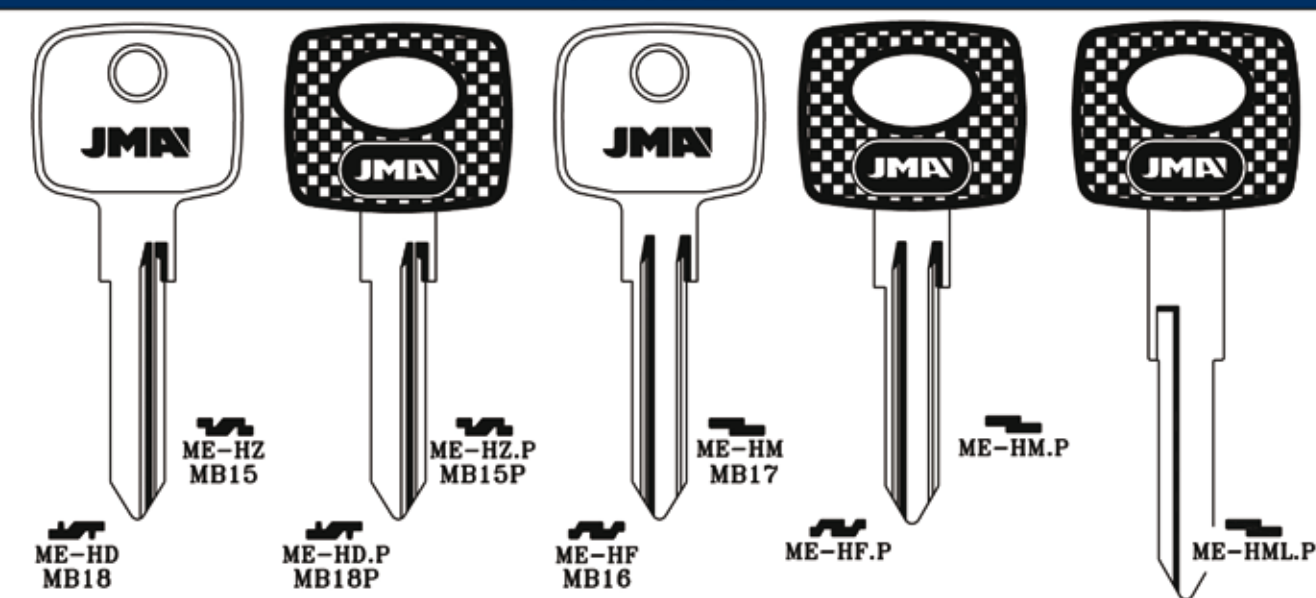
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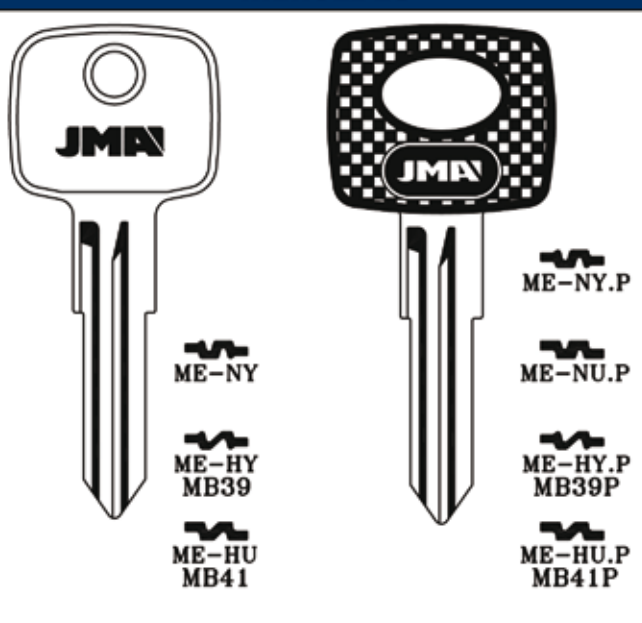
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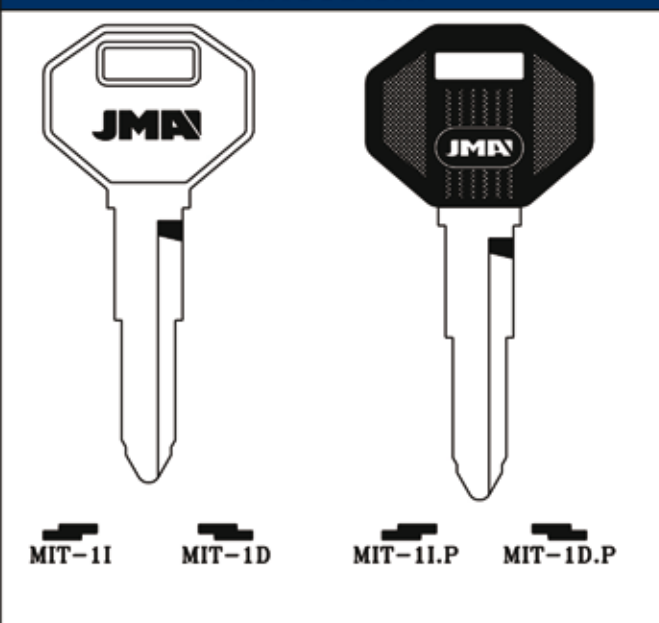
MERCEDES



MERCEDES



MITSUBISHI

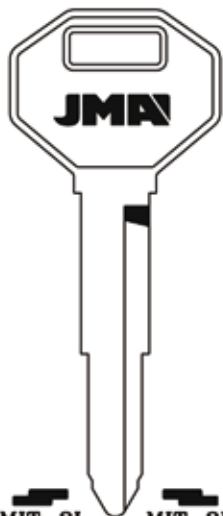


ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

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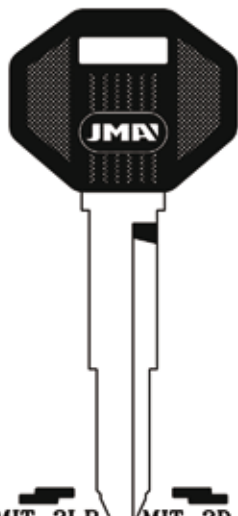


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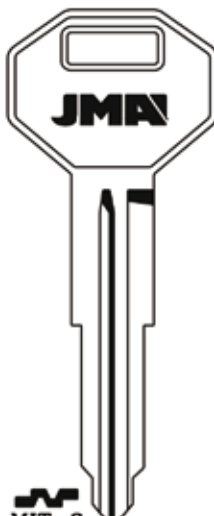
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CHRYSLER-G.M
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POLARIS



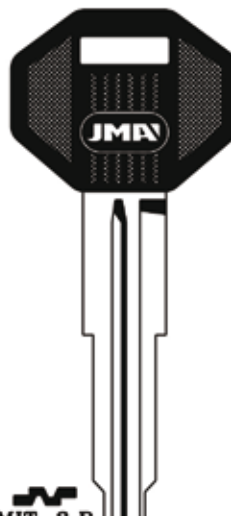
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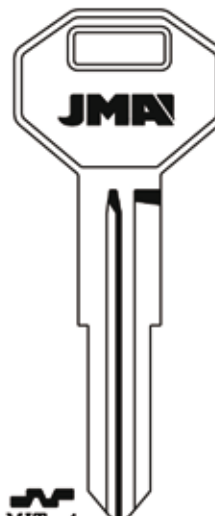
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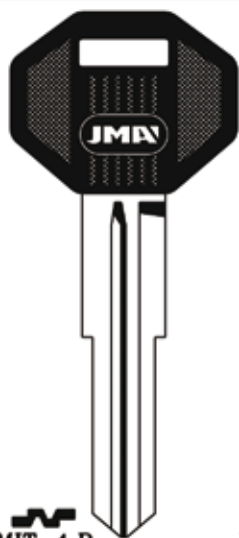
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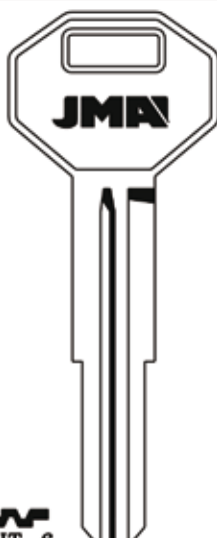
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POLARIS

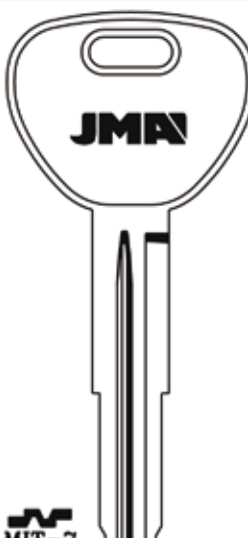
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MIT-4.P



MIT-6



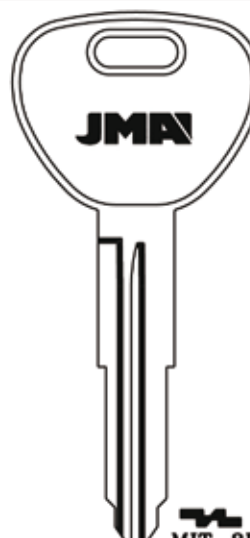
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CHRYSLER



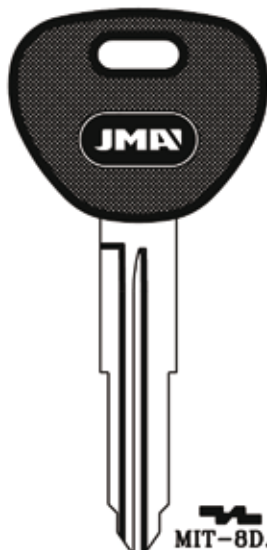
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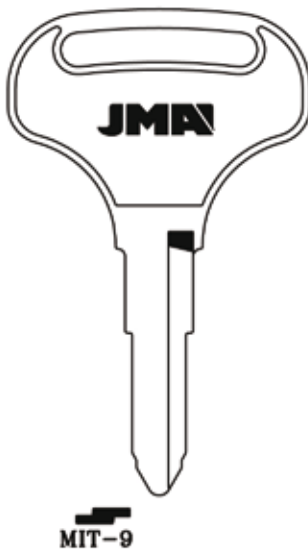


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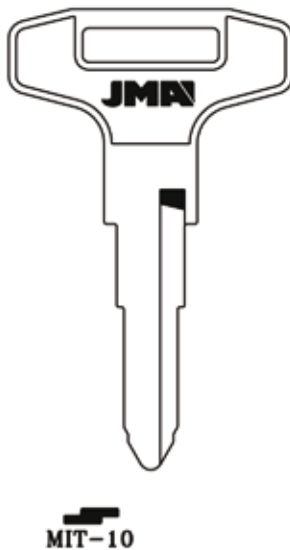
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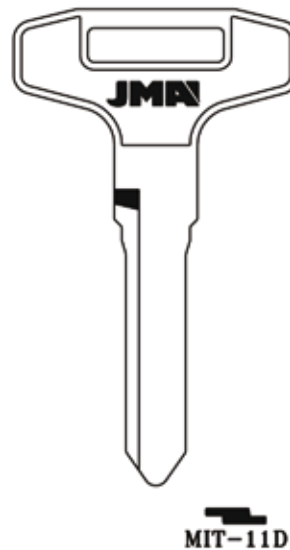
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MIT-9



MIT-10



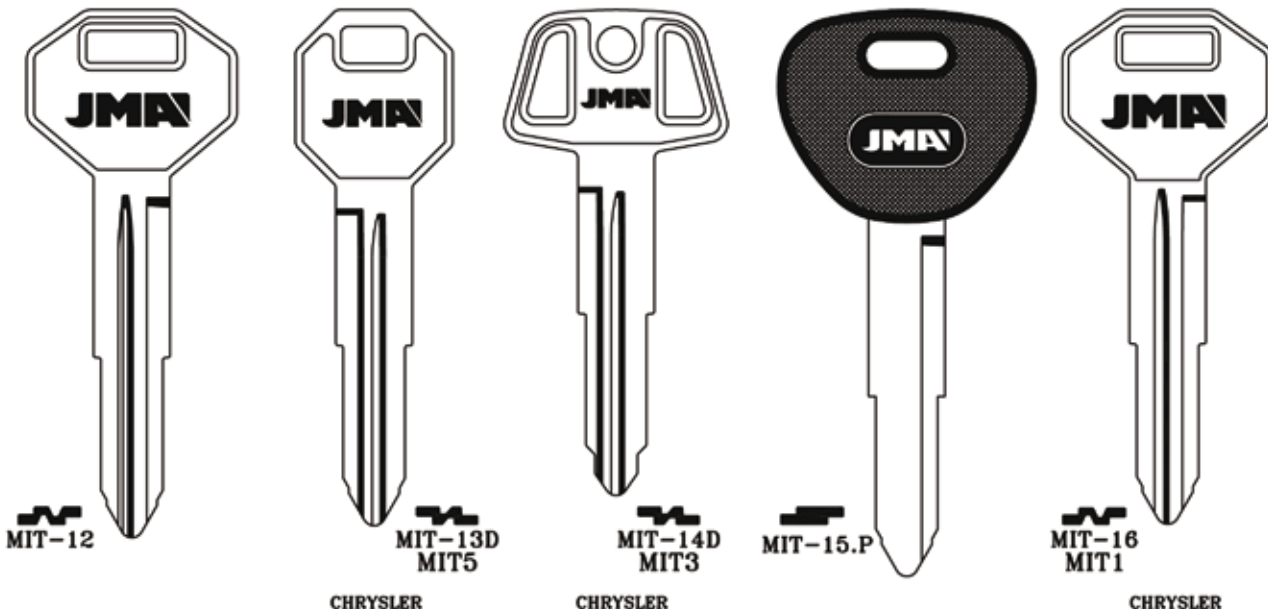
MIT-11D
FU2

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

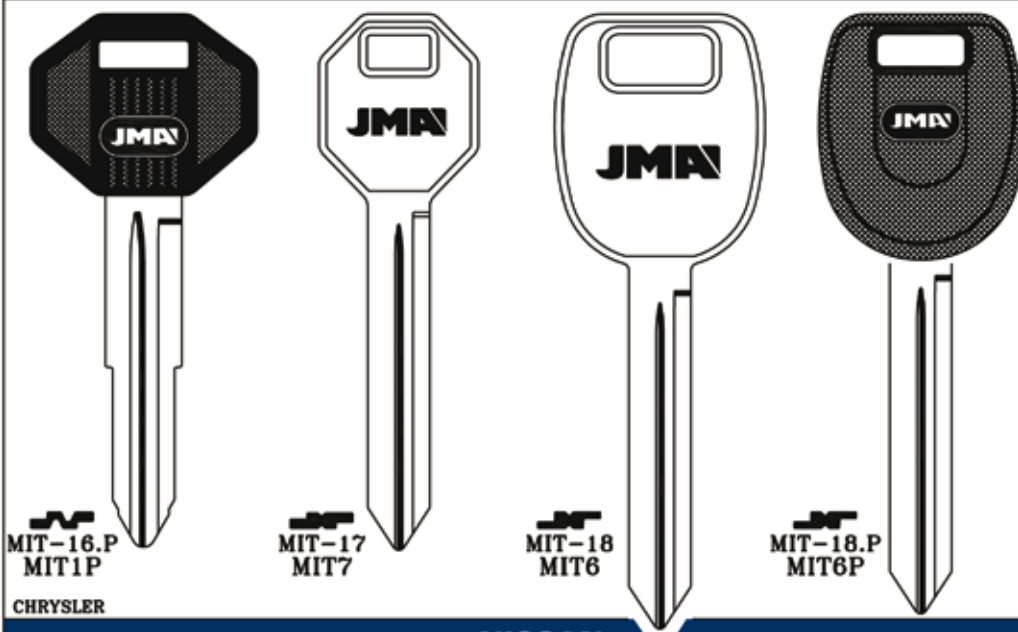
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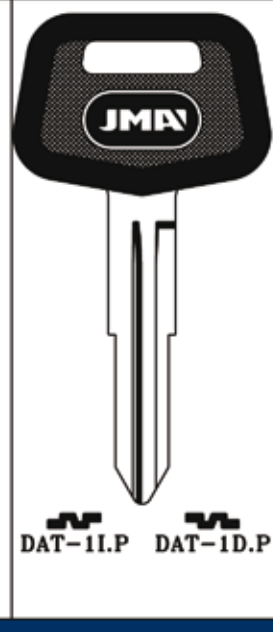
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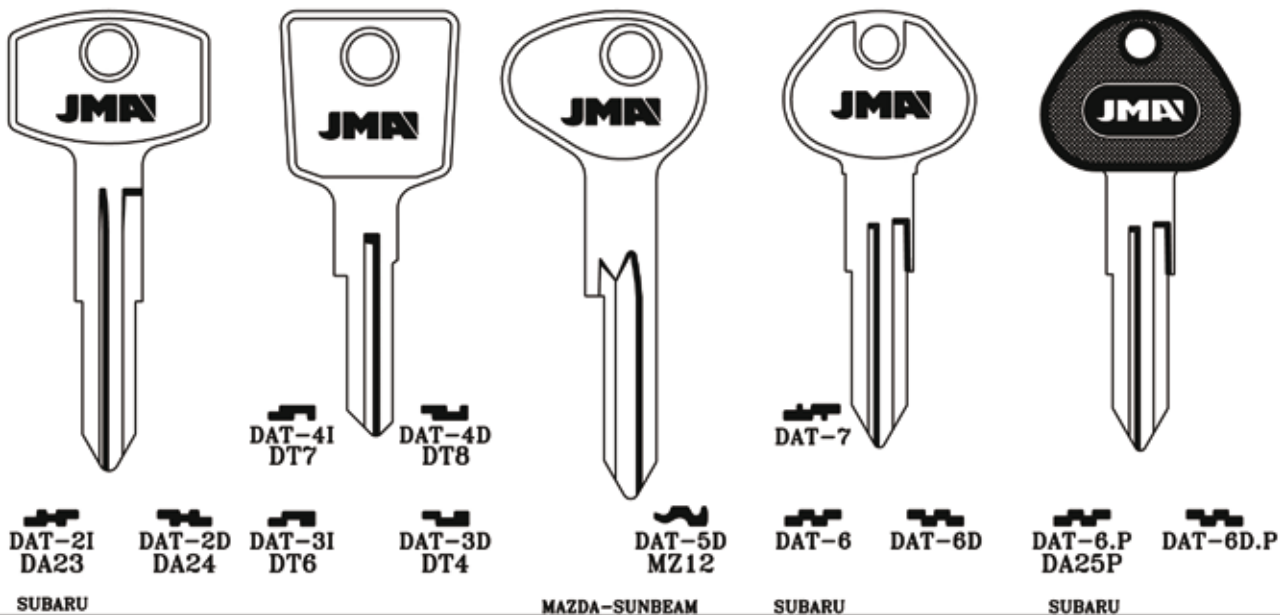
MITSUBISHI



NISSAN



NISSAN



ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

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NISSAN



DAT-6.P1



DAT-8I

DAT-8
62DV



DAT-10
DA38



DAT-10.P
DA38P

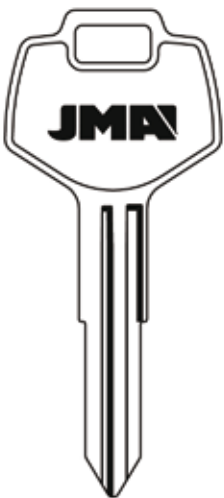


DAT-11

DAT-11D
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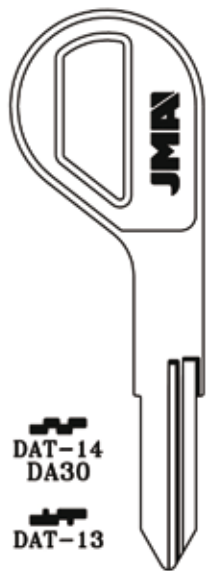
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NISSAN



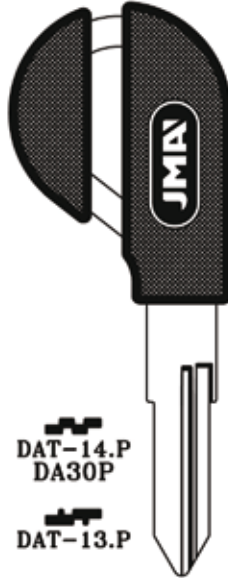
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SUBARU



DAT-14
DA30

DAT-13



DAT-14.P
DA30P

DAT-13.P

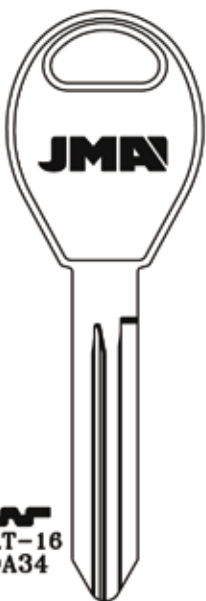


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DAT-15.P

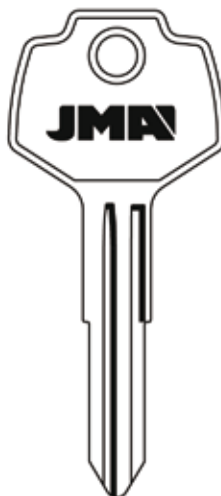
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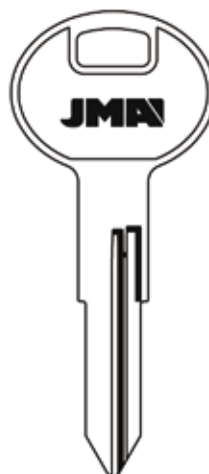


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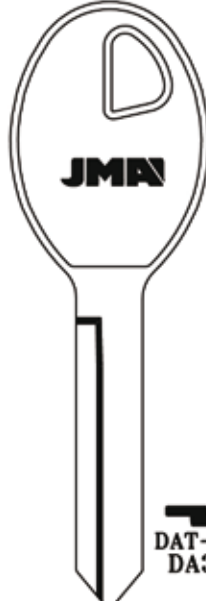
DAT-17

DAT-17D



DAT-18
DA28

INFINITI



DAT-19
DA32

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JMA

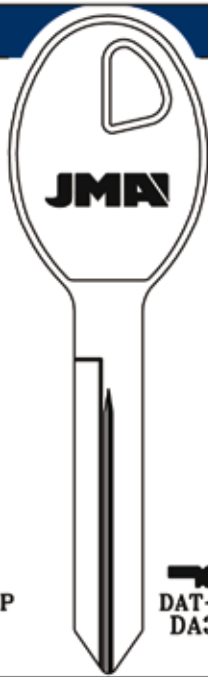


ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

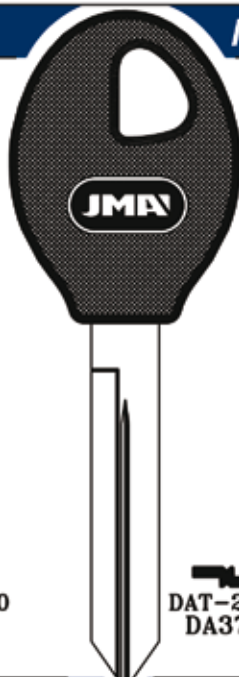
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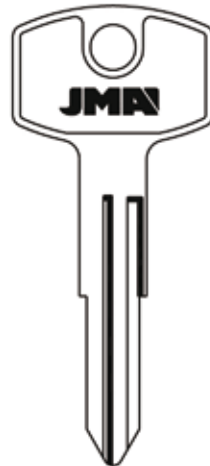
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DAT-20
DA37



DAT-20.P
DA37P



DAT-21
62DT
SUBARU



DAT-21D
62DU

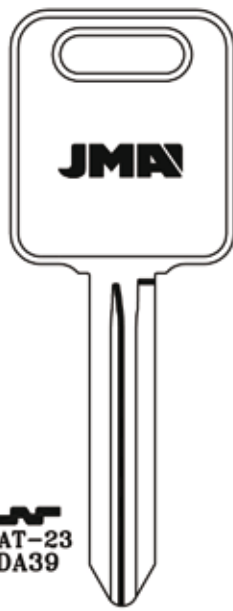


DAT-22
DA31
INFINITI
SUBARU

NISSAN



DAT-22.P
DA31P
INFINITI
SUBARU



DAT-23
DA39

OPEL



N.SILVER
ALPACA

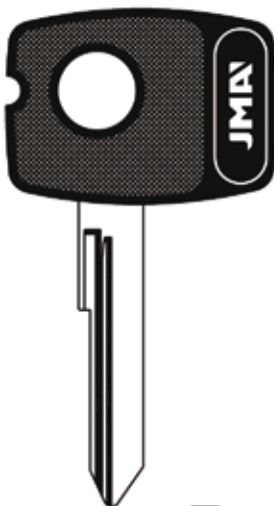


6.4 2.97
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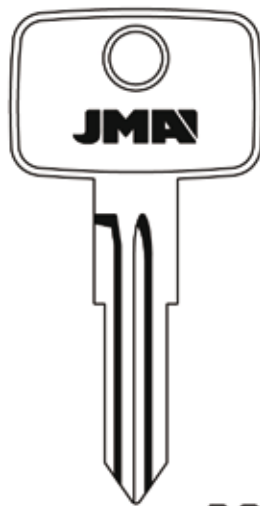


OP-BA
YM29
FORD INTERNATIONAL
VAUXHALL

OPEL



OP-BA.P



OP-D



OP-D.P



OP-J
HF43



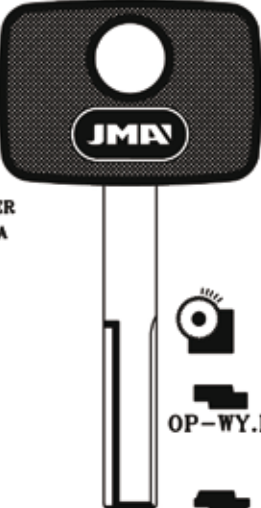


D.A.F

ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENCIÓN: Concernant les marques et dénominations commerciales voir la note dans l'index.


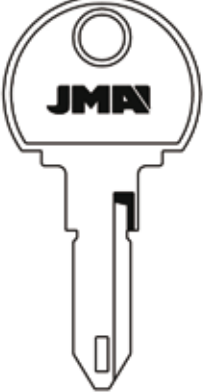

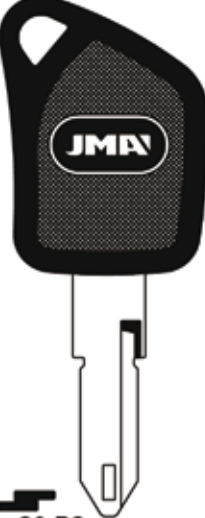
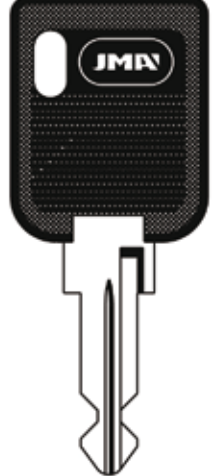
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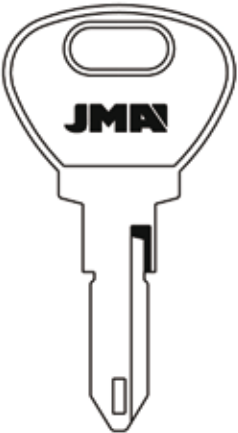


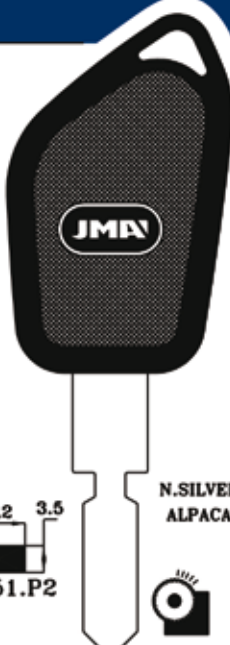

ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

OPEL			PETERBILT	PEUGEOT
				
OP-J.P	OP-WHC1	OP-WH.P HU43P	PER-1 1098PB	LAS-R KM8 SIMCA TALBOT-MATRA LAS-V KM9

PEUGEOT

				
NE-3.P1	NE-20 RN30 AMERICAN MOTORS-CHRYSLER JEEP-RENAULT	NE-20.P	NE-20.P2	NE-22.P RN24P AMERICAN MOTORS-JEEP RENAULT

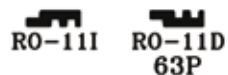
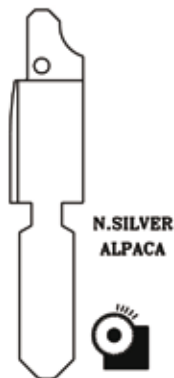
PEUGEOT

				
NE-29	NE-29.P	NE-34.P	NE-51.P2	N.SILVER ALPACA
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			N.SILVER ALPACA	PEU-1C1

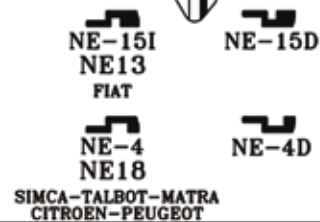
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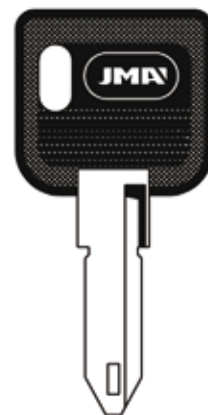
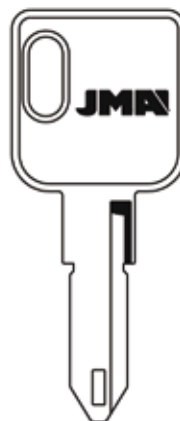
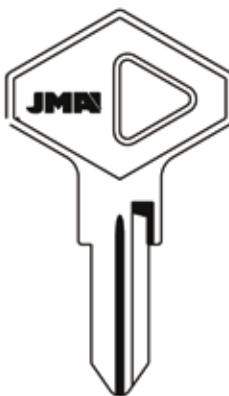
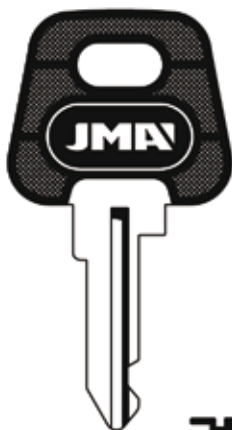
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RENAULT

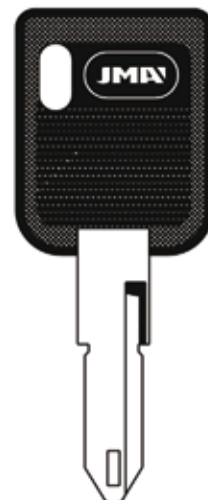
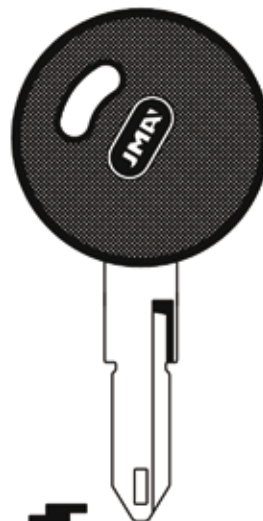
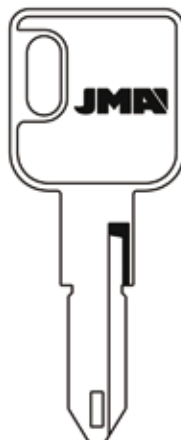
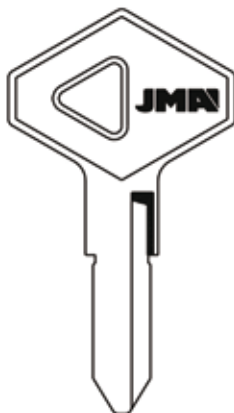


RENAULT



AMERICAN MOTORS-JEEP

RENAULT

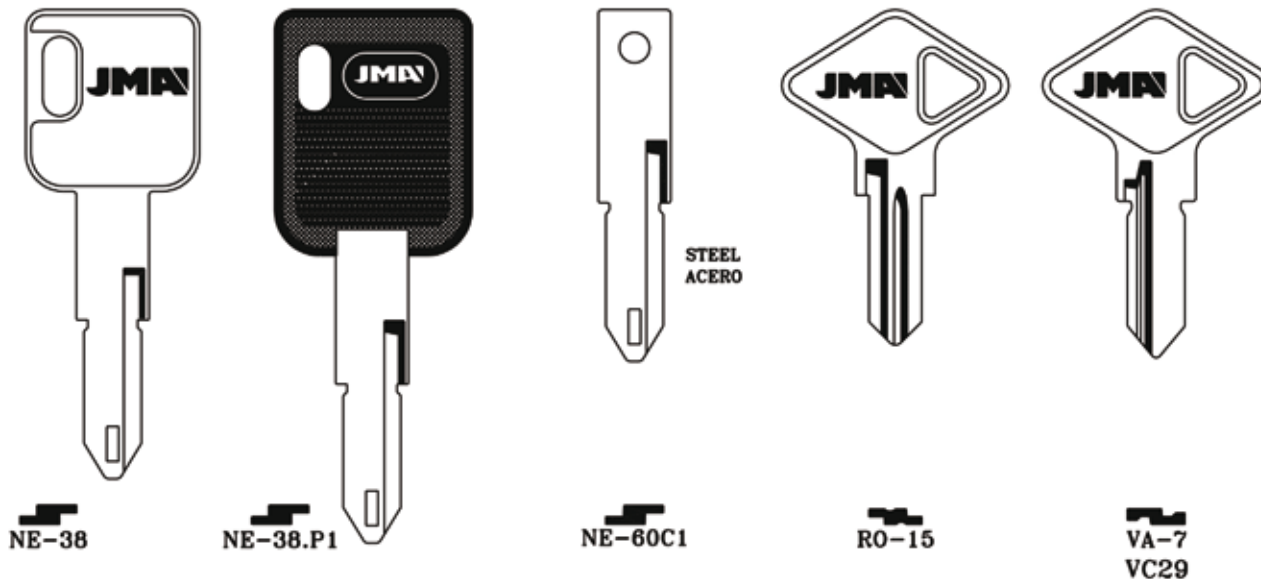


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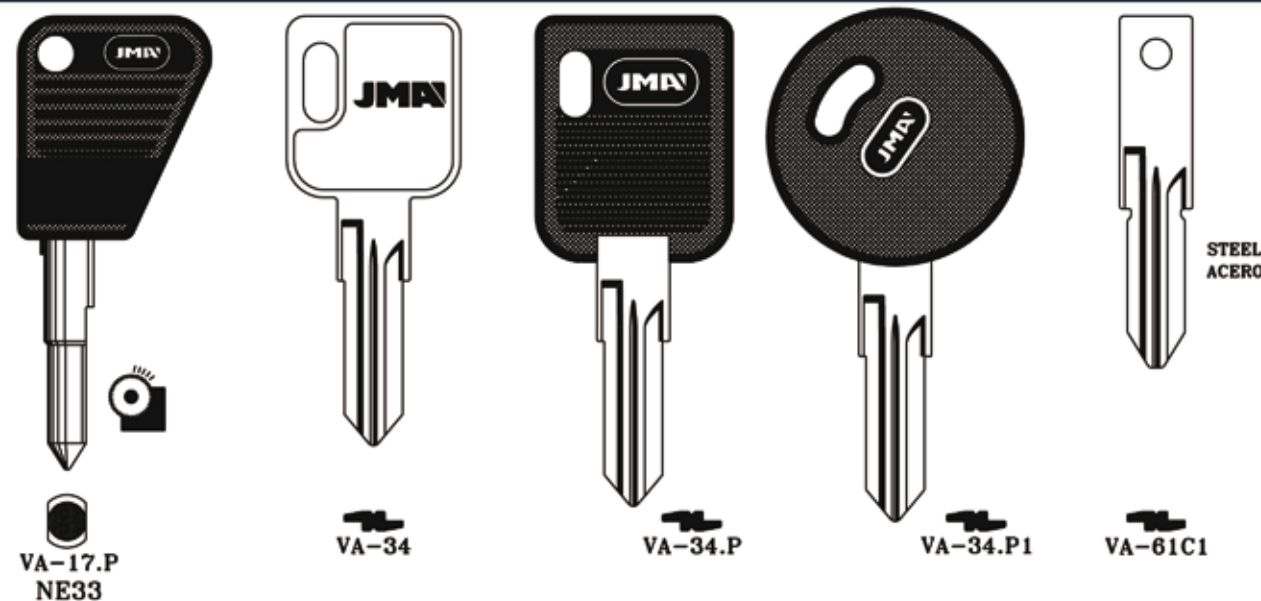
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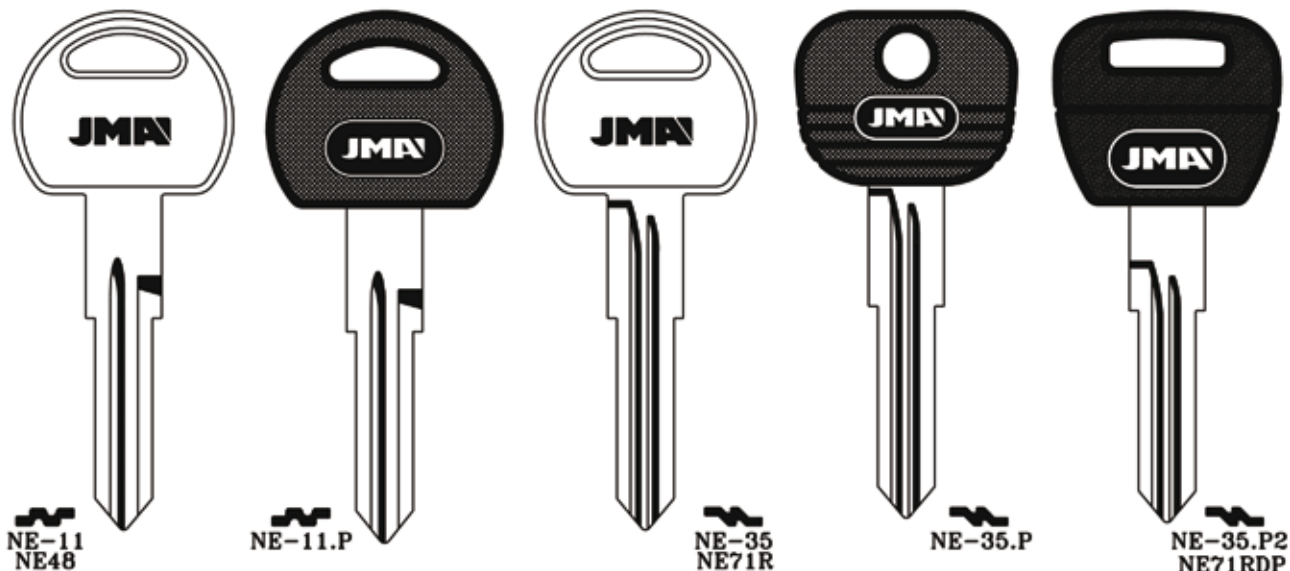
RENAULT



RENAULT



ROVER



FORD-KENWORTH
PETERBILT-ROVER - STERLING

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JMA




ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

SAAB


ROVER



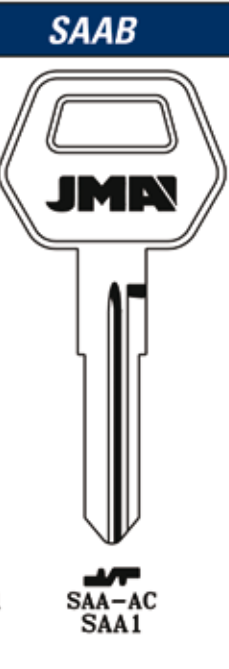
NE-52
RV4




NE-52.P
RV4P



N.SILVER
ALPACA
SAA-1.P1

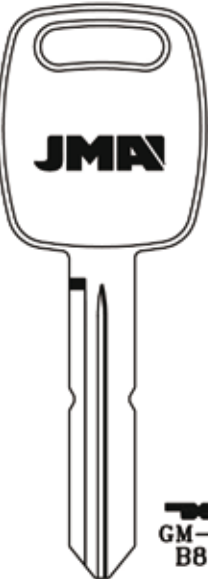


SAA-AC
SAA1




SAA-AC.P
SAA1P

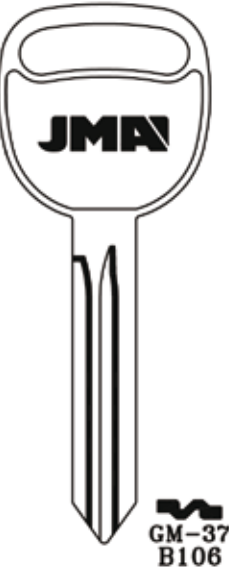
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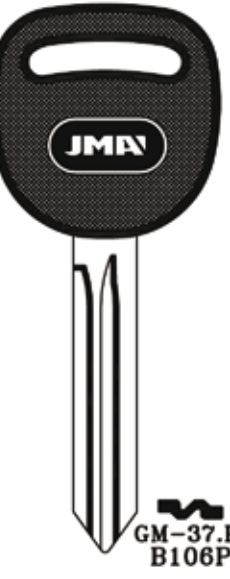
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B88




GM-21.P
B88P



GM-37
B106



GM-37.P
B106P

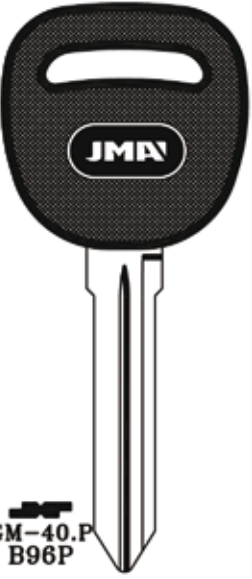


GM-40
B96


SATURN

SKODA


SSANGYONG




GM-40.P
B96P




SKO-31



SKO-31.P



SKO-5.P



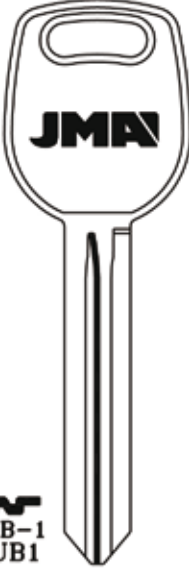

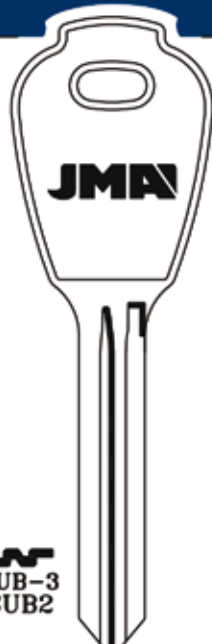

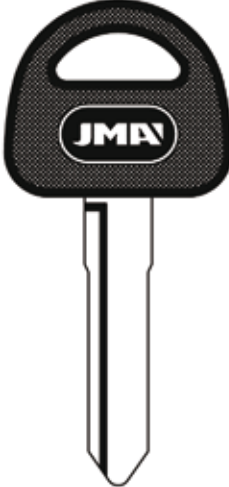





HY-3.P3

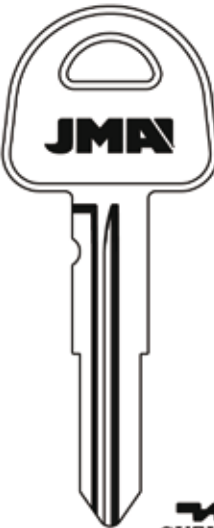
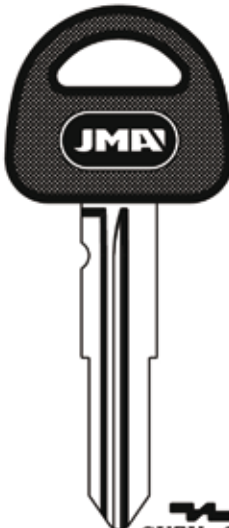
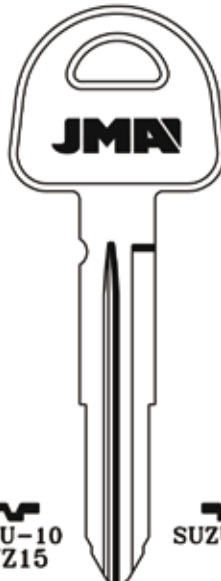
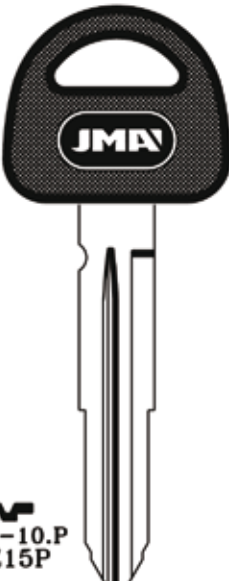





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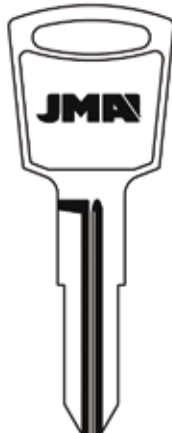
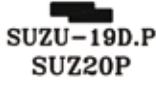





ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENCIÓN: Concernant les marques et dénominations commerciales voir la note dans l'index.

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

SUBARU			SUZUKI	
				
 SUB-1 SUB1	 SUB-1.P SUB1P	 SUB-3 SUB2	 SUZU-7	 SUZU-7.P

SUZUKI				
				
 SUZU-8 SUZ17	 SUZU-8.P SUZ17P	 SUZU-10 SUZ15	 SUZU-10D	 SUZU-10.P SUZ15P

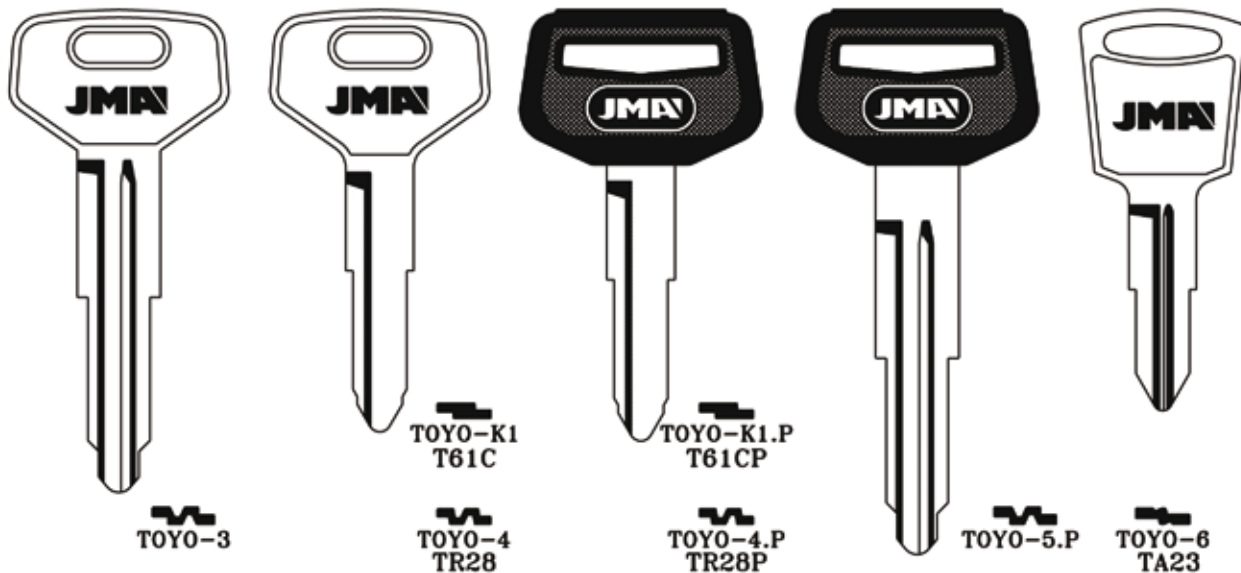
SUZUKI	TOOL BOX		TOYOTA
			
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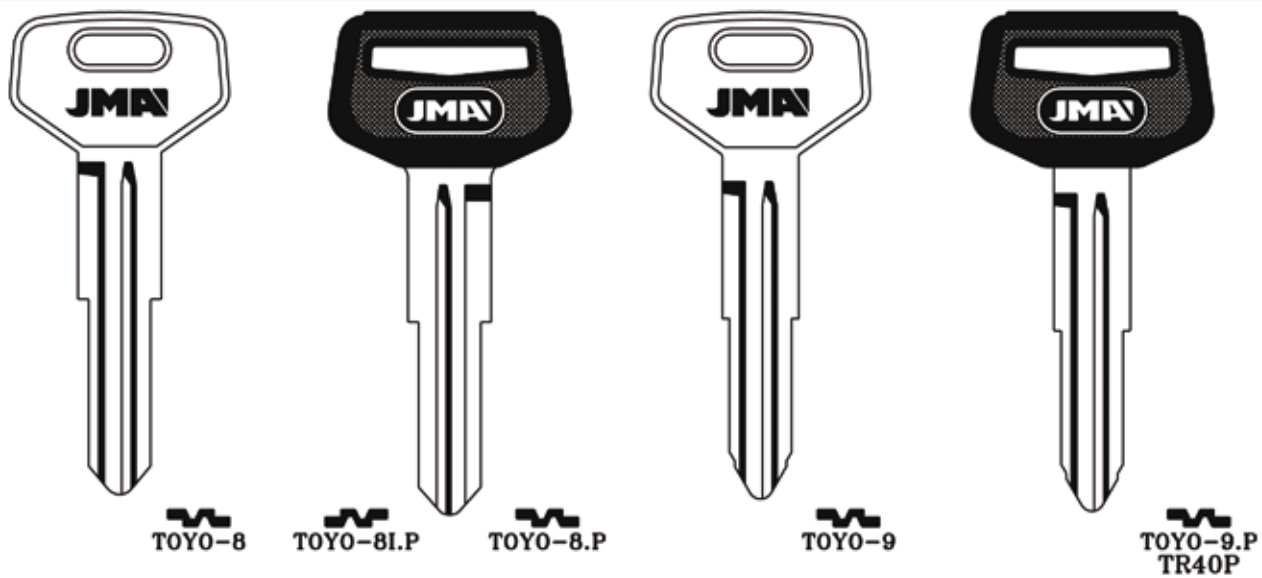
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TOYOTA

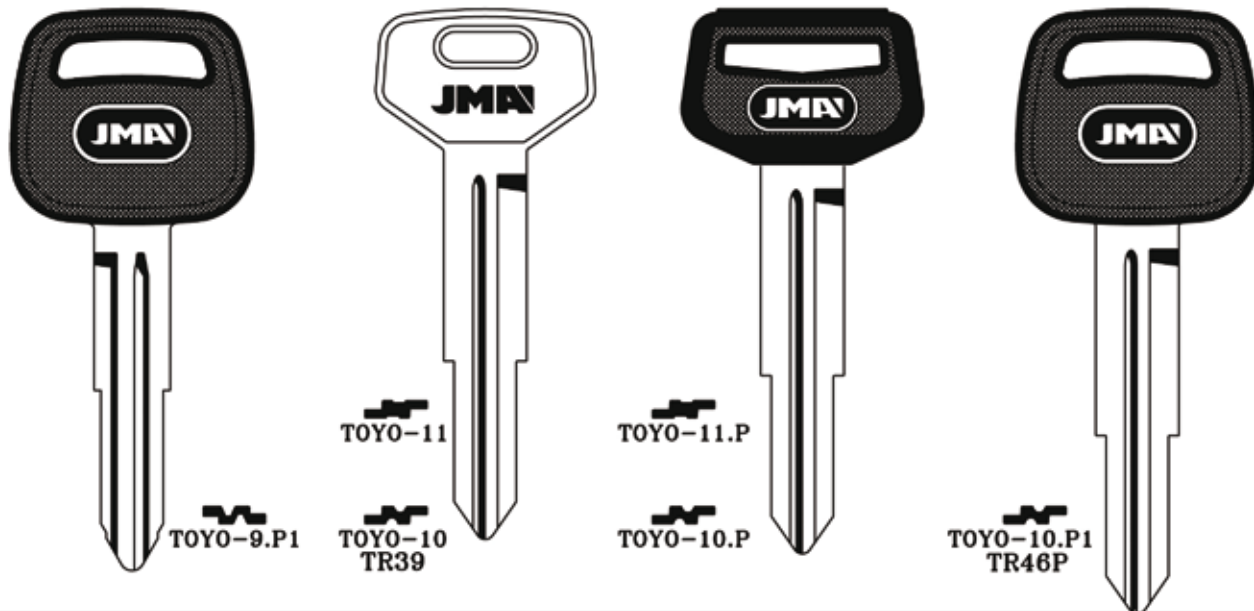


TOYOTA



DAIHATSU

TOYOTA



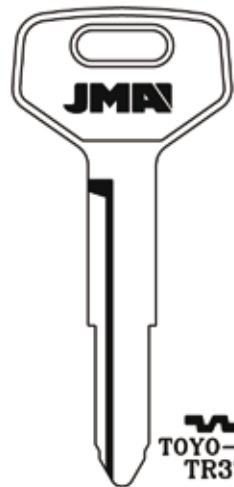
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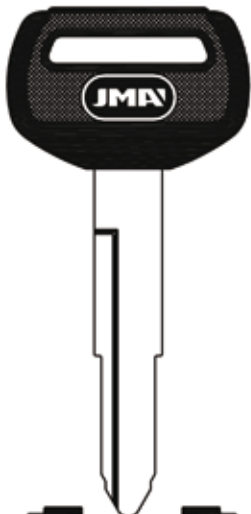


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TOYOTA



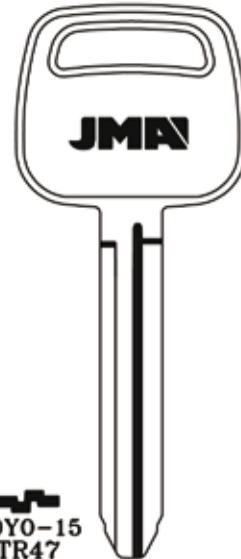
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TR37



TOYO-12
TR33



TOYO-13.P1



TOYO-15
TR47

TOYO-12D

TOYO-12
TR33

TOYO-12D.P

TOYO-12.P
TR33P

TOYO-12D.P1

TOYO-12.P1

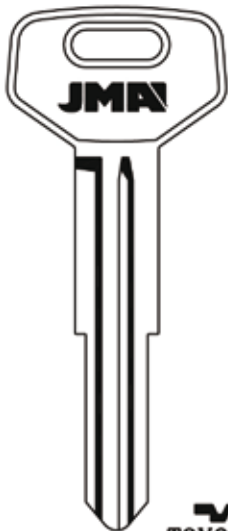
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HINO

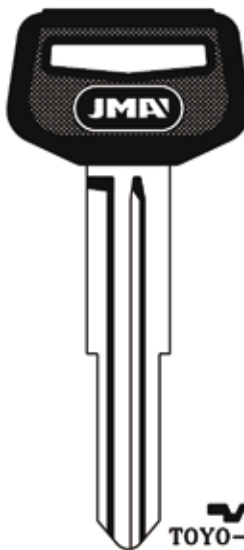
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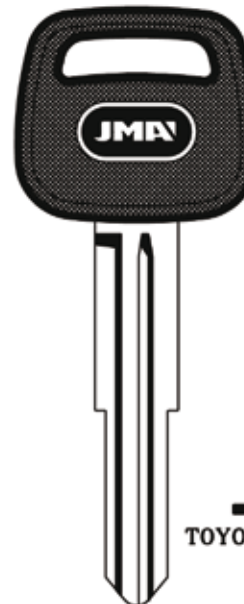
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TOYO-16

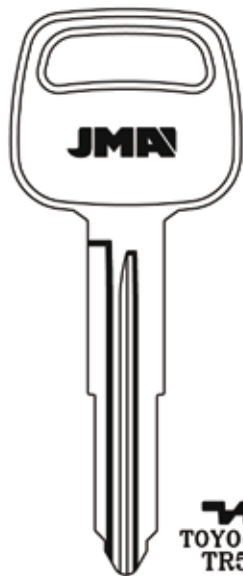


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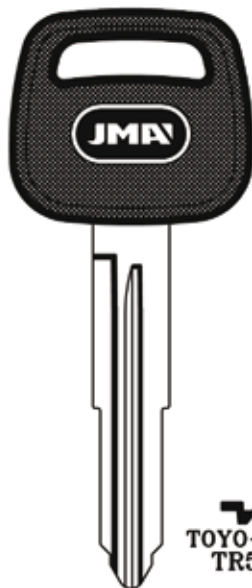


TOYO-16.P1

TOYOTA



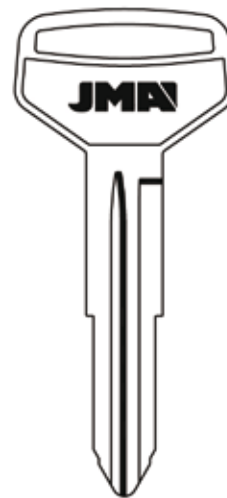
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TR53



TOYO-17.P
TR53P



TOYO-18.P
LXP90P
LEXUS
MAZDA



TOYO-20
TOYO-20D
TR40
DAIHATSU

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TOYOTA



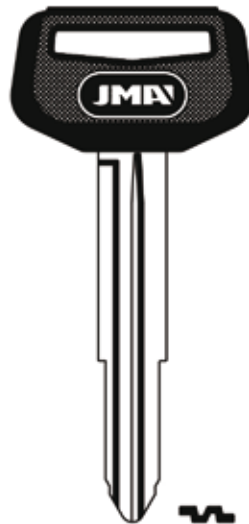
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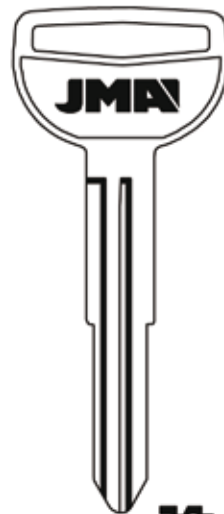
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TOYO-27



TOYO-28.P

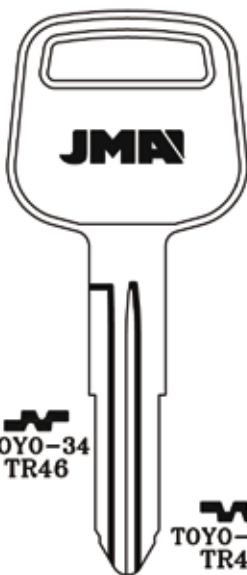


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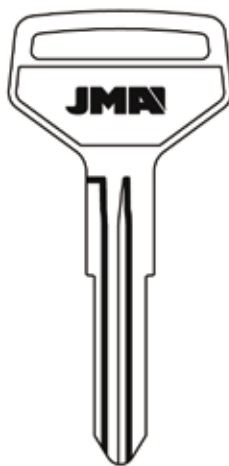
TOYOTA



TOYO-30.P1



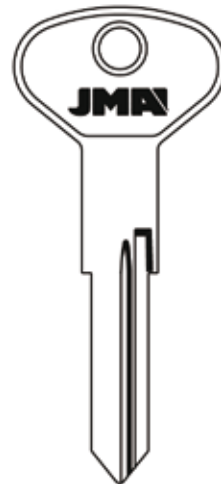
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TOYO-33D
TR44



TOYO-35D
TR25



AU-AN

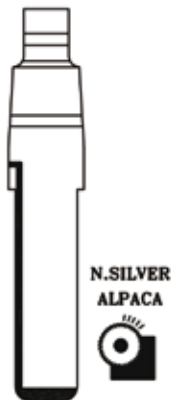


CLI-1D

VOLKSWAGEN



FO-PN
HR62FD



HU-HAAC2



HU-HAAC5



HU-HAA.P1
HU66P



PJ-2

VOLKSWAGEN

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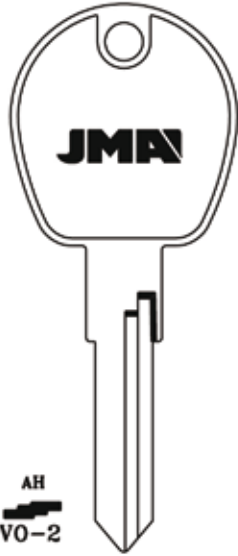


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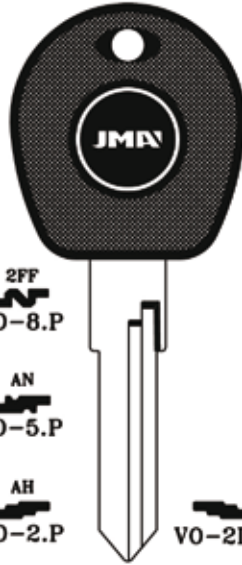
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VO-1
LF12SI



AH
VO-2



2FF
VO-8.P

AN
VO-5.P

AH
VO-2.P

VO-2D.P



2FF
VO-8.P1

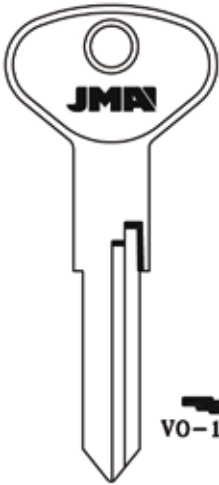
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VO-2.P1

VO-2D.P1

VOLKSWAGEN

VB
VO-VB



VO-10D

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VO-N
V33

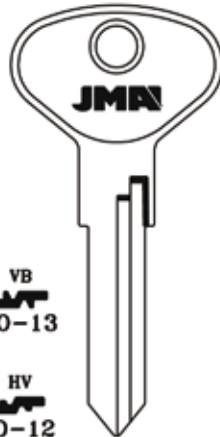
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VO-HV
73VB

AH
VO-AH

2FF
VO-8



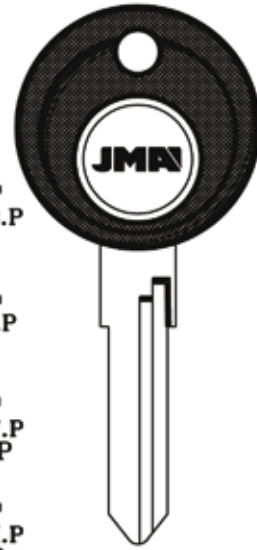
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X132



VB
VO-13

HV
VO-12

AH
VO-11



VB
VO-VB.P

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VO-N.P

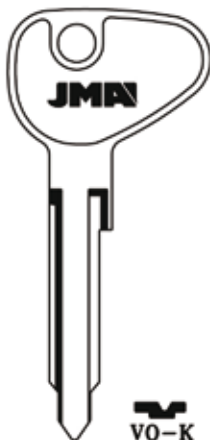
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AH
VO-AH.P
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VOLKSWAGEN



VO-FH.P1



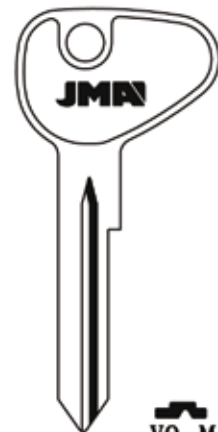
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VO-L



VO-K.P

VO-L.P



VO-M
VW71

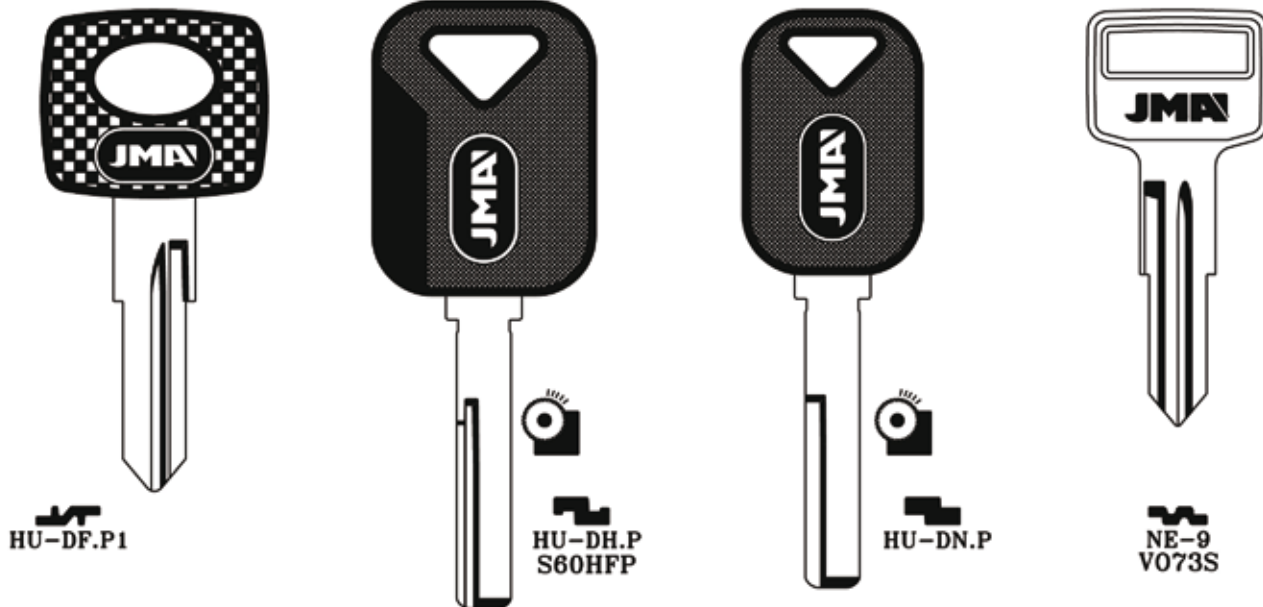
VO-R
VW71A

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

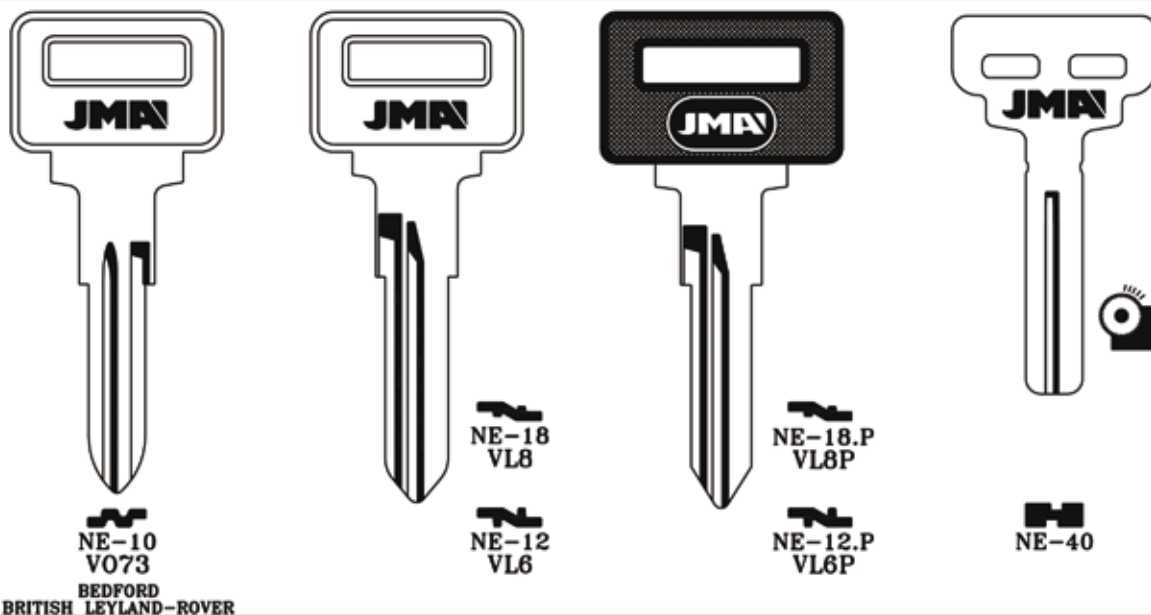
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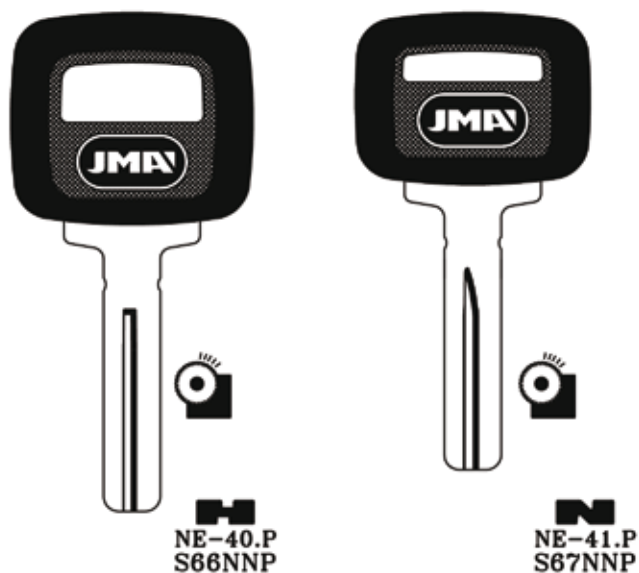
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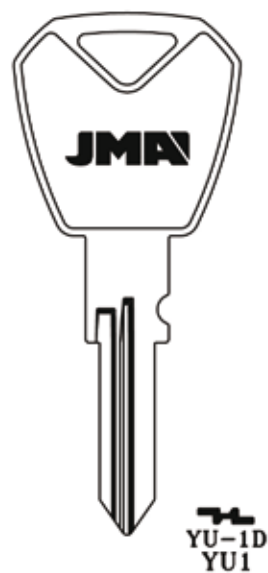
VOLVO



VOLVO



YUGO



ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENCIÓN: Concernant les marques et dénominations commerciales voir la note dans l'index.

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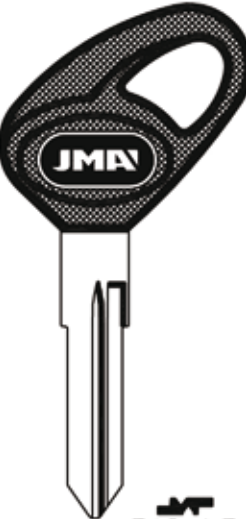











MOTORCYCLE

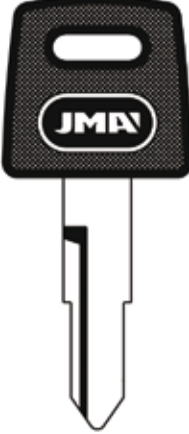
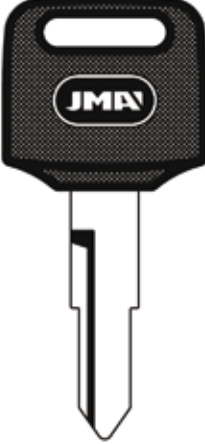
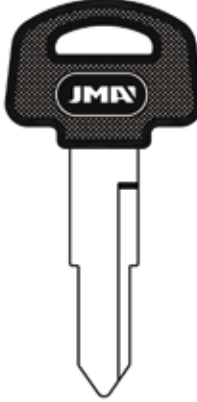






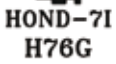
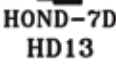
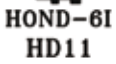
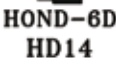
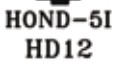
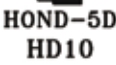
*MOTOCICLETA
MOTO*


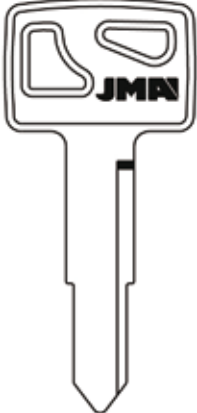
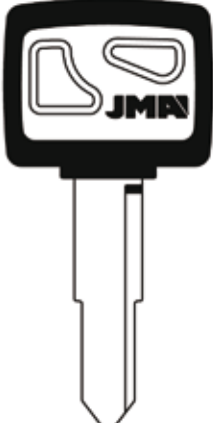
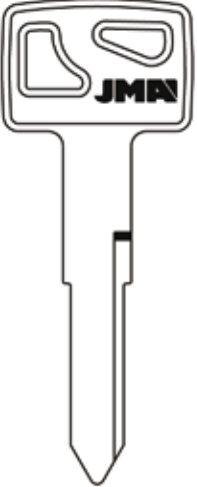









THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerne a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

BAJAJ	BMW		HONDA			
						
 BAJ-1.P	 HB BM-HB BMW2	 HB BM-HB.P BMW2P	 HOND-3D HO44	 HOND-3I HD45	 HOND-4D HD63	 HOND-4I HD75 KYMCO

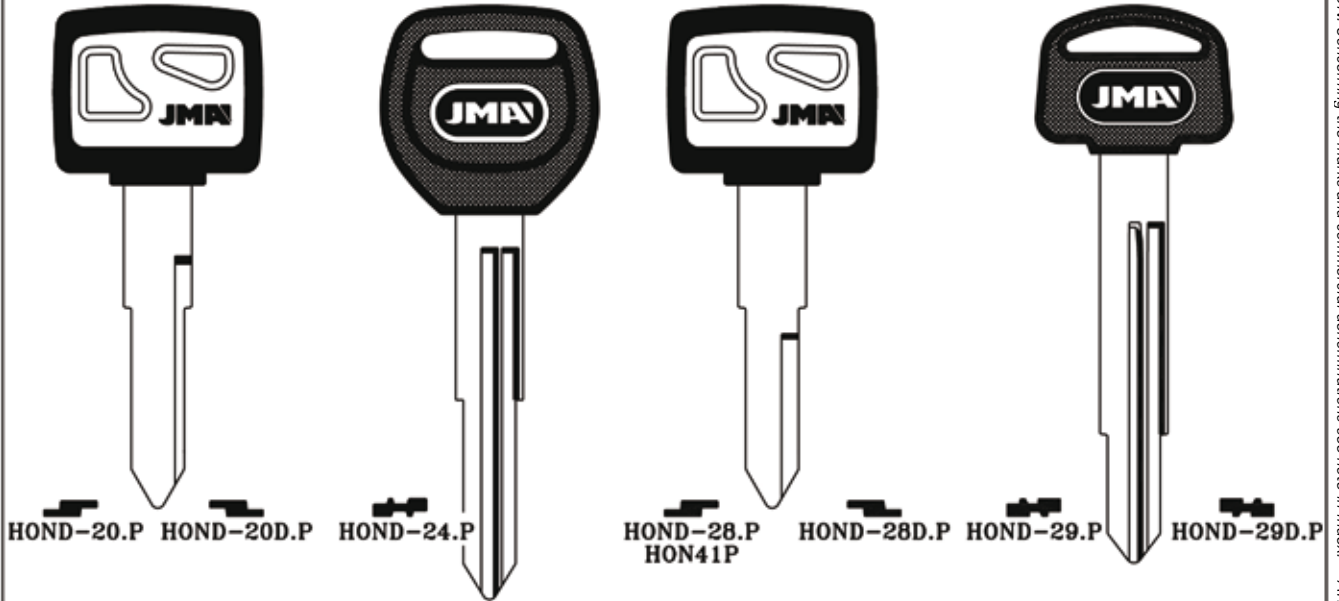
HONDA						
						
 HOND-4D.P HD63P	 HOND-4I.P HD75P KYMCO	 HOND-4D.P1 HON31RAP	 HOND-4I.P1 HON31AP	 HOND-4D.P2 HON31RBP	 HOND-7I H76G	 HOND-7D HD13
					 HOND-6I HD11	 HOND-6D HD14
					 HOND-5I HD12	 HOND-5D HD10

HONDA						
						
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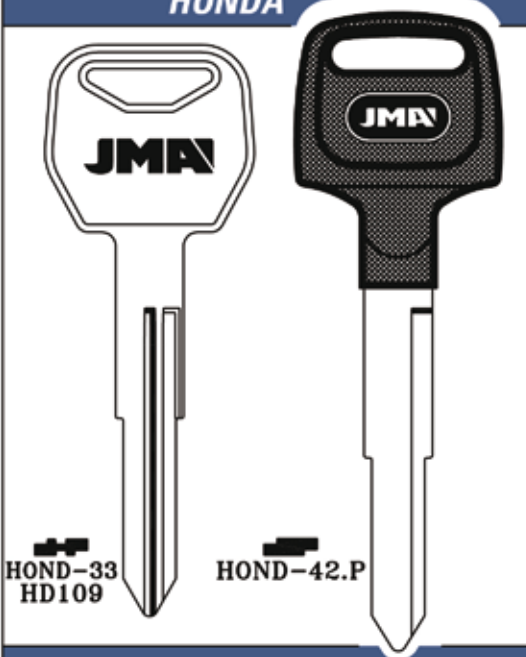
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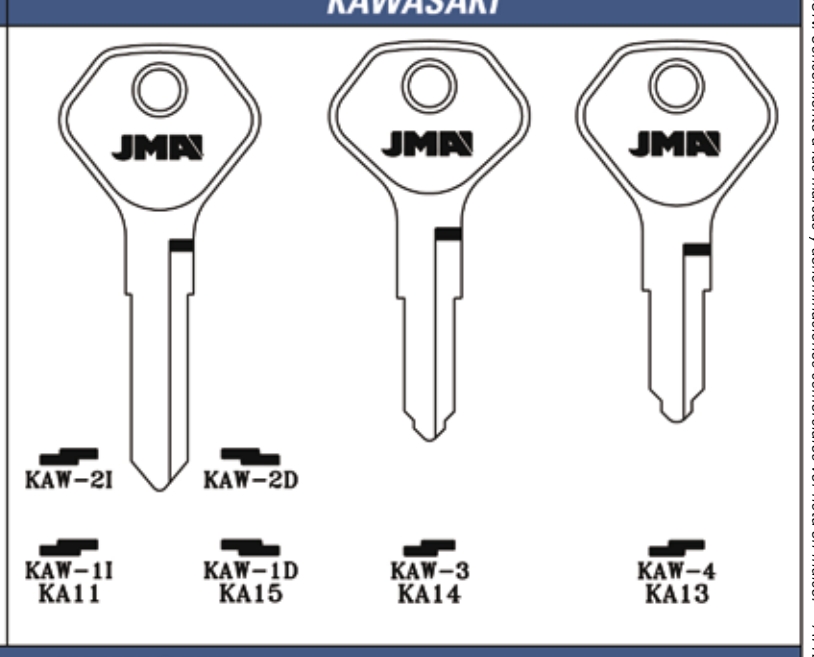
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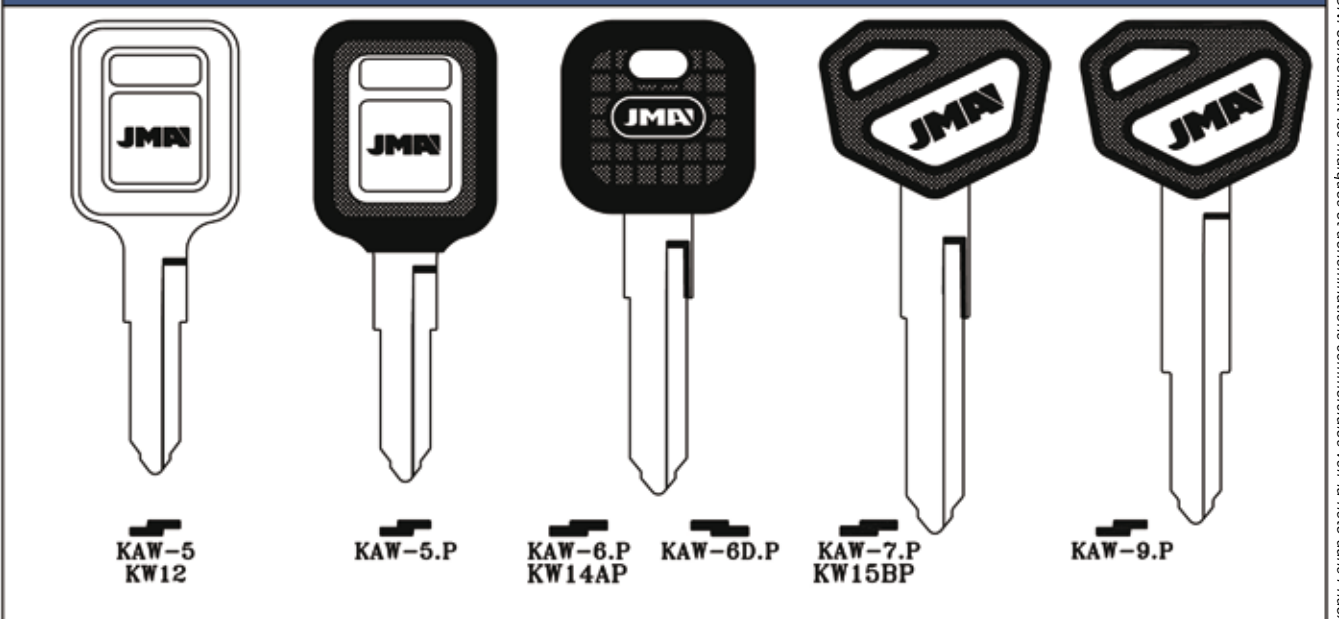
HONDA



KAWASAKI



KAWASAKI





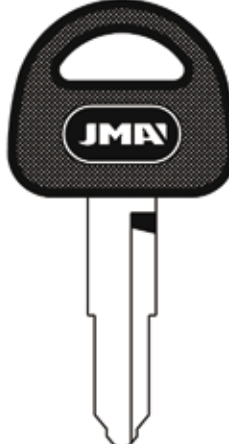



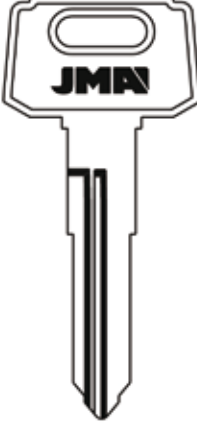
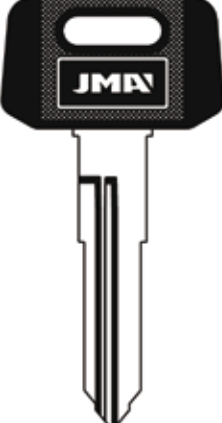
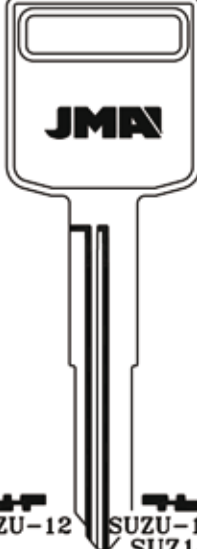

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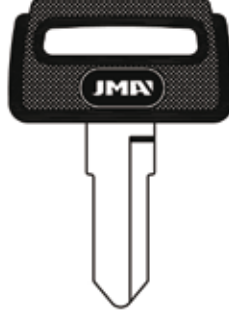
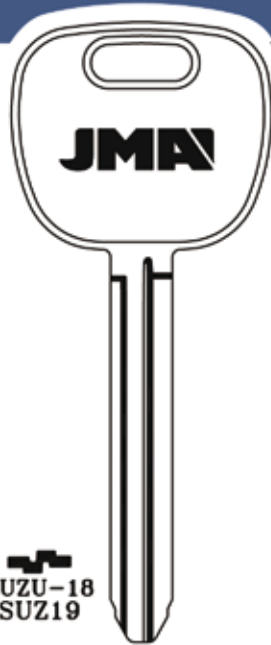
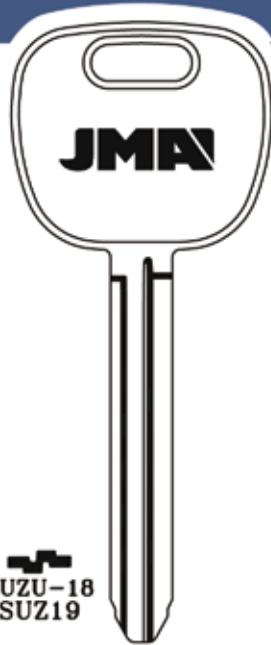



ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

KAWASAKI	MOTOMEL	SUZUKI		
 <p data-bbox="105 609 235 661">KAW-10.P</p>	 <p data-bbox="389 609 495 661">MOT-1.P</p>	 <p data-bbox="657 514 771 577">SUZU-21 SUZ3</p> <p data-bbox="657 619 771 682">SUZU-11 SUZ2</p>	 <p data-bbox="795 514 909 577">SUZU-2D SUZ4</p> <p data-bbox="795 619 909 682">SUZU-1D SUZ1</p>	 <p data-bbox="958 619 1063 682">SUZU-5 SUZ11</p> <p data-bbox="1218 619 1339 682">SUZU-5.P SZ5P</p>

SUZUKI				
 <p data-bbox="162 1291 267 1333">SUZU-6</p>	 <p data-bbox="389 1291 519 1354">SUZU-11D SUZ12</p>	 <p data-bbox="625 1291 779 1354">SUZU-11D.P SZ10RP</p>	 <p data-bbox="812 1291 925 1354">SUZU-12 SUZ18</p> <p data-bbox="950 1291 1079 1354">SUZU-12D SUZ18</p>	 <p data-bbox="1104 1291 1234 1354">SUZU-12.P SUZ18</p> <p data-bbox="1258 1291 1404 1354">SUZU-12D.P SZ14RAP</p>

SUZUKI				TRIUMPH MOT.
 <p data-bbox="113 1963 227 2026">SUZU-16 SZ4R</p>	 <p data-bbox="276 1963 406 2026">SUZU-16D SUZ4P</p>	 <p data-bbox="446 1963 584 2026">SUZU-16.P SZ4P</p> <p data-bbox="609 1963 755 2026">SUZU-16D.P SZ4RP</p>	 <p data-bbox="820 1963 933 2026">SUZU-18 SUZ19</p>	 <p data-bbox="1153 1858 1250 2047"> APIRILA BMW BUELL CAGIVA DERBI ITALJET KYMCO MALAGUTI MZ PIAGGIO </p> <p data-bbox="1291 1942 1388 2026">TRP-1D TMC1</p>

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YAMAHA



YAMA-2I
YH9



YAMA-2D



YAMA-4D
X48



YAMA-5I
YH28

YAMA-1I
YH20

YAMA-1D
YH16

YAMA-3I
YH39

YAMA-3D
YH40

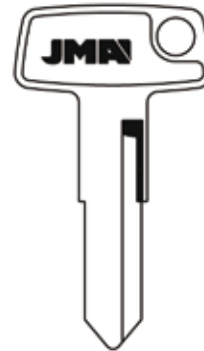
YAMAHA



YAMA-6I
YH6SI



YAMA-6D
YH6R



YAMA-7I
YH29

YAMA-7D
YH24

YAMA-17I
YH33

YAMA-17D
YH34

YAMA-16I
YM56

YAMA-16D
YM55

YAMA-15I
YH32

YAMA-15D
YH30

YAMA-14I
YH35

YAMA-14D
YH36

YAMA-13I
YH45

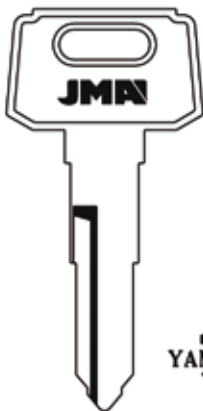
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YH44

YAMA-12I
YH37

YAMA-12D
YH38

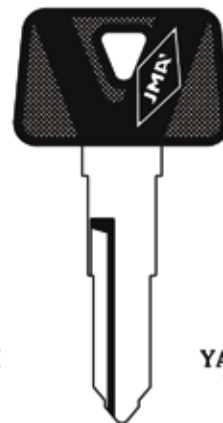
SUZUKI

YAMAHA



YAMA-20D
YH51

YAMA-20I
YH50



YAMA-20D.P
YH30BP

YAMA-20I.P
YH30RBP



YAMA-19D
YH49

YAMA-19I
YH48

YAMA-19D.P
YH29BP

YAMA-19I.P
YH29RBP

YAMA-18D
YH47

YAMA-18I
YH46

YAMA-18D.P
YH28BP

YAMA-18I.P
YH28RBP

YAMA-21I
YH31R

SUZUKI

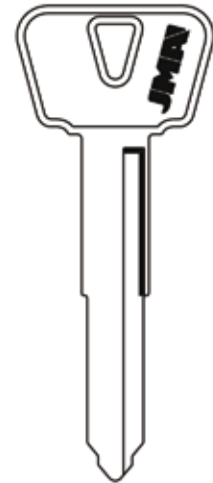
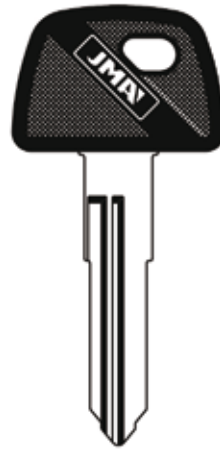
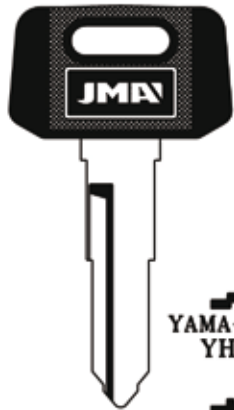
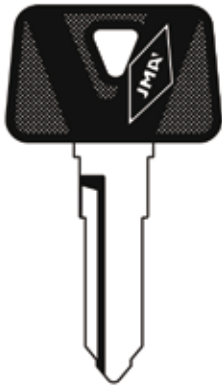
SUZUKI

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YAMAHA



YAMA-24D.P
YH30P

YAMA-24I.P
YH30RP

YAMA-23D.P
YH29P

YAMA-23I.P
YH29RP

YAMA-21I.P
YH31RAP

YAMA-22D.P
YH28P

YAMA-22I.P
YH28RP

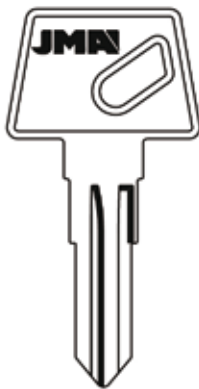
YAMA-25D.P

YAMA-26
YM64

YAMA-26D
YM63

SUZUKI

YAMAHA



YAMA-29.P

YAMA-26.P
YAMA-26D.P
YH35RBP

YAMA-27

YAMA-27D

YAMA-27.P
YH34P

YAMA-27D.P

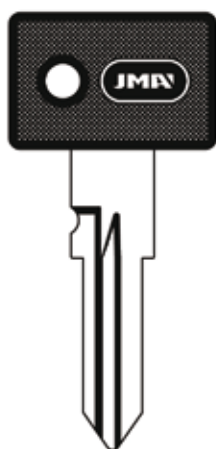
YAMA-28.P

YAMAHA

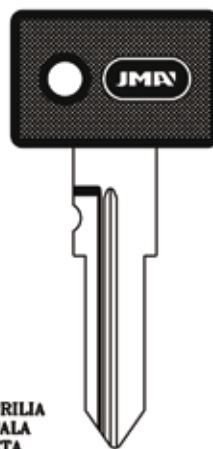


YAMA-30.P

ZADI



ZA-2.P



APRILIA
ATALA
BETA
CAGIVA
ITALJET
MALAGUTI
MAZDA
PIAGGIO
RIZATO
SUZUKI
YAMAHA

ZA-4D.P
ZD16RP



ZA-6D.P
ZD28RFP

BMW

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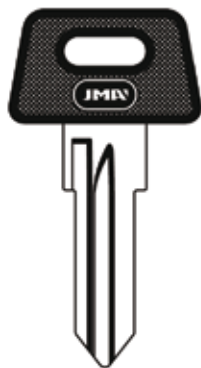


ZADI



 ZA-6D.P1
ZD22RBP

APRILIA-BIMOTA



 ZA-7D.P
ZD17RAP


GILERA



 ZA-8.P
ZD21P

CAGIVA



 ZA-9.P
ZD23RCP

BIMOTA
BMW
HONDA
ITALJET
MALAGUTI

ZADI



 ZA-9.P1
ZD24RDP

BIMOTA
DERBI
GILERA
KYMCO
MAZDA
MOTO GUZZI
TRIUMPH MOTOR.
YAMAHA

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NORTH AMERICAN CYLINDER

*CILINDRO NORTEAMERICANO
CYLINDRE NORD-AMÉRICAIN*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

AMERICAN LOCK



5 PIN

AME-1
AM3



6 PIN

AME-2
A1045



AME-7
1041CK

AME-6
1041CE

AME-3
AM1



AME-4
AM4



5 PIN

JU-1
1046

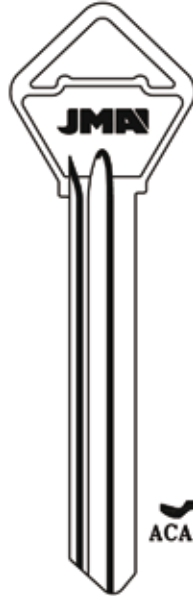
AMERICAN LOCK



6 PIN

AME-5
A1041U

JU-2
1046A

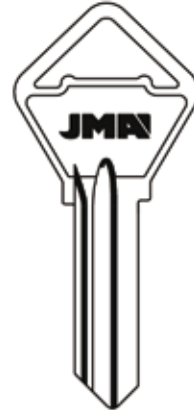


ACA-1D

ARCA



ACA-4D



ACA-3D



ACA-5D

ARCA

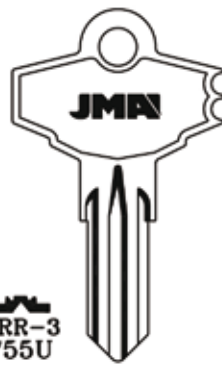


ACA-8D



ACA-7D

ARROW



ARR-3
755U

ARR-2
757
DOMINION LOCK
FORT

ARR-1
755
DOMINION LOCK



ARR-4D
AR1
ALMET

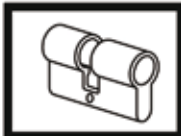


ARR-5D
AR4
ALMET

NORTH
AMERICAN
CYLINDER

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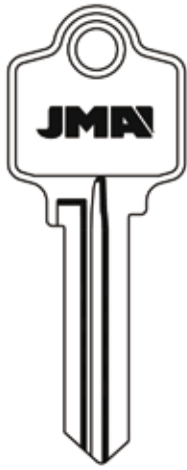
JMA



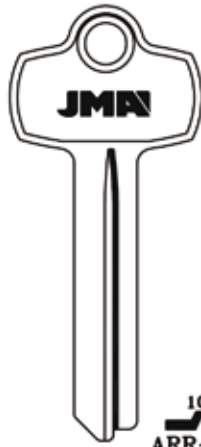
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ARROW

AUSTRAL



ARR-6D
N1179A



ARR-9D
B1179-1C
ARR-7D
B1179-1D



ARR-10
A1179E

V
ARR-23
A1179V

T
ARR-21
A1179T

R
ARR-19
A1179R

N
ARR-17
A1179N

K
ARR-15
A1179K

H
ARR-13
A1179H

F
ARR-11
A1179F

U
ARR-22
A1179U

S
ARR-20
A1179S

P
ARR-18
A1179P

L
ARR-16
A1179L

J
ARR-14
A1179J

G
ARR-12
A1179G



AUS-1

AUSTRAL



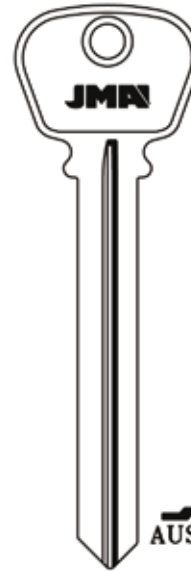
AUS-2



AUS-3



AUS-4



AUS-5



AUS-6
AUS-6D

AUSTRAL

AUTH FLORENCE

AVCE

BALDWIN



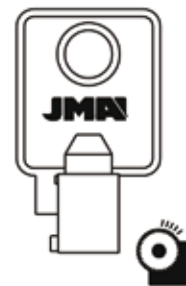
AUS-7D



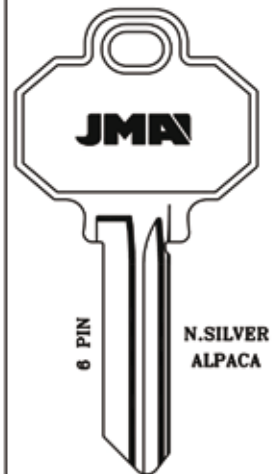
AUS-8



AUT-1D
AF1



AVC-1T

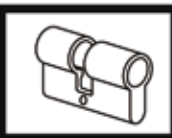


BAL-1
1511

N.SILVER
ALPACA






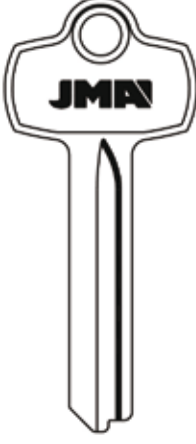
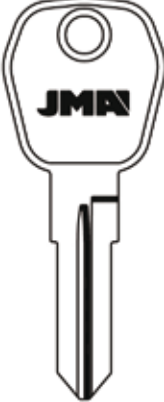


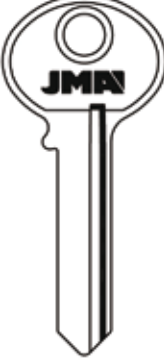



NORTH
AMERICAN
CYLINDER

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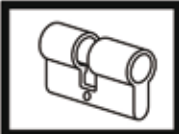


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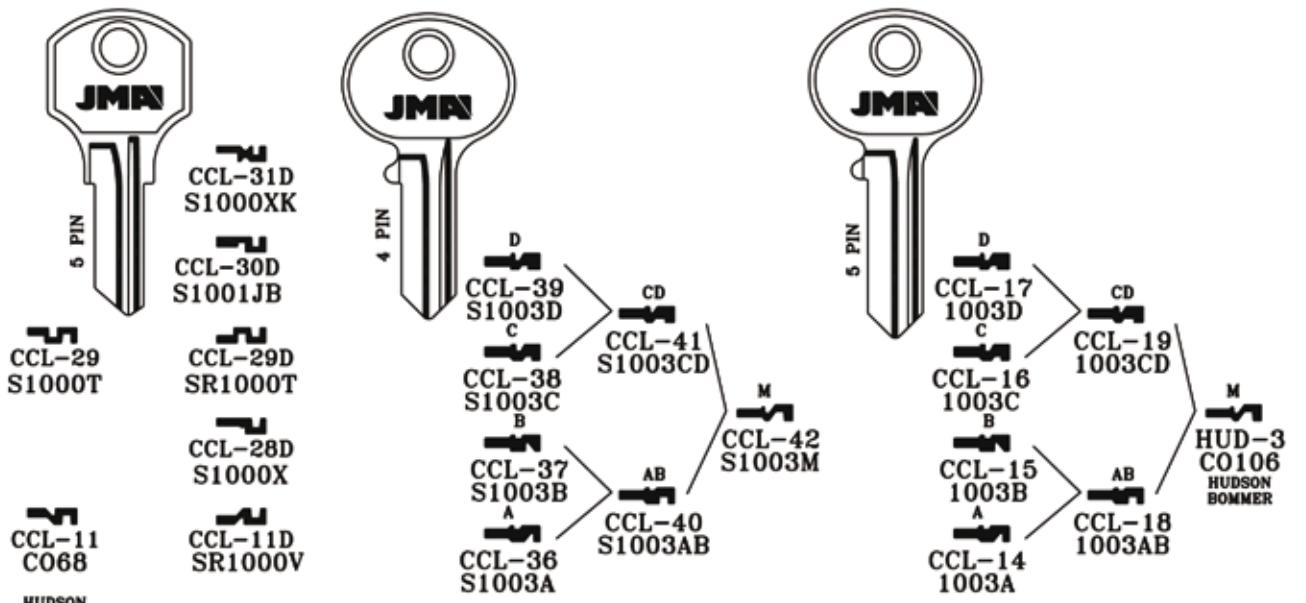
NORTH AMERICAN CYLINDER

BALDWIN	BARGMAN		BAUER		
 <p>5 PIN N.SILVER ALPACA</p> <p>C BAL-2 BW2</p>	 <p>JMA</p> <p>BRG-1 BN1</p>	 <p>JMA</p> <p>BRG-5D K1122B</p> <p>BRG-4D K1122C</p> <p>BRG-3 K1122N</p> <p>BRG-2D L1054M</p>	 <p>JMA</p> <p>BUE-1 BAU1</p>	 <p>JMA</p> <p>BUE-1D BAU1R</p> <p>BUE-2 BAU2</p>	
BEST			CAM LOCK	CCL	
 <p>JMA</p> <p>BES-1D BE2</p>	<p>TB BES-17D A1114TB</p> <p>B BES-14D A1114B</p> <p>M BES-11D A1114M</p> <p>J BES-8D A1114J</p> <p>E BES-5D A1114E</p> <p>C BES-2D A1114C</p>	<p>FM BES-15D A1114FM</p> <p>Q BES-12D A1114Q</p> <p>K BES-9D A1114K</p> <p>G BES-6D A1114G</p> <p>D BES-3D A1114D</p>	<p>F BES-16D A1114F</p> <p>R BES-13D A1114R</p> <p>L BES-10D A1114L</p> <p>H BES-7D A1114H</p> <p>DD BES-4D A1114DD</p>	 <p>JMA</p> <p>CML-1 1631</p>	 <p>5 PIN</p> <p>JMA</p> <p>CCL-27 XO1000GR</p> <p>CCL-1 X1000GR</p> <p>CCL-1D CO10</p>
CCL					
 <p>6 PIN</p> <p>JMA</p> <p>CCL-26 XO1000FR</p> <p>CCL-2 SX1000FR</p>	 <p>JMA</p> <p>CCL-26D XO1000F</p> <p>CCL-2D CO17</p>	 <p>6 PIN</p> <p>JMA</p> <p>CCL-34D 1000XK HUDSON</p> <p>CCL-33D 1000P</p> <p>CCL-32 CO12</p> <p>CCL-12 CO26 HUDSON</p> <p>CCL-13D 1000FX</p> <p>CCL-3D CO19</p>	 <p>JMA</p> <p>CCL-32D R1000T</p> <p>CCL-12D R1000V</p> <p>CCL-5D CO63</p>	 <p>CCL-35D 1000KC</p>	
NAT. CASH REGISTER					

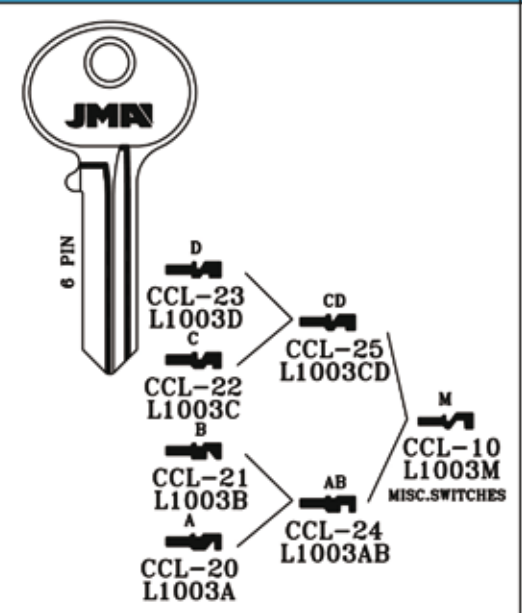
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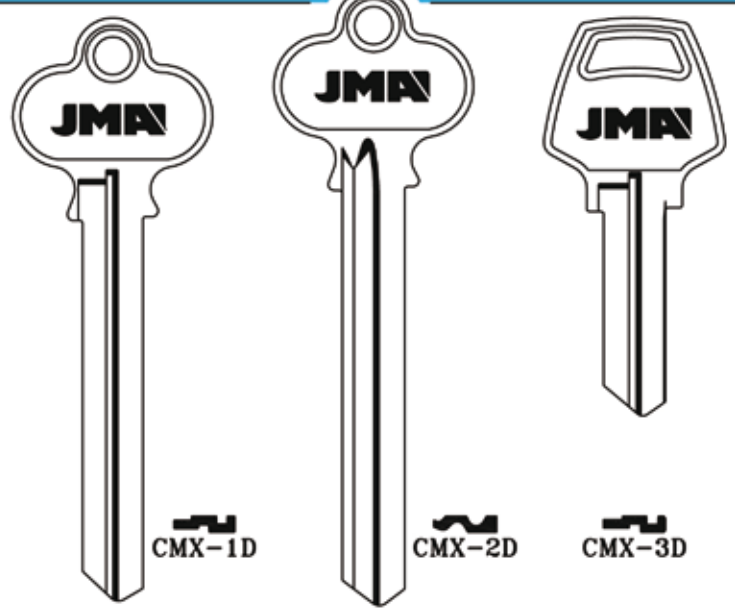
CCL



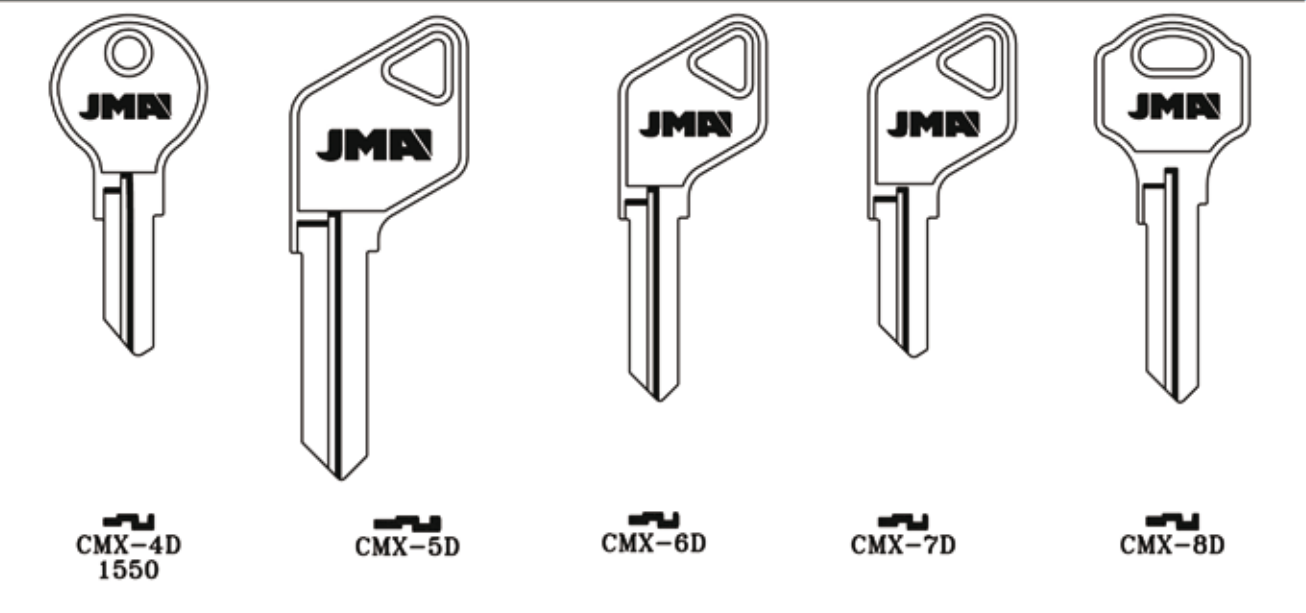
CCL



CEMEX

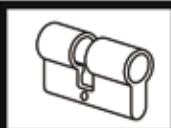


CEMEX






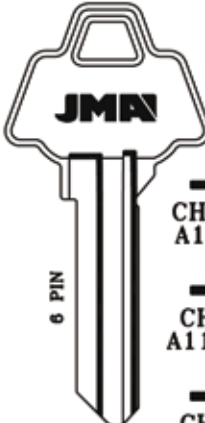










NORTH AMERICAN CYLINDER


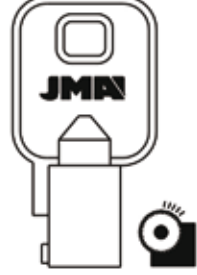






















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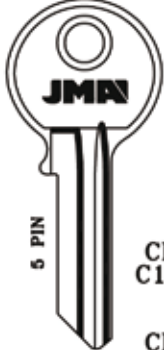
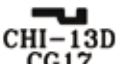
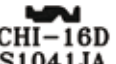


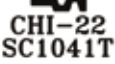





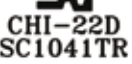





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ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

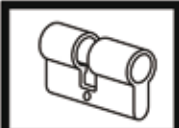
CEMEX		CHALLENGER	
			
			
CMX-9D	CMX-10D 1548	CHL-5 1170E	CHL-6 1170M
			
		CHL-3 1170BD	CHL-4 1170CJ
			
		CHL-1 H01	CHL-2 1170C
			
			CHL-8 A1170C
			
			CHL-7 H04

CHICAGO			
			
			
CHI-5 1041N	CHI-35 1041K	CHI-11 AP5	CHI-19D C1041N
			
CHI-3 1041GR	CHI-4 1041GB	CHI-9D AP1	CHI-17D C1041J
			
CHI-1 CG2	CHI-2 CG1	CHI-10D AP2	CHI-18 C1041L
			
	CHI-1T 1137B	CHI-7D AP4	CHI-14 CG22
			
	BMW MOTORCYCLE BUELL HARLEY DAVIDSON ACE FORT ILCO	CHI-8D AP3	CHI-12 1041TR
			
			CHI-15D C1041P
			
			CHI-12D CG16

CHICAGO			
			
			
CHI-13D CG17	CHI-16D S1041JA	CHI-23 SC1041YR	CHI-27 C1041YR
			
		CHI-22 SC1041T	CHI-26 C1041T
			
		CHI-21 SC1041S	CHI-25 C1041JB
			
		CHI-20 SC1041R	CHI-24 C1041R
			
		CHI-22D SC1041TR	CHI-26D C1041TR
			
		CHI-21D SC1041SR	CHI-25D C1041SR

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AMERICAN
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ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

NORTH AMERICAN CYLINDER


CHICAGO




CHI-34
C1041DN




CHI-32D
1041DE




CHI-33D
1041DH




CHI-31
R1041DV




CHI-31D
1041DV




CHI-30
1041DC



CHI-30D
R1041DC




CHI-28
1041D




CHI-29
1041DB


CORBIN




COR-3




COR-11




COR-1D
CB7



COR-138D
1001MK




COR-8
C087

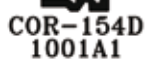


COR-7
C097


CORBIN




6 PIN
COR-155D
1001A2




COR-154D
1001A1



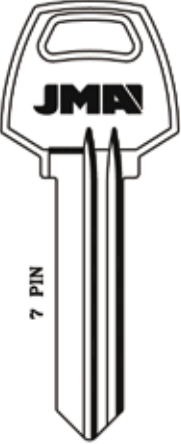
COR-9
C088




COR-9D
A1001EHR




COR-10
01001E




7 PIN
COR-222
L1001EH



COR-11

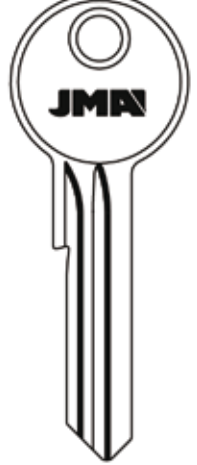


COR-11D

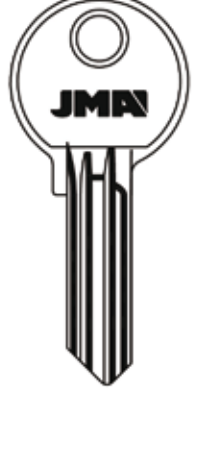


COR-13
COR-12


CORBIN




COR-15D




COR-16D




COR-17D



COR-20

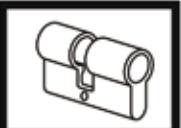


COR-20D



COR-25I

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CORBIN



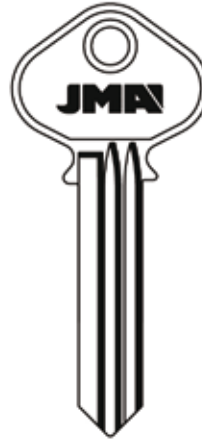
COR-27D



COR-29D



COR-30
CB1



COR-32



COR-33

CORBIN



COR-34



COR-40
CB2



COR-42

COR-43D

*COR-41D



5 PIN

COR-221D
1001GB

COR-177D
R1001MJ

COR-175
CB37

COR-109
1001MJ

COR-82
C01

COR-82
C07

COR-178D
R1001ES

COR-176D
R1001CEM

COR-110
1001ES

COR-83
C05

COR-81
C03

CORBIN



6 PIN

*N.SILVER
ALPACA

COR-172D
A1001MJR

COR-169
R1001EK

*COR-166D
1001MG

COR-163
1001MB

COR-111D
A1001HP

COR-44
C02

COR-173D
R1001ET

COR-170
R1001EP

COR-167D
R1001ED

COR-164
1001MC

COR-112
A1001MJ

COR-45
C036

COR-174
1001EA

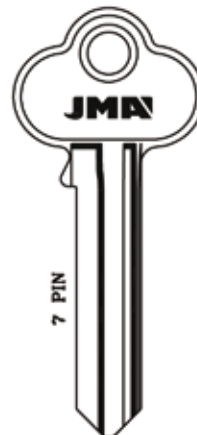
COR-171D
R1001EM

COR-168
C035

COR-165D
1001MD

COR-162
1001MA

COR-84
C06



7 PIN

COR-220
R1001GA

COR-160
A1001MF

COR-158
A1001MA

COR-156
1001E

COR-85
1001A

COR-46
1000A

COR-220D
1001GA

COR-161D
R1001EL

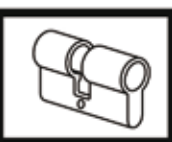
COR-159D
A1001MB

COR-157D
1001EJ

COR-113
B1001EJ

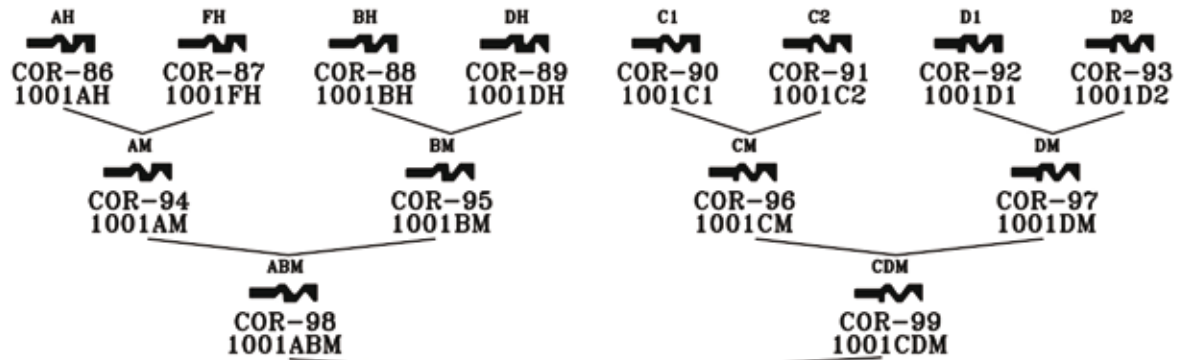
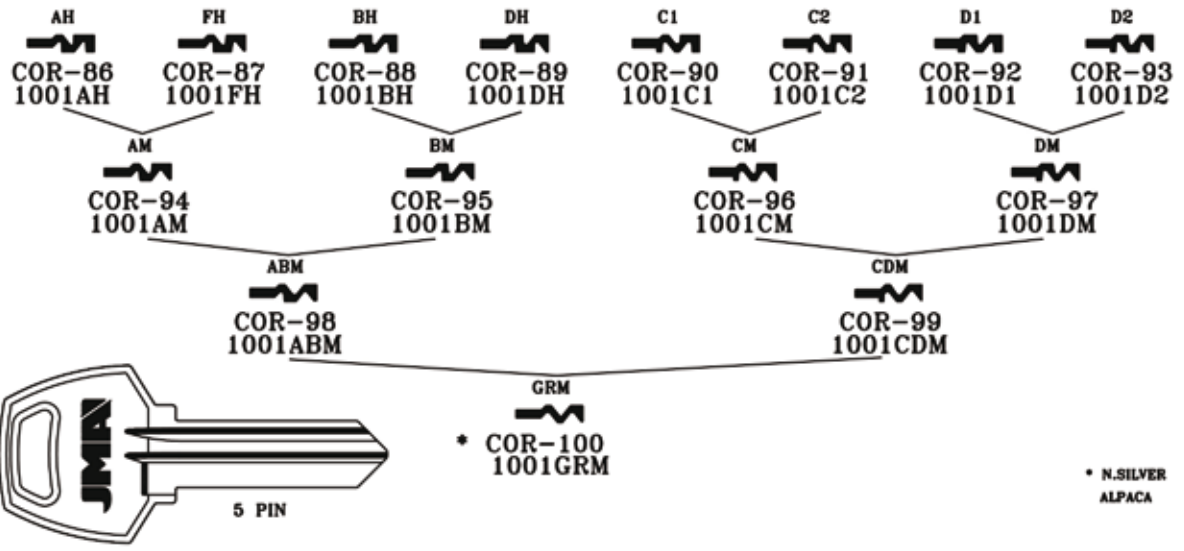
COR-47
1001EL

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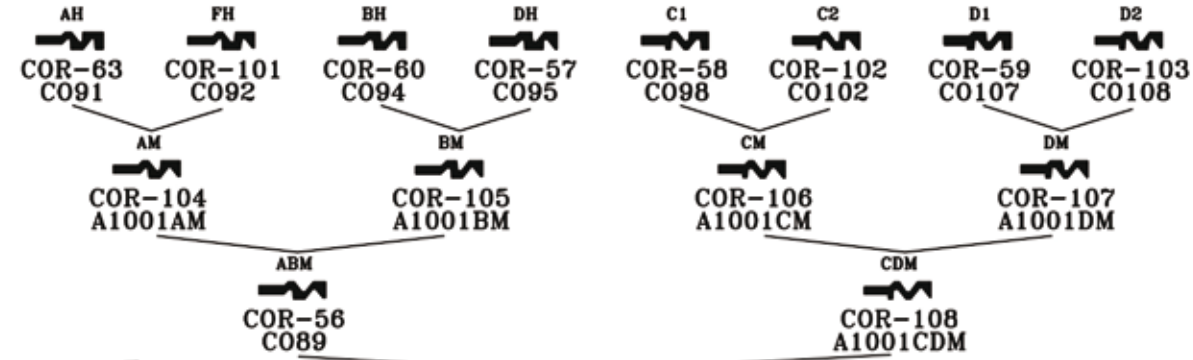
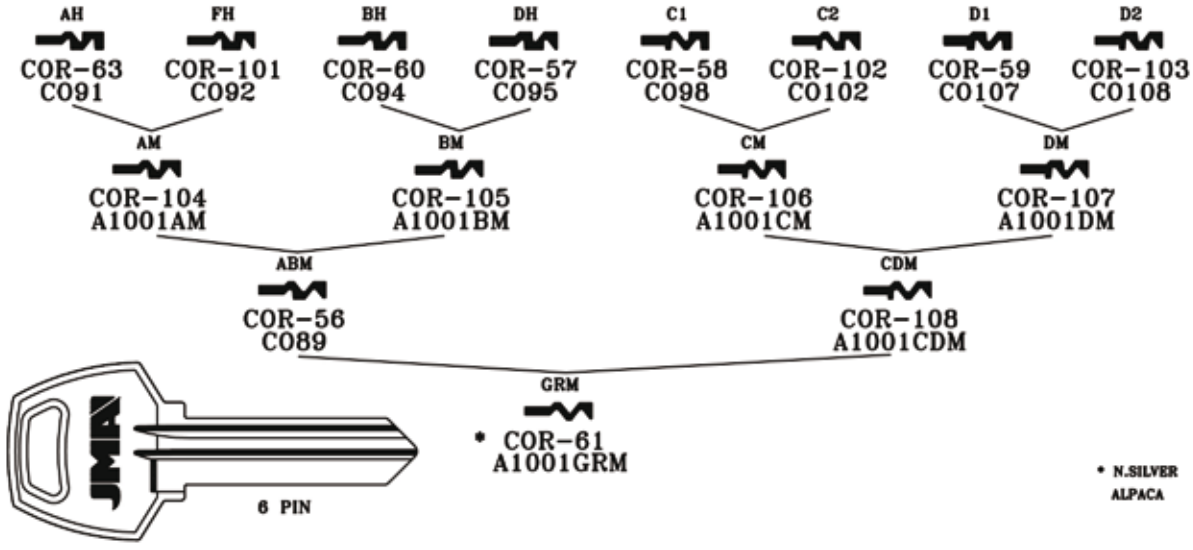


ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCION: Con respecto a las marcas y denominaciones comerciales ver nota en indice. ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

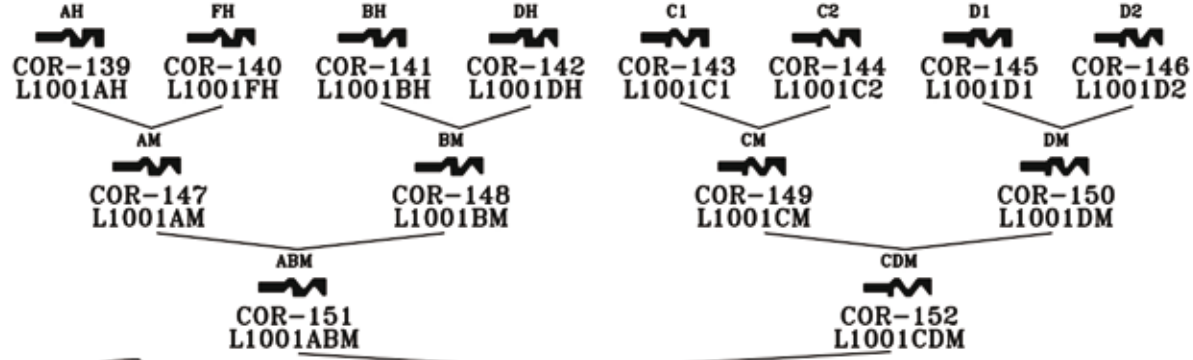
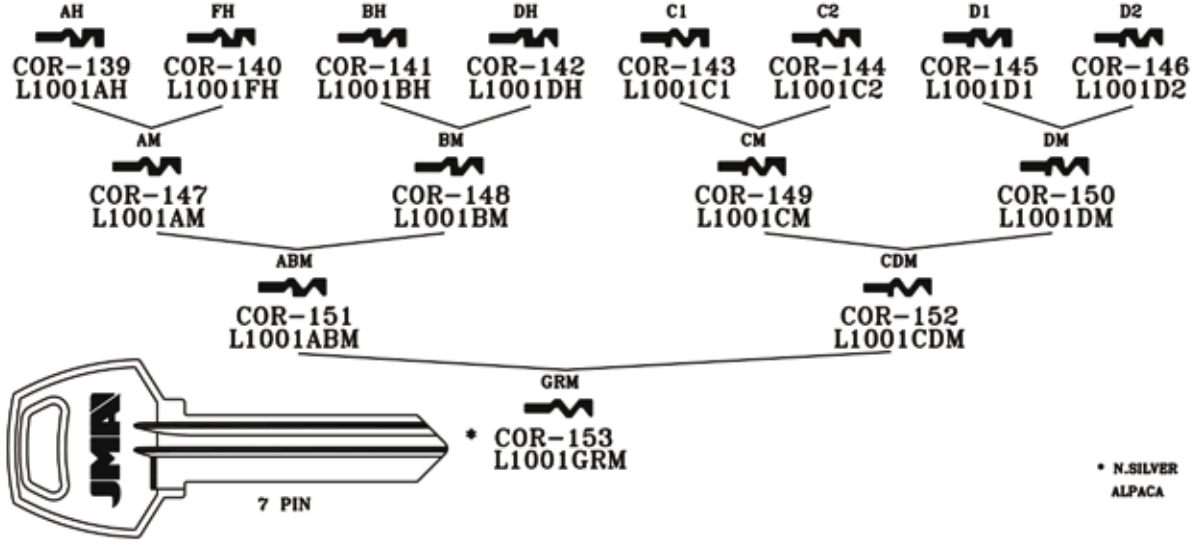
CORBIN



CORBIN

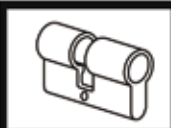


CORBIN



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ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

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CORBIN



COR-50/60
CB3



COR-55D
C062



N.SILVER
ALPACA

COR-130D
A1012-H8

COR-128D
A1012-H3

COR-126D
A1012-H2

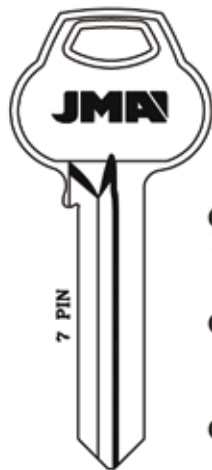
COR-124D
A1012-H1

COR-129D
A1012-H7

COR-127D
A1012-H6

COR-125D
A1012-H5

CORBIN



N.SILVER
ALPACA

L4
COR-134D
L1011-L4

L3
COR-133D
L1011-L3

L2
COR-132D
L1011-L2

L1
COR-131D
L1011-L1

L34
COR-136D
L1011-L34

L41
COR-137D
L1011-L41

L12
COR-135D
L1011-L12



COR-217
CR91

COR-216
CR88

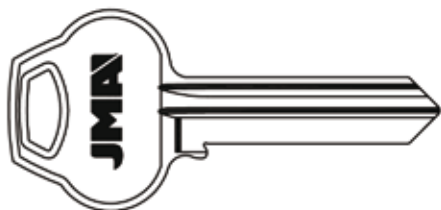
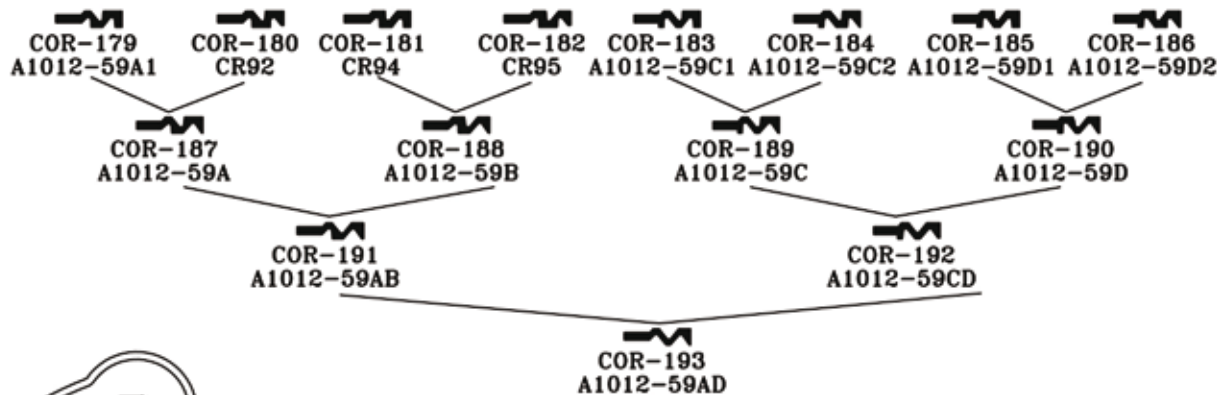
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CR46



COR-219
CR45

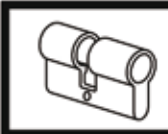
COR-218
CR87

CORBIN



N.SILVER
ALPACA

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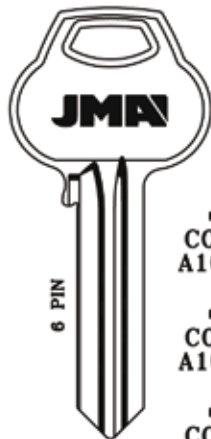
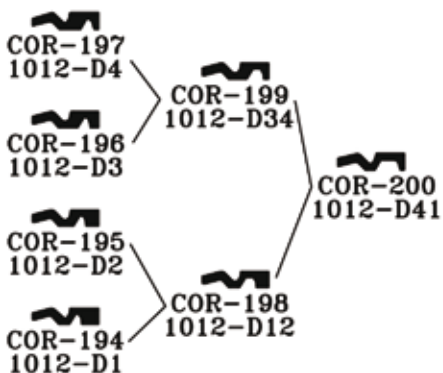


ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

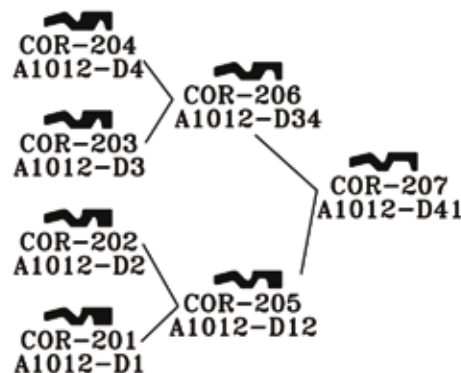
CORBIN



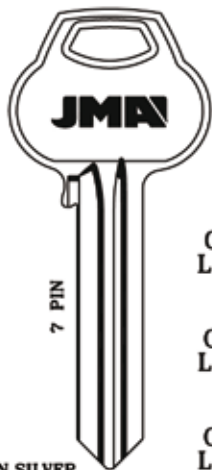
N.SILVER
ALPACA



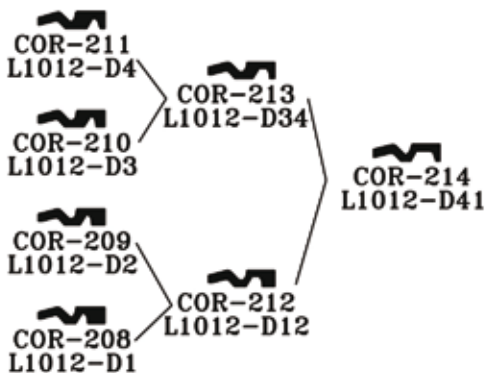
N.SILVER
ALPACA



CORBIN



N.SILVER
ALPACA



DEXTER



DX-4
DE4



DX-1D DX-5 *DX-5D
DE4 DE6

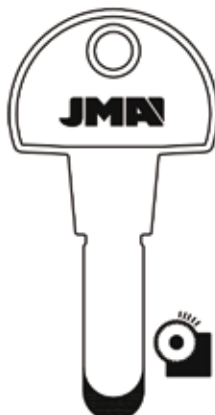
DEXTER



DX-6



DX-6D
DE8



DX-7D
DE2



7.9 2.95
DX-8

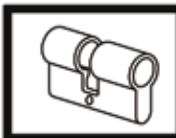


7.9 2.95
DX-9

DX-10

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AMERICAN
CYLINDER

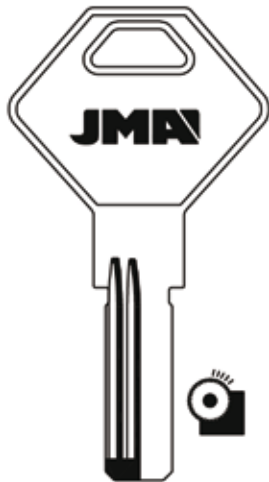
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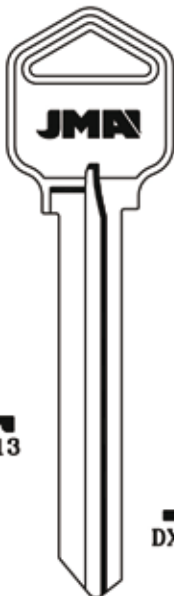
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NORTH
AMERICAN
CYLINDER

DEXTER



DX-11D



DX-13



DX-37
DE9

DEXTER

B10
DX-14
DXB10

B20
DX-15
DXB20

B30
DX-16
DXB30

C10
DX-17
DXC10

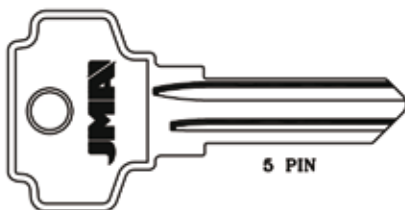
C20
DX-18
DXC20

C30
DX-19
DXC30

D10
DX-20
DXD10

D20
DX-21
DXD20

D30
DX-22
DXD30



5 PIN

18R
DX-23
DX18R

DEXTER

B10
DX-24
DXB1

B20
DX-25
DXB2

B30
DX-26
DXB3

C10
DX-27
DXC1

C20
DX-28
DXC2

C30
DX-29
DXC3

D10
DX-30
DXD1

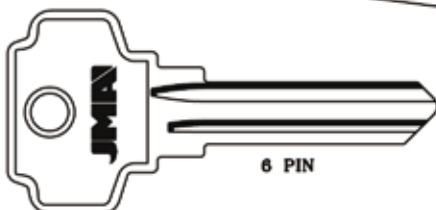
D20
DX-31
DXD2

D30
DX-32
DXD3

B4
DX-33
DXB4

C4
DX-34
DXC4

D4
DX-35
DXD4

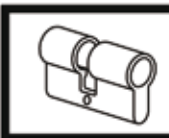


6 PIN

G5
DX-36
DXG5

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JMA



DIXON



DIX-1D



DIX-4



DIX-5D



DIX-6D



DIX-7D

DOMINION LOCK



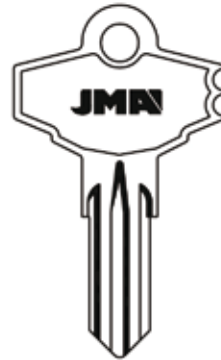
DOI-1
S54F
PETERBORO



DOI-4
D06



DOI-5
P54F
CANADA POST



DOI-7
785
 DOI-6
780



EAG-1D

EAGLE

EAGLE



EAG-2D
O1014S



EAG-4D



EAG-5D
EA13

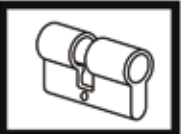












EAG-6
EA1


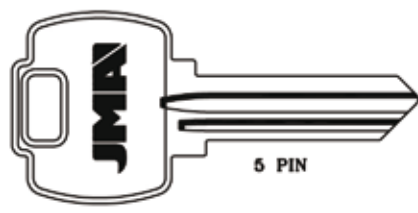










EARLE

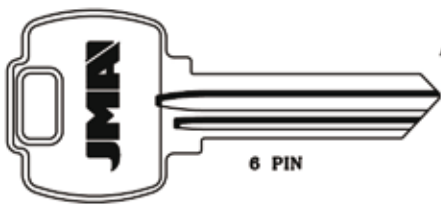
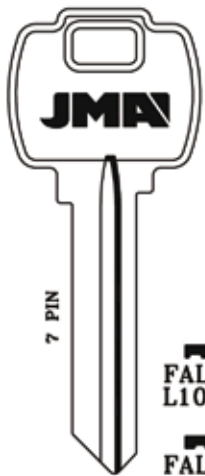














EAR-1D
ER1



ELGIN			ESP	
				
 ELG-1 EL10	 ELG-2 EL11	 ELG-3 EL1	 ESP-1 ES9	 ESP-2D 1502M

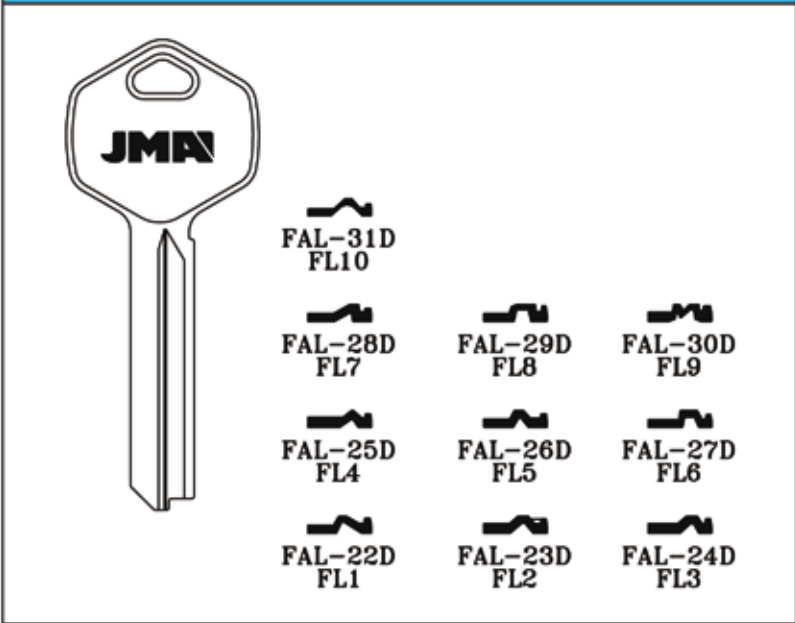
EZ SET	FALCON
	 <p>5 PIN</p>
 EZS-1 EZ2	 FAL-13D 1054WD
	 FAL-14D 1054WH
	 FAL-15D 1054WK
	 FAL-16D 1054WL
	 FAL-17D 1054WN
	 FAL-18D 1054WP
	 FAL-19D 1054WF
	 FAL-20D 1054WJ
	 FAL-21D 1054WR

FALCON	
 <p>6 PIN</p>	 <p>7 PIN</p>
 FAL-1D FA3	 FAL-3D A1054WH
	 FAL-4D A1054WK
	 FAL-5D A1054WL
	 FAL-6D A1054WN
	 FAL-7D A1054WP
	 FAL-8D A1054WF
	 FAL-9D A1054WJ
	 FAL-2D A1054WR
	 FAL-12D L1054WH
	 FAL-11D L1054WD
	 FAL-10D L1054WC

ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

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FALCON **FANAL**



JMA

FAL-31D
FL10

FAL-28D
FL7

FAL-25D
FL4

FAL-22D
FL1

FAL-29D
FL8

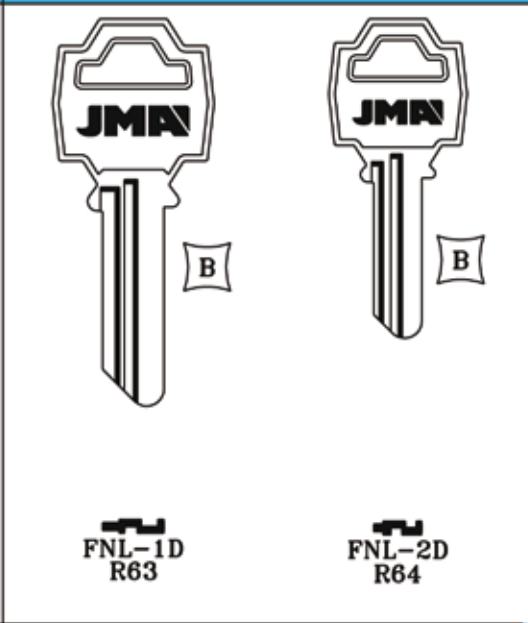
FAL-26D
FL5

FAL-23D
FL2

FAL-30D
FL9

FAL-27D
FL6

FAL-24D
FL3



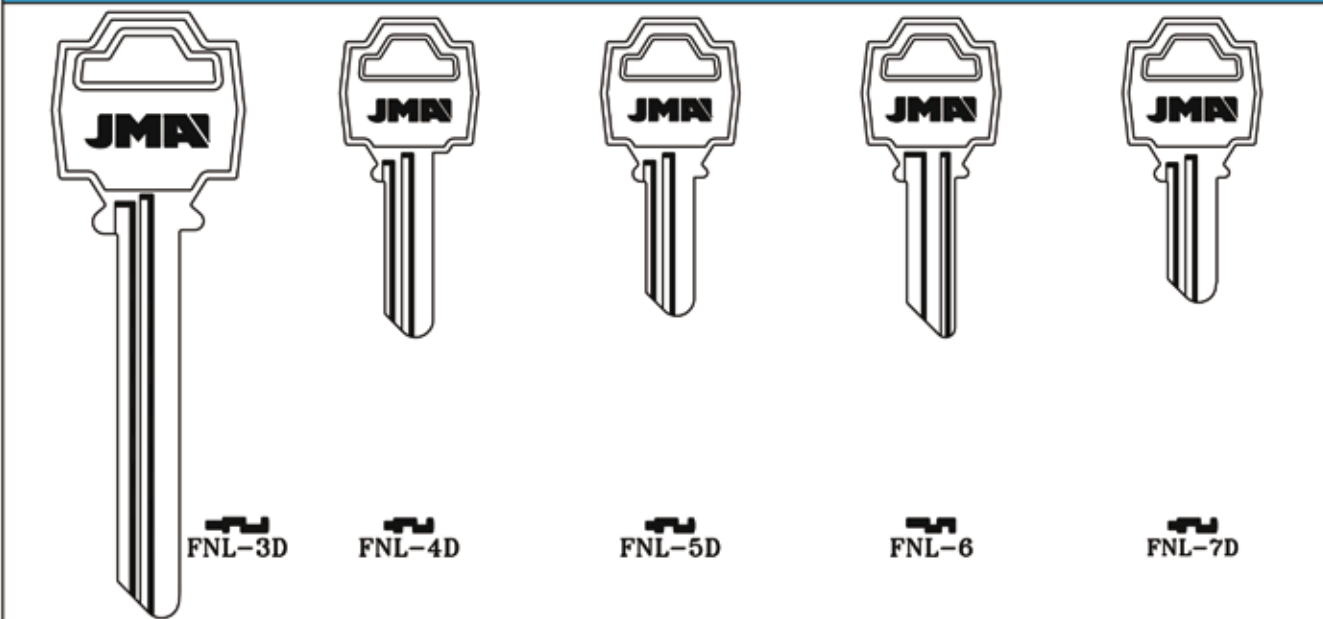
JMA

JMA

FNL-1D
R63

FNL-2D
R64

FANAL



JMA

JMA

JMA

JMA

JMA

FNL-3D

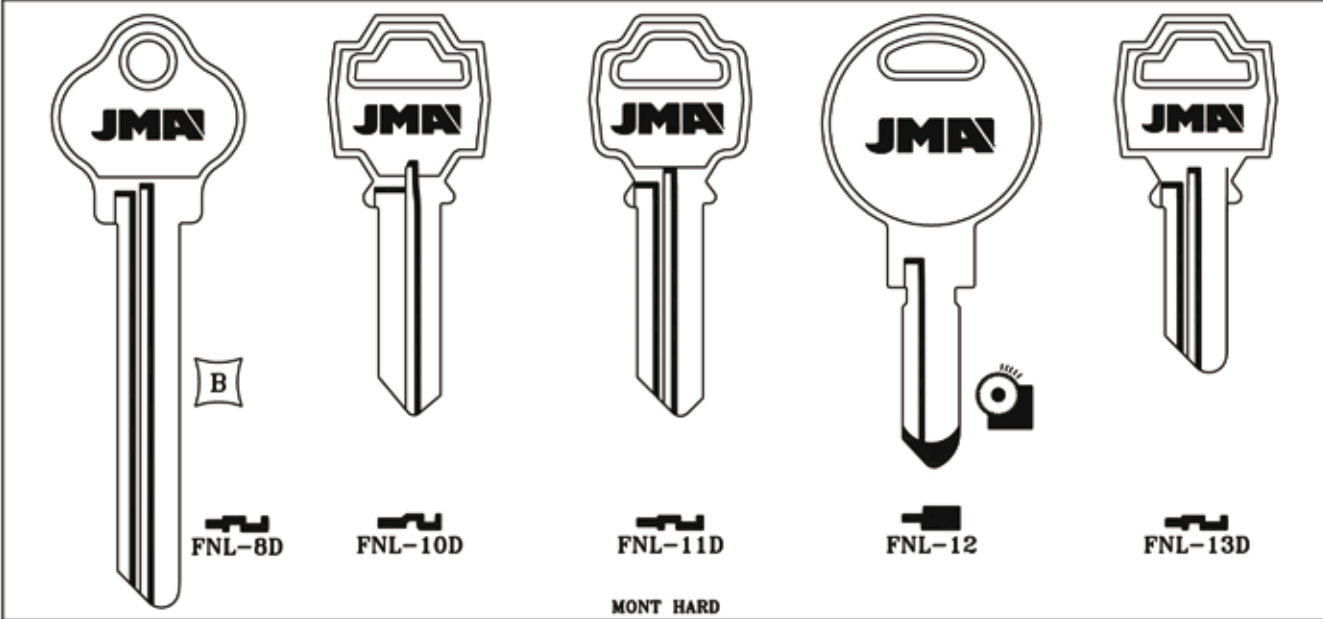
FNL-4D

FNL-5D

FNL-6

FNL-7D

FANAL



JMA

JMA

JMA

JMA

JMA

FNL-8D

FNL-10D

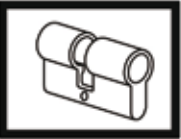
FNL-11D

FNL-12

FNL-13D

MONT HARD











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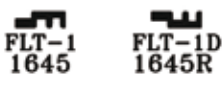
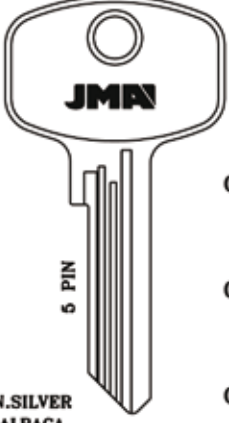
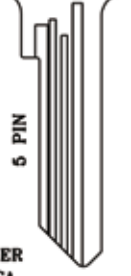
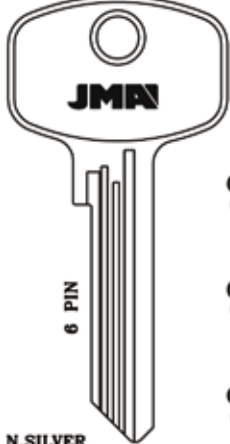
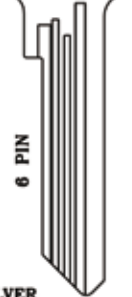
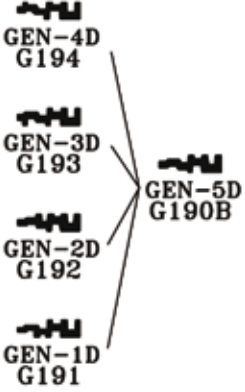
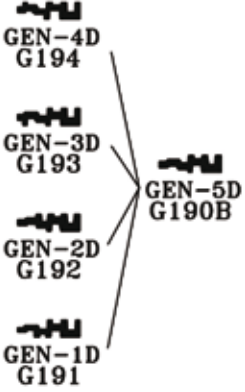


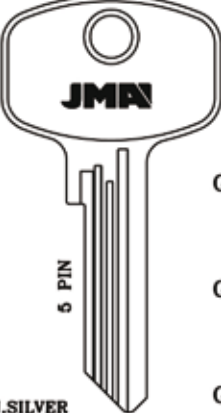
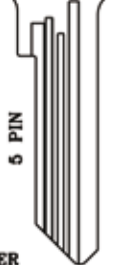
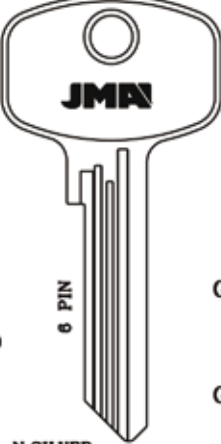

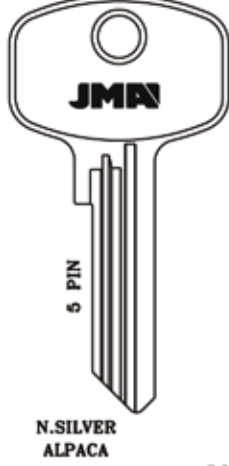
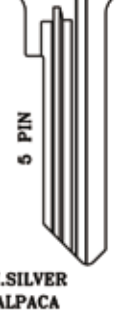
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ATTENCIÓN: Concerning the marks and commercial denominations see note in index. *ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

NORTH
AMERICAN
CYLINDER

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  FEM-4D	  FCS-1D FIC1	  FR-11D FR2	  FR-12D FR3	  FR-13 775

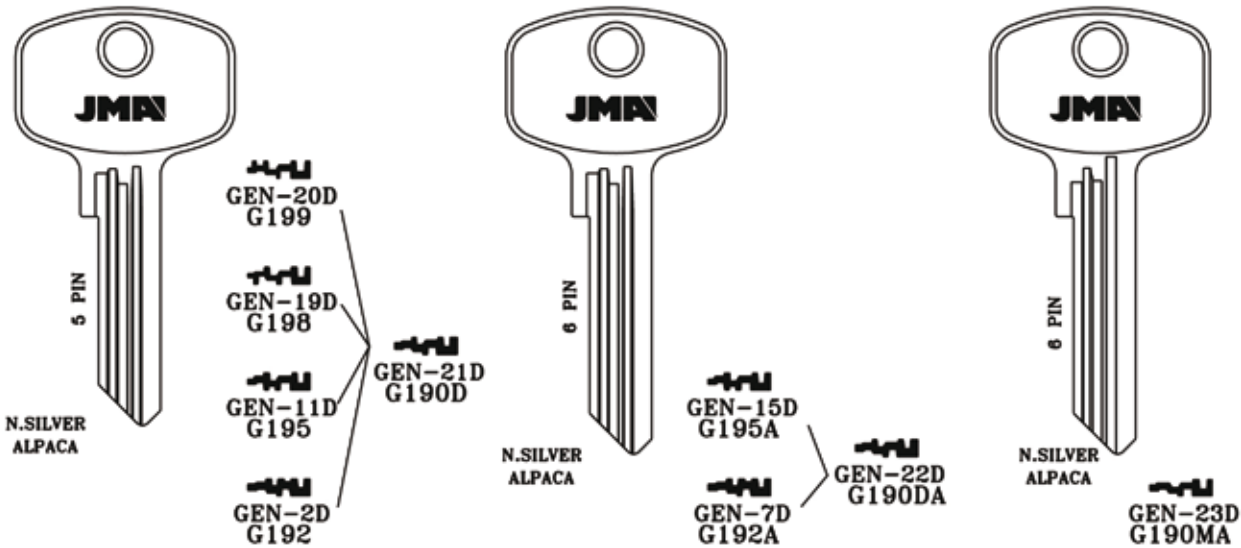
FULTON HITCH		GENERAL	
  FLT-1 1645 FLT-1D 1645R	 5 PIN N.SILVER ALPACA 	 6 PIN N.SILVER ALPACA 	 

GENERAL		
 5 PIN N.SILVER ALPACA 	 6 PIN N.SILVER ALPACA 	 5 PIN N.SILVER ALPACA 

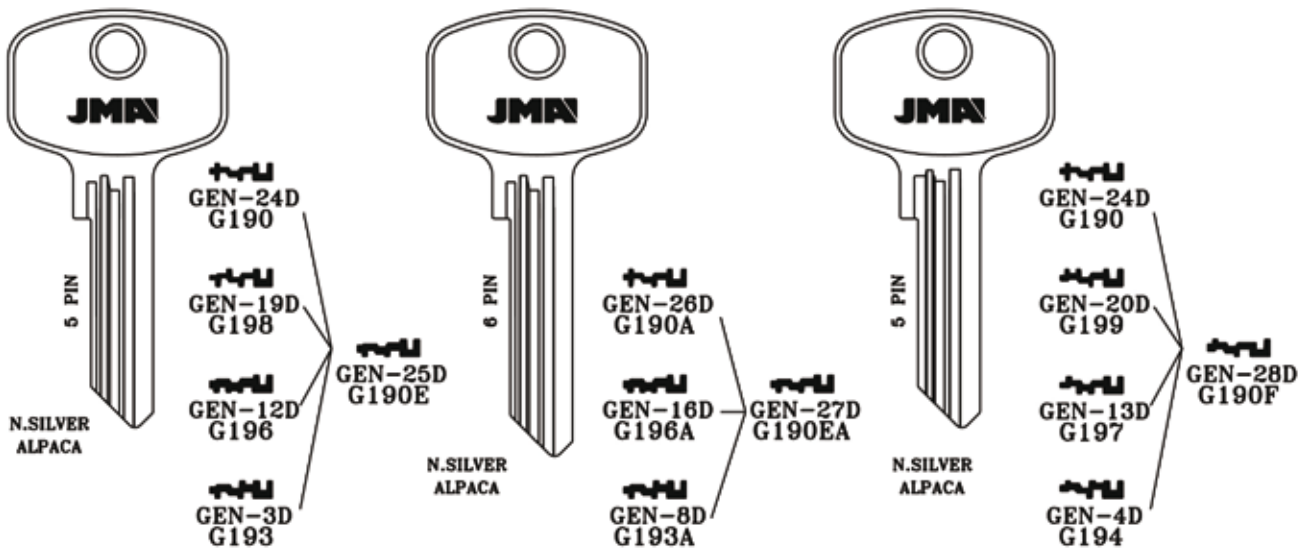
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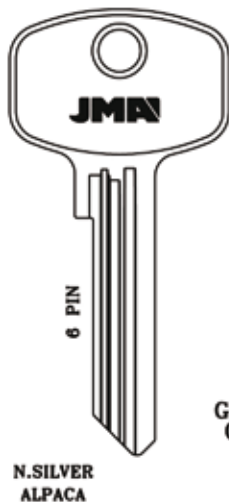

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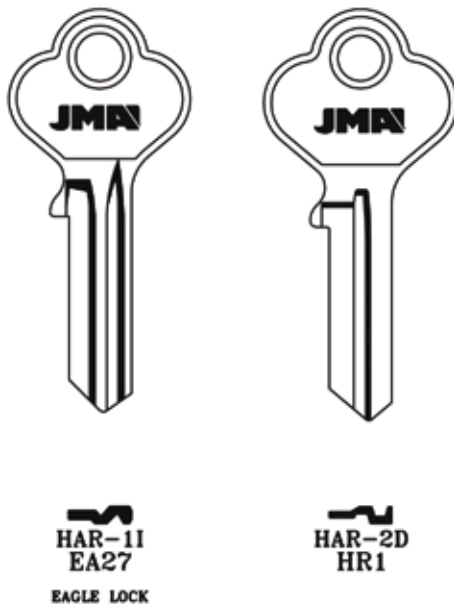
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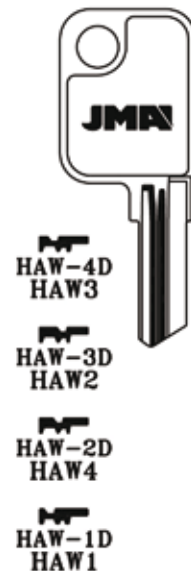
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HARLOC



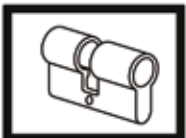
HAYWORTH



NORTH AMERICAN CYLINDER






























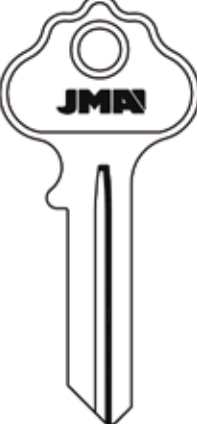
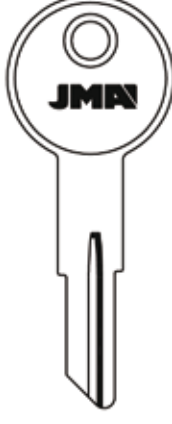








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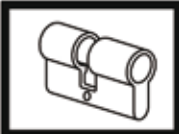
ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

NORTH
AMERICAN
CYLINDER

HERD			HUDSON		
					
 HER-1	 HER-2D	 HER-3	 HUD-3 C0106	 HUD-3D B01	 HUD-4 1098X
			BOMMER-CCL		
HUDSON		HURD		ILCO	
					
 HUD-9 1564	 HUD-8D 1563	 HRD-1 1574R	 HRD-1D 1574	 HRD-2 1536R	 HRD-2D 1536
 HUD-7 1562	 HUD-5D R01	 HRD-1 1574R		 ILC-1D 1054K	
NATIONAL CABINET		BRIGGS & STRATTON		GAS	
ILCO					
					
 ILC-8D IN35	 ILC-5D IN28	 ILC-4D IN3	 ILC-6D IN4	 ILC-7D IN8	
 ILC-2D IN33		 ILC-3 IN29		ADAMS RITE-RAD DOMINION LOCK	
















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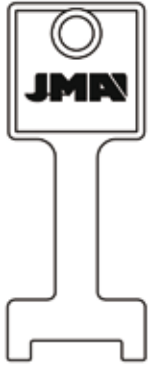









ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

NORTH AMERICAN CYLINDER

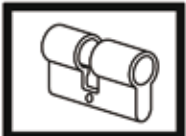
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 ILC-9D IN24 BARGMAN	 ILC-10D EL8	 ILC-11 X1054LR	 ILC-12 X1054KR	 ILC-12D X1054KF
			 ILC-13 X1055GB	 ILC-14 X1055JR
				 ILC-14D X1055JK
				 ILC-13D X1055GA
				 ILL-1 IL1

ILLINOIS				
				
 ILL-2 1043C	 ILL-3 S1042Z	 ILL-4 S1042ZM	 ILL-5 1042A	 ILL-6 1042B
	 ILL-8 S1042ZP	 ILL-9 1042Z		 ILL-10 S1042ZS
	 ILL-12 1043G		 ILL-7 1043D	 ILL-11D 1043E
				MISC. SWITCHES

IMPORT	KEIL	KIMBALL	KIMBERLY CLA.	KWIKSET
				
 IMP-1 1528R	 KEI-2 K2	 KMB-1 KB1	 KIB-1	 KWI-1K KW1
	 KEI-1 K1			DONNER - PETCO

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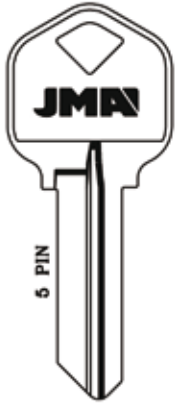
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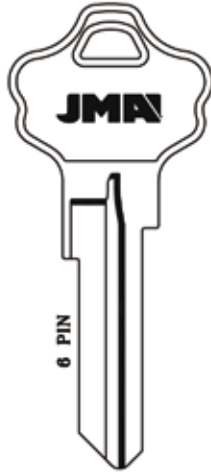
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NORTH
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CYLINDER

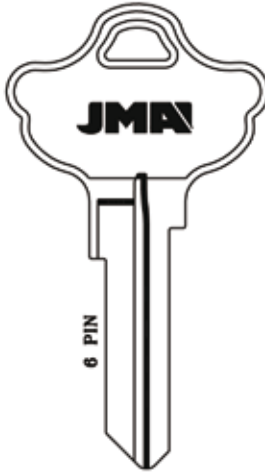
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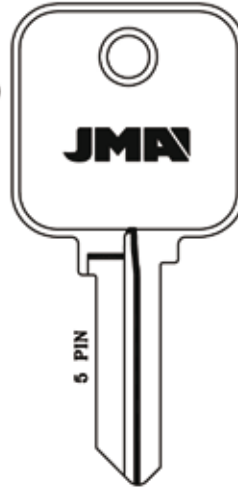
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**KW1-2D
KW10**



**KW1-3D
KW9**



**KW1-4D
HANPKW1**

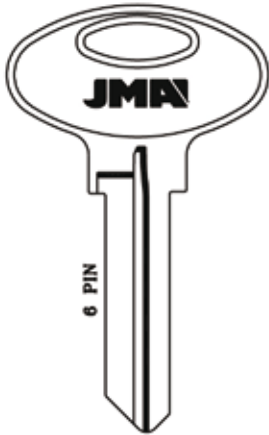


**KW1-5D
KW11**

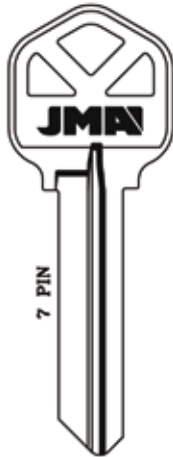
KWIKSET

LARSON DOOR

LOCK



**KW1-9D
KW5**



KW1-10D



**LRD-1
LD2** **LRD-1D
LD1**



ABU-3



**LOC-1D
1585**

LOCK



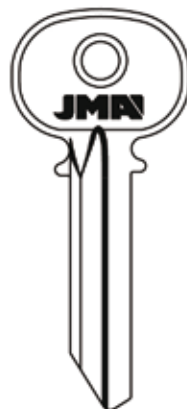
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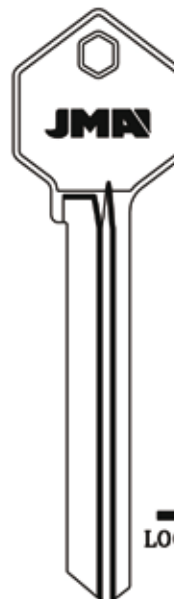
LOC-2D



LOC-3D



LOC-4D



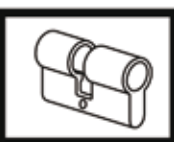
LOC-5D



LOC-6D























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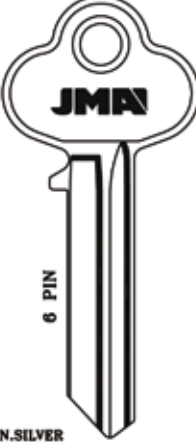




















JMA















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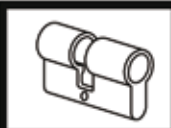
NORTH AMERICAN CYLINDER

LOCK	LOCKWOOD					
  LOC-7D	  LWO-1	  LWO-1D 1004K	  LWO-2D	  LWO-3D A1015M	 X LWO-20D A1015X	 Y LWO-21D A1015Y
				 V LWO-18D A1015V	 W LWO-19D A1015W	
				 T LWO-16D A1015T	 U LWO-17D A1015U	
				 R LWO-14D A1015R	 S LWO-15D A1015S	
				 P LWO-12D A1015P	 Q LWO-13D A1015Q	
				 L LWO-10D A1015L	 N LWO-11D A1015N	

LOCKWOOD						
 6 PIN N.SILVER ALPACA  MR LWO-3 A1015MR	 XR LWO-20 A1015XR	 VR LWO-18 A1015VR	 TR LWO-16 A1015TR	 RR LWO-14 A1015RR	 PR LWO-12 A1015PR	 LR LWO-10 A1015LR
	 YR LWO-21 A1015YR	 WR LWO-19 A1015WR	 UR LWO-17 A1015UR	 SR LWO-15 A1015SR	 QR LWO-13 A1015QR	 NR LWO-11 A1015NR
				 *LWO-23D 1004XM	 *LWO-25D 1004AXM	
				 *LWO-22D 1004AX	 *LWO-24D 1004AXA	
				 LWO-4 1004R	 LWO-5 1004AR	 LWO-5D L4

LORI	LSDA	MASTER				
  LOR-1 L01	 N.SILVER ALPACA  LOR-2D 1614	  LSD-1D EZ1	  MAS-24D M26 7000 MAS-2D M21	  MAS-11	 MAS-12D M4	 MAS-11D M5 150K MAS-3D M12

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ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerne a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

NORTH
AMERICAN
CYLINDER

MASTER



MAS-4D



MAS-6



MAS-7
M2



MAS-8
M14



MAS-9
M10

MAS-5D
M11

MAS-7D
M3

MAS-9D
M16

MASTER



*MAS-10
M1



MAS-10D
1092R



MAS-14



MAS-15.P



MAS-16D
MD17

MAS-13D
M13

MASTER



MAS-17



MAS-18D
M20



MAS-19
M19



MAS-23



MAS-25D
M25

MAS-33
1092E

MAS-33D
1092DD

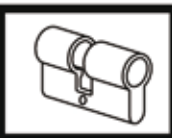
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M17






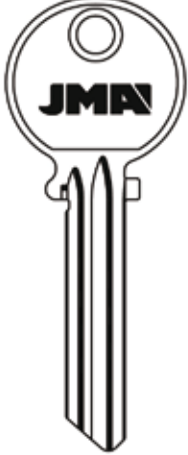





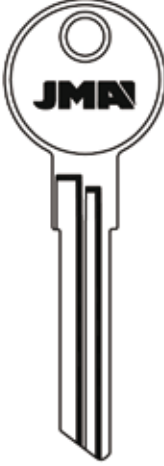















MAS-27D

MAS-26

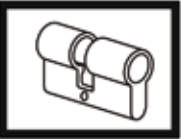
MAS-26D

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MASTER			MEDECO	
				
6000B MAS-29D	MAS-31D M18	MAS-32	MDC-1 1517	MDC-2 A1517
MEDECO			METAL ROUSSEAU	MINCRAFT
				
MDC-3D A1515	MDC-4 A1638	MDC-5 1638	MTR-1D MR1	MCP-1 1643
MZ	NATIONAL CASH REGISTER		NATIONAL CABINET	
				
MZ-1	NCR-9D 1083T	NCR-7 1083R	NCR-8 1083S	NTC-15D R015
				
	NCR-5D 1083N	NCR-6D 1083P	NCR-6D 1083P	NTC-8D R011
				
	NCR-3 1083L	NCR-4D 1083M	NCR-4D 1083M	
				
	NCR-1D 1083J	NCR-2D 1083K	NTC-1 R1069L	NTC-6 R013
				
			NTC-1D NA14	

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NATIONAL CABINET



5 PIN

NTC-24D
N1069G

NTC-22D
M1069C

NTC-10D
R03

NTC-7D
R07

NTC-23D
M1069L

NTC-21D
S1069T

NTC-9D
R05



6 PIN

NTC-20D
1069T

NTC-13D

NTC-12D

NTC-11D



NTC-14
1646R

NTC-14D
1646



NTC-16D
1069F

NORTH
AMERICAN
CYLINDER

NATIONAL CABINET

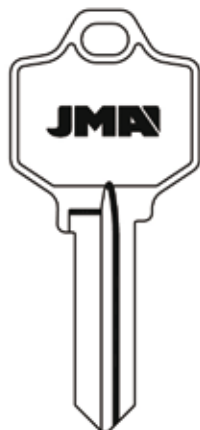


4 PIN

NTC-19D
S1069M

NTC-18D
S1069H

NTC-17D
S1069G



NTL-1D
NA25



NTL-2
1064D

NTL-2D
NA6

NATIONAL ROCKFORD

NATIONAL ROCKFORD



NTR-2D
NA12

NTR-1D
NA24



7.85 1.95
BKY-1

PHILLIPS



7.85 1.95
BKY-2



*PHI-52
PHA1

PHI-1D

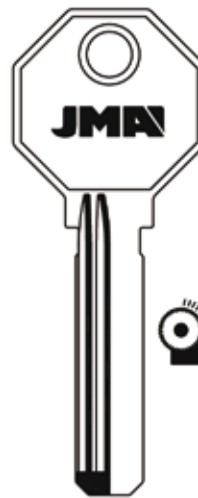


PHI-2D



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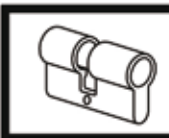
PHI-4D



PHI-5D

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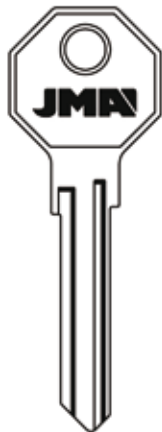
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PHILLIPS



 PHI-6



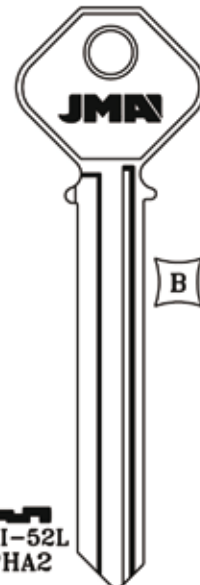
 PHI-32L



 PHI-32
PH32



 PHI-39



 PHI-52L
PHA2

PUNDRA



 PUN-1D
1866-10



 PUN-2D
1866-13

RONE



 RON-1D



 RON-4D



 RON-8D

 RON-5D

RONE



 RON-7D



 RON-6D

 RON-2D



 RON-3D

RUSSWIN



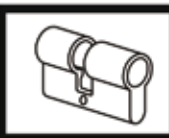
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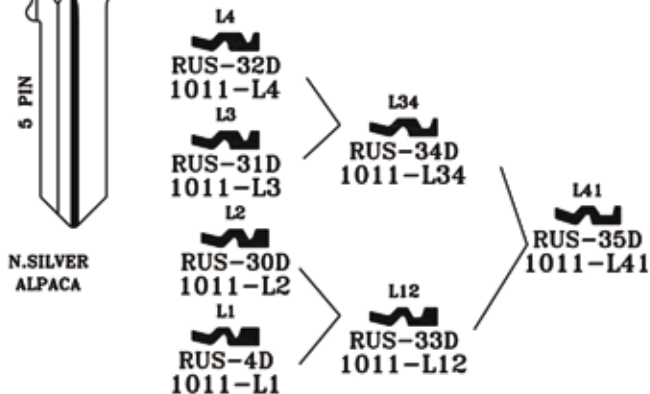
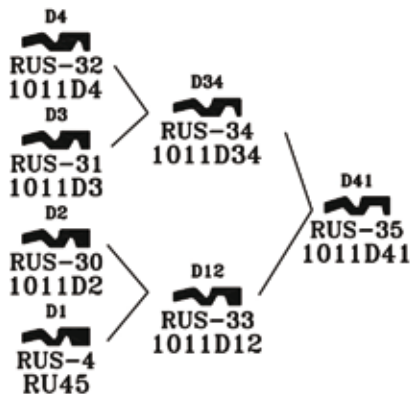
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RU4

NORTH
AMERICAN
CYLINDER

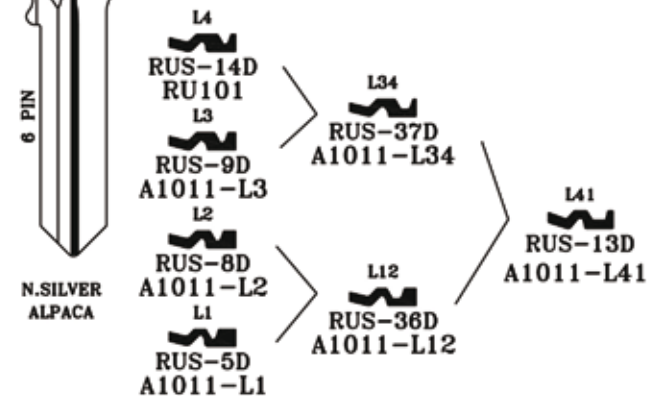
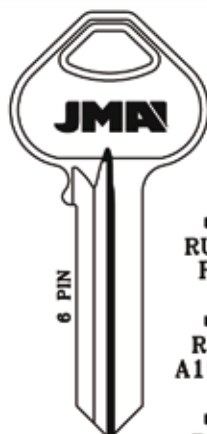
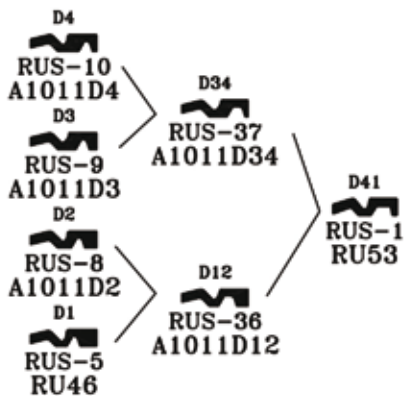
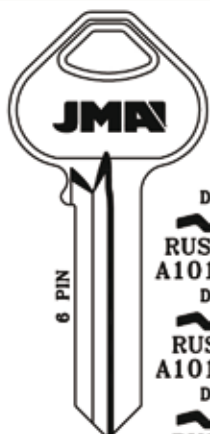
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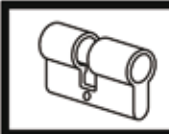
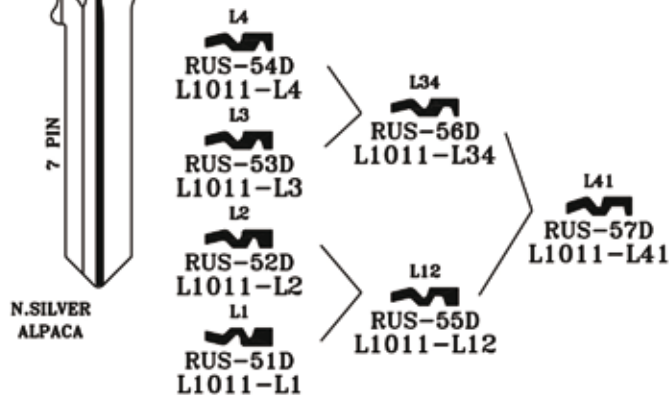
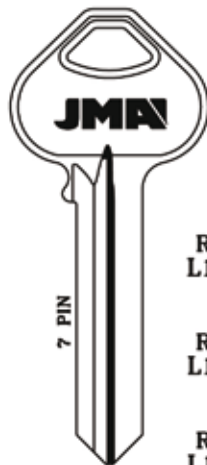
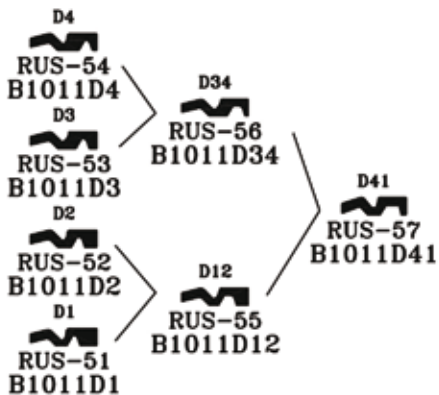
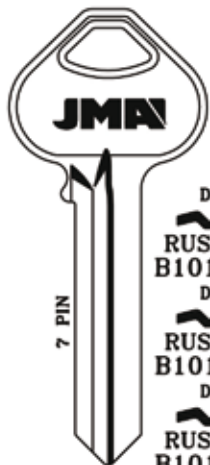
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RUSSWIN



RUSSWIN



RUSSWIN



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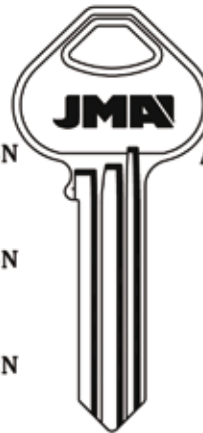
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RUS-28
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RUS-29
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RUS-25
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RUS-22
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RU22



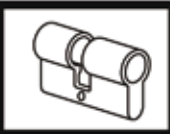
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RUS-47
RU7






















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A1011H8 | H7
RUS-43D
A1011H7 |
| H6
RUS-42D
A1011H6 | H5
RUS-41D
A1011H5 |
| H3
*RUS-40D
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*N.SILVER
ALPACA















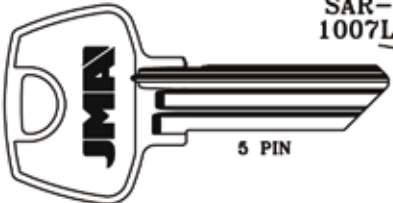



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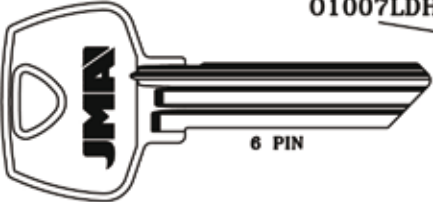

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AMERICAN
CYLINDER

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					 SAR-3D	
					 SAR-2D S68	

SARGENT

 LA SAR-8 1007LA	 LB SAR-69 1007LB	 LC SAR-70 1007LC	 LE SAR-71 1007LE	 LF SAR-72 1007LF	 LG SAR-73 1007LG	 LJ SAR-74 1007LJ	 LK SAR-75 1007LK	 LL SAR-76 1007LL
 LD SAR-77 1007LD		 LH SAR-78 1007LH			 LM SAR-79 1007LM			
 LDH SAR-80 1007LDH				 LHM SAR-81 1007LHM				
 5 PIN		 KMB SAR-6 N1007KMB				N.SILVER ALPACA		

SARGENT

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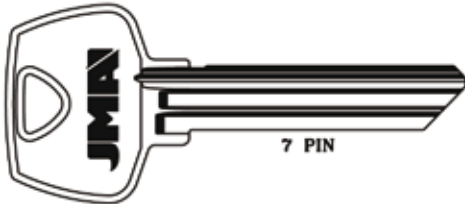
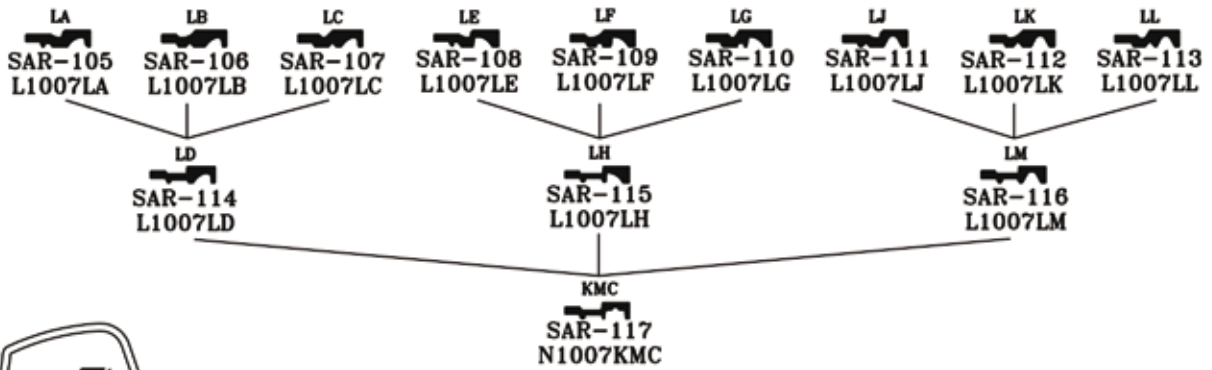
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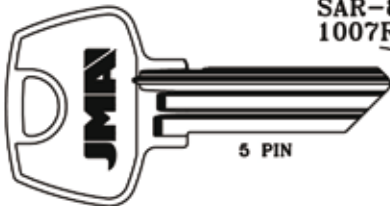
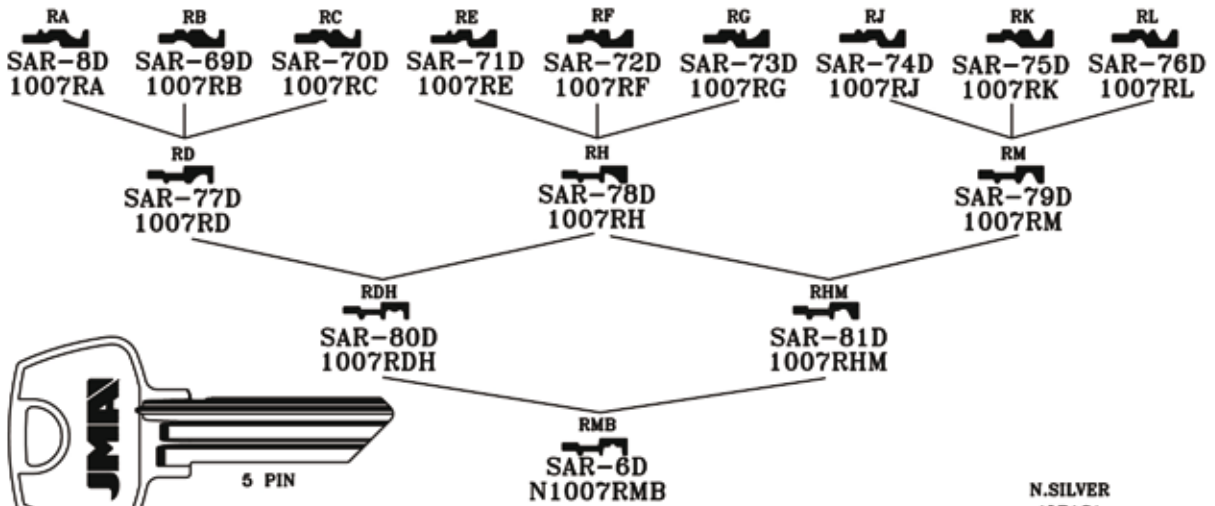
ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

SARGENT



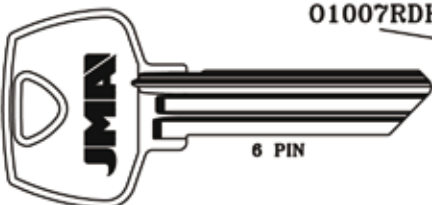
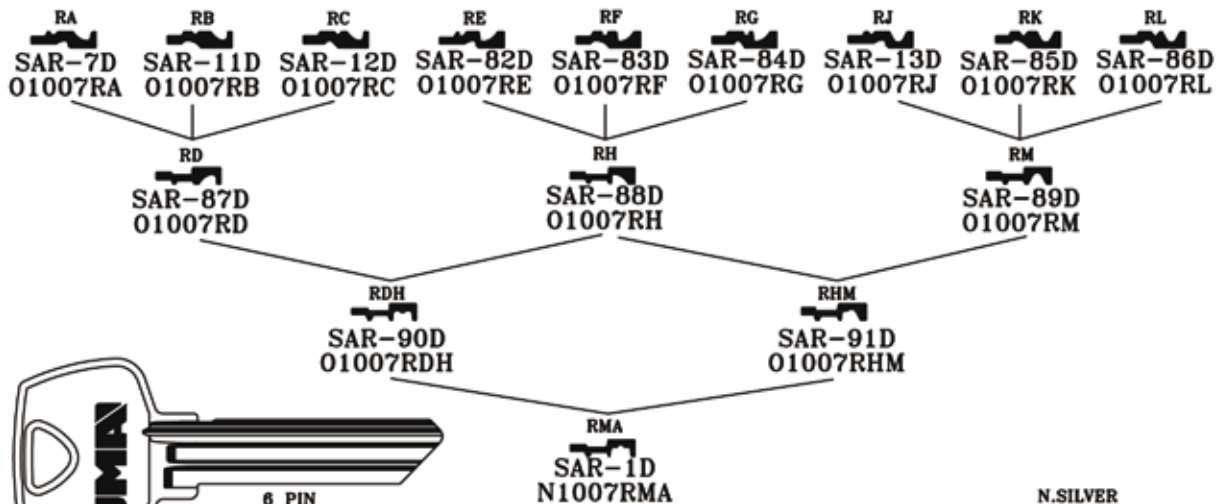
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SARGENT



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ALPACA

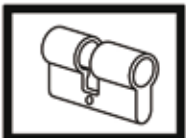
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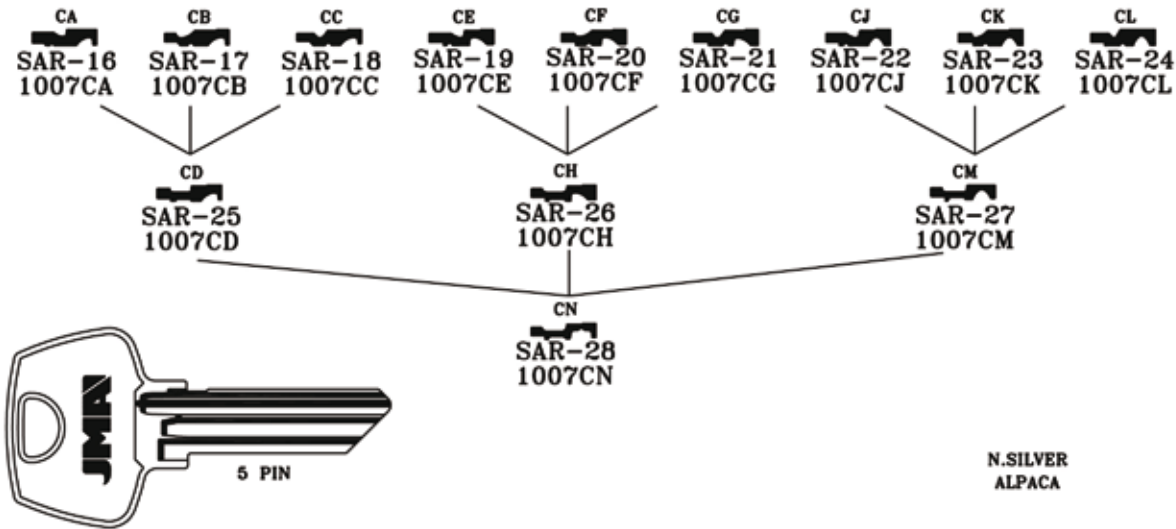
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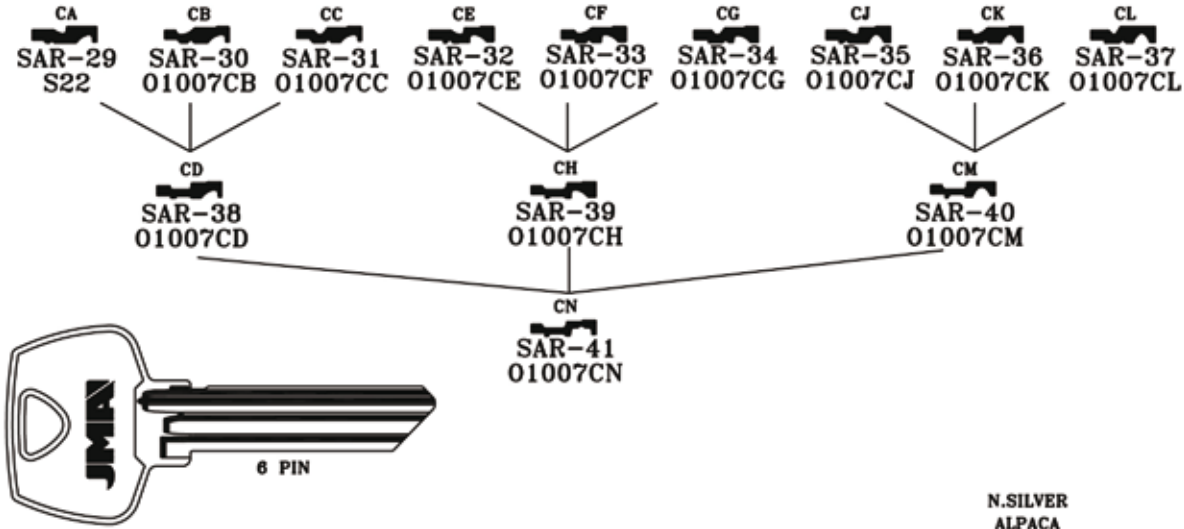
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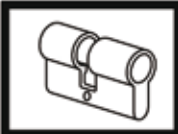
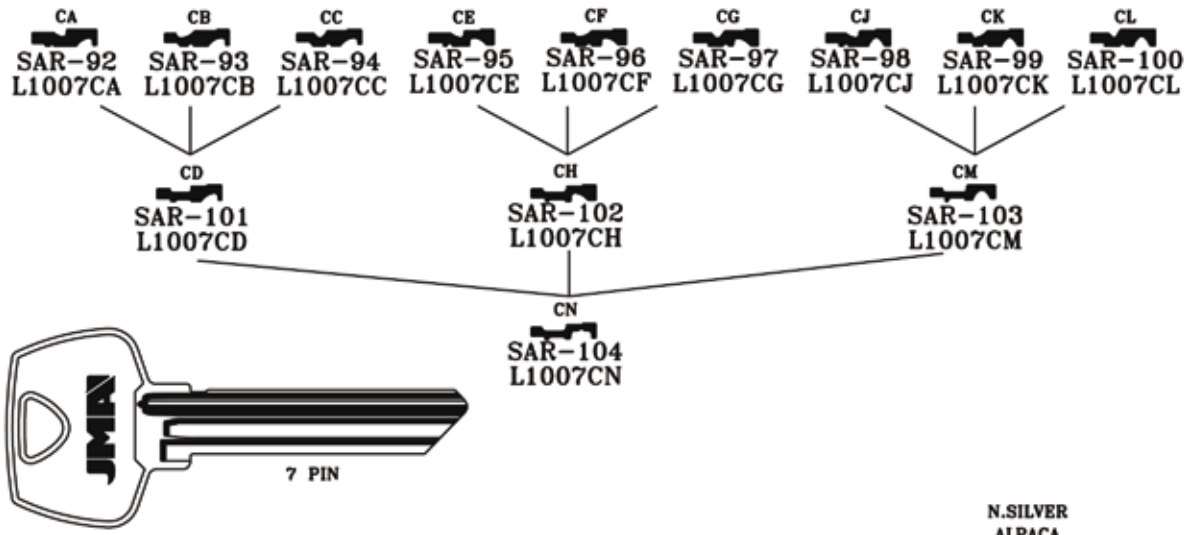
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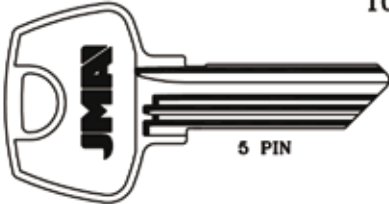
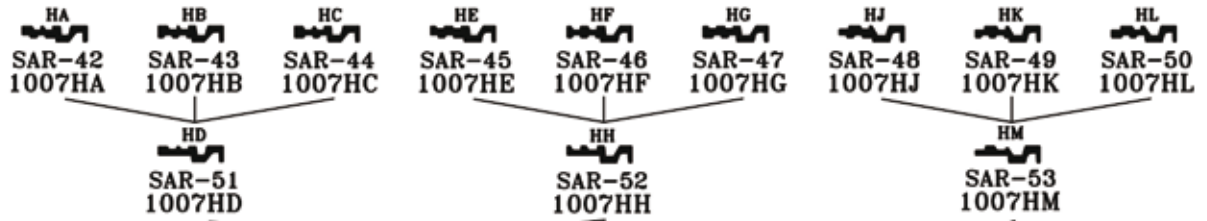


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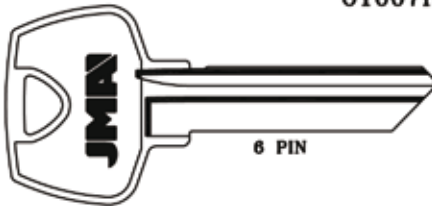
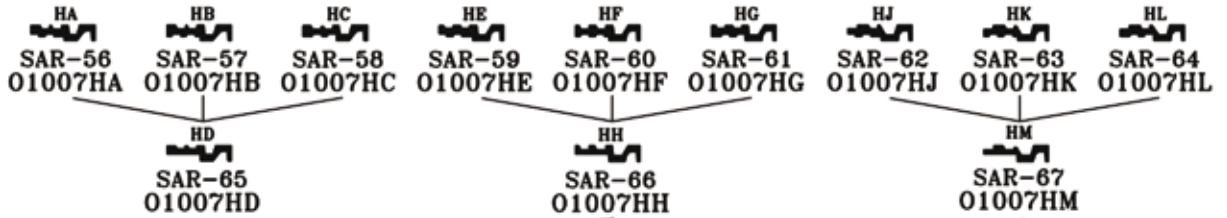
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SARGENT



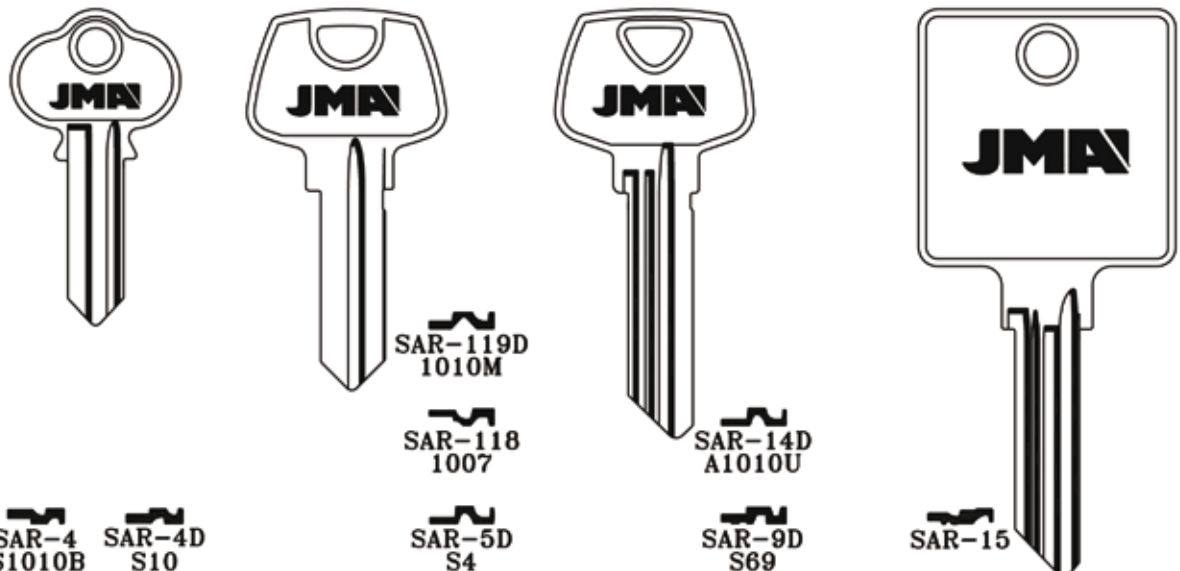
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SAR-5D S4

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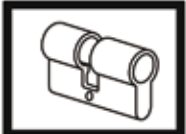
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SAR-15

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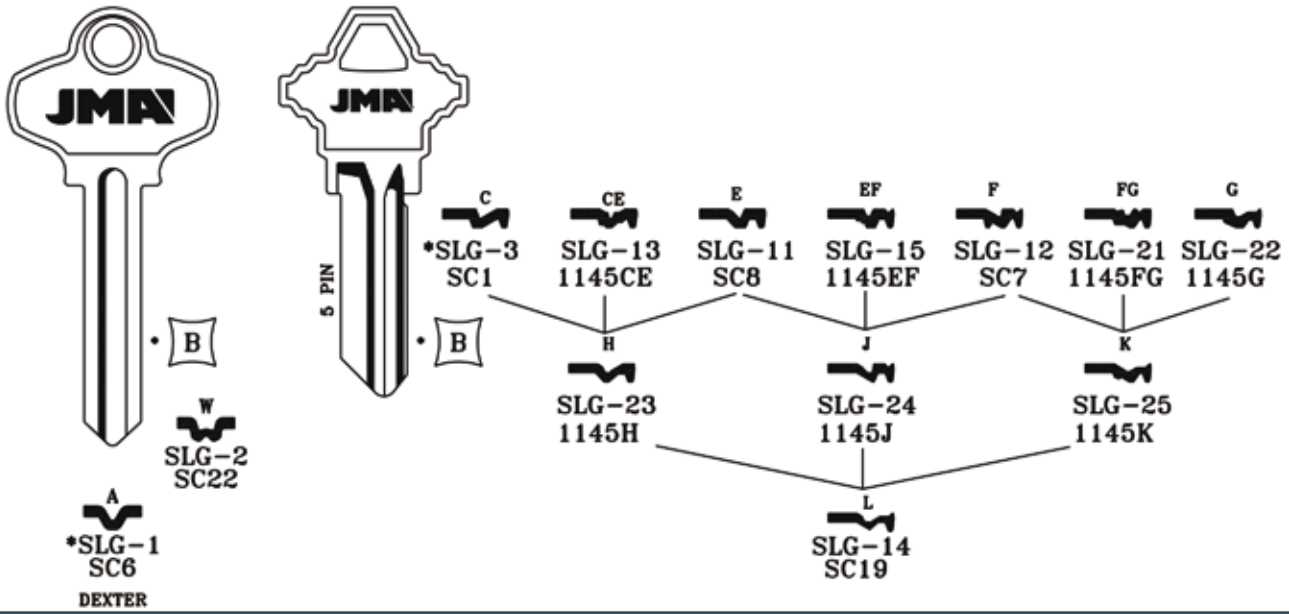
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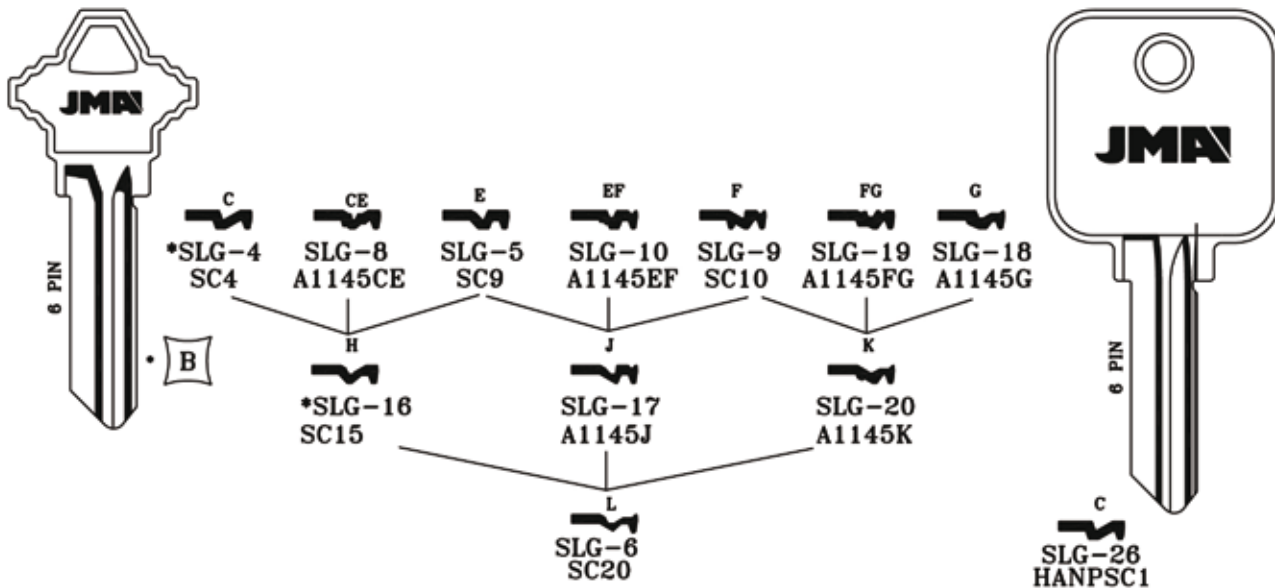
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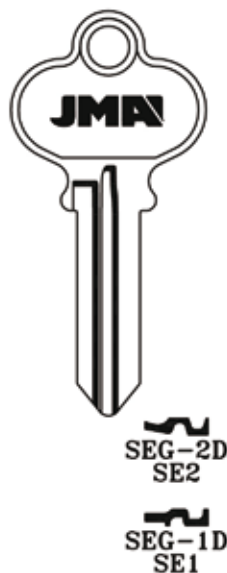
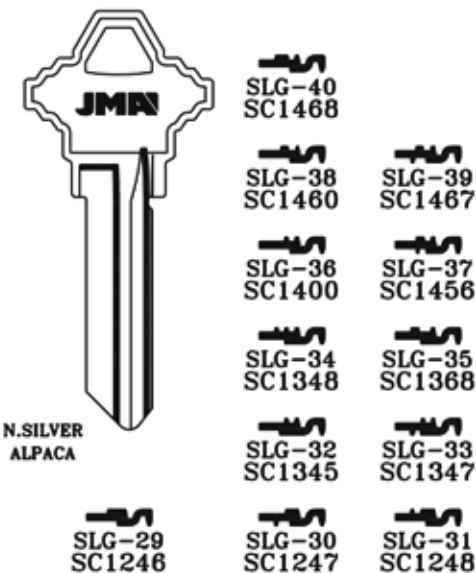
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SCHLAGE

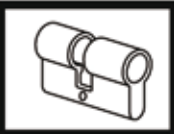
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






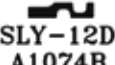
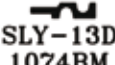
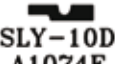
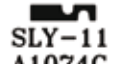
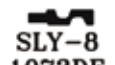
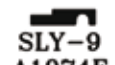
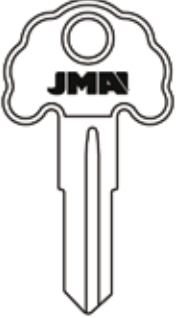
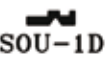

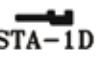

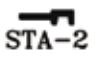

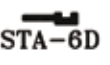















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JMA



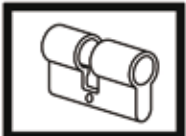
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SKILLMAN	SLAYMAKER				
 <p>JMA</p>  <p>SKI-1D SKI</p>	 <p>JMA</p>  <p>SLY-16 1120H</p>	 <p>SLY-15D 1120G</p>	 <p>SLY-14 SL20</p>	 <p>SLY-1D SL1</p>	 <p>JMA</p> <p>5 PIN</p>  <p>SLY-6 1074N</p>  <p>SLY-7D 1074B</p>  <p>SLY-4D 1074F</p>  <p>SLY-5 1074G</p>  <p>SLY-2 S1073DF</p>  <p>SLY-3 1074E</p>
GREENLEAF					
SLAYMAKER		SOUTHERN IMPERIAL	STAR		
 <p>JMA</p> <p>6 PIN</p>  <p>SLY-12D A1074B</p>  <p>SLY-13D 1074BM</p>  <p>SLY-10D A1074F</p>  <p>SLY-11 A1074G</p>  <p>SLY-8 1073DF</p>  <p>SLY-9 A1074E</p>	 <p>JMA</p>  <p>SOU-1D</p>	 <p>JMA</p>  <p>STA-1D</p>	 <p>JMA</p>  <p>STA-2</p>	 <p>JMA</p>  <p>STA-6D</p>	
SUN	TAYLOR			TESA	
 <p>JMA</p>  <p>SUN-1 1636</p>	 <p>JMA</p>  <p>TAY-1</p>	 <p>JMA</p>  <p>TAY-5D T1</p>  <p>TAY-2 1141E</p>	 <p>JMA</p>  <p>TAY-4D 1141GS</p>  <p>TAY-3 T7</p>	 <p>JMA</p>  <p>ABU-4I 191AB</p>  <p>ABU-4D</p>	













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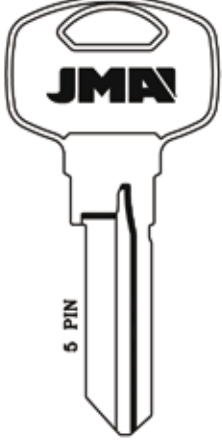
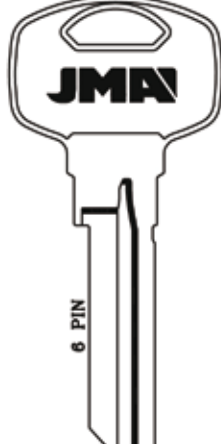








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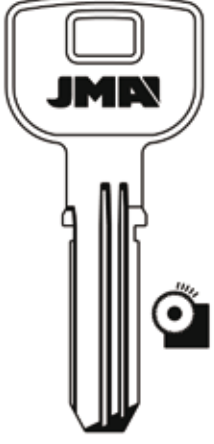

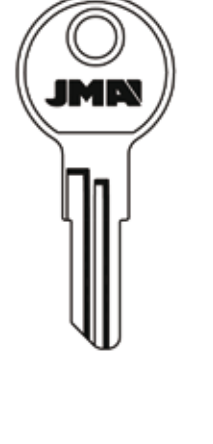



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			YALE	YALE	YALE



TESA

				
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TESA







		
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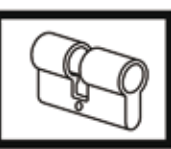

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 TRM-1 TM9		

 TRM-9D TM10	 TRM-8 TM4	 TRM-7 TM3	 TRM-6D TM2
 TRM-5D TM1	 TRM-2D TM6		

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TRIMARK **TRUPER**



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TM20



TRM-14D
TM15

TRM-11D
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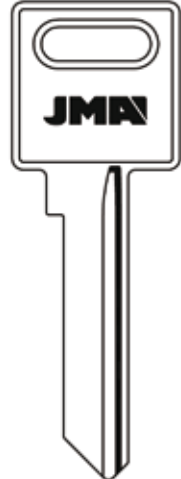
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TRU-1D



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TRUPER



TRU-11



TRU-4D



TRU-5 TRU-5D



TRU-6



TRU-7

*TRU-3D

TRUPER



TRU-8.P



TRU-9D



TRU-10.P

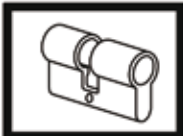


TRU-12

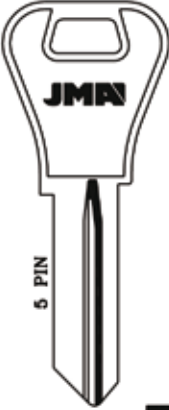
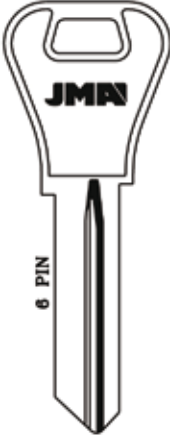
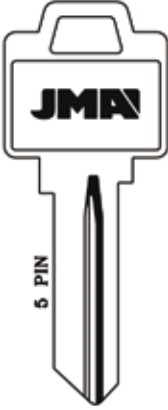

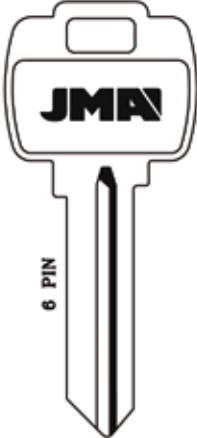
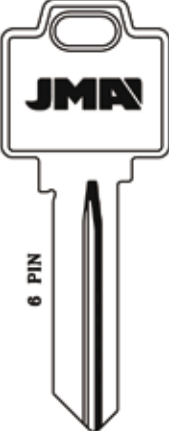
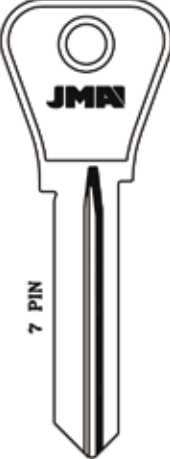
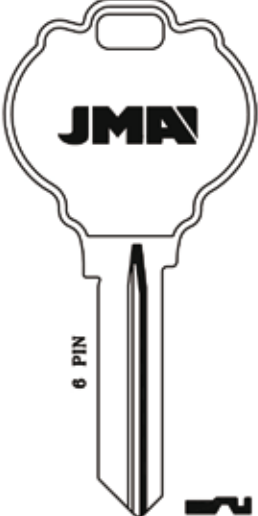









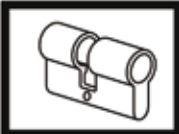
TRU-13D







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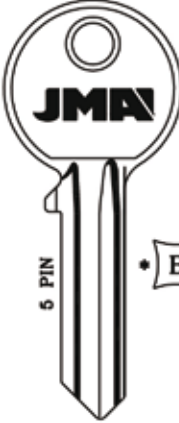
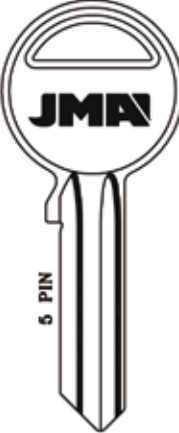
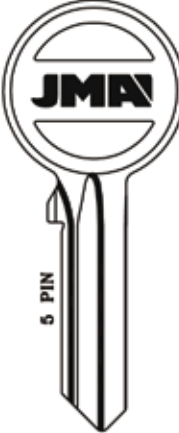







80

WEISER				
 <p>5 PIN</p> <p>JMA</p> <p>WEI-6 FL5G</p>	 <p>6 PIN</p> <p>JMA</p> <p>WEI-2 WR4</p>	 <p>5 PIN</p> <p>JMA</p> <p>WEI-3 WR5</p>	 <p>5 PIN</p> <p>JMA</p> <p>WEI-4 FA1</p>	 <p>6 PIN</p> <p>JMA</p> <p>WEI-5 FA2</p>
<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>
WEISER				WELCH
 <p>6 PIN</p> <p>JMA</p> <p>WEI-8</p>	 <p>7 PIN</p> <p>JMA</p> <p>WEI-11</p>	 <p>6 PIN</p> <p>JMA</p> <p>WEI-12</p>	 <p>JMA</p> <p>WEI-17D WR2</p>	 <p>JMA</p> <p>WLC-1D WE1</p>
<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>
WESLOCK		WILSON-BOHANNON		WIND
 <p>JMA</p> <p>WES-1D WK2</p>	 <p>JMA</p> <p>WES-3D WK1</p>	 <p>5 PIN</p> <p>JMA</p> <p>WIB-4 1071M</p>	 <p>4 PIN</p> <p>JMA</p> <p>WIB-8 1071BM</p>	 <p>JMA</p> <p>WND-1 WN1</p>
<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>	<p>FALCON</p>

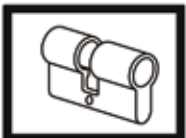


WRIGHT PRODUCTS	XL LETTER BOX	YALE			
 <p data-bbox="297 625 399 678">WRI-1D WTP1</p>	 <p data-bbox="581 625 651 678">XL-1 XL7</p>	 <p data-bbox="805 625 878 657">U-1D</p>	 <p data-bbox="984 625 1057 657">U-2D</p>	 <p data-bbox="1179 625 1252 657">U-3I</p>	 <p data-bbox="1365 625 1455 657">U-17D</p>

YALE					
 <p data-bbox="282 1056 306 1119">4 PIN</p> <p data-bbox="293 1287 383 1329">YA-2D</p>	 <p data-bbox="542 1056 566 1119">5 PIN</p> <p data-bbox="607 1024 683 1066">B</p> <p data-bbox="483 1287 573 1350">YA-11 H999R</p>	 <p data-bbox="797 1056 821 1119">5 PIN</p> <p data-bbox="899 1024 959 1066">B</p> <p data-bbox="748 1287 837 1350">YA-24I 999R</p>	 <p data-bbox="1057 1056 1081 1119">5 PIN</p> <p data-bbox="1013 1287 1102 1329">YA-69</p>	 <p data-bbox="1333 1056 1357 1119">5 PIN</p> <p data-bbox="1338 1287 1443 1329">YA-87D</p>	<p data-bbox="850 1287 956 1329">*YA-1D H999</p> <p data-bbox="850 1287 956 1329">*YA-24D</p> <p data-bbox="1110 1287 1216 1329">YA-69D</p>

YALE					
 <p data-bbox="293 1682 318 1745">5 PIN</p> <p data-bbox="305 1955 394 1997">YA-77D</p>	 <p data-bbox="553 1682 578 1745">5 PIN</p> <p data-bbox="509 1955 599 1997">YA-78</p>	 <p data-bbox="797 1682 821 1745">5 PIN</p> <p data-bbox="899 1713 943 1755">B</p> <p data-bbox="805 1955 894 1997">U-5AD</p>	 <p data-bbox="1057 1682 1081 1745">5 PIN</p> <p data-bbox="1159 1713 1203 1755">B</p> <p data-bbox="1013 1955 1102 1997">U-5CI</p>	 <p data-bbox="1333 1682 1357 1745">5 PIN</p> <p data-bbox="1435 1713 1479 1755">B</p> <p data-bbox="1284 1955 1373 1997">U-5DI</p>	<p data-bbox="1110 1955 1216 1997">*U-5CD</p> <p data-bbox="1398 1955 1487 1997">*U-5DD</p>

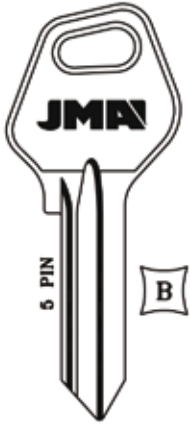
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NORTH
AMERICAN
CYLINDER

YALE



U-5JD



U-5PD



U-5XI U-5XD



YA-41 YA-41D
Y1



YA-221 *YA-22D

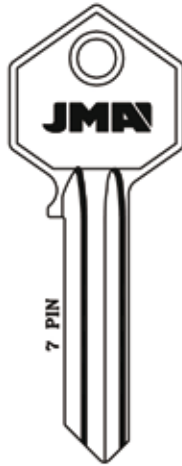
YALE



YA-137 YA-137D



YA-171 *YA-17D
Y2



YA-70 YA-70D



YA-138 YA-138D



YA-139 YA-139D

YALE



YA-33D
H997EB



YA-31 YA-3D
H997ER H997E



YA-43 YA-43D



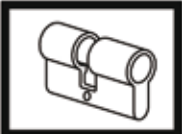
YA-51 YA-5D
HR1132 H1132



YA-61 YA-6D
X999

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JMA



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YALE



YA-63D
Y5



YA-16D
YL5



YA-8D
F1122A



YA-10 YA-10D
E1122A



YA-13I YA-13D
997ER Y52

YA-7I
R997EB

YA-7D
997B

YA-11I *YA-11D

YA-12I

YALE



YA-14I



YA-14D



YA-15I YA-15D
998A



YA-25I YA-25D
0997ER Y54



YA-26I

YA-27 YA-27D

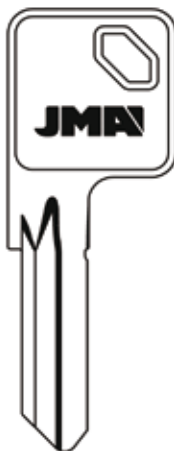
YALE



YA-28



YA-32D



YA-34D
Y1E



YA-42 YA-42D



YA-56D
01122C

YA-55 YA-55D
01122BER 01122BE

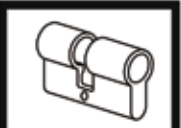
YA-54 YA-54D
01122BR Y103

YA-45 YA-45D
Y14 Y12

YA-44 YA-44D
Y13 Y11

NORTH AMERICAN CYLINDER

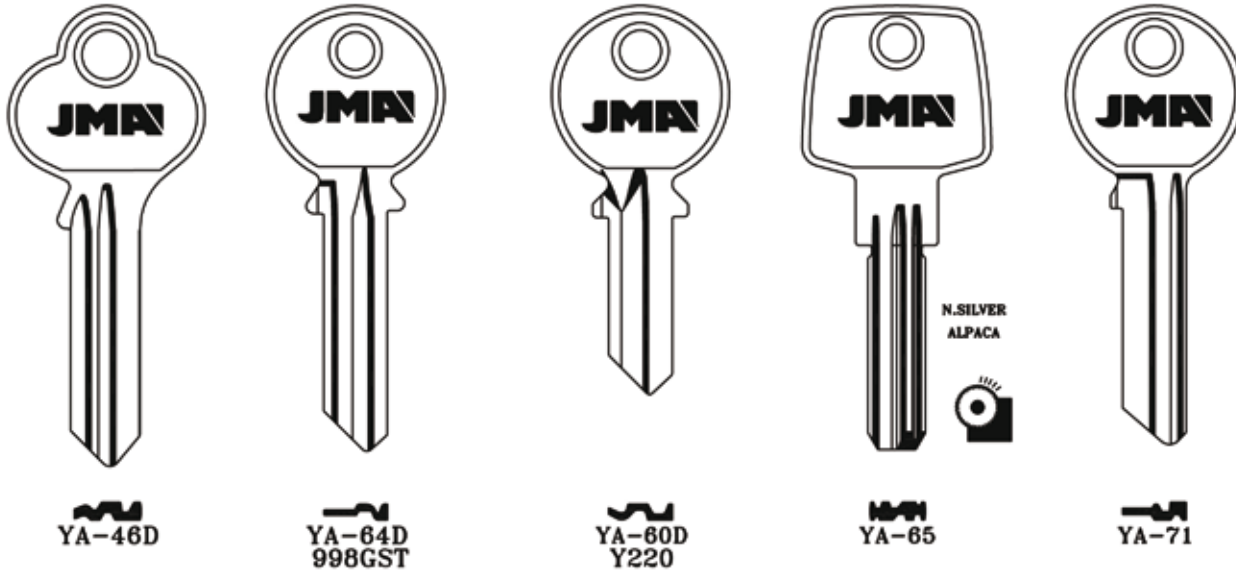
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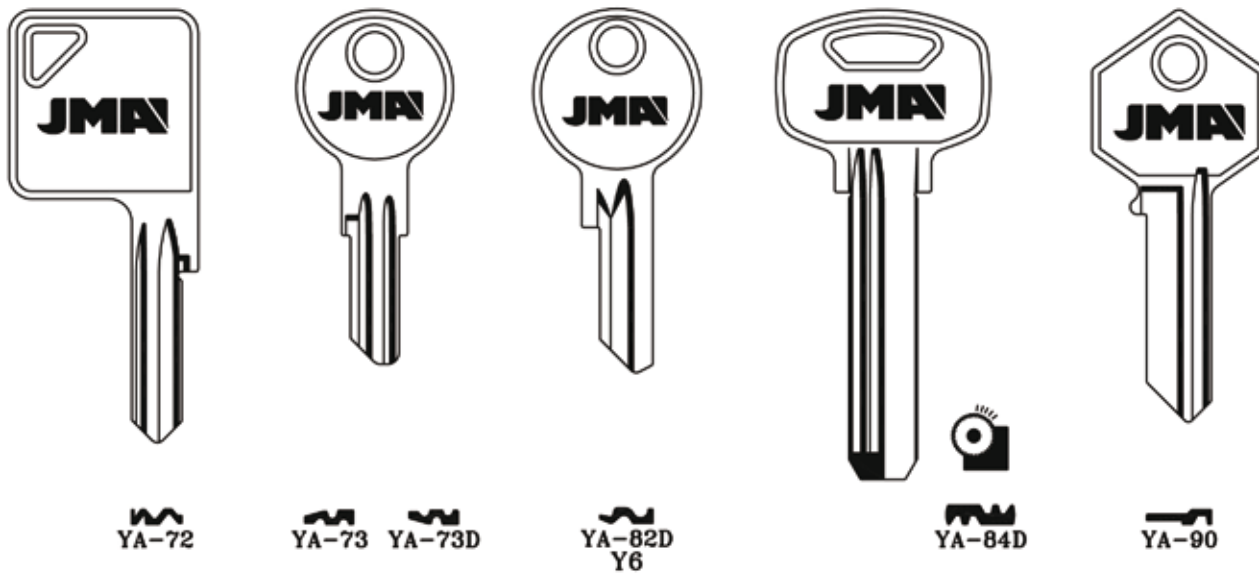
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NORTH AMERICAN CYLINDER

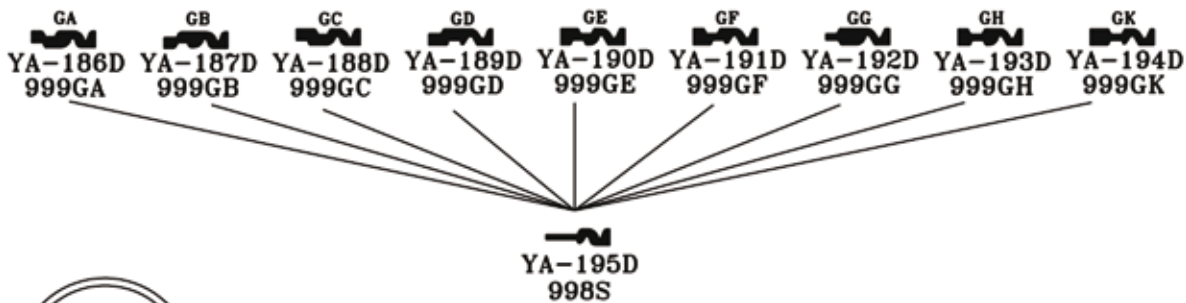
YALE



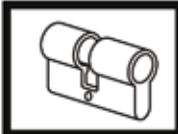
YALE



YALE



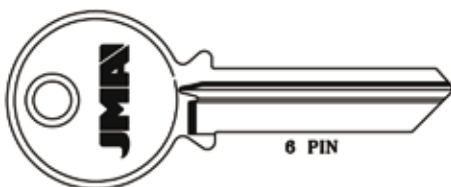
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YALE



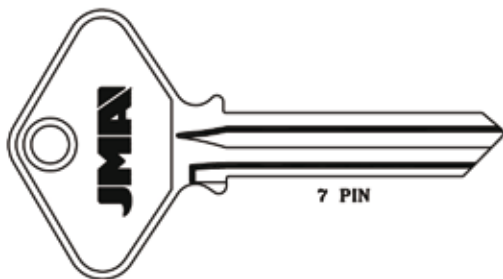
YA-80D
Y4



YALE



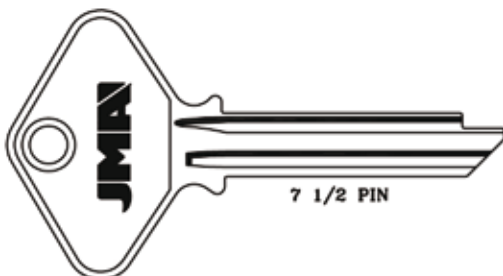
YA-205D
998A



YALE

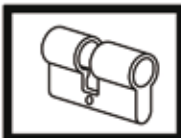


YA-165D
H998



NORTH
AMERICAN
CYLINDER

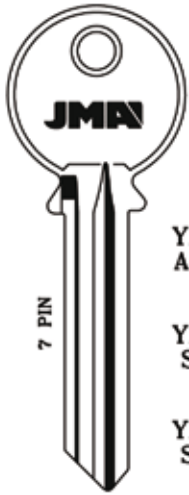
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NORTH AMERICAN CYLINDER

YALE



YA-238D
A998GST

GC
YA-237D
S998GC

GB
YA-236D
S998GB

GA
YA-235D
S998GA



PK
YA-247D
998PK

PG
YA-245D
998PG

PE
YA-243D
998PE

PC
YA-241D
998PC

PA
YA-239D
998PA

PH
YA-246D
998PH

PF
YA-244D
998PF

PD
YA-242D
998PD

PB
YA-240D
998PB



JK
YA-256D
997JK

JG
YA-254D
997JG

JE
YA-252D
997JE

JC
YA-250D
997JC

JA
YA-248D
997JA

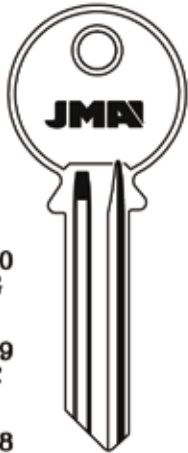
JH
YA-255D
997JH

JF
YA-253D
997JF

JD
YA-251D
997JD

JB
YA-249D
997JB

YALE



ZG
YA-260
998ZG

ZC
YA-259
998ZC

ZB
YA-258
998ZB

ZA
YA-257
998ZA



VH
YA-267
999VH

VE
YA-265
999VE

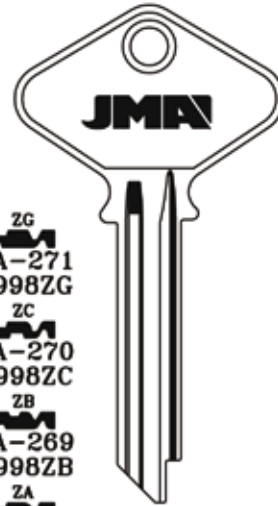
VC
YA-263
999VC

VA
YA-261
999VA

VG
YA-266
999VG

VD
YA-264
999VD

VB
YA-262
999VB



ZG
YA-271
H998ZG

ZC
YA-270
H998ZC

ZB
YA-269
H998ZB

ZA
YA-268
H998ZA

YALE

VA
YA-57
998VA

VB
YA-58
998VB

VC
YA-59
998VC

VD
YA-91
998VD

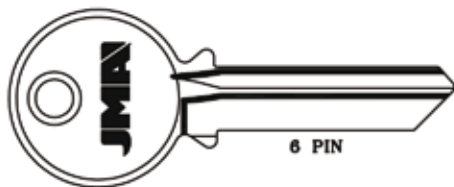
VE
YA-92
998VE

VF
YA-93
998VF

VG
YA-94
998VG

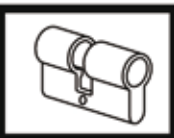
VH
YA-95
998VH

VK
YA-96
998VK



YA-80
998R

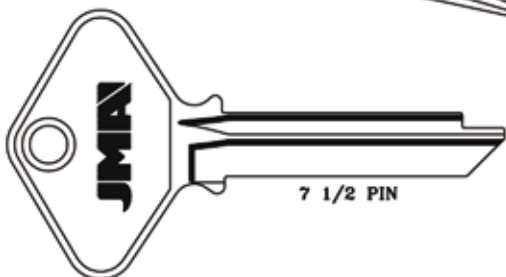
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YALE

- 
VA
YA-156
H998VA
- 
VB
YA-157
H998VB
- 
VC
YA-158
H998VC
- 
VD
YA-159
H998VD
- 
VE
YA-160
H998VE
- 
VF
YA-161
H998VF
- 
VG
YA-162
H998VG
- 
VH
YA-163
H998VH
- 
VK
YA-164
H998VK



YA-165
H998R

7 1/2 PIN

YALE

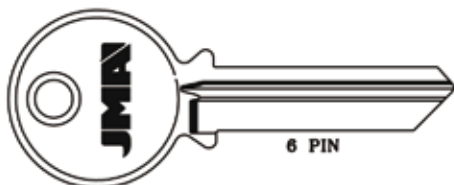
- 
LA
YA-206D
999LA
- 
LB
YA-207D
999LB
- 
LC
YA-208D
999LC
- 
LD
YA-209D
999LD
- 
LE
YA-210D
999LE
- 
LF
YA-211D
999LF
- 
LG
YA-212D
999LG
- 
LH
YA-213D
999LH
- 
LK
YA-214D
999LK



5 PIN

YALE

- 
LA
YA-97D
998LA
- 
LB
YA-98D
998LB
- 
LC
YA-99D
998LC
- 
LD
YA-100D
998LD
- 
LE
YA-101D
998LE
- 
LF
YA-102D
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LG
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998LG
- 
LH
YA-104D
998LH
- 
LK
YA-105D
998LK

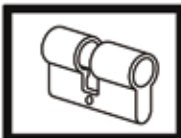


GL
YA-106D
998GL

6 PIN

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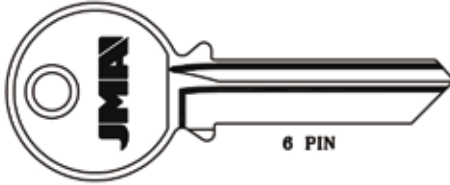
88

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

YALE

- YA YA-107 998YA
- YB YA-108 998YB
- YC YA-109 998YC
- YD YA-110 998YD
- YE YA-111 998YE
- YF YA-112 998YF
- YG YA-113 998YG
- YH YA-114 998YH
- YK YA-115 998YK

YMK
YA-116
998YMK

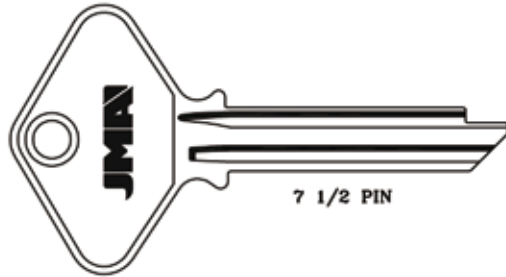


6 PIN

YALE

- YA YA-146 H998YA
- YB YA-147 H998YB
- YC YA-148 H998YC
- YD YA-149 H998YD
- YE YA-150 H998YE
- YF YA-151 H998YF
- YG YA-152 H998YG
- YH YA-153 H998YH
- YK YA-154 H998YK

YMK
YA-155
H998YMK

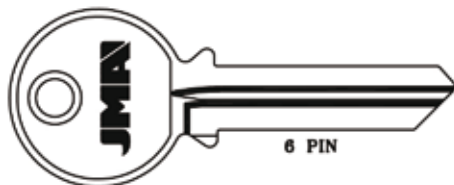


7 1/2 PIN

YALE

- SA YA-117D 998SA
- SB YA-118D 998SB
- SC YA-119D 998SC
- SD YA-120D 998SD
- SE YA-121D 998SE
- SF YA-122D 998SF
- SG YA-123D 998SG
- SH YA-124D 998SH
- SK YA-125D 998SK

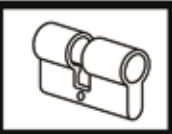
SMK
YA-126D
998SMK



6 PIN

NORTH
AMERICAN
CYLINDER

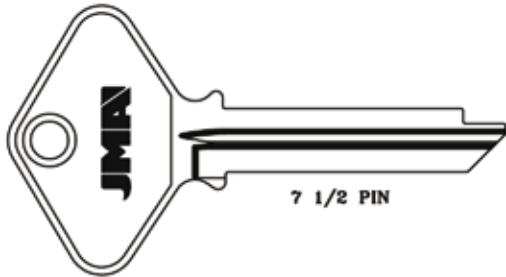
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YALE

 SA YA-176D H998SA	 SB YA-177D H998SB	 SC YA-178D H998SC	 SD YA-179D H998SD	 SE YA-180D H998SE	 SF YA-181D H998SF	 SG YA-182D H998SG	 SH YA-183D H998SH	 SK YA-184D H998SK
--	--	--	--	--	--	--	--	--

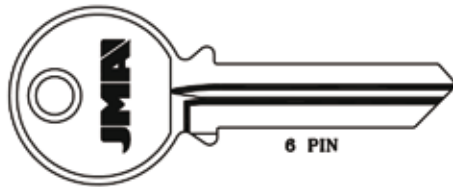


7 1/2 PIN


SMK
YA-185D
H998SMK

YALE

 TA YA-127D 998TA	 TB YA-128D 998TB	 TC YA-129D 998TC	 TD YA-130D 998TD	 TE YA-131D 998TE	 TF YA-132D 998TF	 TG YA-133D 998TG	 TH YA-134D 998TH	 TK YA-135D 998TK
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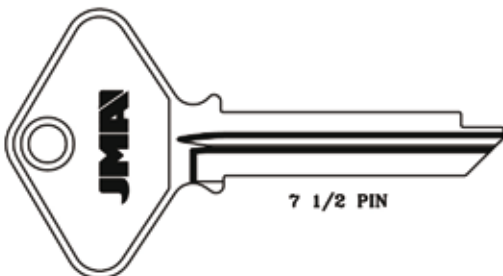


6 PIN


TMK
YA-136D
998TMK

YALE

 TA YA-166D H998TA	 TB YA-167D H998TB	 TC YA-168D H998TC	 TD YA-169D H998TD	 TE YA-170D H998TE	 TF YA-171D H998TF	 TG YA-172D H998TG	 TH YA-173D H998TH	 TK YA-174D H998TK
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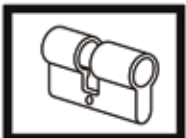


7 1/2 PIN


TMK
YA-175D
H998TMK

NORTH AMERICAN CYLINDER

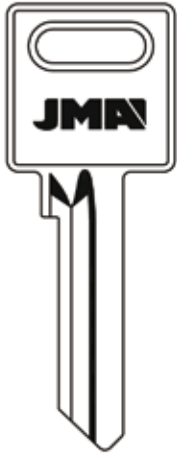
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90

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

YALE



YA-75D



5 PIN

B
CE
SCO-3
E
SCO-2
C
+SCO-1

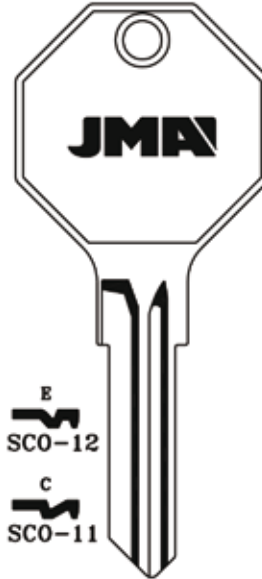
SCOVILL



6 PIN

CE
SCO-6
E
SCO-5
C
SCO-4

SCOVILL



E
SCO-12
C
SCO-11

SCOVILL

YALE



S1
SCO-14

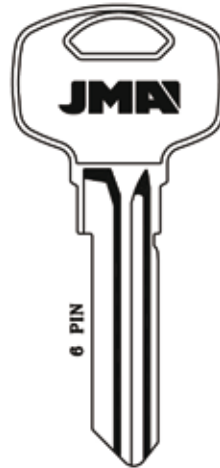
SCOVILL



5 PIN

C
SCO-15

SCOVILL



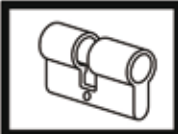
6 PIN

C
SCO-16

SCOVILL

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AMERICAN
CYLINDER

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
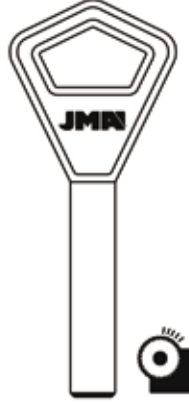







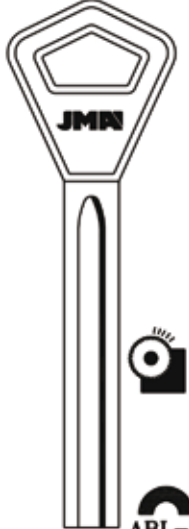

INTERNATIONAL CYLINDER













*CILINDRO INTERNACIONAL
CYLINDRE INTERNATIONAL*





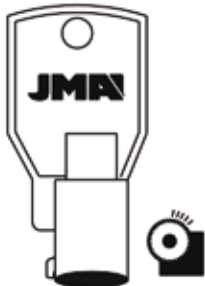

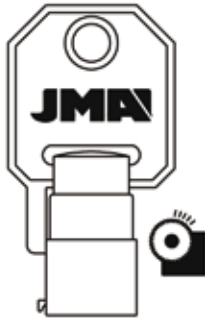





THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerne a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

ABSA	ABLOY				
  AB-1D	  ABL-1 AL1	  ABL-2	  ABL-3	  ABL-4	  ABL-5

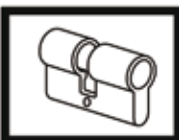
ABUS					
  ABU-14	  ABU-20	  ABU-121 AB14	  ABU-222D	  ABU-23D	  ABU-28

ABUS		AGA		
  ABU-40 AB15	  ABU-56	  AGA-1T	  AGA-2T	  AGA-4D

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JMA



AGA



D
501-526
AGA-19I

B
501-526
AGA-18I

D
901-926
AGA-8I

B
901-926
AGA-5I

C
501-526
AGA-19D

A
501-526
AGA-18D

C
901-926
AGA-8D

A
901-926
AGA-5D



AGA-9I



AGA-12



AGA-38

ALIANCA



ALC-1D



ALC-2D

AMIG



5000
AMG-8D



2500
AMG-9D



4900
AMG-10D

APEX



AP-1D

AROUCA



ARO-1D



ARO-2

ASHICO



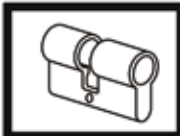
ASH-4

ASH-1










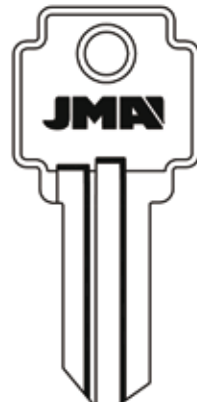
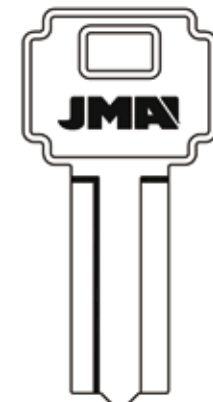


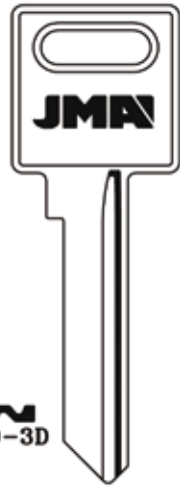







ASH-2

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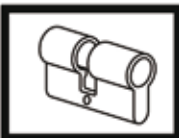


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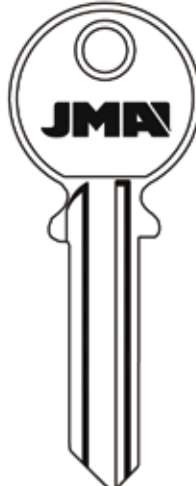






















ASHICO		ASIA		AZBE	
 <p>ASH-3D</p>	 <p>N.SILVER ALPACA</p> <p>ASH-5</p>	 <p>ASI-1</p>	 <p>N.SILVER ALPACA</p> <p>AZ-8D</p>	 <p>AZ-12</p>	 <p>AZ-9</p>
				IFAM	
				ASHICO	
				AZ-9D	
AZBE		BILMA		BREVETTO	
 <p>AZ-14</p>	 <p>AZ-17D</p>	 <p>BIL-1T</p>	 <p>BRE-1 R62B</p>	 <p>BRE-1D B62B</p>	 <p>BRE-2 61B</p>
		 <p>BIL-1T</p>			
CANTOL		CASH BOX		CES	
 <p>CTO-3D</p>	 <p>CTO-1</p>	 <p>CTO-2</p>	 <p>CSB-2D</p>	 <p>CE-5D ST91A</p>	 <p>CE-114</p>

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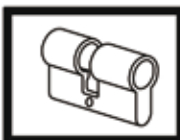


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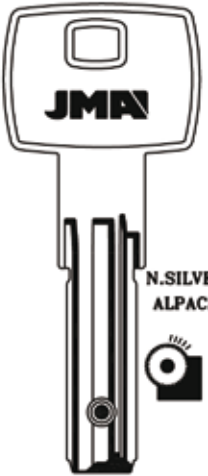









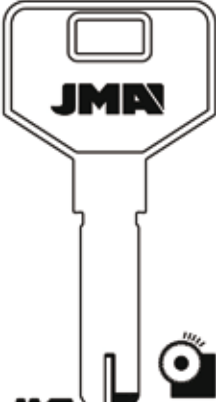
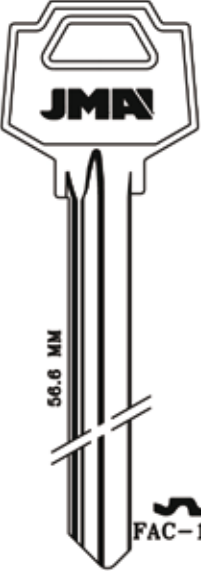



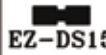



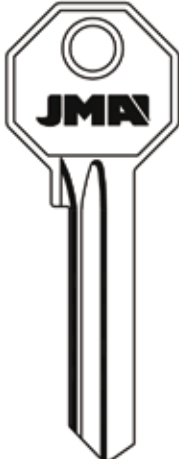

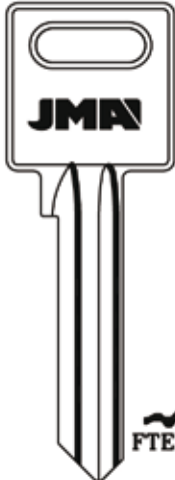
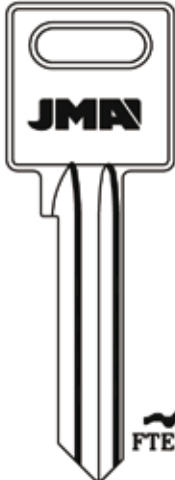





CINA	CISA								
									
 ALI-1	 CI-1D	 CI-4I NSR9CS	 CI-4D NS9CS	 CI-4IP CS91C	 CI-4DP CS91CR	 CI-5IP CS91ER	 CI-5DP CS91E		
CISA									
									
 CI-17	 CI-25			 CI-40					
 CI-14	 CI-21	 CI-24 AB1	 CI-28D 9CX	 *CI-1L R9CS	 *CI-DL 9CS				
ABUS-ASTRAL-BRICARD		ABUS-ASTRAL-AXIS							
CVL					DIAMOND				
									
 CVL-1I CVL1	 CVL-1D CVL1R	 CVL-5I	 N.SILVER ALPACA CVL-9D	 DIA-1	 DIA-4				

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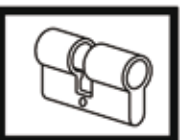


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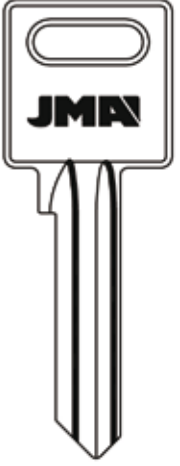

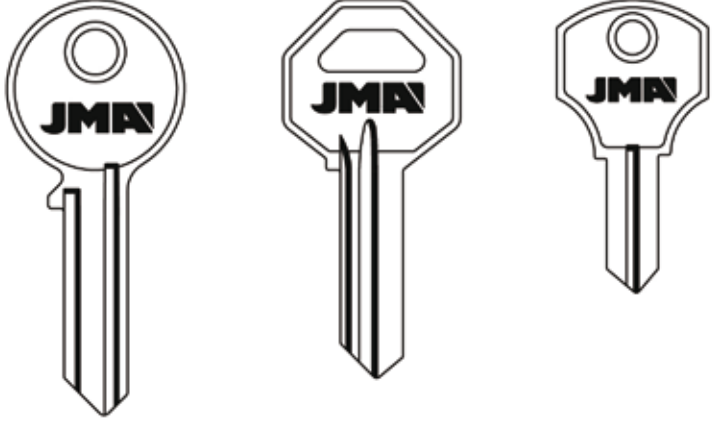



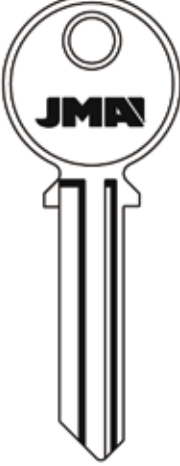
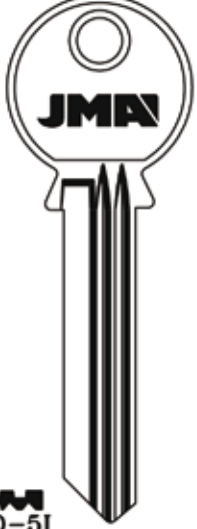

DEKABA		DOM			DURALOCK
	 N.SILVER ALPACA	 N.SILVER ALPACA			
 DEK-13 MAUER	 DOM-171	 DOM-B1	 DOM-25D	 DUR-1D	
EUROLATON	EURO LOCKS	EZCURRA	FAC	FECHADURA	
		 EZ-DS15R	 58.6 MM 9.95		
 EUL-1D	 EU-1	 EZ-DS15	 FAC-14D	 FEC-4D STAM	
FECHADURA	FERP	F.F.	FORTE		
					
 FEC-5 STAM	 FRP-1D	 FF-3	 FTE-1	 FTE-1D	

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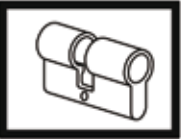


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FORTE		FTH		GATO		
						
<p>FTE-3 FTE-3D</p>		<p>FTH-7</p>		<p>GAT-1 GAT-2D GAT-3D</p>		
GATO		GIUSSANI		GLOBE		
						
<p>GAT-4D</p>		<p>GIU-1 SIM2</p>		<p>GLO-11 GLO-1D GLO-2 GLO-2D GLO-3 GLO-3D</p>		
GLOBE						
						
<p>GLO-4I GLO-4D</p>		<p>GLO-5I</p>		<p>GLO-6 GLO-6D GLO-7 GLO-7D GLO-9D</p>		

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100

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GLOBE



GLO-10
GB4



GLO-13D
DEXTER



GLO-14



GLO-15



GLO-16 GLO-16D

GLOBE



GLO-17 GLO-17D



GLO-18



GLO-19 GLO-19D



GLO-20



GLO-21

HAFELE



HAF-2 HAF-2D

HUWIL



N
HUW-N
HU3

IFAM



IF-3.P



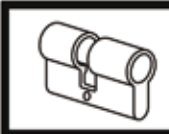
IF-120



IF-35
IF3S

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JMA

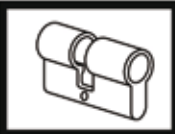


IFAM		ISEO		JEN-WEI		KABA	
						N.SILVER ALPACA	
IF-45/55 IF3L	IF-160/70	R6 IS-6D	JEN-1	7.85 2 8 KA-1 KAB1	7.9 2.5 20 KA-2 KAB3		



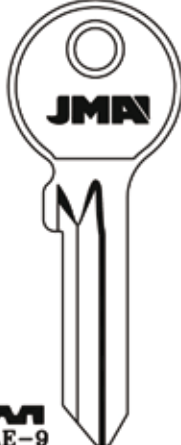












KABA				
6.75 2.45 KA-3 KA5SI	N.SILVER ALPACA	4.3 1.45 KA-5	7.85 2 KA-6	7.85 2 8 KA-7 KAB2
		MICRO KABA		
	7.9 2.45 KA-8	N.SILVER ALPACA		

KABA		KALE		
N.SILVER ALPACA	N.SILVER ALPACA			
6.80 2 KA-10	6.70 2 KA-11	KAE-1	KAE-2	KAE-3D

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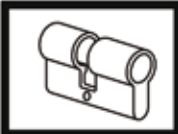
KALE				KESO
 KAE-4	 KAE-5	 KAE-9 KAE-8D	 KAE-12D KAE-11D	 N.SILVER ALPACA KE-1
KESO		LAS	LINCE	
 N.SILVER ALPACA 7.6 2.45 2000 KE-3 KE3SI	 N.SILVER ALPACA 7.6 2.45 2000 KE-4	 FH LAS-FH L6S FM LAS-4 L6FM	 M LIN-101	 LIN-13
LINCE		LOWE & FLETCHER		
 R LIN-15D	 LIN-19D	 LF-2 LF7	 LF-41 LF16	 LF-21

EURO LOCKS

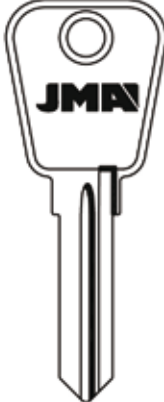





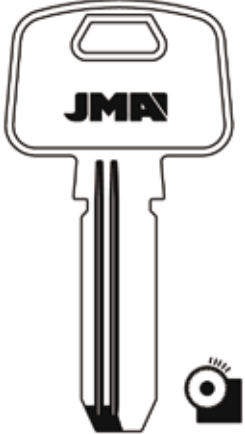

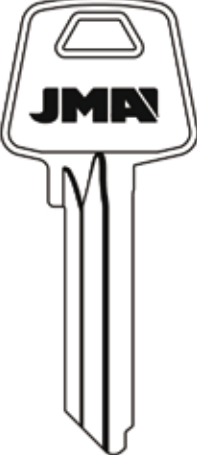



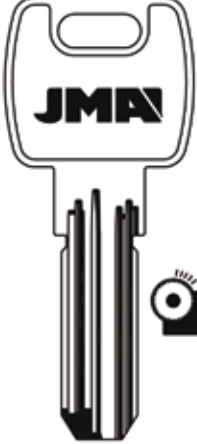



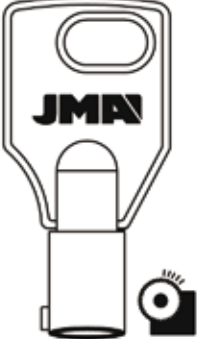











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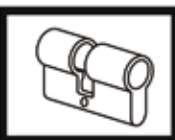
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LOWE FLETCHER	MAGNUM		MCM							
 <p>JMA</p>  <p>LF-42 LF24</p>	 <p>JMA</p>  <p>MAG-1D</p>		 <p>JMA</p> <p>N.SILVER ALPACA</p>  <p>4SS MCM-4SS</p>  <p>JMA</p>  <p>4SE MCM-10</p>							
MCM				MERONI						
 <p>JMA</p>  <p>MCM-12D</p>		 <p>JMA</p>  <p>MCM-13D</p>		 <p>JMA</p>  <p>E8 MCM-16</p>	 <p>JMA</p>  <p>C MCM-24C</p>	 <p>JMA</p>  <p>ø10 ø8 MER-1T</p>				
MERONI	MG									
 <p>JMA</p>  <p>MER-16D</p>	 <p>JMA</p>  <p>20</p>				 <p>JMA</p>  <p>25</p>		 <p>JMA</p>  <p>30-40</p>		 <p>JMA</p>  <p>50</p>	
	MGG-1	MGG-1D	MGG-2	MGG-2D	MGG-3	MGG-3D	MGG-4	MGG-4D		




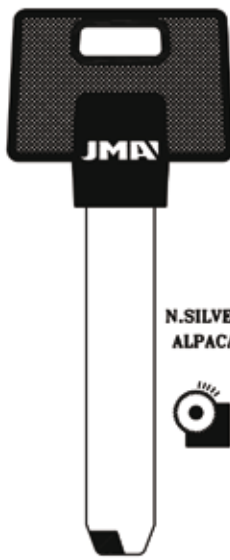





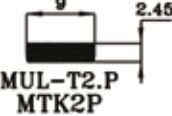



















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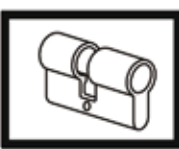
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MINGO		MING-TAY		MLM		MUL. T. LOCK	
							
 MNG-1		 MIN-1D		 MLM-5		N.SILVER ALPACA  MUL-T5.P  MUL-T4.P  MUL-T2.P MTK2P GAMMA	
MUL. T. LOCK		OJMAR				P&C I.	
							
 MUL-T3.P1 GAMMA		 OJ-61		 OJ-9D		 Y OJ-14	
						 PCI-1T	
PADO				PAPAIZ			
							
 PAD-4		 PAD-4D		 PAD-5		 PAD-6	
						 PAP-1 PZ1	
						 PAP-2 PZ2	

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PAPAIZ



PAP-3
PZ3



PAP-4



PAP-5



PAP-8



PAP-9

PAPAIZ



PAP-10.P



PAP-11



PAP-12

PREFER



PR-7
PR91C

PR-6

PR-5I
PR91A

PR-5D
PR91N

RABBIT



RAB-1

RONIS



RO-7D
V61S

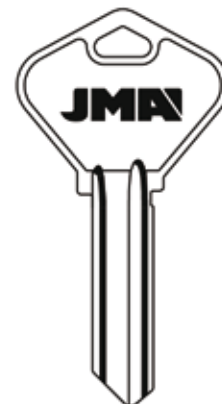
SAFE



SAF-1 **SAF-1D**



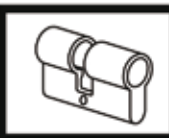
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SAF-4 **SAF-4D**

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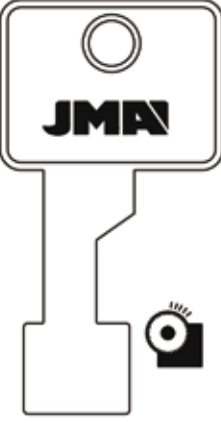







ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.


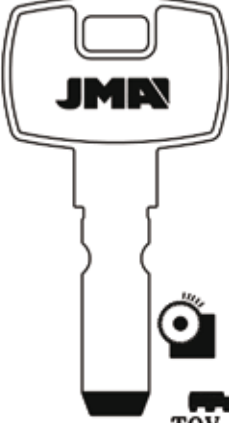

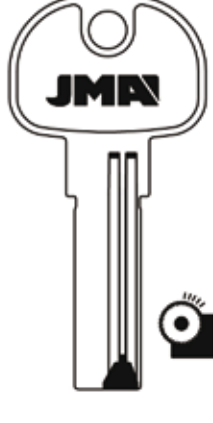


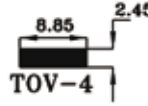



SAMSONITE			SEA	
 SA-1 170S	 SA-2 80S	 • SA-4 • SA-3I SA-3D	 9.5 2.2 SEA-1	 9.5 2.2 SEA-2
			EZCURRA-HASLER-VIDMAR	
SECURITAL	SHANGAI	SIS	SOPRANO	
 SCR-1	 SHA-1	 SIS-2 1523	 SOP-3D	 SOP-4D
SOPRANO			STS	
 SOP-5	 SOP-6	 SOP-7D	 STS-4D	 8.8 2.3 STS-T14



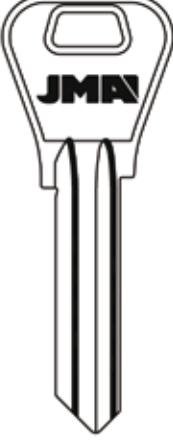










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ATTENCIÓN: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENCIÓN: Concernant les marques et dénominations commerciales voir la note dans l'index.

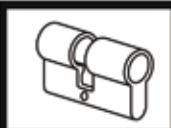
STS		TICINO	TOVER	
				
		 		
STS-X5	STS-X6	TI-1 TI-1D	TOV-1	TOV-2

TOVER				
				
				
TOV-3	TOV-4	TOV-5	TOV-6	TOV-7
KWIKSET				

TOVER		TRAVEX	TRI-CIRCLE			
						
		 			 	
TOV-9D	TOV-10D	TRV-1 TRV-1D	TRI-3I	TRI-3D	TRI-5I TRI-5D	
			DEXTER			

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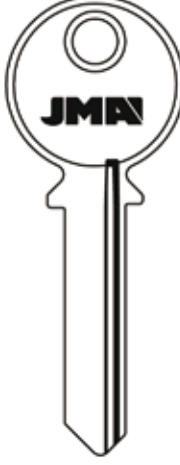


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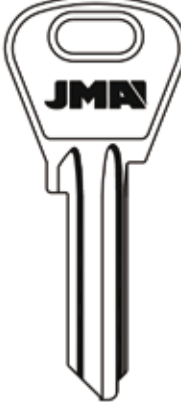
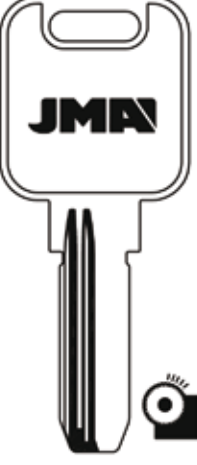



TRI-CIRCLE

				
 3B  3D TRI-8I TRI-8D	 2B  2D TRI-10I TRI-10D	 1B  1D TRI-12I TRI-12D TL8		
 3A TRI-7I TRI-7D	 2A TRI-9I TRI-9D	 1A TRI-11I TRI-11D	 TRI-17D	 TRI-18 TL11R TRI-18D TL11



TRI-CIRCLE


 TRI-19  TRI-19D





UCEM

		
 UCEM-8D	 UCEM-12	 UCEM-13D

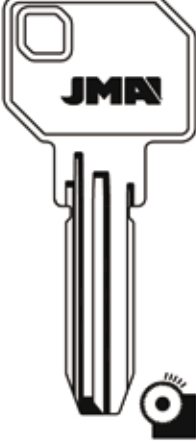

UNION


 UN-11 1033N






UNION

	
 UN-FT 62FT ASTON MARTIN-BEDFORD B.LEYLAND-FORD-JAGUAR	 UN-FS 62FS ASTON MARTIN-B.LEYLAND NORTON-TRIUMPH MOTOR.

URBIS


 URB-3D

VERA

	
 VER-1  VER-1D	 VER-2D

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ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

VIRO



VI-7



VI-11
VR2



VI-21
VR7



VI-13



VI-14

VI-1D
VR91R

VI-2D
VR91A

VI-4IP
VR5

VI-4DP
VR91BR

VI-13D

WAH TUNG



WAH-1

WAH-1D

WINKHAUS



WIN-5

YARDENI



N.SILVER
ALPACA

YAR-1



YAR-2

YETI



YET-1

YET-1D

YETI



YET-2



YET-5



YET-7



YET-8



YET-9

YET-6D

YET-2D

YET-5D

YET-7D

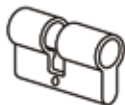
YET-8D

YET-9D

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YETI

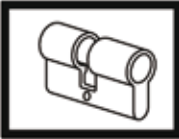


YET-10 YET-10D YET-11 YET-11D

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111

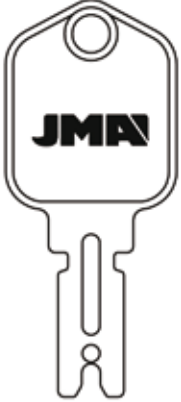

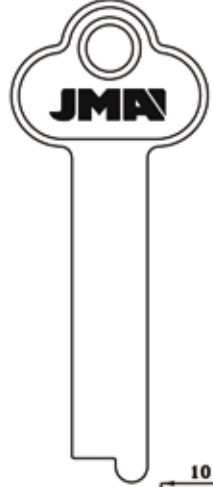
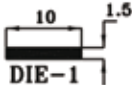
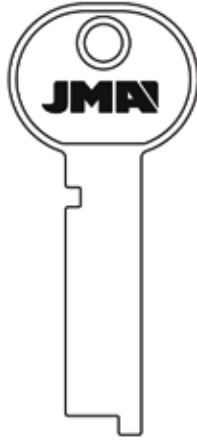
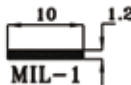
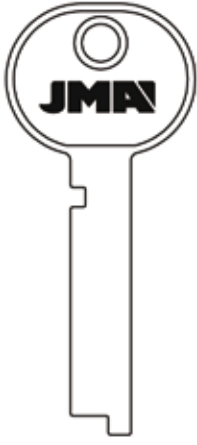
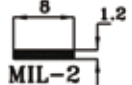

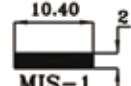

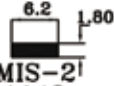
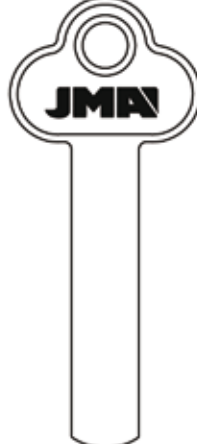
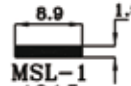

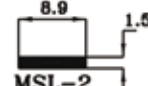
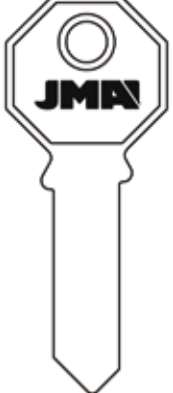



FLAT KEYS

*LLAVES PLANAS
CLÉS PLATES*



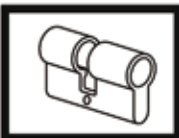
THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

CLARK FORK L.	DIEBOLD	MILES	
  <p>CLF-1 1430</p>	  <p>DIE-1</p>	  <p>MIL-1</p>	  <p>MIL-2 MN3</p>
MISCELLANEOUS		MOSLER	
  <p>MIS-1 1147</p> <p>YARD TRACTOR</p>	  <p>MIS-2¹ 1148</p> <p>INDAK-YARD TRACTOR-POLARIS</p>	  <p>MSL-1 4015</p>	  <p>MSL-2 1335S</p>
PHILLIPS	YALE		
  <p>PHI-11</p>	  <p>YA-30 37D</p>		

FLAT

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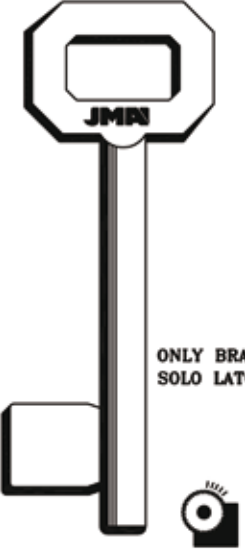
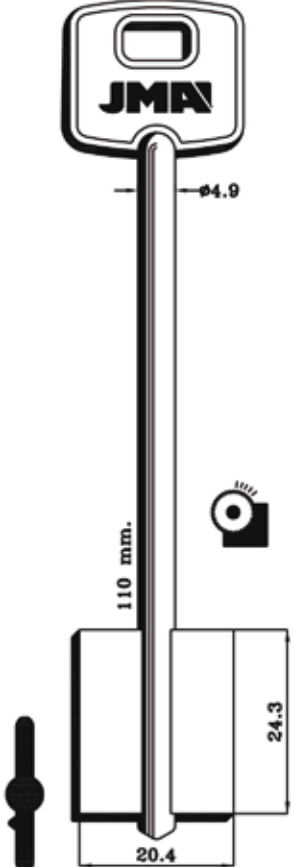
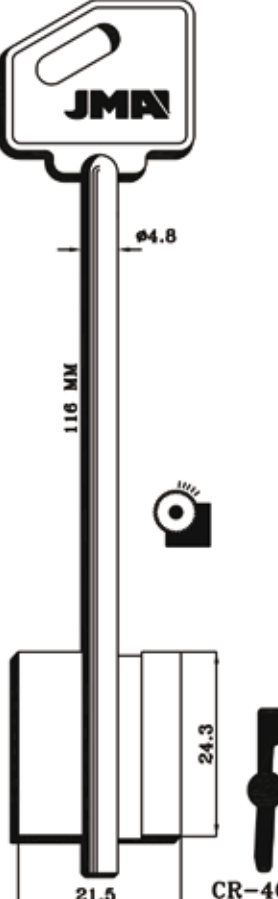
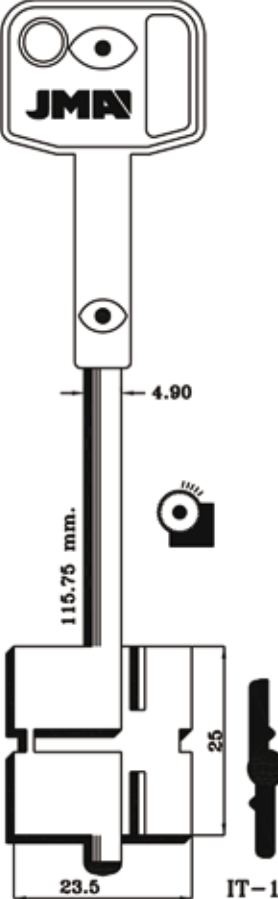
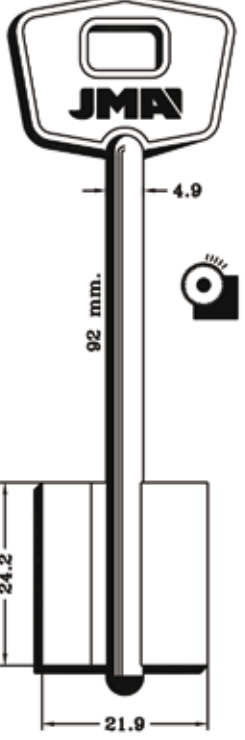



BIT & BARREL

*GORJA
CLÉS Á GORGES*



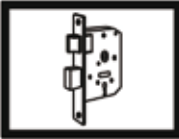
THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS


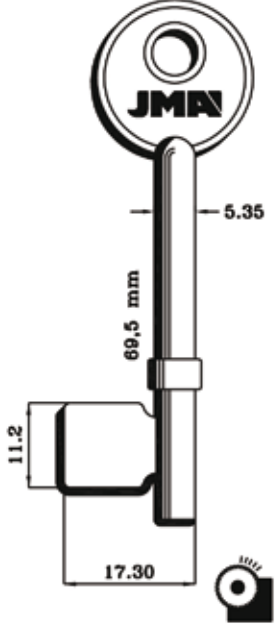
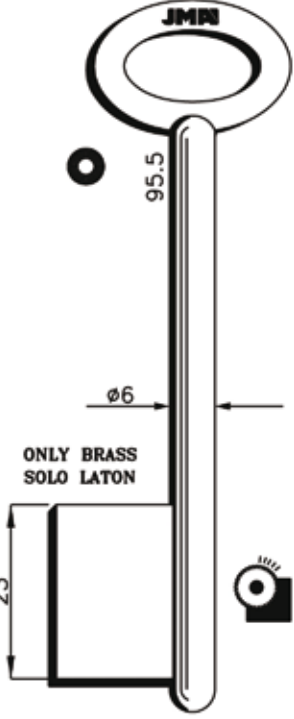
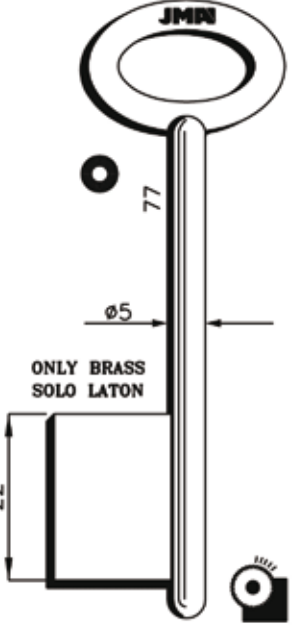
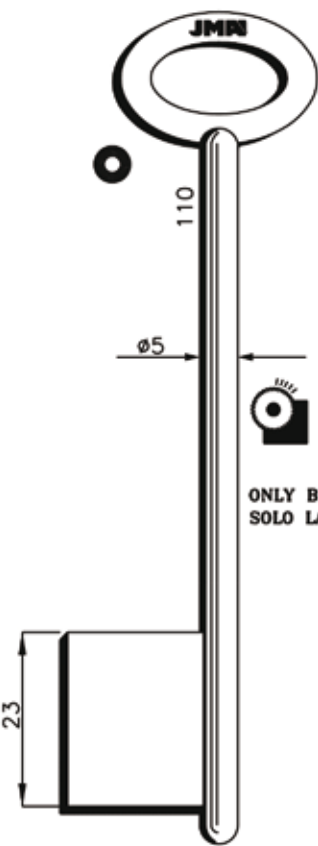
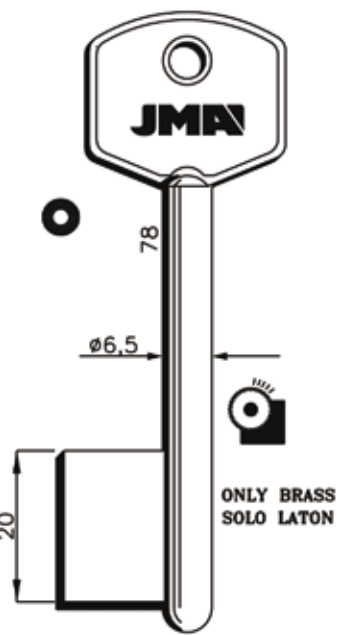
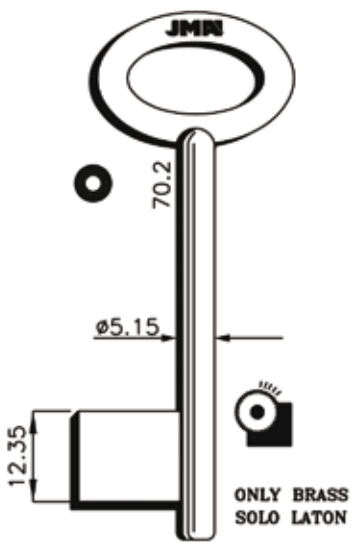
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126 H	CISA	CR	ITAL
 <p>ONLY BRASS SOLO LATON</p> <p>126H-60G</p>	 <p>110 mm.</p> <p>24.3</p> <p>20.4</p> <p>CI-3G</p>	 <p>116 MM</p> <p>24.3</p> <p>21.5</p> <p>CR-4G</p>	 <p>115.75 mm.</p> <p>25</p> <p>23.5</p> <p>IT-1G</p>
MOTTURA	SERRALLER	TOVER	TRABEX
 <p>92 mm.</p> <p>24.2</p> <p>21.9</p> <p>MT-3G</p>	 <p>SER-1G</p>	 <p>TOV-1G</p>	 <p>TRAB-3G</p>

BIT & BARREL

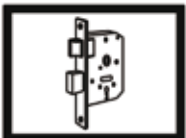
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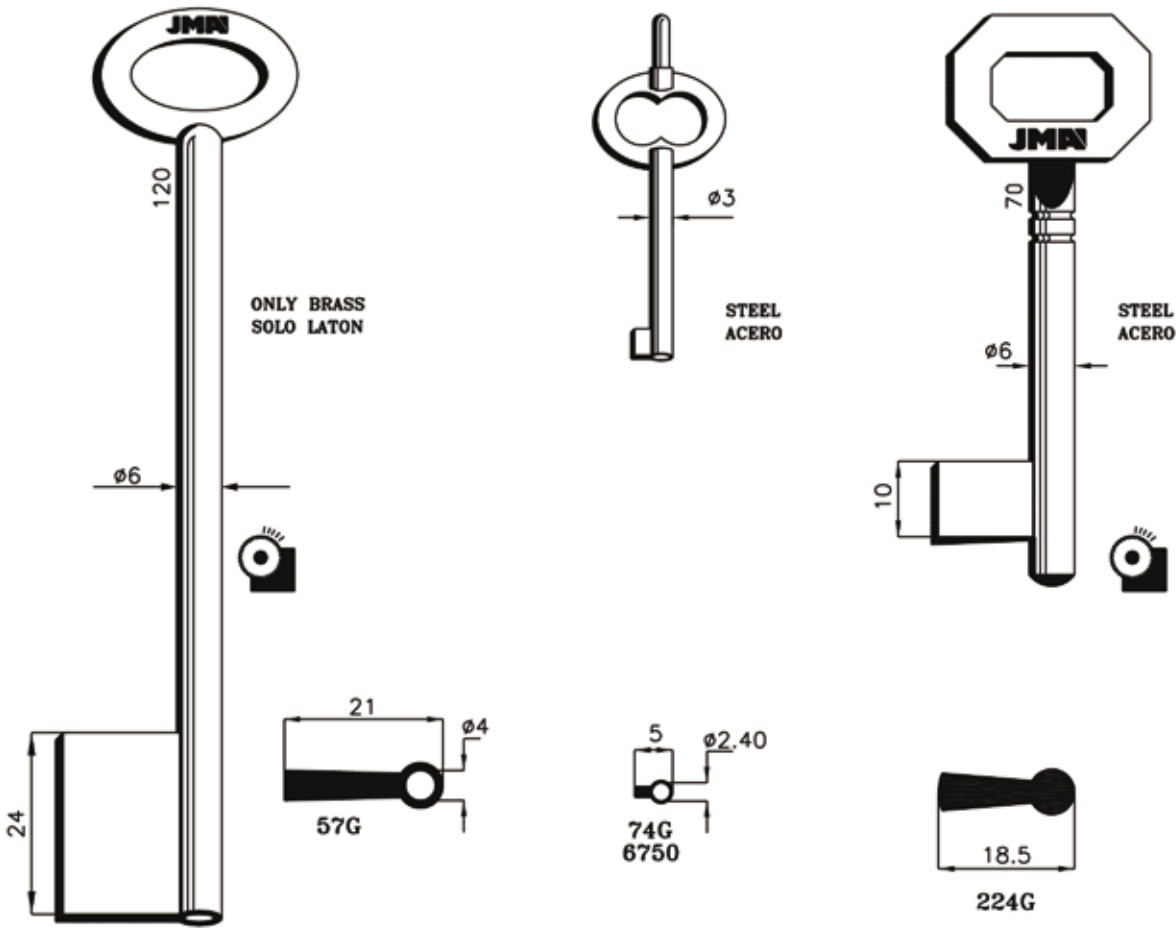
TRABEX	UNION		
 <p>JMA</p> <p>TRAB-4G</p>	 <p>JMA</p> <p>69,5 mm</p> <p>5.35</p> <p>11.2</p> <p>17.30</p> <p>UN-1G</p>	 <p>JMA</p> <p>95.5</p> <p>ø6</p> <p>ONLY BRASS SOLO LATON</p> <p>23</p> <p>21</p> <p>4G</p>	 <p>JMA</p> <p>77</p> <p>ø5</p> <p>ONLY BRASS SOLO LATON</p> <p>22</p> <p>20</p> <p>15G</p>
 <p>JMA</p> <p>110</p> <p>ø5</p> <p>ONLY BRASS SOLO LATON</p> <p>23</p> <p>22.5</p> <p>21G</p>	 <p>JMA</p> <p>78</p> <p>ø6.5</p> <p>ONLY BRASS SOLO LATON</p> <p>20</p> <p>19.5</p> <p>23G</p>	 <p>JMA</p> <p>70.2</p> <p>ø5.15</p> <p>ONLY BRASS SOLO LATON</p> <p>12.35</p> <p>19.6</p> <p>25G</p>	

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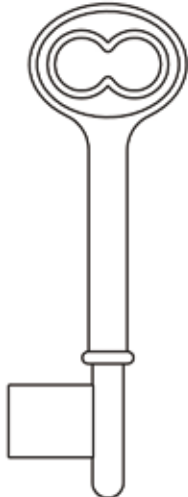


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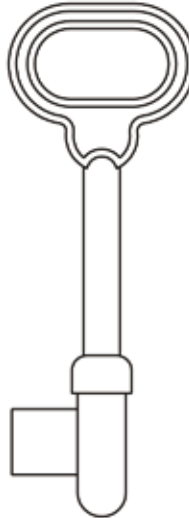


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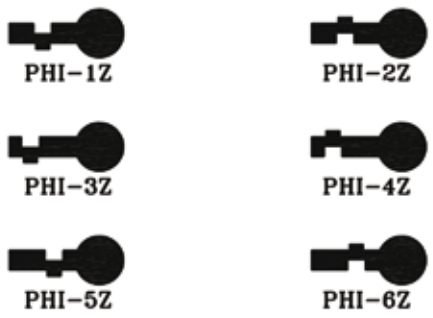
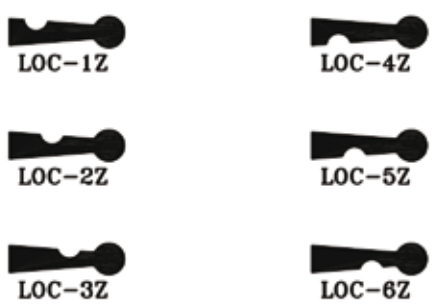
PHILLIPS



ZAMAK

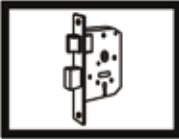


ZAMAK

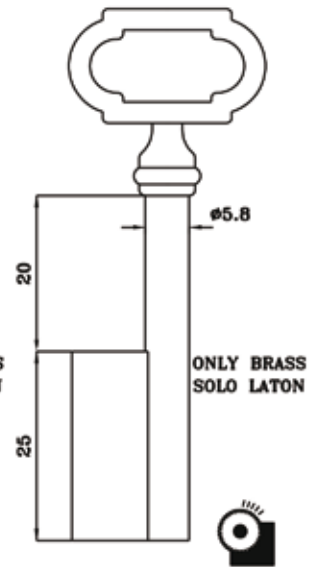
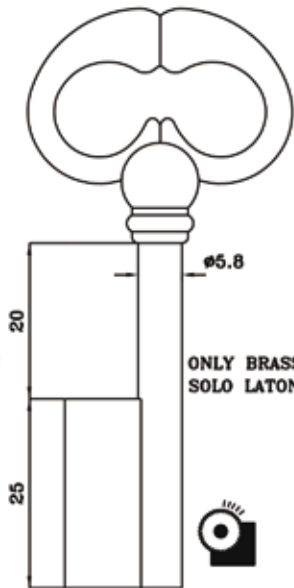
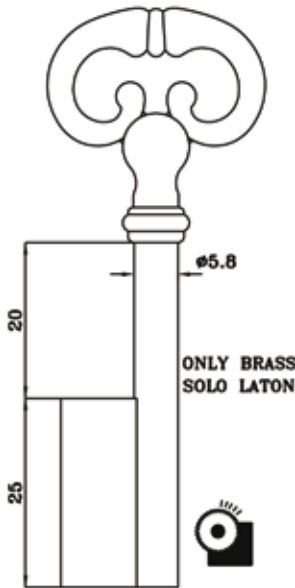
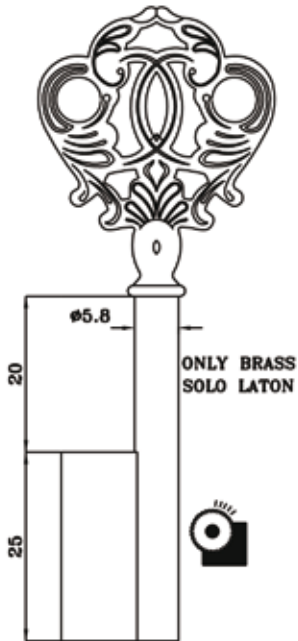
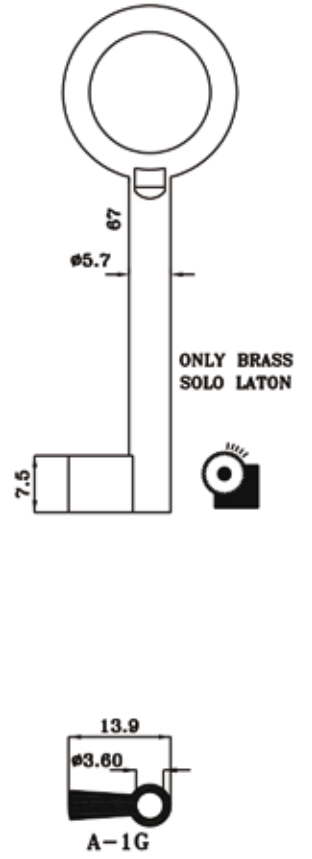
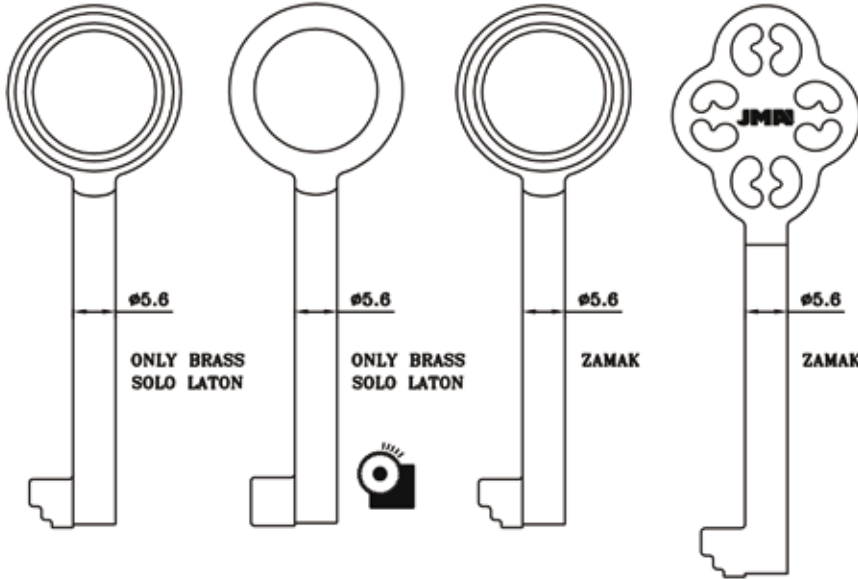


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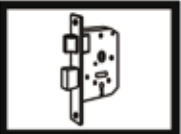
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ROPERO



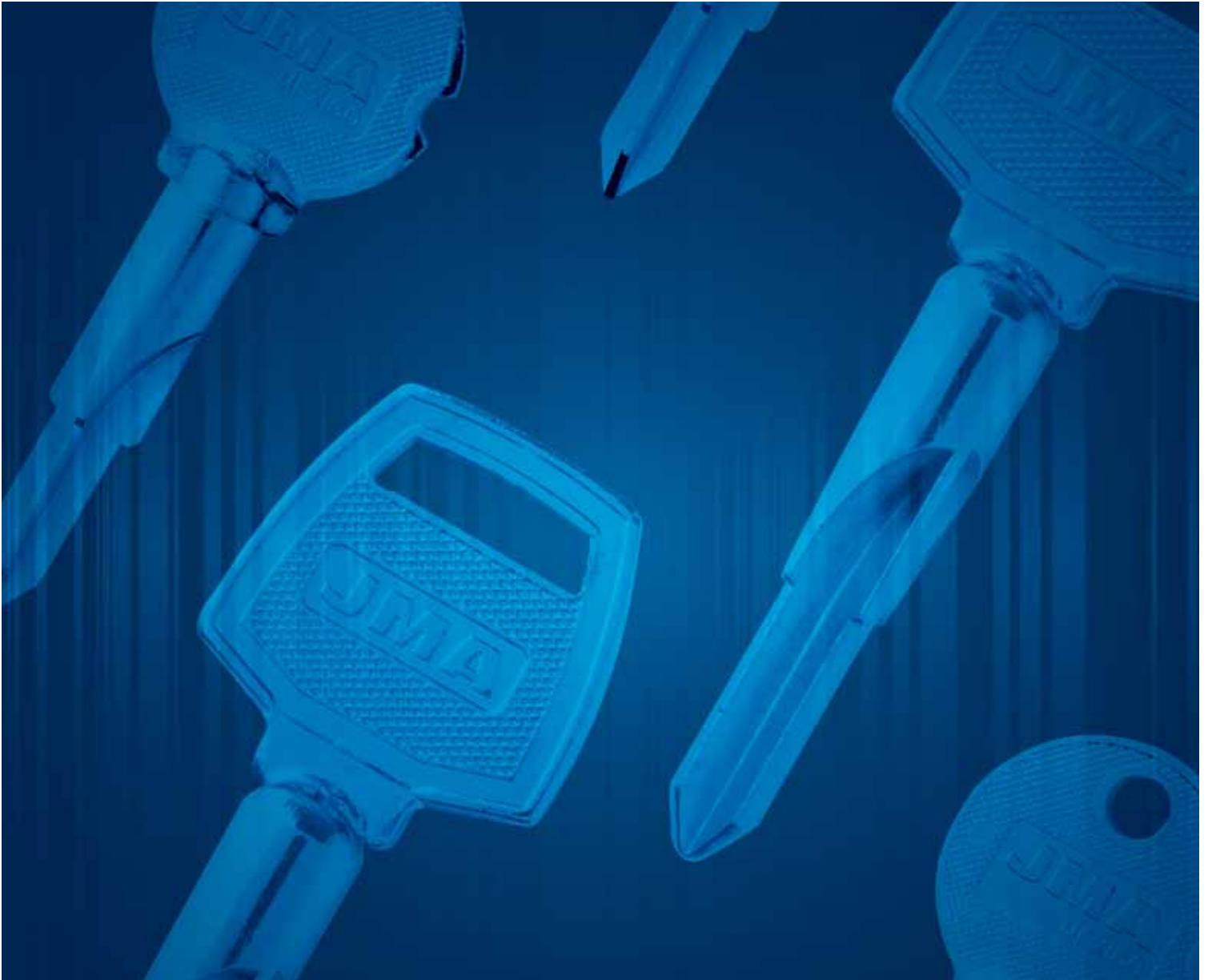
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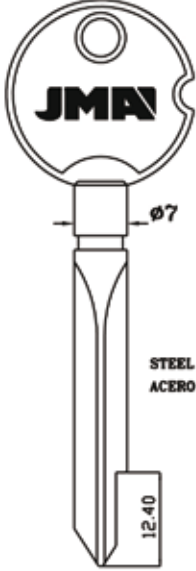
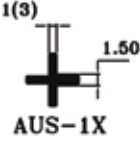
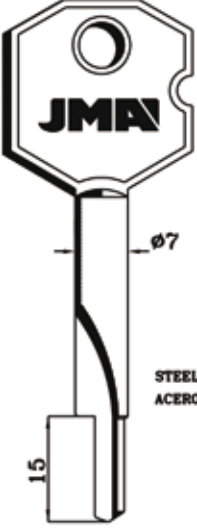
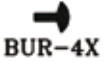


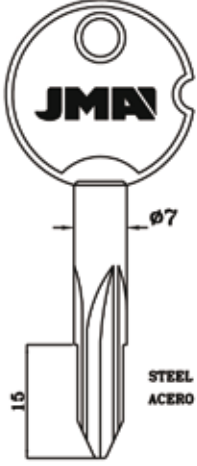

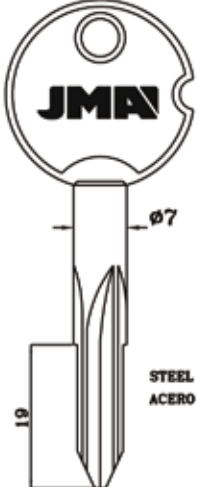

CROSS KEYS

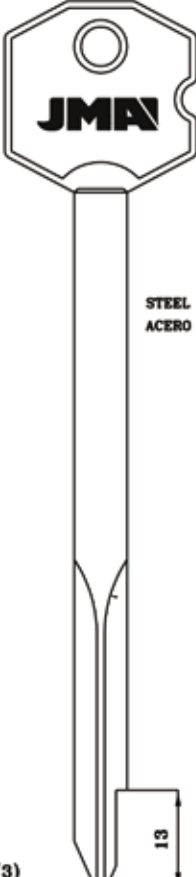
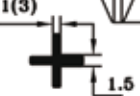
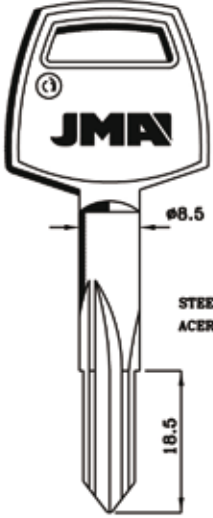

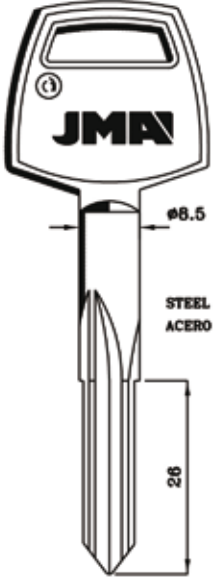
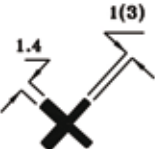
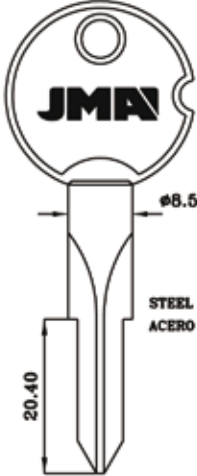
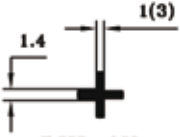
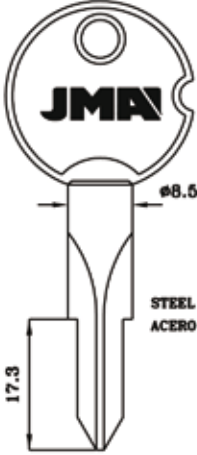
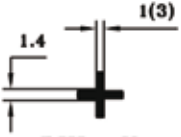
*LLAVES EN CRUZ
CLÉS TRANSVERSALES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

AUSTRAL	BURG	CIFIAL	DIXON	
 <p>STEEL ACERO</p> <p>12.40</p> <p>1(3)</p>  <p>AUS-1X</p>	 <p>STEEL ACERO</p> <p>15</p> <p>1(3)</p>  <p>BUR-4X</p>	 <p>STEEL ACERO</p> <p>1(3)</p>  <p>CIF-1X</p>	 <p>STEEL ACERO</p> <p>15</p> <p>0.80(3)</p>  <p>DIX-1X</p>	 <p>STEEL ACERO</p> <p>19</p> <p>0.80(3)</p>  <p>DIX-2X</p>

FIAM	PAPAIZ		PHILLIPS	
 <p>STEEL ACERO</p> <p>13</p> <p>1(3)</p>  <p>FM-3X</p>	 <p>STEEL ACERO</p> <p>18.5</p> <p>1(3)</p>  <p>PAP-1X</p>	 <p>STEEL ACERO</p> <p>26</p> <p>1(3)</p>  <p>PAP-2X</p>	 <p>STEEL ACERO</p> <p>20.40</p> <p>1(3)</p>  <p>PHI-3X</p>	 <p>STEEL ACERO</p> <p>17.3</p> <p>1(3)</p>  <p>PHI-4X</p>

CROSS KEYS

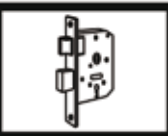
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PHILLIPS			YALE BKS	
<p>STEEL ACERO</p> <p>12.8</p>	<p>STEEL ACERO</p> <p>20.40</p>	<p>STEEL ACERO</p> <p>20.40</p>	<p>STEEL ACERO</p> <p>70mm</p>	<p>STEEL ACERO</p> <p>85mm</p>
<p>PHI-5X</p>	<p>PHI-6X</p>	<p>PHI-7X</p>	<p>YA-1X 70mm</p>	<p>YA-2X 85mm</p>
MICO				

YALE BKS	ZEISS IKON					
<p>STEEL ACERO</p> <p>100mm</p>	<p>STEEL ACERO</p> <p>70mm</p>	<p>STEEL ACERO</p> <p>70mm</p>	<p>STEEL ACERO</p> <p>85mm</p>	<p>STEEL ACERO</p> <p>85mm</p>	<p>STEEL ACERO</p> <p>100mm</p>	<p>STEEL ACERO</p> <p>100mm</p>
<p>YA-3X 100mm</p>	<p>ZE-1X 70mm</p>	<p>ZE-2X 70mm</p>	<p>ZE-3X 85mm</p>	<p>ZE-4X 85mm</p>	<p>ZE-5X 100mm</p>	<p>ZE-6X 100mm</p>

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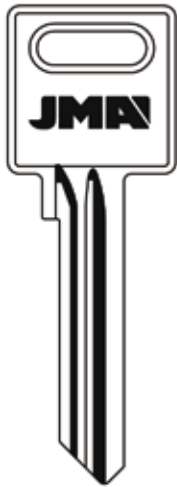
ALUMINUM

ALUMINIO
ALUMINIUM



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

CANTOL




CTO-3D

TOURQUOISE/TURQUESA/TURQUOISE



CTO-3D.AT

GREEN/VERDE/VERT



CTO-3D.AV

RED/ROJO/ROUGE



CTO-3D.AR

ORANGE/NARANJA/ORANGE



CTO-3D.AN

YELLOW/AMARILLO/JAUNE



CTO-3D.AY

GRAPE/UVA/RAISIN



CTO-3D.AU

LILAC/LILA/MAUVE



CTO-3D.AL

PINK/ROSA/ROSE



CTO-3D.AP

BLACK/NEGRO/NOIR



CTO-3D.AB

NAVY BLUE/AZUL MARINO/JAUNE



CTO-3D.AM

BLUE/AZUL/BLEU



CTO-3D.AA

CISA




CI-DL

TOURQUOISE/TURQUESA/TURQUOISE



CI-DL.AT

GREEN/VERDE/VERT



CI-DL.AV

RED/ROJO/ROUGE



CI-DL.AR

ORANGE/NARANJA/ORANGE



CI-DL.AN

YELLOW/AMARILLO/JAUNE



CI-DL.AY

GRAPE/UVA/RAISIN



CI-DL.AU

LILAC/LILA/MAUVE



CI-DL.AL

PINK/ROSA/ROSE



CI-DL.AP

BLACK/NEGRO/NOIR



CI-DL.AB

NAVY BLUE/AZUL MARINO/JAUNE



CI-DL.AM

BLUE/AZUL/BLEU



CI-DL.AA

CISA




CI-IL

TOURQUOISE/TURQUESA/TURQUOISE



CI-IL.AT

GREEN/VERDE/VERT



CI-IL.AV

RED/ROJO/ROUGE



CI-IL.AR

ORANGE/NARANJA/ORANGE



CI-IL.AN

YELLOW/AMARILLO/JAUNE



CI-IL.AY

GRAPE/UVA/RAISIN



CI-IL.AU

LILAC/LILA/MAUVE



CI-IL.AL

PINK/ROSA/ROSE



CI-IL.AP

BLACK/NEGRO/NOIR



CI-IL.AB

NAVY BLUE/AZUL MARINO/JAUNE

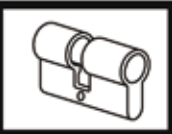


CI-IL.AM

BLUE/AZUL/BLEU



CI-IL.AA



FANAL



FNL-1D

TOURQUOISE/TURQUESA/TURQUOISE



FNL-1D.AT

RED/ROJO/ROUGE



FNL-1D.AR

GRAPE/UVA/RAISIN



FNL-1D.AU

BLACK/NEGRO/NOIR



FNL-1D.AB

GREEN/VERDE/VERT



FNL-1D.AV

ORANGE/NARANJA/ORANGE



FNL-1D.AN

LILAC/LILA/MAUVE



FNL-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FNL-1D.AM

YELLOW/AMARILLO/JAUNE



FNL-1D.AY

PINK/ROSA/ROSE



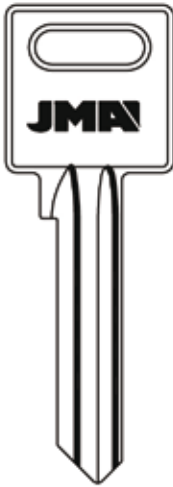
FNL-1D.AP

BLUE/AZUL/BLEU



FNL-1D.AA

FORTE



FTE-1

TOURQUOISE/TURQUESA/TURQUOISE



FTE-1.AT

RED/ROJO/ROUGE



FTE-1.AR

GRAPE/UVA/RAISIN



FTE-1.AU

BLACK/NEGRO/NOIR



FTE-1.AB

GREEN/VERDE/VERT



FTE-1.AV

ORANGE/NARANJA/ORANGE



FTE-1.AN

LILAC/LILA/MAUVE



FTE-1.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-1.AM

YELLOW/AMARILLO/JAUNE



FTE-1.AY

PINK/ROSA/ROSE



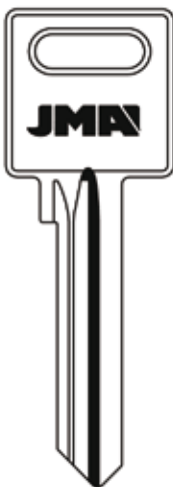
FTE-1.AP

BLUE/AZUL/BLEU



FTE-1.AA

FORTE



FTE-1D

TOURQUOISE/TURQUESA/TURQUOISE



FTE-1D.AT

RED/ROJO/ROUGE



FTE-1D.AR

GRAPE/UVA/RAISIN



FTE-1D.AU

BLACK/NEGRO/NOIR



FTE-1D.AB

GREEN/VERDE/VERT



FTE-1D.AV

ORANGE/NARANJA/ORANGE



FTE-1D.AN

LILAC/LILA/MAUVE



FTE-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-1D.AM

YELLOW/AMARILLO/JAUNE



FTE-1D.AY

PINK/ROSA/ROSE



FTE-1D.AP

BLUE/AZUL/BLEU

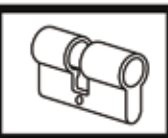


FTE-1D.AA

ALUMINUM

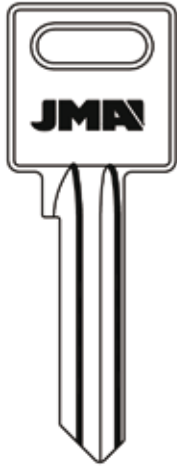
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FORTE



FTE-3

TOURQUOISE/TURQUESA/TURQUOISE



FTE-3.AT

RED/ROJO/ROUGE



FTE-3.AR

GRAPE/UVA/RAISIN



FTE-3.AU

BLACK/NEGRO/NOIR



FTE-3.AB

GREEN/VERDE/VERT



FTE-3.AV

ORANGE/NARANJA/ORANGE



FTE-3.AN

LILAC/LILA/MAUVE



FTE-3.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-3.AM

YELLOW/AMARILLO/JAUNE



FTE-3.AY

PINK/ROSA/ROSE



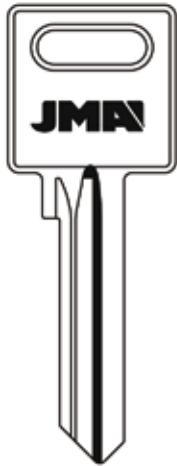
FTE-3.AP

BLUE/AZUL/BLEU



FTE-3.AA

FORTE



FTE-3D

TOURQUOISE/TURQUESA/TURQUOISE



FTE-3D.AT

RED/ROJO/ROUGE



FTE-3D.AR

GRAPE/UVA/RAISIN



FTE-3D.AU

BLACK/NEGRO/NOIR



FTE-3D.AB

GREEN/VERDE/VERT



FTE-3D.AV

ORANGE/NARANJA/ORANGE



FTE-3D.AN

LILAC/LILA/MAUVE



FTE-3D.AL

NAVY BLUE/AZUL MARINO/JAUNE



FTE-3D.AM

YELLOW/AMARILLO/JAUNE



FTE-3D.AY

PINK/ROSA/ROSE



FTE-3D.AP

BLUE/AZUL/BLEU



FTE-3D.AA

KWIKSET



KWI-1
KW1

TOURQUOISE/TURQUESA/TURQUOISE



KWI-1.AT

RED/ROJO/ROUGE



KWI-1.AR

GRAPE/UVA/RAISIN



KWI-1.AU

BLACK/NEGRO/NOIR



KWI-1.AB

GREEN/VERDE/VERT



KWI-1.AV

ORANGE/NARANJA/ORANGE



KWI-1.AN

LILAC/LILA/MAUVE



KWI-1.AL

NAVY BLUE/AZUL MARINO/JAUNE



KWI-1.AM

YELLOW/AMARILLO/JAUNE



KWI-1.AY

PINK/ROSA/ROSE



KWI-1.AP

BLUE/AZUL/BLEU

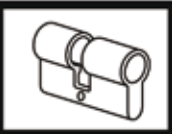


KWI-1.AA

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PHILLIPS



 PHI-52

TOURQUOISE/TURQUESA/TURQUOISE



PHI-52.AT

RED/ROJO/ROUGE



PHI-52.AR

GRAPE/UVA/RAISIN



PHI-52.AU

BLACK/NEGRO/NOIR



PHI-52.AB

GREEN/VERDE/VERT



PHI-52.AV

ORANGE/NARANJA/ORANGE



PHI-52.AN

LILAC/LILA/MAUVE



PHI-52.AL

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52.AM

YELLOW/AMARILLO/JAUNE



PHI-52.AY

PINK/ROSA/ROSE



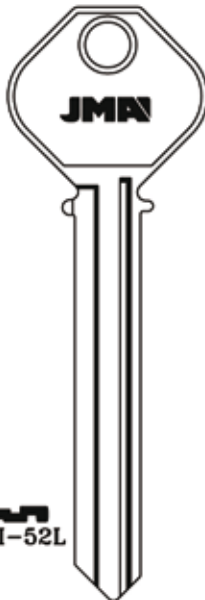
PHI-52.AP

BLUE/AZUL/BLEU



PHI-52.AA

PHILLIPS



 PHI-52L

TOURQUOISE/TURQUESA/TURQUOISE



PHI-52L.AT

RED/ROJO/ROUGE



PHI-52L.AR

GRAPE/UVA/RAISIN



PHI-52L.AU

BLACK/NEGRO/NOIR



PHI-52L.AB

GREEN/VERDE/VERT



PHI-52L.AV

ORANGE/NARANJA/ORANGE



PHI-52L.AN

LILAC/LILA/MAUVE



PHI-52L.AL

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52L.AM

YELLOW/AMARILLO/JAUNE



PHI-52L.AY

PINK/ROSA/ROSE



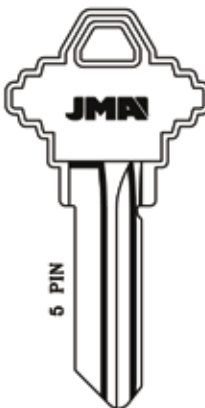
PHI-52L.AP

BLUE/AZUL/BLEU



PHI-52L.AA

SCHLAGE



5 PIN

 SC1

TOURQUOISE/TURQUESA/TURQUOISE



SLG-3.AT

RED/ROJO/ROUGE



SLG-3.AR

GRAPE/UVA/RAISIN



SLG-3.AU

BLACK/NEGRO/NOIR



SLG-3.AB

GREEN/VERDE/VERT



SLG-3.AV

ORANGE/NARANJA/ORANGE



SLG-3.AN

LILAC/LILA/MAUVE



SLG-3.AL

NAVY BLUE/AZUL MARINO/JAUNE



SLG-3.AM

YELLOW/AMARILLO/JAUNE



SLG-3.AY

PINK/ROSA/ROSE

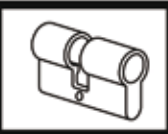


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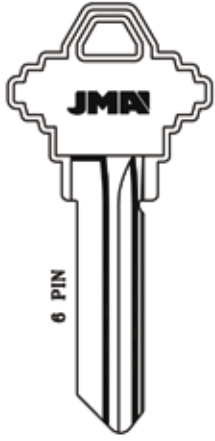
BLUE/AZUL/BLEU



SLG-3.AA



SCHLAGE



6 PIN


SLG-4
SC4

TOURQUOISE/TURQUESA/TURQUOISE



SLG-4.AT

GREEN/VERDE/VERT



SLG-4.AV

RED/ROJO/ROUGE



SLG-4.AR

ORANGE/NARANJA/ORANGE



SLG-4.AN

YELLOW/AMARILLO/JAUNE



SLG-4.AY

GRAPE/UVA/RAISIN



SLG-4.AU

LILAC/LILA/MAUVE



SLG-4.AL

PINK/ROSA/ROSE



SLG-4.AP

BLACK/NEGRO/NOIR



SLG-4.AB

NAVY BLUE/AZUL MARINO/JAUNE



SLG-4.AM

BLUE/AZUL/BLEU



SLG-4.AA

VIRO




VI-11
VR2

TOURQUOISE/TURQUESA/TURQUOISE



VI-11.AT

GREEN/VERDE/VERT



VI-11.AV

RED/ROJO/ROUGE



VI-11.AR

ORANGE/NARANJA/ORANGE



VI-11.AN

YELLOW/AMARILLO/JAUNE



VI-11.AY

GRAPE/UVA/RAISIN



VI-11.AU

LILAC/LILA/MAUVE



VI-11.AL

PINK/ROSA/ROSE



VI-11.AP

BLACK/NEGRO/NOIR



VI-11.AB

NAVY BLUE/AZUL MARINO/JAUNE



VI-11.AM

BLUE/AZUL/BLEU



VI-11.AA

VIRO




VI-1D
VR91R

TOURQUOISE/TURQUESA/TURQUOISE



VI-1D.AT

GREEN/VERDE/VERT



VI-1D.AV

RED/ROJO/ROUGE



VI-1D.AR

ORANGE/NARANJA/ORANGE



VI-1D.AN

YELLOW/AMARILLO/JAUNE



VI-1D.AY

GRAPE/UVA/RAISIN



VI-1D.AU

LILAC/LILA/MAUVE



VI-1D.AL

PINK/ROSA/ROSE



VI-1D.AP

BLACK/NEGRO/NOIR



VI-1D.AB

NAVY BLUE/AZUL MARINO/JAUNE



VI-1D.AM

BLUE/AZUL/BLEU



VI-1D.AA

ALUMINUM

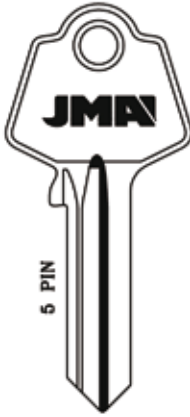
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YALE




U-5CD

TOURQUOISE/TURQUESA/TURQUOISE



U-5CD.AT

RED/ROJO/ROUGE



U-5CD.AR

GRAPE/UVA/RAISIN



U-5CD.AU

BLACK/NEGRO/NOIR



U-5CD.AB

GREEN/VERDE/VERT



U-5CD.AV

ORANGE/NARANJA/ORANGE



U-5CD.AN

LILAC/LILA/MAUVE



U-5CD.AL

NAVY BLUE/AZUL MARINO/JAUNE



U-5CD.AM

YELLOW/AMARILLO/JAUNE



U-5CD.AY

PINK/ROSA/ROSE



U-5CD.AP

BLUE/AZUL/BLEU



U-5CD.AA

YALE




U-5DD

TOURQUOISE/TURQUESA/TURQUOISE



U-5DD.AT

RED/ROJO/ROUGE



U-5DD.AR

GRAPE/UVA/RAISIN



U-5DD.AU

BLACK/NEGRO/NOIR



U-5DD.AB

GREEN/VERDE/VERT



U-5DD.AV

ORANGE/NARANJA/ORANGE



U-5DD.AN

LILAC/LILA/MAUVE



U-5DD.AL

NAVY BLUE/AZUL MARINO/JAUNE



U-5DD.AM

YELLOW/AMARILLO/JAUNE



U-5DD.AY

PINK/ROSA/ROSE



U-5DD.AP

BLUE/AZUL/BLEU



U-5DD.AA

YALE




U-5JD

TOURQUOISE/TURQUESA/TURQUOISE



U-5JD.AT

RED/ROJO/ROUGE



U-5JD.AR

GRAPE/UVA/RAISIN



U-5JD.AU

BLACK/NEGRO/NOIR



U-5JD.AB

GREEN/VERDE/VERT



U-5JD.AV

ORANGE/NARANJA/ORANGE



U-5JD.AN

LILAC/LILA/MAUVE



U-5JD.AL

NAVY BLUE/AZUL MARINO/JAUNE



U-5JD.AM

YELLOW/AMARILLO/JAUNE



U-5JD.AY

PINK/ROSA/ROSE



U-5JD.AP

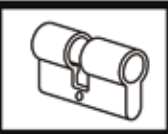
BLUE/AZUL/BLEU



U-5JD.AA

ALUMINUM

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YALE



5 PIN

YA-1D

TOURQUOISE/TURQUESA/TURQUOISE



YA-1D.AT

RED/ROJO/ROUGE



YA-1D.AR

GRAPE/UVA/RAISIN



YA-1D.AU

BLACK/NEGRO/NOIR



YA-1D.AB

GREEN/VERDE/VERT



YA-1D.AV

ORANGE/NARANJA/ORANGE



YA-1D.AN

LILAC/LILA/MAUVE



YA-1D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-1D.AM

YELLOW/AMARILLO/JAUNE



YA-1D.AY

PINK/ROSA/ROSE



YA-1D.AP

BLUE/AZUL/BLEU



YA-1D.AA

YALE



5 PIN

YA-1I

TOURQUOISE/TURQUESA/TURQUOISE



YA-1I.AT

RED/ROJO/ROUGE



YA-1I.AR

GRAPE/UVA/RAISIN



YA-1I.AU

BLACK/NEGRO/NOIR



YA-1I.AB

GREEN/VERDE/VERT



YA-1I.AV

ORANGE/NARANJA/ORANGE



YA-1I.AN

LILAC/LILA/MAUVE



YA-1I.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-1I.AM

YELLOW/AMARILLO/JAUNE



YA-1I.AY

PINK/ROSA/ROSE



YA-1I.AP

BLUE/AZUL/BLEU



YA-1I.AA

YALE



6 PIN

YA-22D

TOURQUOISE/TURQUESA/TURQUOISE



YA-22D.AT

RED/ROJO/ROUGE



YA-22D.AR

GRAPE/UVA/RAISIN



YA-22D.AU

BLACK/NEGRO/NOIR



YA-22D.AB

GREEN/VERDE/VERT



YA-22D.AV

ORANGE/NARANJA/ORANGE



YA-22D.AN

LILAC/LILA/MAUVE



YA-22D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-22D.AM

YELLOW/AMARILLO/JAUNE



YA-22D.AY

PINK/ROSA/ROSE



YA-22D.AP

BLUE/AZUL/BLEU

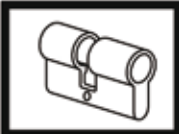


YA-22D.AA

ALUMINUM

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JMA



YALE



YA-24D

TOURQUOISE/TURQUESA/TURQUOISE



YA-24D.AT

RED/ROJO/ROUGE



YA-24D.AR

GRAPE/UVA/RAISIN



YA-24D.AU

BLACK/NEGRO/NOIR



YA-24D.AB

GREEN/VERDE/VERT



YA-24D.AV

ORANGE/NARANJA/ORANGE



YA-24D.AN

LILAC/LILA/MAUVE



YA-24D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-24D.AM

YELLOW/AMARILLO/JAUNE



YA-24D.AY

PINK/ROSA/ROSE



YA-24D.AP

BLUE/AZUL/BLEU



YA-24D.AA

YALE



YA-69D

TOURQUOISE/TURQUESA/TURQUOISE



YA-69D.AT

RED/ROJO/ROUGE



YA-69D.AR

GRAPE/UVA/RAISIN



YA-69D.AU

BLACK/NEGRO/NOIR



YA-69D.AB

GREEN/VERDE/VERT



YA-69D.AV

ORANGE/NARANJA/ORANGE



YA-69D.AN

LILAC/LILA/MAUVE



YA-69D.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-69D.AM

YELLOW/AMARILLO/JAUNE



YA-69D.AY

PINK/ROSA/ROSE



YA-69D.AP

BLUE/AZUL/BLEU



YA-69D.AA

YALE



YA-77D

TOURQUOISE/TURQUESA/TURQUOISE



YA-77D.AT

RED/ROJO/ROUGE



YA-77D.AR

GRAPE/UVA/RAISIN



YA-77D.AU

BLACK/NEGRO/NOIR



YA-77D.AB

GREEN/VERDE/VERT



YA-77D.AV

ORANGE/NARANJA/ORANGE



YA-77DD.AN

LILAC/LILA/MAUVE



YA-77DD.AL

NAVY BLUE/AZUL MARINO/JAUNE



YA-77D.AM

YELLOW/AMARILLO/JAUNE



YA-77D.AY

PINK/ROSA/ROSE



YA-77D.AP

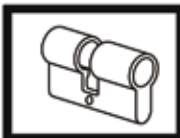
BLUE/AZUL/BLEU



YA-77D.AA

ALUMINUM

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COLORMATIC

*CENTRO DE PLÁSTICO
CENTRE PLASTIQUE*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

FANAL




FNL-1D

GREEN/VERDE/VERT



FNL-1D.CMV

RED/ROJO/ROUGE



FNL-1D.CMR

SMOKE/HUMO/FUMEE



FNL-1D.CMB

CRYSTAL/CRISTAL/CRYSTAL



FNL-1D.CMC

ORANGE/NARANJA/ORANGE



FNL-1D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



FNL-1D.CMA

YELLOW/AMARILLO/JAUNE



FNL-1D.CMY

GRAPE/UVA/RAISIN



FNL-1D.CMU

KWIKSET




KWI-1
KW1

GREEN/VERDE/VERT



KWI-1.CMV

RED/ROJO/ROUGE



KWI-1.CMR

SMOKE/HUMO/FUMEE



KWI-1.CMB

CRYSTAL/CRISTAL/CRYSTAL



KWI-1.CMC

ORANGE/NARANJA/ORANGE



KWI-1.CMN

NAVY BLUE/AZUL MARINO/JAUNE



KWI-1.CMA

YELLOW/AMARILLO/JAUNE



KWI-1.CMY

GRAPE/UVA/RAISIN



KWI-1.CMU

PHILLIPS




PHI-52

GREEN/VERDE/VERT



PHI-52.CMV

RED/ROJO/ROUGE



PHI-52.CMR

SMOKE/HUMO/FUMEE



PHI-52.CMB

CRYSTAL/CRISTAL/CRYSTAL



PHI-52.CMC

ORANGE/NARANJA/ORANGE



PHI-52.CMN

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52.CMA

YELLOW/AMARILLO/JAUNE

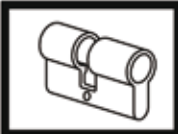


PHI-52.CMY

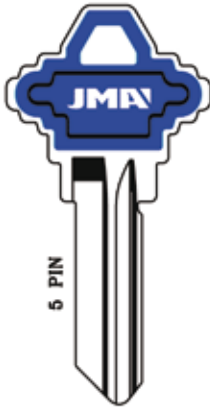
GRAPE/UVA/RAISIN



PHI-52.CMU



SCHLAGE



6 PIN

SLG-3
SC1

GREEN/VERDE/VERT



SLG-3.CMV

RED/ROJO/ROUGE



SLG-3.CMR

SMOKE/HUMO/FUMEE



SLG-3.CMB

CRYSTAL/CRISTAL/CRYSTAL



SLG-3.CMC

ORANGE/NARANJA/ORANGE



SLG-3.CMN

NAVY BLUE/AZUL MARINO/JAUNE



SLG-3.CMA

YELLOW/AMARILLO/JAUNE



SLG-3.CMY

GRAPE/UVA/RAISIN



SLG-3.CMU

YALE



6 PIN

YA-1D

GREEN/VERDE/VERT



YA-1D.CMV

RED/ROJO/ROUGE



YA-1D.CMR

SMOKE/HUMO/FUMEE



YA-1D.CMB

CRYSTAL/CRISTAL/CRYSTAL



YA-1D.CMC

ORANGE/NARANJA/ORANGE



YA-1D.CMN

NAVY BLUE/AZUL MARINO/JAUNE



YA-1D.CMA

YELLOW/AMARILLO/JAUNE



YA-1D.CMY

GRAPE/UVA/RAISIN

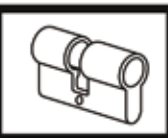


YA-1D.CMU

COLORMATIC

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ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

CRISTAL KEYS

*LLAVES DE CRISTAL
CLÉS CRISTAL*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ARROW



ARR-4D
AR1

GREEN/VERDE/VERT



ARR-4D.PV

RED/ROJO/ROUGE



ARR-4D.PR

SMOKE/HUMO/FUMEE



ARR-4D.PB

ORANGE/NARANJA/ORANGE



ARR-4D.PN

NAVY BLUE/AZUL MARINO/JAUNE



ARR-4D.PA

YELLOW/AMARILLO/JAUNE



ARR-4D.PY

GRAPE/UVA/RAISIN



ARR-4D.PU

DEXTER



DX-5D
DE6

GREEN/VERDE/VERT



DX-5D.PV

RED/ROJO/ROUGE



DX-5D.PR

SMOKE/HUMO/FUMEE



DX-5D.PB

ORANGE/NARANJA/ORANGE



DX-5D.PN

NAVY BLUE/AZUL MARINO/JAUNE



DX-5D.PA

YELLOW/AMARILLO/JAUNE



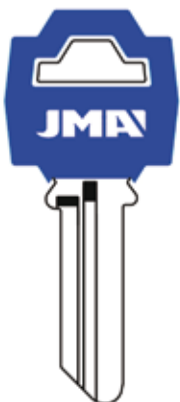
DX-5D.PY

GRAPE/UVA/RAISIN



DX-5D.PU

FANAL



FNL-1D

GREEN/VERDE/VERT



FNL-1D.PV

RED/ROJO/ROUGE



FNL-1D.PR

SMOKE/HUMO/FUMEE



FNL-1D.PB

ORANGE/NARANJA/ORANGE



FNL-1D.PN

NAVY BLUE/AZUL MARINO/JAUNE



FNL-1D.PA

YELLOW/AMARILLO/JAUNE



FNL-1D.PY

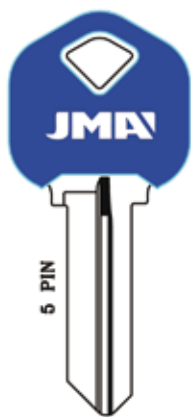
GRAPE/UVA/RAISIN



FNL-1D.PU



KWIKSET



6 PIN


KW1-1
KW1

GREEN/VERDE/VERT



KW1-1.PV

RED/ROJO/ROUGE



KW1-1.PR

SMOKE/HUMO/FUMEE



KW1-1.PB

ORANGE/NARANJA/ORANGE



KW1-1.PN

NAVY BLUE/AZUL MARINO/JAUNE



KW1-1.PA

YELLOW/AMARILLO/JAUNE



KW1-1.PY

GRAPE/UVA/RAISIN



KW1-1.PU

KWIKSET



6 PIN


KW1-2D
KW10

GREEN/VERDE/VERT



KW1-2D.PV

RED/ROJO/ROUGE



KW1-2D.PR

SMOKE/HUMO/FUMEE



KW1-2D.PB

ORANGE/NARANJA/ORANGE



KW1-2D.PN

NAVY BLUE/AZUL MARINO/JAUNE



KW1-2D.PA

YELLOW/AMARILLO/JAUNE



KW1-2D.PY

GRAPE/UVA/RAISIN



KW1-2D.PU

MASTER



GREEN/VERDE/VERT



MAS-10.PV

RED/ROJO/ROUGE



MAS-10.PR

SMOKE/HUMO/FUMEE



MAS-10.PB

ORANGE/NARANJA/ORANGE



MAS-10.PN

NAVY BLUE/AZUL MARINO/JAUNE



MAS-10.PA

YELLOW/AMARILLO/JAUNE



MAS-10.PY

GRAPE/UVA/RAISIN



MAS-10.PU


MAS-10
M1



ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

PHILLIPS




PHI-52

GREEN/VERDE/VERT



PHI-52.PV

RED/ROJO/ROUGE



PHI-52.PR

SMOKE/HUMO/FUMEE



PHI-52.PB

ORANGE/NARANJA/ORANGE



PHI-52.PN

NAVY BLUE/AZUL MARINO/JAUNE



PHI-52.PA

YELLOW/AMARILLO/JAUNE



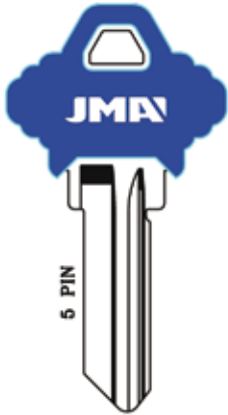
PHI-52.PY

GRAPE/UVA/RAISIN



PHI-52.PU

SCHLAGE




SLG-3
SC1

GREEN/VERDE/VERT



SLG-3.PV

RED/ROJO/ROUGE



SLG-3.PR

SMOKE/HUMO/FUMEE



SLG-3.PB

ORANGE/NARANJA/ORANGE



SLG-3.PN

NAVY BLUE/AZUL MARINO/JAUNE



SLG-3.PA

YELLOW/AMARILLO/JAUNE



SLG-3.PY

GRAPE/UVA/RAISIN



SLG-3.PU

WESLOCK




WES-1D
WK2

GREEN/VERDE/VERT



WES-1D.PV

RED/ROJO/ROUGE



WES-1D.PR

SMOKE/HUMO/FUMEE



WES-1D.PB

ORANGE/NARANJA/ORANGE



WES-1D.PN

NAVY BLUE/AZUL MARINO/JAUNE



WES-1D.PA

YELLOW/AMARILLO/JAUNE



WES-1D.PY

GRAPE/UVA/RAISIN



WES-1D.PU

CRISTAL KEYS

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YALE



5 PIN

YA-1D

GREEN/VERDE/VERT



YA-1D.PV

RED/ROJO/ROUGE



YA-1D.PR

SMOKE/HUMO/FUMEE



YA-1D.PB

ORANGE/NARANJA/ORANGE



YA-1D.PN

NAVY BLUE/AZUL MARINO/JAUNE



YA-1D.PA

YELLOW/AMARILLO/JAUNE



YA-1D.PY

GRAPE/UVA/RAISIN



YA-1D.PU

YALE



5 PIN

YA-41D
Y1

GREEN/VERDE/VERT



YA-41D.PV

RED/ROJO/ROUGE



YA-41D.PR

SMOKE/HUMO/FUMEE



YA-41D.PB

ORANGE/NARANJA/ORANGE



YA-41D.PN

NAVY BLUE/AZUL MARINO/JAUNE



YA-41D.PA

YELLOW/AMARILLO/JAUNE

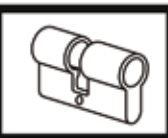


YA-41D.PY

GRAPE/UVA/RAISIN



YA-41D.PU



STYLEDECOR

*ENQUIRE ABOUT LATEST DESIGNS
PREGUNTE POR NUESTROS DISEÑOS
INFORMEZ-VOUS SUR NOS MODÉLES*




THE KEY TO EXCELLENCE
GLOBALY UNLOCKING MILLIONS OF DOORS

FANAL



NUMERO CODIGO D## SEGUN DISEÑO
NUMBER CODE D## AS PER DESIGN
NOMBRE CODE D## SELON DESIGN


FNL-1D.D##

KWIKSET




NUMERO CODIGO D## SEGUN DISEÑO
NUMBER CODE D## AS PER DESIGN
NOMBRE CODE D## SELON DESIGN


KWI-1.D##
KW1

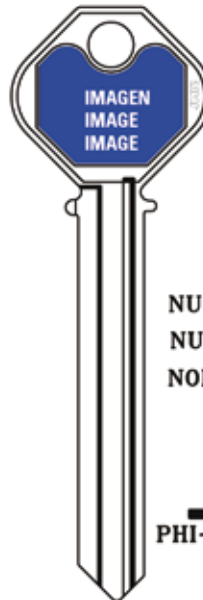
PHILLIPS



NUMERO CODIGO D## SEGUN DISEÑO
NUMBER CODE D## AS PER DESIGN
NOMBRE CODE D## SELON DESIGN


PHI-52.D##

PHILLIPS



NUMERO CODIGO D## SEGUN DISEÑO
NUMBER CODE D## AS PER DESIGN
NOMBRE CODE D## SELON DESIGN

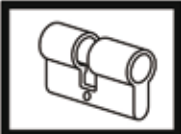

PHI-52L.D##

YALE



NUMERO CODIGO D## SEGUN DISEÑO
NUMBER CODE D## AS PER DESIGN
NOMBRE CODE D## SELON DESIGN


YA-1D.D##



FASHION

ENQUIRE ABOUT LATEST DESIGNS
PREGUNTE POR NUESTROS DISEÑOS
INFORMEZ-VOUS SUR NOS MODÉLES



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

FANAL

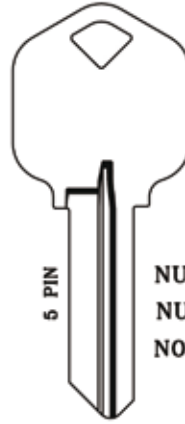


NUMERO CODIGO F## SEGUN DISEÑO
 NUMBER CODE F## AS PER DESIGN
 NOMBRE CODE F## SELON DESIGN



FNL-1D.F##

KWIKSET



5 PIN

NUMERO CODIGO F## SEGUN DISEÑO
 NUMBER CODE F## AS PER DESIGN
 NOMBRE CODE F## SELON DESIGN



KWI-1.D##
 KW1

PHILLIPS

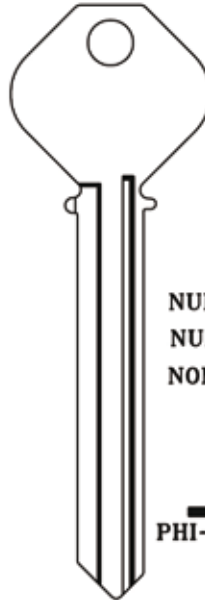


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 NUMBER CODE F## AS PER DESIGN
 NOMBRE CODE F## SELON DESIGN



PHI-52.F##

PHILLIPS

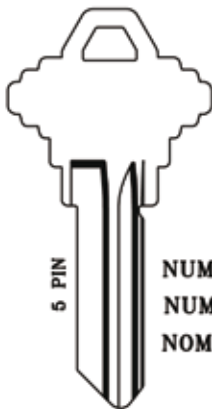


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 NUMBER CODE F## AS PER DESIGN
 NOMBRE CODE F## SELON DESIGN



PHI-52L.F##

SCHLAGE



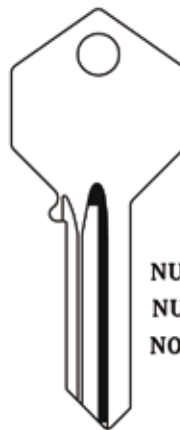
5 PIN

NUMERO CODIGO F## SEGUN DISEÑO
 NUMBER CODE F## AS PER DESIGN
 NOMBRE CODE F## SELON DESIGN



SLG-3.F##
 SC1

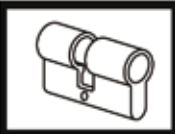
YALE



NUMERO CODIGO F## SEGUN DISEÑO
 NUMBER CODE F## AS PER DESIGN
 NOMBRE CODE F## SELON DESIGN



YA-1D.F##



PRO LINE

*LÍNEA PRO
LIGNE PRO*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

BEST



N.SILVER
ALPACA

 BES-21DS	 BES-22DS	 BES-23DS 1A1TD1	 BES-24DS 1A1TE1	 BES-25DS
 BES-16DS 1A1F1	 BES-17DS 1A1TB1	 BES-18DS	 BES-19DS	 BES-20DS
 BES-11DS 1A1M1	 BES-12DS 1A1Q1	 BES-13DS 1A1R1	 BES-14DS 1A1B1	 BES-15DS 1A1FM1
 BES-6DS 1A1G1	 BES-7DS 1A1H1	 BES-8DS 1A1J1	 BES-9DS 1A1K1	 BES-10DS 1A1L1
 BES-1DS 1A1A1	 BES-2DS 1A1C1	 BES-3DS 1A1D1	 BES-4DS 1A1DD1	 BES-5DS 1A1E1

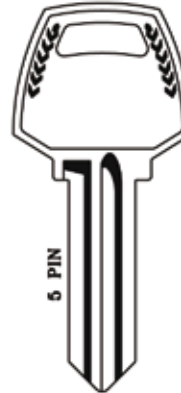
BEST



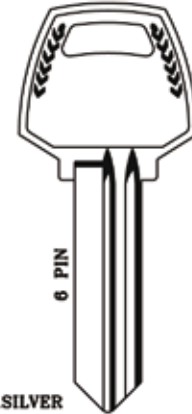
N.SILVER
ALPACA

 BES-32DS 1A1WH1	 BES-33DS 1A1WY1
 BES-30S 1A1WE1	 BES-31DS 1A1WG1
 BES-28DS 1A1WC1	 BES-29S 1A1WD1
 BES-26DS 1A1WA1	 BES-27DS 1A1WB1

CORBIN



N.SILVER
ALPACA



N.SILVER
ALPACA

COR-8S
ZI-60-5

COR-9S
ZI-60-6

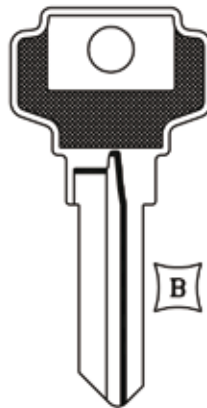
CORBIN



N.SILVER
ALPACA

 COR-122S ZI-59D1-6	 COR-123S ZI-59D2-6
 COR-120S ZI-59C1-6	 COR-121S ZI-59C2-6
 COR-118S ZI-59B1-6	 COR-119S ZI-59B2-6
 COR-116S ZI-59A1-6	 COR-117S ZI-59A2-6

DEXTER



DX-5DS
67

KWIKSET



KWI-1KS
1063KW

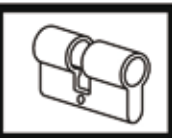


ONLY BRASS
SOLO LATON

KWI-2DC
KW10DND

























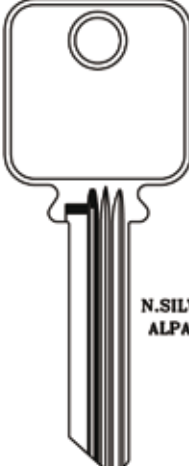

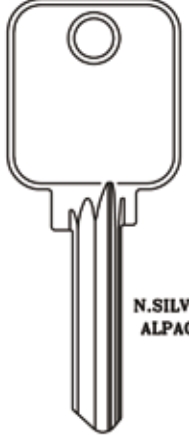





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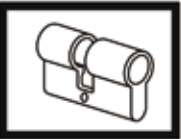
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PROLINE

KWIKSET	MASTER		MEDECO	
 <p>N.SILVER ALPACA</p>  <p>KWI-2DS 08260KW TITAN</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>MAS-9S M10</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>MAS-9DS M16</p>  <p>MAS-10S M1</p>  <p>MAS-10DS</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-1S 1517</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-2S A1517</p>
MEDECO				
 <p>N.SILVER ALPACA</p>  <p>MDC-3DS A1515</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-4S A1638</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-5S 1638</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-6S 1655</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-7S 1543</p>
MEDECO				
 <p>N.SILVER ALPACA</p>  <p>P MDC-8DS</p>	 <p>N.SILVER ALPACA</p>  <p>N3 MDC-9S</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-10S 1518</p>	 <p>N.SILVER ALPACA</p>  <p>F2 MDC-11S</p>	 <p>N.SILVER ALPACA</p>  <p>MDC-12DS 1542</p>

ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.



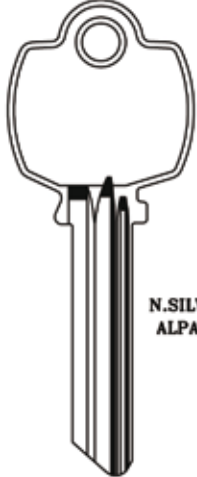






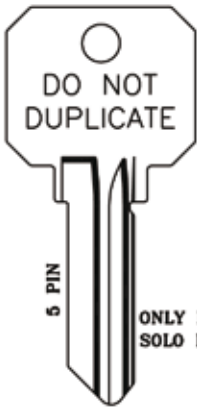

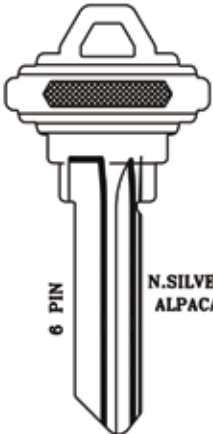


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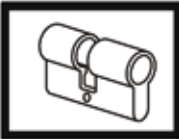
158

PROLINE

ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerne a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

MEDECO			PHILLIPS	RUSSWIN
 N.SILVER ALPACA R MDC-13DS	 N.SILVER ALPACA MDC-14DS 1515	 N.SILVER ALPACA L MDC-15S	 PHI-10	 N.SILVER ALPACA D1 RUS-4S 5D1R
RUSSWIN	SARGENT			SCHLAGE
 N.SILVER ALPACA D1 RUS-5S 6D1R	 N.SILVER ALPACA SAR-2DS 275S	 N.SILVER ALPACA LA SAR-7S 6275LA	 N.SILVER ALPACA LA SAR-8S 275LA	 DO NOT DUPLICATE 5 PIN ONLY BRASS SOLO LATON C SLG-3C SC1DND
SCHLAGE				
 5 PIN N.SILVER ALPACA E SLG-11S 100E C SLG-3S 100C	 6 PIN N.SILVER ALPACA EF SLG-10S 101EF F SLG-9S 101F CE SLG-8S 101CE E SLG-5S 101E C SLG-4S 101C	 DO NOT DUPLICATE 6 PIN ONLY BRASS SOLO LATON C SLG-4C SC4DND	 DO NOT DUPLICATE ONLY BRASS SOLO LATON E SLG-5C SC9DND	




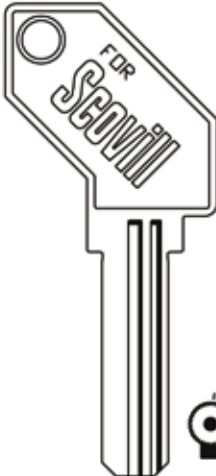




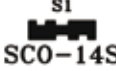


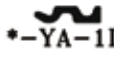
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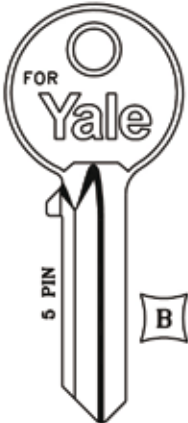




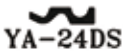

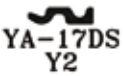




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PROLINE

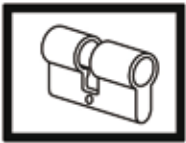
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VIRO		WEISER	YALE	
		 ONLY BRASS SOLO LATON	 S1 SCO-14S SCOVILL	 5 PIN B
 VI-1IS VR2	 VI-1DS VR91R	 WEI-3C WR5DND		 *YA-1IS
	 VI-2DS			 *-YA-1DS

YALE				
 5 PIN B	 6 PIN B	 6 PIN B		 ONLY BRASS SOLO LATON
 YA-24DS	 YA-22DS	 YA-17DS Y2	 YA-3DS	 YA-41DC Y1DND

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ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

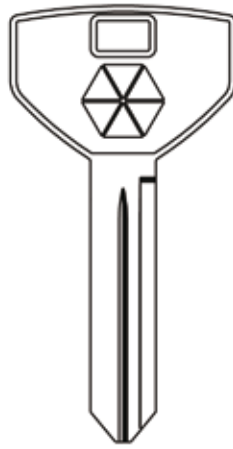
CHRYSLER




CHR-8S
Y152




CHR-8.PS
Y153P

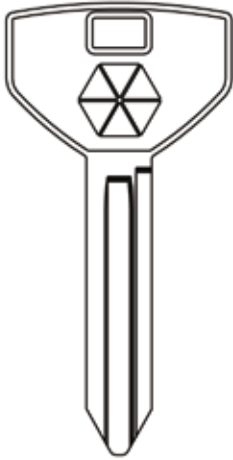



CHR-9S
Y154




CHR-9.PS
Y154P

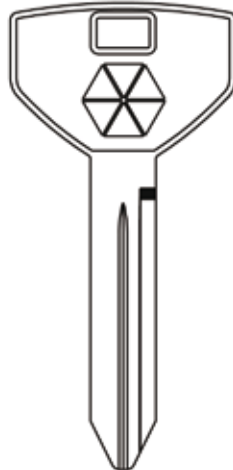
CHRYSLER



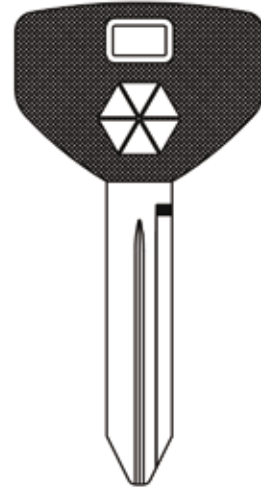

CHR-10S
Y155




CHR-10.PS
Y155P




CHR-14S
Y157

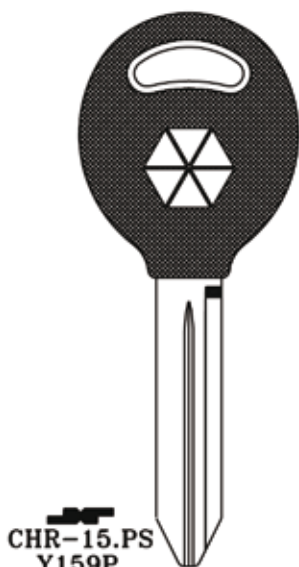




CHR-14.PS
Y157P

CHRYSLER




CHR-15S
Y159



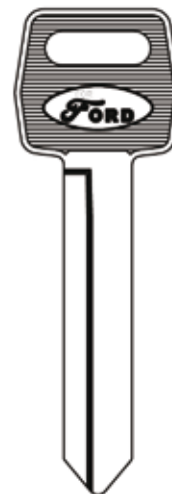

CHR-15.PS
Y159P

DODGE




CHR-14.PS1

FORD




FO-11DS
H60

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PROLINE

FORD



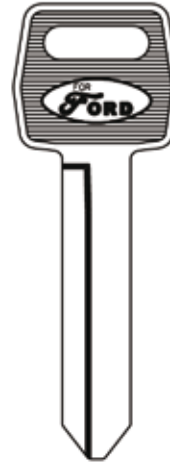
FO-15DS
H75



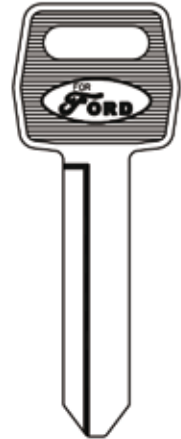
FO-15D.PS
H75P



FO-19S
H50



FO-20DS
H54



FO-21DS
H51

FORD



FO-27DS
H86



FO-27D.PS
H86P

GAS



GAS-1S

GENERAL MOTORS



E
GM-8S
B44
A
GM-6S
B48

J
GM-9S
B46
C
GM-7S
B50

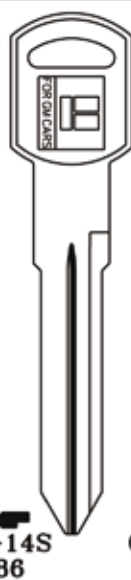
GENERAL MOTORS



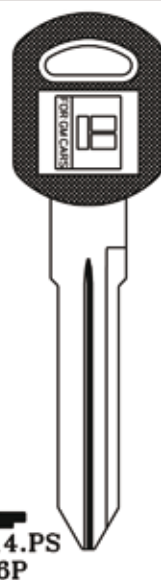
H
GM-12S
B45
B
GM-10S
B49



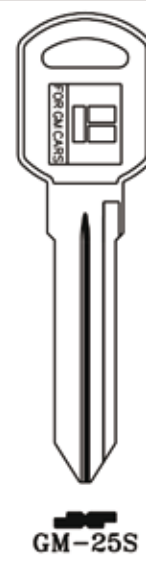
K
GM-13S
B47
D
GM-11S
B51



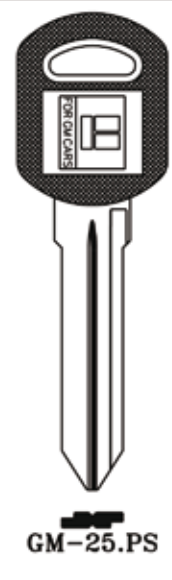
GM-14S
B86



GM-14.PS
B86P



GM-25S



GM-25.PS

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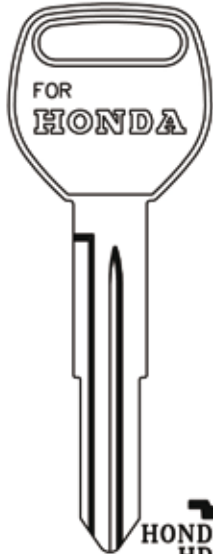
PROLINE

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

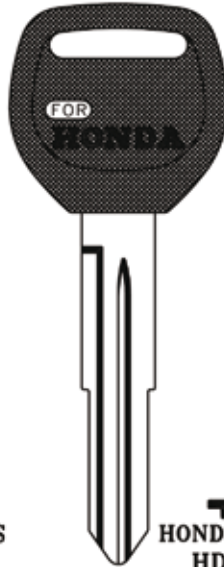
HONDA



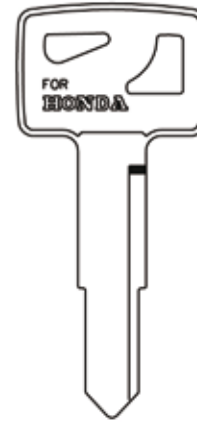
HOND-4IS HD75 HOND-4DS HD63



HOND-16DS HD103

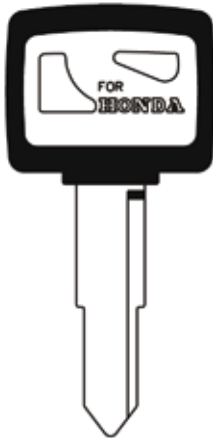


HOND-16D.PS HD103P

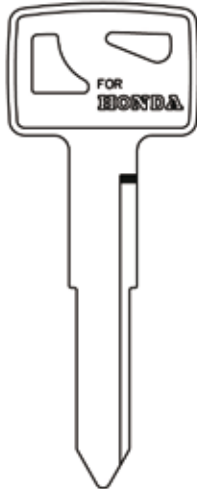


HOND-19S HOND-19DS

HONDA

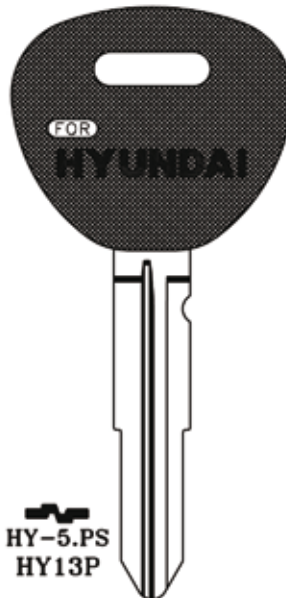


HOND-19.PS HOND-19D.PS



HOND-20S

HYUNDAI



HY-5.PS HY13P

KENWORTH



KEN-2DS

KENWORTH

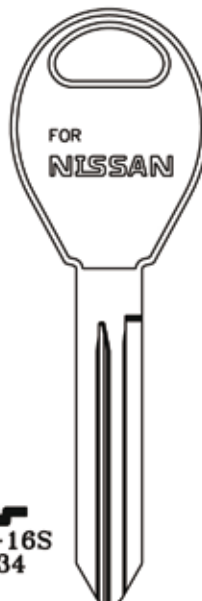


KEN-2D.PS

NISSAN



DAT-12S DA25



DAT-16S DA34



DAT-16.PS DA34P

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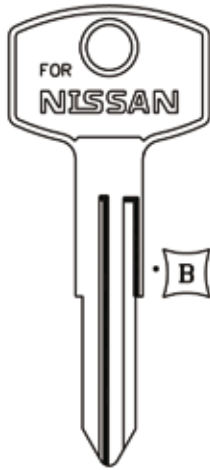
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PROLINE

NISSAN



*DAT-17S DAT-17DS



*DAT-21S DAT-21DS
62DT 62DU



DAT-22S
DA31



DAT-22.PS
DA31P

OPEL



OP-SS OP-DS
B61



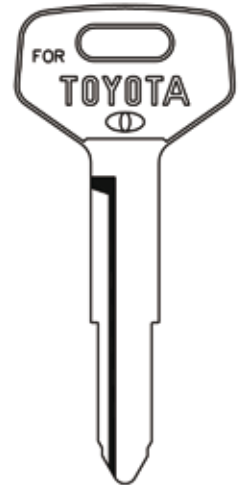
OP-S.PS OP-D.PS

SATURN



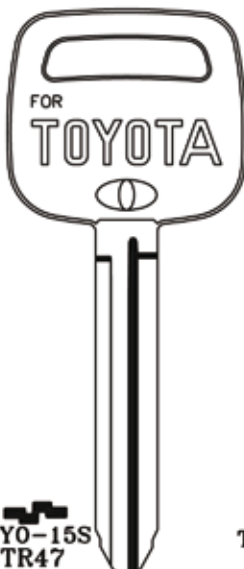
GM-37S
B106

TOYOTA



TOYO-12DS TOYO-12S
TR33

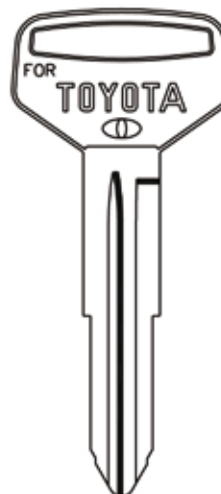
TOYOTA



TOYO-15S
TR47

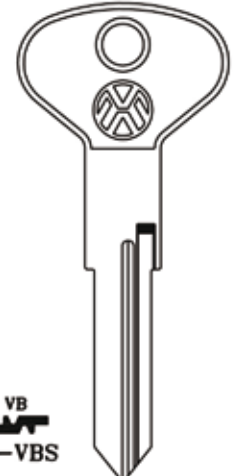


TOYO-15.PS
TR47P



TOYO-20S TOYO-20DS
TR40

VOLKSWAGEN



VB
VO-VBS
AH
VO-AHS

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCION: Con respecto a las marcas y denominaciones comerciales ver nota en indice. ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

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PROLINE

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VOLKSWAGEN



VB
VO-VB.PS

AH
VO-AH.PS
V37P



VO-8.P1S

VO-8D.P1S

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PROLINE



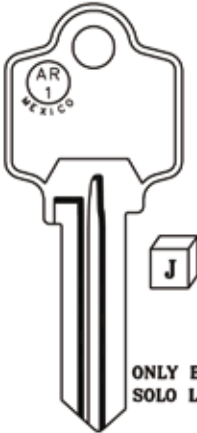

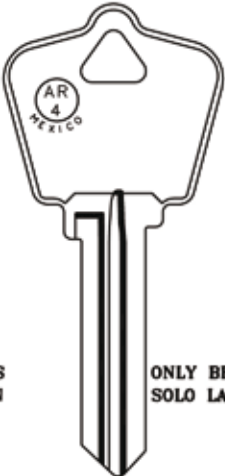

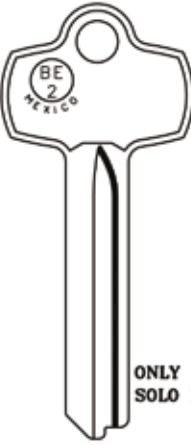



















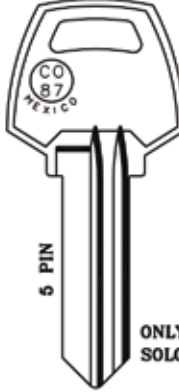

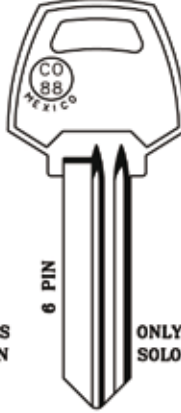

QUICKBLANKS LINE

*LÍNEA QUICKBLANKS
LIGNE QUICKBLANKS*



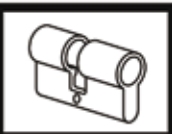
THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ATTENTION: Concerning the marks and commercial denominations see note in index. *ATENCIÓN: Concerne a las marcas y denominaciones comerciales ver nota en índice.* *ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.*

AMERICAN LOCK	ARROW		BEST	CCL
 <p>ONLY BRASS SOLO LATON</p>  <p>AME-1E AM3</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>ARR-4DE AR1 ALMET</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>ARR-5DE AR4 ALMET</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>BES-1DE BE2</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CCL-11E C068</p>
CCL	CHICAGO			
 <p>ONLY BRASS SOLO LATON</p>  <p>CCL-12E C026</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-2E CG1</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-7DE AP4</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-8DE AP3</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-9DE AP1</p>
CHICAGO			CORBIN	
 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-10DE AP2</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-12DE CG16</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>CHI-13DE CG17</p>	 <p>5 PIN ONLY BRASS SOLO LATON</p>  <p>COR-8E C087</p>	 <p>6 PIN ONLY BRASS SOLO LATON</p>  <p>COR-9E C088</p>

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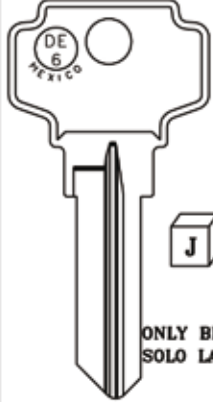
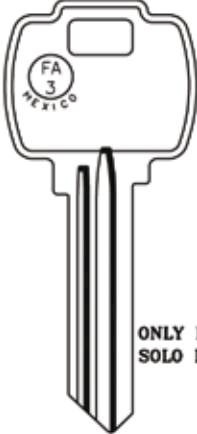

















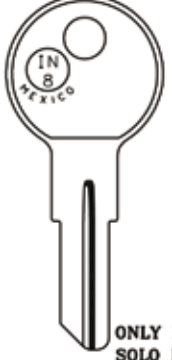
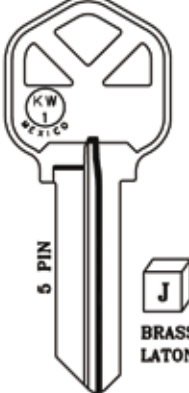





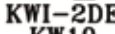
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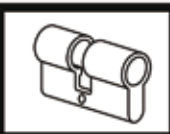
**QUICK
BLANKS**

ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

CORBIN			DEXTER		FALCON		
							
ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON			
 COR-56E CO89	 COR-62E CO7	 COR-63E CO91	 DX-5DE DE6	 FAL-1DE FA3 WEISER			
FANAL		FORT		HARLOC		HUDSON	
							
BRASS LATON		ONLY BRASS SOLO LATON		ONLY BRASS SOLO LATON		ONLY BRASS SOLO LATON	
 FNL-1DE		 FR-11DE FR2		 HAR-11E EA27		 HUD-3DE B01	
 HUD-3E CO106				 HUD-3E CO106			
ILCO				KWIKSET			
							
ONLY BRASS SOLO LATON		ONLY BRASS SOLO LATON		ONLY BRASS SOLO LATON		BRASS LATON	
 ILC-2DE IN33		 ILC-4DE IN3		 ILC-7DE IN8		 KWI-1KE KW1	
 KWI-2DE KW10				 KWI-2DE KW10			

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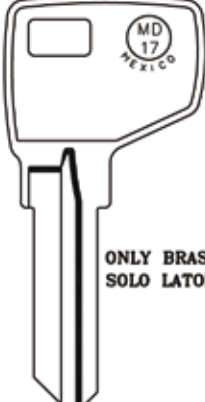

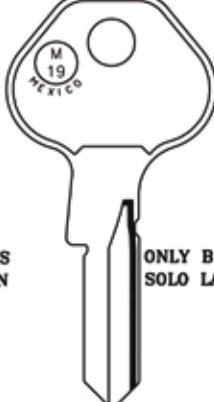

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**QUICK
BLANKS**

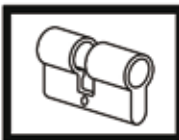
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KWIKSET	LOCKWOOD	LSDA	MASTER	
 <p>6 PIN BRASS LATON</p> <p>KW1-5DE KW11</p>	 <p>ONLY BRASS SOLO LATON</p> <p>LWO-4DE L1</p>	 <p>ONLY BRASS SOLO LATON</p> <p>LSD-1DE EZ1</p>	 <p>ONLY BRASS SOLO LATON</p> <p>7000 MAS-2DE M21</p>	 <p>ONLY BRASS SOLO LATON</p> <p>MAS-3DE M12</p>

MASTER				
 <p>ONLY BRASS SOLO LATON</p> <p>MAS-5DE M11</p>	 <p>ONLY BRASS SOLO LATON</p> <p>MAS-7E M2</p>	 <p>ONLY BRASS SOLO LATON</p> <p>MAS-9DE M16</p>	 <p>ONLY BRASS SOLO LATON</p> <p>MAS-9E M10</p>	 <p>ONLY BRASS SOLO LATON</p> <p>MAS-10E M1</p>

MASTER				NAT. CABINET
 <p>ONLY BRASS SOLO LATON</p> <p>MAS-13DE M13</p>	 <p>ONLY BRASS SOLO LATON</p> <p>MAS-16DE MD17</p>	 <p>ONLY BRASS SOLO LATON</p> <p>6000 MAS-18DE M20</p>	 <p>ONLY BRASS SOLO LATON</p> <p>900 MAS-19E M19</p>	 <p>ONLY BRASS SOLO LATON</p> <p>NTC-1DE NA14</p>


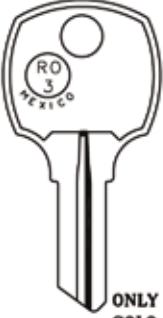










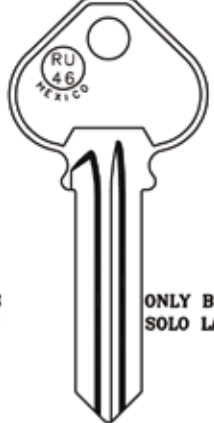

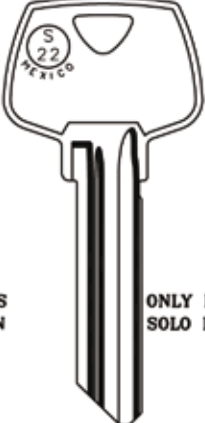






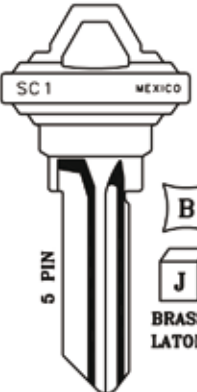
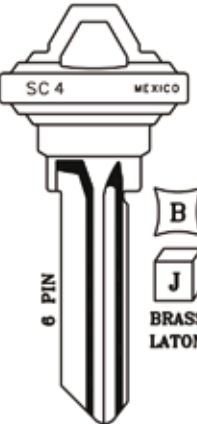
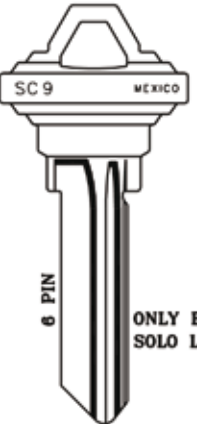
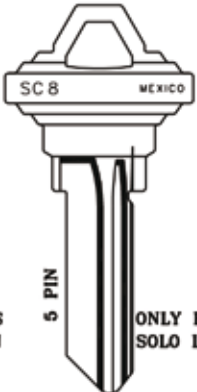





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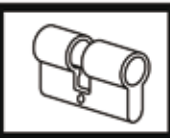
**QUICK
BLANKS**

ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

NATIONAL CABINET		NATIONAL LOCK		NATIONAL ROCKFORD		PAPAIZ	
							
ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON			ONLY BRASS SOLO LATON
							
PHILLIPS		RUSSWIN		SARGENT			
							
BRASS LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON	ONLY BRASS SOLO LATON		ONLY BRASS SOLO LATON
							
SCHLAGE							
							
ONLY BRASS SOLO LATON	5 PIN BRASS LATON	6 PIN BRASS LATON	6 PIN ONLY BRASS SOLO LATON	5 PIN ONLY BRASS SOLO LATON			
							

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
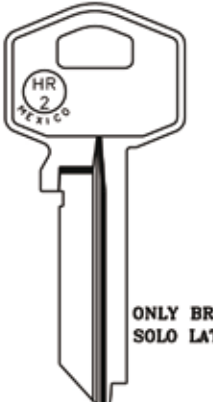







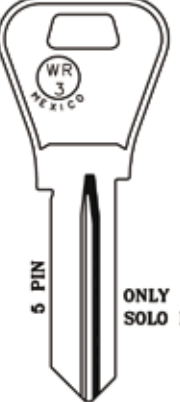

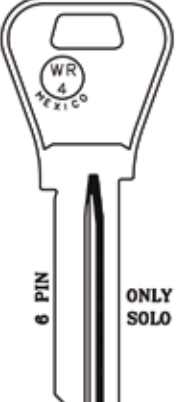

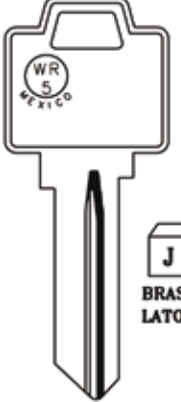





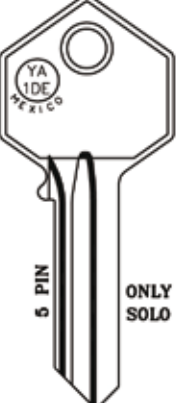

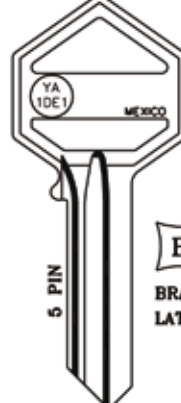



JMA



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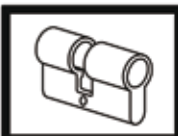
QUICK
BLANKS

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

SEGAL	SKILLMAN	TAYLOR	TESA	
 <p>ONLY BRASS SOLO LATON</p> <p>A K9</p>  <p>SEG-1DE SE1</p> <p>HUDSON-READING</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>SKI-1DE SK1</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>TAY-3E T7</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>TE-7DE HR2</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>TE-8IE</p>
TIMBERLINE		VIRO		
 <p>ONLY BRASS SOLO LATON</p>  <p>TIM-1DE IL11</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>VI-2IE VR7</p>	 <p>6 PIN</p> <p>ONLY BRASS SOLO LATON</p>  <p>WEI-1E WR3</p>	 <p>6 PIN</p> <p>ONLY BRASS SOLO LATON</p>  <p>WEI-2E WR4</p>	 <p>BRASS LATON</p>  <p>WEI-3E WR5</p>
WESLOCK		YALE		
 <p>BRASS LATON</p>  <p>WES-1DE WK2</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>XL-1E XL7</p>	 <p>5 PIN</p> <p>ONLY BRASS SOLO LATON</p>  <p>YA-1DE</p>	 <p>5 PIN</p> <p>BRASS LATON</p>  <p>YA-1DE1</p>	 <p>ONLY BRASS SOLO LATON</p>  <p>YA-13DE Y52</p>

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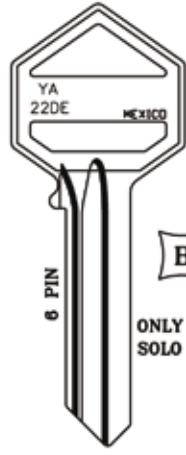
**QUICK
BLANKS**

YALE



ONLY BRASS
SOLO LATON

YA-17DE
Y2



ONLY BRASS
SOLO LATON

YA-22DE



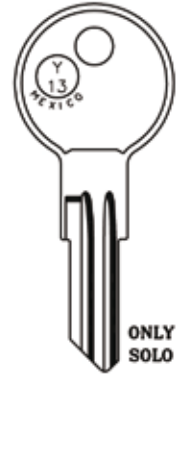
ONLY BRASS
SOLO LATON

YA-34DE
Y1E



ONLY BRASS
SOLO LATON

YA-41DE
Y1



ONLY BRASS
SOLO LATON

YA-44E
Y13

YALE



ONLY BRASS
SOLO LATON

YA-44DE
Y11



ONLY BRASS
SOLO LATON

YA-45E
Y14



ONLY BRASS
SOLO LATON

YA-45DE
Y12



ONLY BRASS
SOLO LATON

YA-54DE
Y103

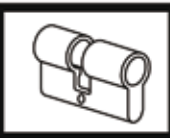


ONLY BRASS
SOLO LATON

YA-82DE
Y6

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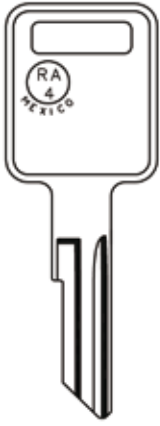


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QUICK
BLANKS

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

AMERICAN MOTORS



AMM-3E
RA4



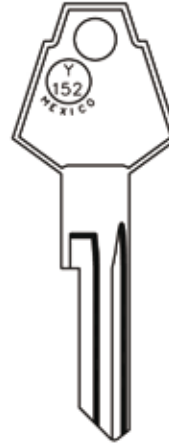
AMM-4E
B5

BRIGGS & STRATTON

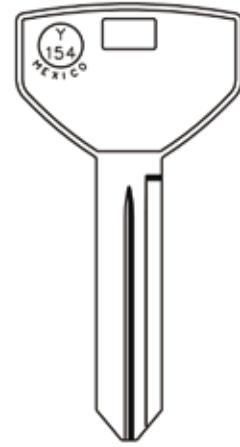


BS-10E
B1

CHRYSLER

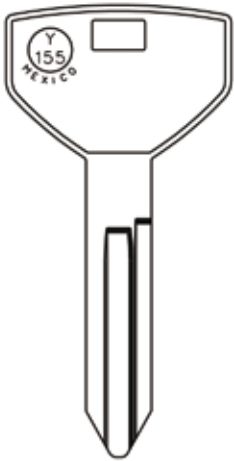


CHR-8E
Y152



CHR-9E
Y154

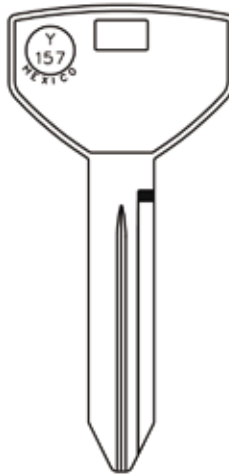
CHRYSLER



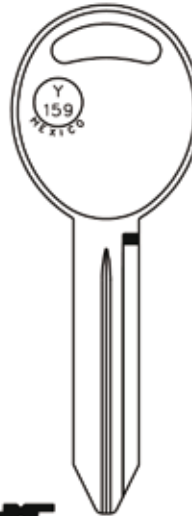
CHR-10E
Y155



CHR-12E
Y149



CHR-14E
Y157

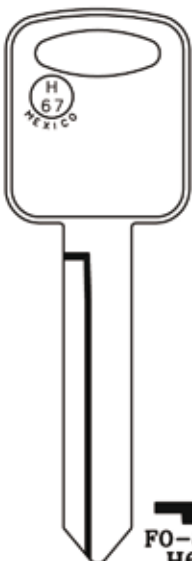


CHR-15E
Y159

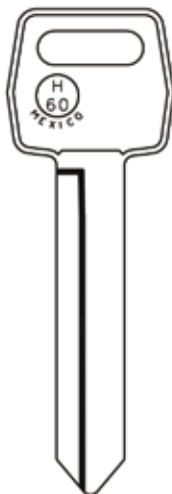


CHR-18E
Y153

FORD



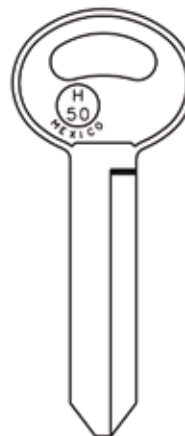
FO-8DE
H67



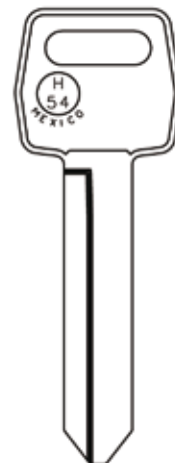
FO-11DE
H60



FO-15DE
H75



FO-19E
H50



FO-20DE
H54

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**QUICK
BLANKS**

FORD


FO-21DE
H51

GENERAL MOTORS


GM-8E
B48




GM-7E
B50




GM-8E
B44



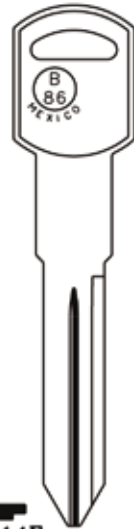

GM-10E
B49

GENERAL MOTORS

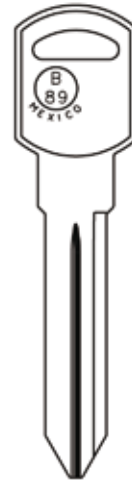

GM-11E
B51




GM-12E
B45



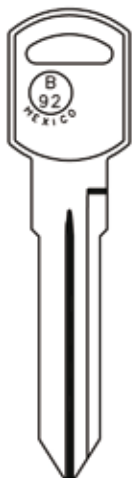

GM-14E
B86



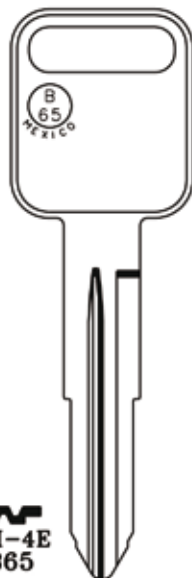

GM-30E
B89



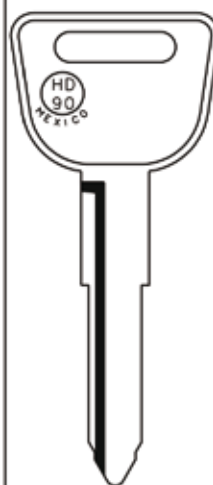

GM-34E
B91

GENERAL MOTORS

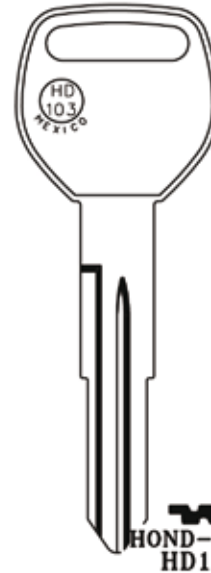

GM-36E
B92

GEO

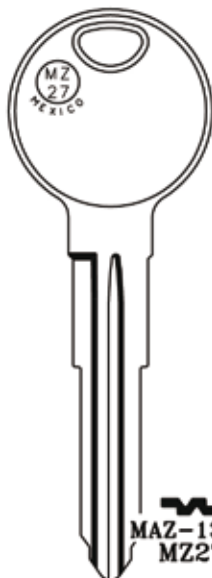

GM-4E
B65

HONDA


HOND-10E
HD90




HOND-16DE
HD103

MAZDA


MAZ-13DE
MZ27

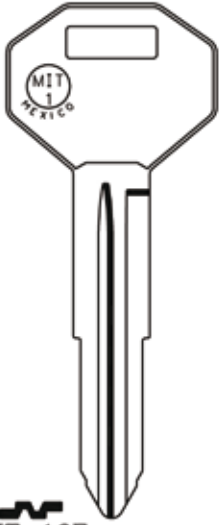
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BLANKS**

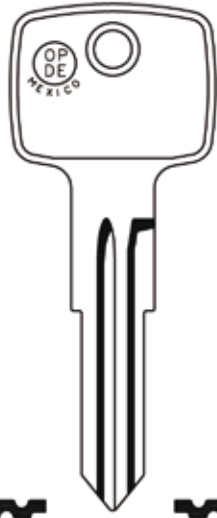
ATTENTION: Concerning the marks and commercial denominations see note in index. ATTENCIÓN: Con respecto a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

ATTENTION: Concerning the marks and commercial denominations see note in index. ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice. ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.

MITSUBISHI



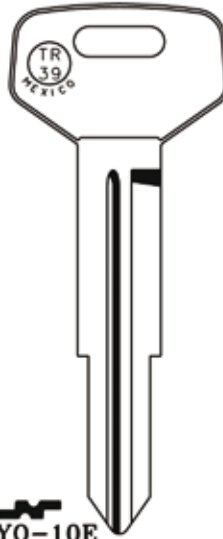

MIT-16E
MIT1



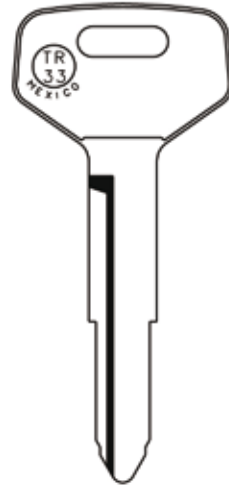
 OP-SE
 OP-DE

G.M

TOYOTA

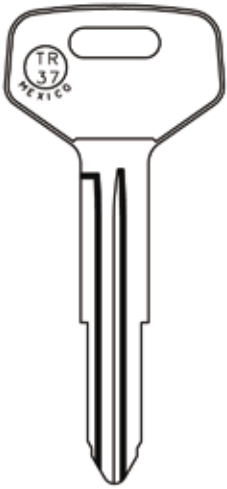



TOYO-10E
TR39

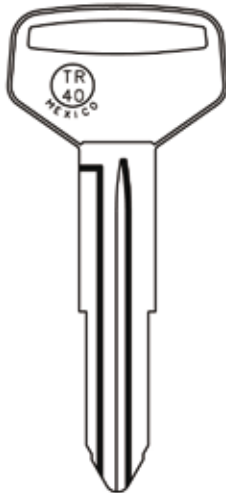



TOYO-12E
TR33

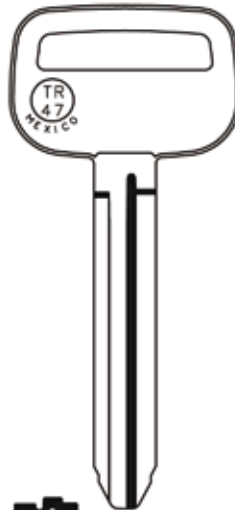
TOYOTA




TOYO-13E
TR37




TOYO-20DE
TR40




TOYO-15E
TR47

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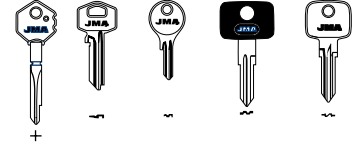
MACHINES

*MÁQUINAS
MACHINES*



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

ECCO



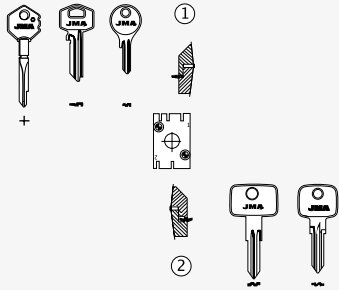
Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

FEATURES / CARACTERÍSTICAS / CARACTÉRISTIQUES

- ECCO**
- 2 ways jaws / Mordazas reversibles de 2 caras / Mâchoires réversibles de 2 faces
 - Tracer point with micromatic adjustment / Palpador templado / Palpeur tempé
 - Protection device / Pantalla de protección / Écran de protection
 - Safety fuse fitted / Protección por fusible / Protection par fusibles



CODE / CÓDIGO MOTOR / MOTEUR

ECCO 110 V. - 60 Hz. -
0,18 Kw. - 1.500 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

ECCO
Cutter / Fresa / Fraise FP11 (63x5x16)
Width / Ancho / Largeur 470 mm.
Height / Alto / Hauteur 280 mm.
Depth / Profundidad / Profondeur 245 mm.
Weight / Peso / Poids 15 Kg.



1. 2 way machined vice jaw / Mordaza de 2 lados mecanizada / Mâchoire à 2 côtés USINES (és)



2. Tracer point with micrometric adjustment / Índice coprador con regulación micrométrica / Palpeur de contrôle

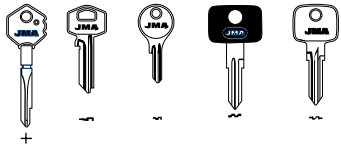


3. Protection device / Pantalla de protección / Écran de protection



KEY CUTTING

MÁQUINAS DUPLICADORAS



ECCO PLUS



Semi automatic, duplicating machine, designed to cut flat, cylinder, automotive, cruciform and special keys.

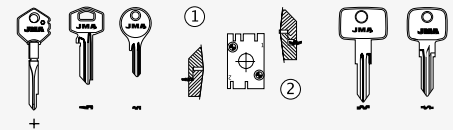
Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

FEATURES / CARACTERÍSTICAS / CARACTÉRISTIQUES

ECCO PLUS

- 2 ways jaws / Mordazas reversibles de 2 caras / Mâchoires réversibles de 2 faces
- Tracer point with micrometric adjustment / Palpador templado / Palpeur tempé
- Protection device / Pantalla de protección / Écran de protection
- Brush / Cepillo / Brosse
- Side lever / Palanca lateral / Levier latéral
- Micro - switch / Micro - interruptor / Micro - interrupteur
- Safety fuse fitted / Protección por fusible / Protección par fusibles



CODE / CÓDIGO MOTOR / MOTEUR

ECCO 110 V. - 60 Hz. -
0,18 Kw. - 1.800 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

	ECCO PLUS
Cutter / Fresa / Fraise	FP11 (63x5x16)
Width / Ancho / Largeur	520 mm.
Height / Alto / Hauteur	280 mm.
Depth / Profundidad / Profondeur	245 mm.
Weight / Peso / Poids	16 Kg.

1. 2 way machined vice jaw / Mordaza de 2 lados mecanizada / Mâchoire à 2 côtés USINES (és)

2. Tracer point with micrometric adjustment / Índice copiator con regulación micrométrica / Palpeur de contrôle

3. Protection device / Pantalla de protección / Écran de protection

4. Built in Brush / Cepillo incorporado / Brosse incorporée

5. Side lever / Palanca lateral / Levier latéral



THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS

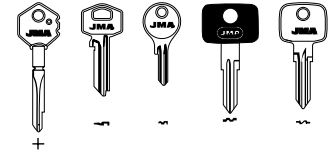
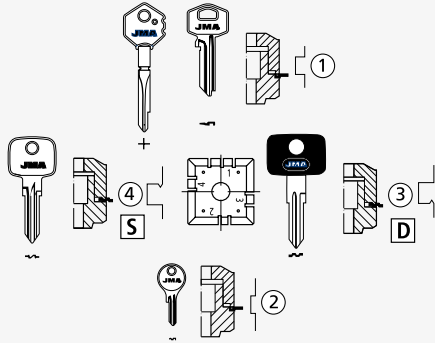
ECCO AUTOMATIC

Automatic duplicating machine for flat keys for cylinder, automobile locks, cruciform and special keys.

Máquina automática para el duplicado de llaves planas para cerradura a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Machine automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

New design, more power and resistance / Nuevo diseño de mordaza de mayor agarre y resistencia / Mâchoires nouvellement conçues, adhérence et résistance accrues



CE



CODE / CÓDIGO MOTOR / MOTEUR

ECCO AUTOMATIC 110 V. - 60 Hz. -
0,18 Kw. - 1.500 r.p.m.

ECCO AUTOMATIC 110 V. - 60 Hz. -
0,18 Kw. - 1.500 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise FP11 (63x5x16)
Width / Ancho / Largeur 520 mm.
Height / Alto / Hauteur 280 mm.
Depth / Profundidad / Profondeur 245 mm.
Weight / Peso / Poids 16 Kg.

1. 4 way hard steel jaws / Mordaza de 4 lados mecanizada / Mâchoires à 4 côtes USINES (és)

2. Tracer point with micrometric adjustment / Índice copiator con regulación micrométrica / Palpeur de contrôle

3. Built in Brush / Cepillo incorporado / Brosse incorporée

4. Independent brush switch / Funcionamiento cepillo forma autónoma / Fonctionnement autonome de la brosse



KEY CUTTING

MÁQUINAS DUPLICADORAS



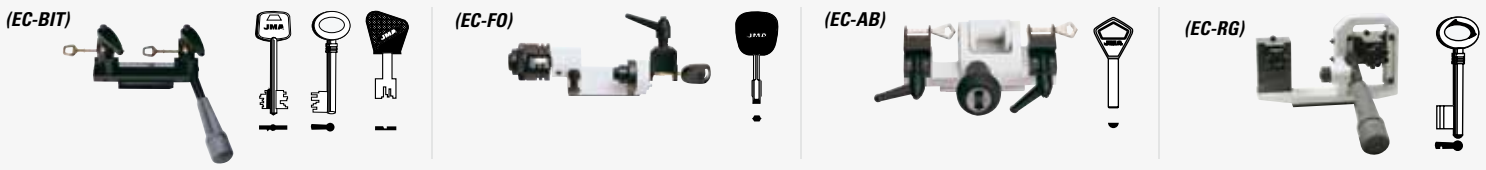
ECCO COMBI

Versatile duplicating machine with interchangeable carriages (sold separately) for Abloy, Ford and Mortice keys.

Máquina semiautomática versátil (en función de sus carros) para llaves de gorda de paletón y doble paletón, llaves tipo Abloy y llaves FORD (por código) y regata.

Machine semi-automatique polyvalente (en fonction de ses chariots) pour clés à gorges d'un panneton et de double panneton clés type Abloy, clés type FORD (par code) et èves.

OPTIONS / OPCIONES / OPTIONS



TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

	E. BIT	E. RG	E. ABL	E. RG
Cutter / Fresa / Fraise	FP8 (63x1,4x16)	FP8 (63x1,4x16)	FP8FP8(63x1,4x16)	(63x1,4x16)
Width / Ancho / Largeur	520 mm.			
Height / Alto / Hauteur	280 mm.			
Depth / Profundidad / Profondeur	245 mm.			
Weight / Peso / Poids	16 Kg.			

FEATURES / CARACTERÍSTICAS / CARACTÉRISTIQUES

	E. BIT	E. BIT	E. BIT	E. BIT
Tracer point with micrometric adjustment / / Palpador de paso controlado / Palpeur de contrôle	•	•	•	•
Cutter guard / Pantalla de protección / Écran de protection	•	•	•	•
Brush / Cepillo / Brosse	•	•	•	•
Micro - switch / Micro - interruptor / Micro - interrupteur	•	•	•	•
Safety fuse fitted / Protección por fusibles fitted / Protection par fusibles	•	•	•	•
FORD carriage / Carro FORD / Chariot FORD				•
ABLLOY carriage / Carro ABLLOY / Chariot ABLLOY			•	
RG carriage / Carro RG / Chariot RG		•		
BIT carriage / Carro BIT / Chariot BIT	•			

CODE / CÓDIGO MOTOR / MOTEUR

ECCO COMBI	110 V. - 60 Hz - 0,18 Kw. - 1.800 r.p.m.
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1. Tracer point with micrometric adjustment /
Índice coprador con regulación micrométrica /
Palpeur de contrôle



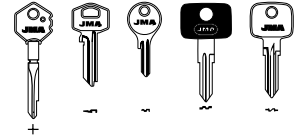
2. Cutter guard / Pantalla de protección /
Écran de protection



3. Built in Brush / Cepillo incorporado
/ Brosse incorporée



TITAN

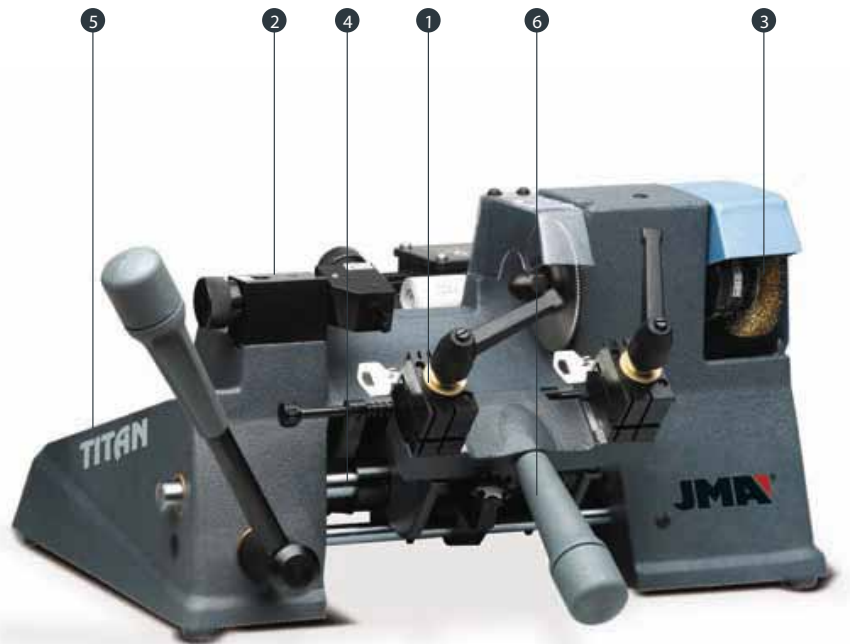
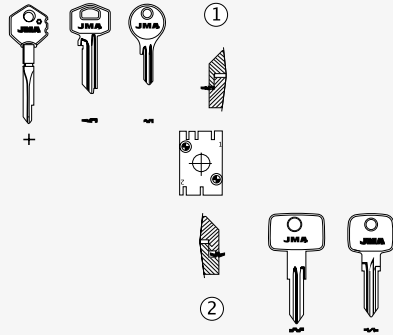


Heavy Duty Semi Automatic duplicating machine, for flat cylinder, Automotive, cruciform and special keys.

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

New design, more power and resistance / Nuevo diseño de mordaza de mayor agarre y resistencia / Mâchoires nouvellement conçues, adhérence et résistance accrues



CODE / CÓDIGO MOTOR / MOTEUR

TITAN

110 V. - 60 Hz. -
0,18 Kw. - 1.700 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise	FP24 (80x5x16 - 42°)
Width / Ancho / Largeur	410 mm.
Height / Alto / Hauteur	240 mm.
Depth / Profundidad / Profondeur	350 mm.
Weight / Peso / Poids	23 Kg.
Speed / Velocidad / Vitesse	640 r.p.m.

1. 2 way hard steel jaws / Mordaza de 2 lados mecanizada / Mâchoires à 2 côtes USINES (és)

2. Tracer point with micrometric adjustment / Índice copiator con regulación micrométrica / Palpeur de contrôle

3. Built in brush / Cepillo incorporado / Brosse incorporée

4. Double shaft movement system / Sistema de movimiento de doble árbol / Système de mouvement à double arbre

5. Independent brush switch / Funcionamiento cepillo forma autónoma / Fonctionnement autonome de la brosse

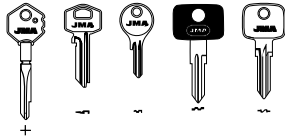
6. Carriage release lever / Palanca para desenganchar el carro / Levier de déblocage du chariot



KEY CUTTING

MÁQUINAS DUPLICADORAS

TITAN MASTER



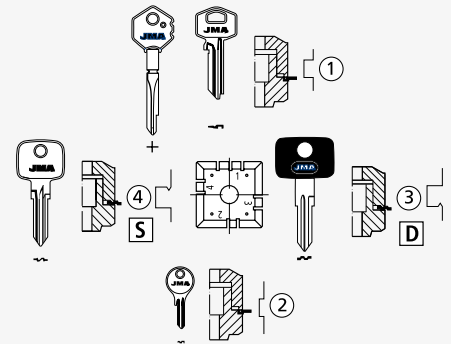
CE

Heavy Duty Semi Automatic duplicating machine, for flat cylinder, Automotive, cruciform and special keys.

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

New design, more power and resistance / Nuevo diseño de mordaza de mayor agarre y resistencia / Mâchoires nouvellement conçues, adhérence et résistance accrues



CODE / CÓDIGO MOTOR / MOTEUR

TITAN

110 V. - 60 Hz.
0,18 Kw. - 1.700 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise	FP24 (80x5x16 - 42°)
Width / Ancho / Largeur	410 mm.
Height / Alto / Hauteur	240 mm.
Depth / Profundidad / Profondeur	350 mm.
Weight / Peso / Poids	23 Kg.
Speed / Velocidad / Vitesse	640 r.p.m.

1. 4 way hard steel jaws / Mordaza de 4 lados mecanizada / Mâchoires à 4 côtes USINES (és)

2. Tracer point micrometric adjustment / Índice copiator con regulación micrométrica / Palpeur de contrôle



3. Built in brush / Cepillo incorporado / Brosse incorporée

4. Double shaft movement system / Sistema de movimiento de doble árbol / Système de mouvement à double arbre

5. Independent brush switch / Funcionamiento cepillo forma autónoma / Fonctionnement autonome de la brosse

6. Swarf collection tray / Bandeja para virutas / Tiroir à copeaux

7. Tool storage tray / Compartimento para herramientas / Compartiment pour outils

8. Lamp attachment / Lámpara incorporada / Lampe incorporée



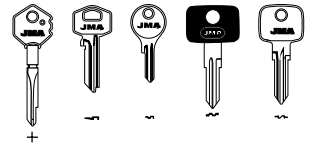
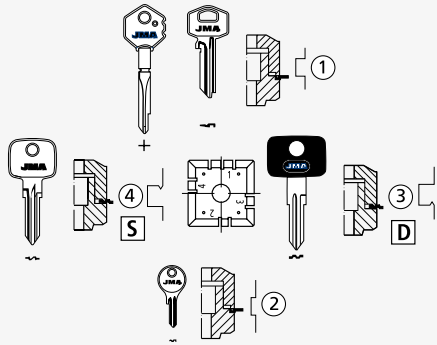
DAKOTA EXTRA

Heavy Duty Semi Automatic duplicating machine, for flat cylinder, Automotive, cruciform and special keys.

Máquina semiautomática para el duplicado de llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales.

Machine semi-automatique pour la duplication de clés plates pour serrures à cylindre et pour véhicules, clés cruciformes (en croix) et spéciales.

New design, more power and resistance / Nuevo diseño de mordaza de mayor agarre y resistencia / Mâchoires nouvellement conçues, adhérence et résistance accrues



CODE / CÓDIGO MOTOR / MOTEUR

DAKOTA EXTRA

110 V. - 60 Hz. -
0,18 Kw. - 1.800 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise	FP24 (80x5x16 - 42°)
Width / Ancho / Largeur	520 mm.
Height / Alto / Hauteur	280 mm.
Depth / Profundidad / Profondeur	245 mm.
Weight / Peso / Poids	23 Kg.
Speed / Velocidad / Vitesse	530 r.p.m.

1. 4 way hard steel jaws /
Mordaza de 4 lados mecanizada
/ Mâchoires à 4 côtes USINES
(és)



1. Tracer point with micrometric adjustment / Índice copiadore con regulación micrométrica / Palpeur de contrôle

3. Swarf collection tray / Bandeja para virutas / Tiroir à copeaux
4. Tool storage tray / Compartimento para herramientas / Compartiment pour outils

5. Built in brush / Cepillo incorporado / Brosse incorporée

6. Lamp attachment / Lámpara incorporada / Lampe incorporée

7. Double shaft movement system / Sistema de movimiento de doble árbol / Système de mouvement à double arbre

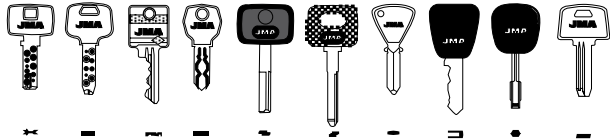
8. Independent brush switch / Funcionamiento cepillo forma autónoma / Fonctionnement autonome de la brosse



KEY CUTTING

MÁQUINAS DUPLICADORAS

DAKKI



CE

CE



Duplicating machine for special security keys.
Máquina duplicadora de llaves especiales de seguridad.
Machine reproductrice de clés spéciales de sécurité.

OPTIONAL ADAPTERS / ADAPTADORES OPCIONALES / ADAPTATEURS

Angle adapter / Adaptador de ángulo / Angle adapter
(AD-15°) (AD-45°)



BMW keys / Llave BMW / BMW clés MCM keys / Llave MCM / MCM clés
(AD-MJ) (AD-MCM)



MERCEDES Keys / Llaves Mercedes / Clés MERCEDES (AD-MM) FORD keys / Llaves FORD / Clés FORD (AD-FD)



CODE / CÓDIGO MOTOR / MOTEUR

DAKKI

110 V - 60 Hz.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise	F1 90° (HSS)
Tracer / Palpador / Palpeur	P1
Width / Ancho / Largeur	270 mm.
Height / Alto / Hauteur	378 mm.
Depth / Profundidad / Profondeur	340 mm.
Weight / Peso / Poids	18 Kg.
Speed / Velocidad / Vitesse	5.500 r.p.m.
Functional range / Rango funcional / Rang fonctionnel (x,y,z)	32, 40, 27

4. Fixed 1 side clamps / Mordazas fijas de una cara / Mâchoires fixes une face

5. Easy to use / Máquina de sencilla manipulación / Manipulation aisée

6. Small dimensions / Reducidas dimensiones / Dimensions réduites

3. Upright movement blocking system / Bloqueo eje desplazamiento vertical / Blocage axe de déplacement vertical

2. Side movement blocking system / Bloqueo eje desplazamiento lateral / Blocage axe de déplacement latéral

1. Semi automatic tracer / Reglaje palpador semiautomático / Réglage du palpateur semi-automatique



DAKAR

Heavy Duty semi automatic high security duplicating machine for special security keys, tubular keys, cylinder keys and Fichet type keys.

Máquina semiautomática para el duplicado de llaves especiales de seguridad, llaves tubulares, cilíndricas de diferentes diámetros y llaves de tipo Fichet.

Machine semi-automatique pour la duplication de clés spéciales de sécurité, clés tubulaires, cylindriques de différents diamètres et clés type Fichet.

OPTIONAL ADAPTERS / ADAPTADORES OPCIONALES / ADAPTATEURS

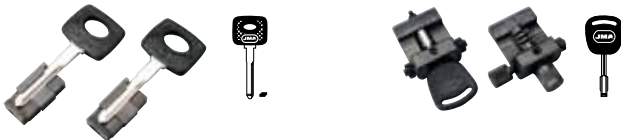
Angle adapter / Adaptador de ángulo / Angle adapter
(AD-15°) (AD-45°)



BMW keys / Llave BMW / BMW clés MCM keys / Llave MCM / MCM clés
(AD-MJ) (AD-MCM)



MERCEDES Keys / Llaves Mercedes / Clés MERCEDES (AD-MM) FORD keys / Llaves FORD / Clés FORD (AD-FD)



CODE / CÓDIGO MOTOR / MOTEUR

DAKAR 110 V. - 60 Hz.
2.000 W. - 8.000 r.p.m.

TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise	F13, F1
Tracer / Palpador / Palpeur	P13, P1
Width / Ancho / Largeur	310 mm.
Height / Alto / Hauteur	420 mm.
Depth / Profundidad / Profondeur	275 mm.
Functional range / Rango funcional / Rang fonctionnel	60, 60, 40
Lamp / Lámpara / Lampe	25 W
Weight / Peso / Poids	25 Kg.
Speed I / Velocidad I / Vitesse I	5.500 r.p.m.
Speed II / Velocidad II / Vitesse II	8.000 r.p.m.



1. Tilting clamps for all types of keys with angles up to 45° / Mordazas basculantes para el duplicado de llaves de puntos, especiales y tubulares / Mâchoires à bascule pour la duplication de clés à points, spéciales et tubulaires

2. Blocking tracer / Dispositivo con muelle palpador / Dispositif avec ressort palpeur

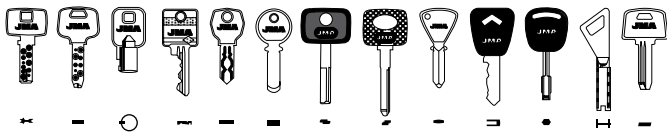
3. Electronic set up device / Sistema de regulación electromecánico / Système de régulation électromécanique

4. Micrometric ring for setting up (0,02") / Aro micrométrico (0,02") / Bague micrométrique (0,02")

5. Safety guard / Protección para virutas / Protection pour copeaux

6. Lamp / Lámpara / Lampe

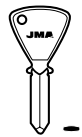
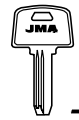
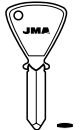
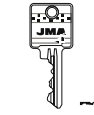
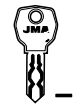
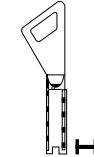
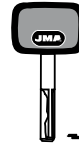
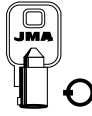




KEY CUTTING

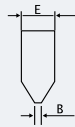
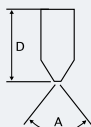
MÁQUINAS DUPLICADORAS

CAPABILITIES / UTILIZACIÓN / UTILISATION



OPTIONAL TRACERS AND CUTTERS / FRESAS Y PALPADORES OPCIONALES / FRAISE ET PALPEURS

TRACERS FRESAS FRAISE	A	B	C	CUTTERS PALPADORES PALPEURS	TRACERS FRESAS FRAISE	A	B	C	CUTTERS PALPADORES PALPEURS
F1	90	0,8		P1	F12A	100	0,6		P12A
F1W*	90	0,8		P1	F12B	100-90	2,1-2,9		P12B
F3			1,5	P3	F13	100	0,8		P13
F3W*			1,5	P3	F13W*	100	0,8		P13
F4	90	0,4		P4	F14	100	1,45		P14
F5	90	0,9		P5	F15		2	5	P15
F6	106	1		P6	F16	130	0,6		P16
F7	70	0,8		P7	F17			3	P17
F8			4	P8	F22			2,4	P22
F8W*			4	P8	F26	90	0,6		P26
F9			5,95	P9	F43	90	0,7		P43
F9W*			5,95	P9	FB	90-90	2,7-3,3		PB
F11			2,5	P11	FC	80-80			PC
F11W*			2,5	P11					



DAKAR EXPRESS

Heavy Duty semi automatic high security duplicating machine for special security keys.

Máquina semiautomática para el duplicado de llaves especiales de seguridad.

Machine semi-automatique pour la duplication de clés spéciales de sécurité.

OPTIONAL ADAPTERS / ADAPTADORES OPCIONALES / ADAPTATEURS

Angle adapter / Adaptador de ángulo / Angle adapter
(AD-15°) (AD-45°)



BMW keys / Llave BMW / BMW clés (AD-MJ) MCM keys / Llave MCM / MCM clés (AD-MCM)

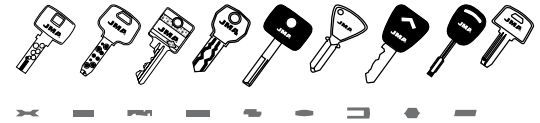


MERCEDES Keys / Llaves Mercedes / Clés MERCEDES (AD-MM) FORD keys / Llaves FORD / Clés FORD (AD-FD)



CODE / CÓDIGO MOTOR / MOTEUR

DAKAR EXPRESS 110 V. - 60 Hz.
2.000 W. - 8.000 r.p.m.



TECHNICAL DATA / DATOS TÉCNICOS / DONNÉES TECHNIQUES

Cutter / Fresa / Fraise	F1
Tracer / Palpador / Palpeur	P1
Width / Ancho / Largeur	310 mm.
Height / Alto / Hauteur	420 mm.
Depth / Profundidad / Profondeur	275 mm.
Functional range / Rango funcional / Rang fonctionnel	60, 60, 40
Lamp / Lámpara / Lampe	25 W
Weight / Peso / Poids	25 Kg.
Speed / Velocidad / Vitesse	5.500 r.p.m.

3. Electronic set up device / Sistema de regulación electromecánico / Système de régulation électromécanique

4. Blocking tracer / Dispositivo con muelle palpador / Dispositif avec ressort palpeur

5. Micrometric ring for setting up (0,02") / Aro micrométrico (0,02") / Bague micrométrique (0,02")

6. Safety guard / Protección para virutas / Protection pour copeaux

7. Tool storage tray / Compartimiento para accesorios / Plateau de rangement d'outils

8. Lamp / Lámpara / Lampe



ELECTRONIC MACHINES

MÁQUINAS ELECTRÓNICAS

TRS-5000+CLONER+TPH CLONER



Cloning machine that recognizes and duplicates, fixed and crypted transponder keys. Copy keys for most vehicles on the road onto JMA exclusive TPX1, TPX2 and TPX3 transponder.

Máquina electrónica para el reconocimiento y duplicado de llaves con transponder (fijos y cryptados). Especialmente diseñada para la copia de transponders Texas® fijo y Crypto sobre los transponders TPX1 y TPX2 desarrollados por JMA.

Electronic machine for recognizing and duplicating of keys with transponder (fixed or encrypted) Specially designed for cloning Texas fixed and Crypto transponders on TPX1 y TPX2 transponders developed by JMA.

SAVINGS, SIMPLIFICATION AND STOCK REDUCTION
AHORRO, SIMPLIFICACIÓN Y REDUCCIÓN DE STOCK
D'ÉPARGNE, DE SIMPLIFICATION ET RÉDUCTION DES STOCKS

JMA Transponder keys have a removable transponder insert. Mix and match transponders with JMA keys for flexibility and stock reduction.

Ya que no necesita cambiar el cabezal entero sino sólo el transponder y tanto éste como las llaves son intercambiables y sirven para los diferentes vehículos.

Il n'est pas nécessaire de modifier l'intégralité traversin, seul le transpondeur, et ce et les clés sont interchangeables et peuvent être utilisées pour les différents véhicules.



· UNLIMITED LIFE
· SU VIDA ÚTIL ES ILIMITADA
· VIE ILLIMITÉ

- No batteries needed and is reprogrammable.
- No necesita batería y es reprogramable.
- Aucun besoin de piles et est reprogrammable.



CODE / CÓDIGO MOTOR / MOTEUR

TRS-5000 110 V. - 60 Hz. A-110
9V.C.C./500MA.

TPX CLONER

TECHNICAL SPECIFICATIONS

/ DATOS TÉCNICOS / SPÉCIFICATIONS TECHNIQUES

Wide / Ancho / Large 158 mm.
Height / Alto / Hauteur 76 mm.
Depth / Profundidad / Fond 175 mm.
Weight / Peso / Poids 600 gr.

OPTIONS / OPCIONES / OPTIONS

Original transponder name.
/ Nombre transponder original
/ Original transpondeur
Transponder JMA /
Transponder JMA /
Transpondeur JMA



4. PC connection that enables you to / Connexion a PC que permite / Connexion PC qui vous permet de:
- Upgrade the TRS-5000 / - Actualizar la TRS-5000 / - Moderniser le TRS-5000
 - Display code / - Visualizar código / - l'affichage des codes
 - Store code / - Almacenar código / - Stocker de codes
 - Modify Code / - Modificar código / - Modifier le code
 - Create a customer database / - Créer base de datos de clientes / - Créer une base de clients

- JMA is the key manufacturer who has developed the most advanced technology: **TRANSPONDER GLASS TAG TPX3**
- JMA es el fabricante de llaves que ha desarrollado la tecnología más avanzada: **TRANSPONDER GLASS TAG TPX3**
- JMA est le principal fabricant qui a développé la technologie la plus avancée: **TRANSPONDER GLASS TAG TPX3**

3. Keyboard / Teclado / Clavier

2. Antenna / Antena / Antenne

1. Display / Pantalla / Afficher



HIGH SECURITY KEY DUPLICATION GUIDE

*GUÍA DE DUPLICADOS DE LLAVES DE SEGURIDAD MÁS COMUNES
GUIDE DE CLÉS DE SÉCURITÉ*

SYMBOLS · SIMBOLOGÍA · SIGNES CONVENTIONNELS



**STANDARD
COPY**

This key can be cut using the accessories supplied as standard with the machine

La llave puede ser reproducida utilizando los utensilios standar suministrados con la máquina

La clé peut être reproduite en utilisant les outils standards fournis avec la machine



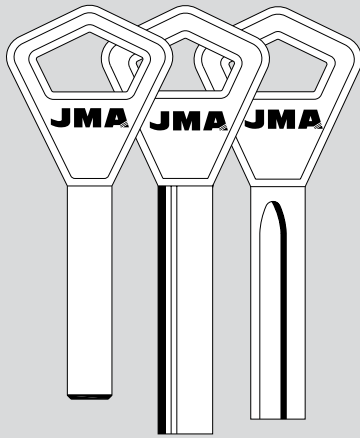
**OPTIONAL
COPY**

To duplicate this key, the necessary accessories are available as an optional extra

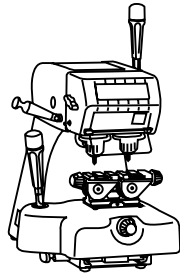
Utilización de los accesorios opcionales para la reproducción de la llave

La clé peut être reproduite en utilisant les outils en option

ABLOY

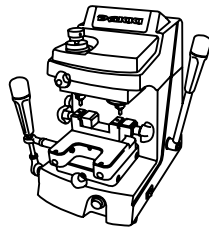


DAKAR - DAKAR EXPRESS

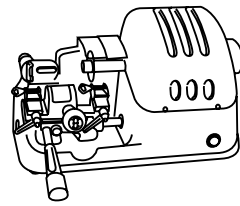


OPTIONAL COPY

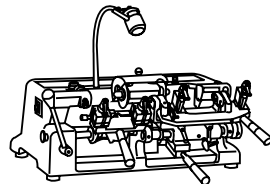
DAKKI



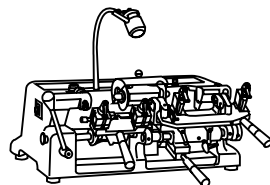
ECCO ABLOY



SARATOGA



SARATOGA

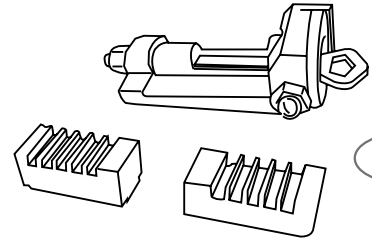


OPTIONAL COPY

STANDARD COPY

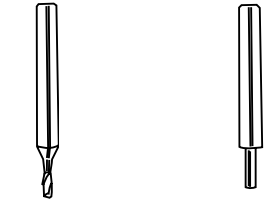
OPTIONAL COPY

OPTIONAL COPY



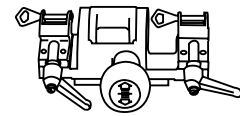
SPECIAL ORDER

AD-AB

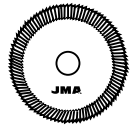


F11

P11

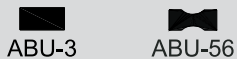
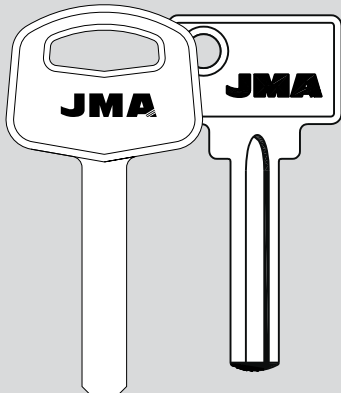


EC-AB



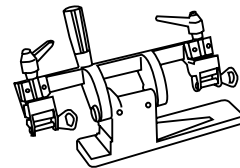
FP7 **FP8** FP9

ABUS

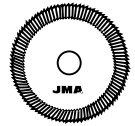


ABU-3

ABU-56

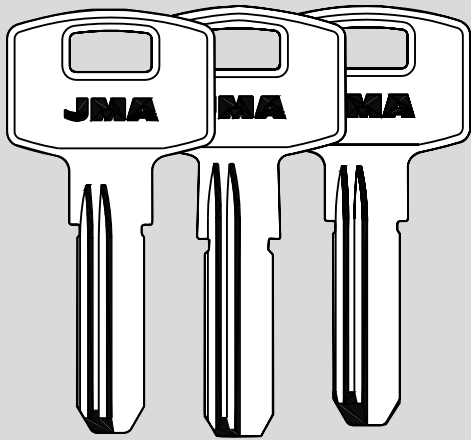


SY-AB



FP17 **FP19**

AMIG

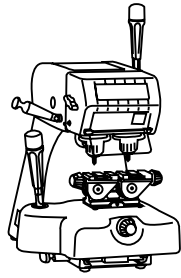



AMG-8D


AMG-9D


AMG-10

DAKAR - DAKAR EXPRESS



 OPTIONAL COPY

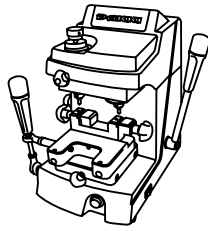


F5



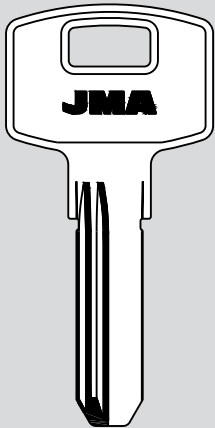
P5

DAKKI



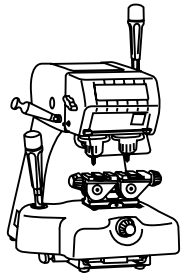
 OPTIONAL COPY

APEX




AP-1D

DAKAR - DAKAR EXPRESS



 STANDARD COPY

 OPTIONAL COPY

Dakar Express

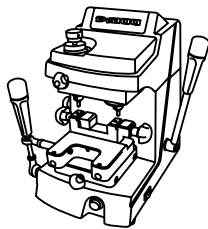


F13



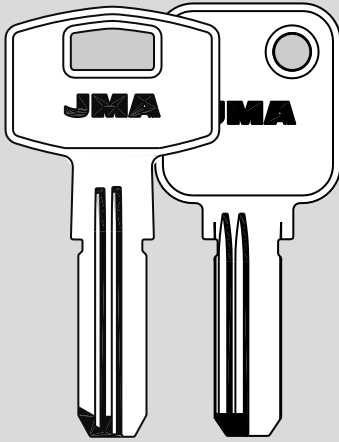
P13

DAKKI



 OPTIONAL COPY

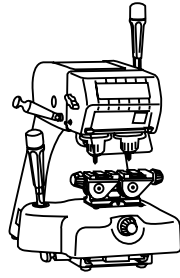
ASHICO



ASH
ASH-2

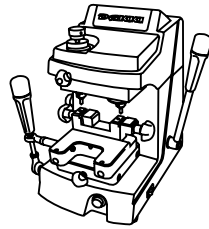
ASH
ASH-3D

DAKAR - DAKAR EXPRESS



OPTIONAL
COPY

DAKKI



OPTIONAL
COPY

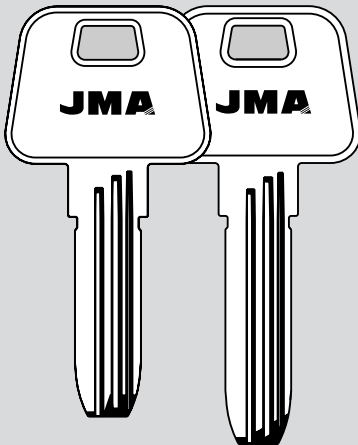


F5



P5

AZBE



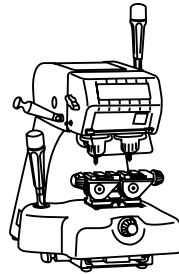
AZ
AZ-9

AZ
AZ-14

AZ
AZ-9D

AZ
AZ-12

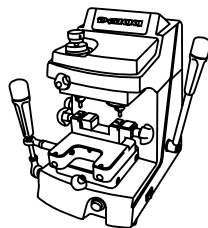
DAKAR - DAKAR EXPRESS



STANDARD
COPY

OPTIONAL
COPY
Dakar Express

DAKKI



STANDARD
COPY

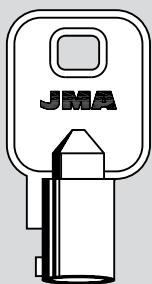


F13



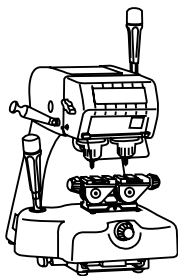
P13

CHICAGO



CHI-1T

DAKAR



DAKAR EXPRESS

OPTIONAL COPY



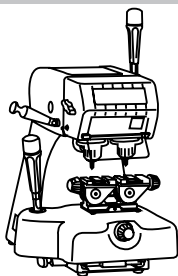
AD-TU1



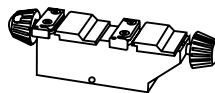
F8



P8

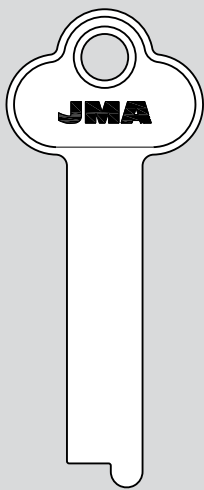


OPTIONAL COPY



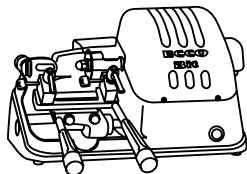
AD-TU2

DIEBOLD



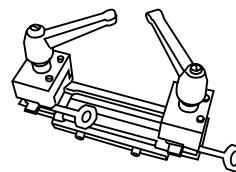
DIE-1

ECCO BIT

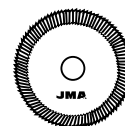


SARATOGA

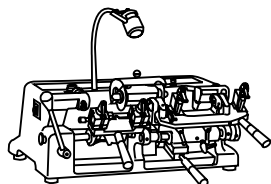
STANDARD COPY



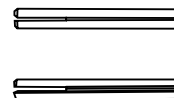
EC-BIT



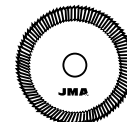
FP7 FP8 FP9



OPTIONAL COPY

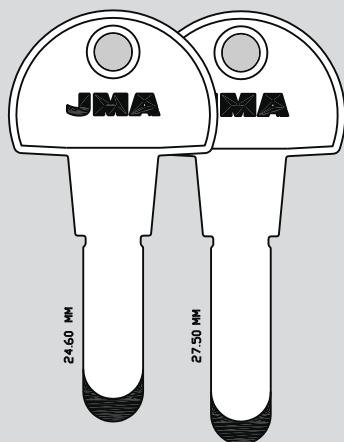


AD-LLP



FP17 FP19

DEXTER



24.60 MM

27.50 MM

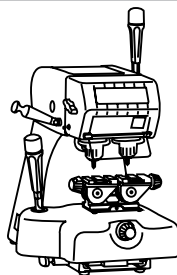
2.95

2.95

DX-8

DX-9

DAKAR - DAKAR EXPRESS



DAKKI

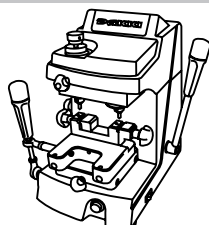
OPTIONAL COPY



F14

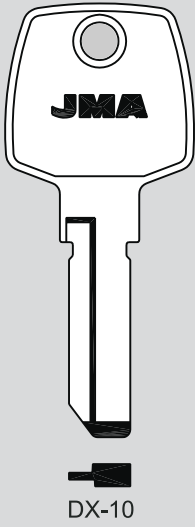


P14



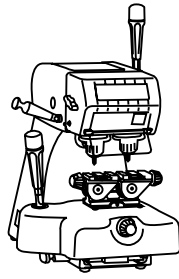
OPTIONAL COPY

DEXTER



DX-10

DAKAR - DAKAR EXPRESS



OPTIONAL COPY

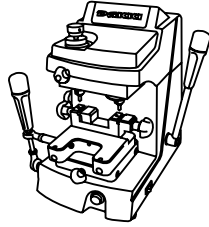


F14



P14

DAKKI



OPTIONAL COPY

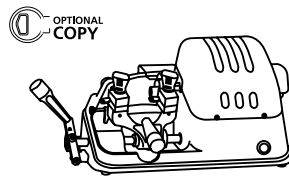


F11



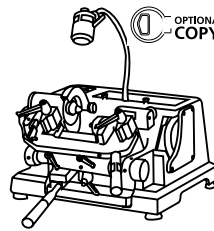
P11

ECCO - ECCO PLUS



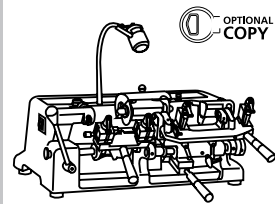
OPTIONAL COPY

TITAN - TITAN MASTER



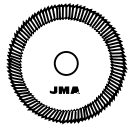
OPTIONAL COPY

SARATOGA

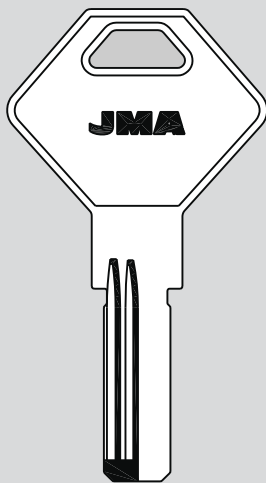


OPTIONAL COPY

FP24

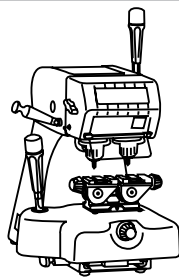


DEXTER



DX-11D

DAKAR - DAKAR EXPRESS



OPTIONAL COPY

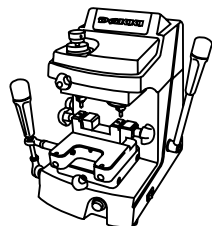


F14



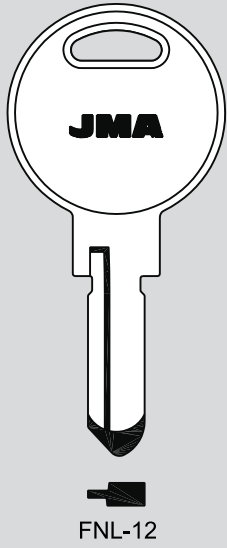
P14

DAKKI

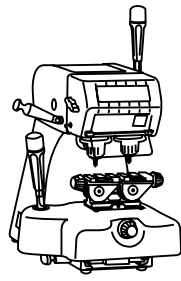


OPTIONAL COPY

FANAL



DAKAR - DAKAR EXPRESS



OPTIONAL COPY

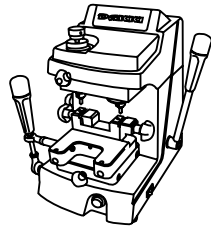


F14



P14

DAKKI



OPTIONAL COPY

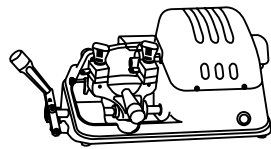


F11



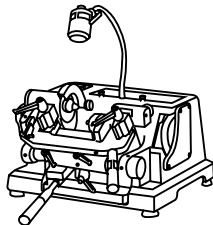
P11

ECCO - ECCO PLUS



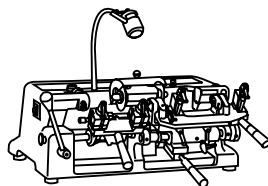
OPTIONAL COPY

TITAN - TITAN MASTER

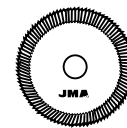


OPTIONAL COPY

SARATOGA

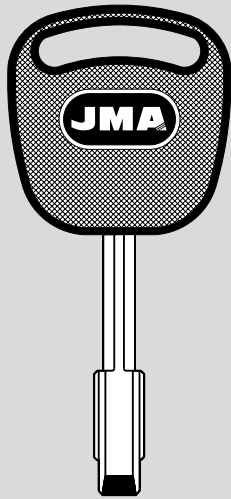


OPTIONAL COPY



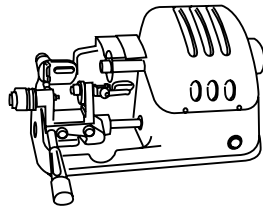
FP24

FORD

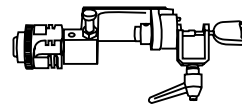


FO-6.P

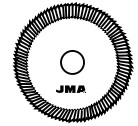
ECCO FORD



STANDAR COPY

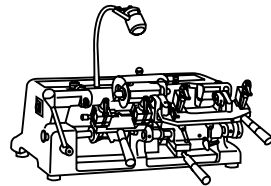


EC-FD

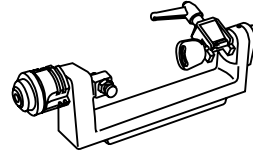


FP7 **FP8** FP9

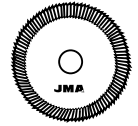
SARATOGA



OPTIONAL COPY

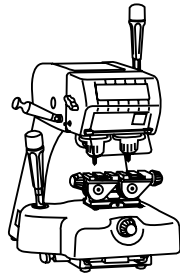


SY-FD

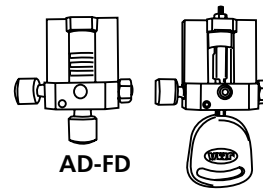


FP17 **FP19**

DAKAR - DAKAR EXPRESS

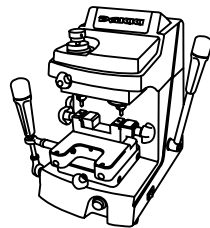


OPTIONAL COPY



AD-FD

DAKKI PLUS



OPTIONAL COPY

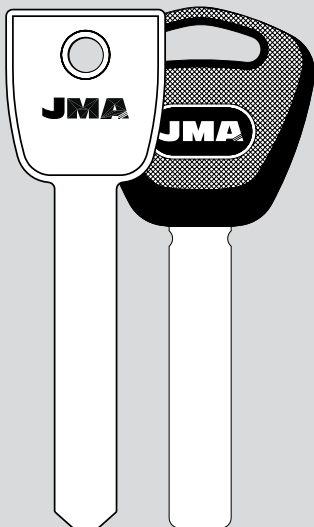


F22



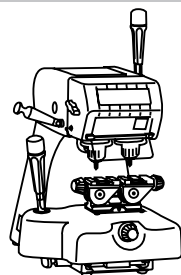
P22

HONDA



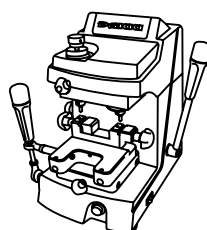
HOND-31 HOND-17.P

DAKAR - DAKAR EXPRESS



OPTIONAL COPY

DAKKI PLUS



OPTIONAL COPY

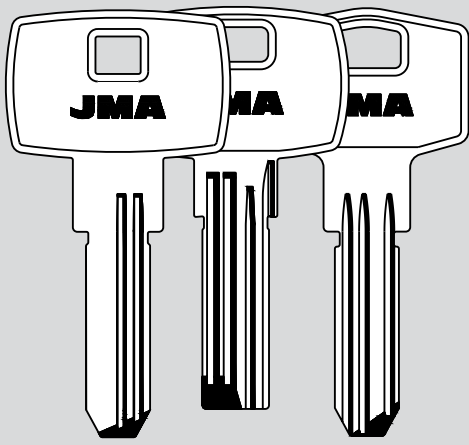


F11



P11

KALE

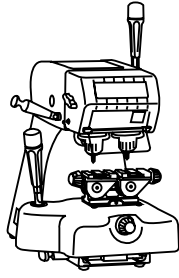


 KAE-1

 KAE-2

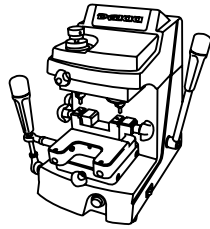
 KAE-4

DAKAR - DAKAR EXPRESS



 STANDARD COPY

DAKKI



 STANDARD COPY

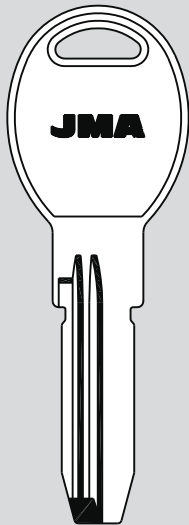


F1



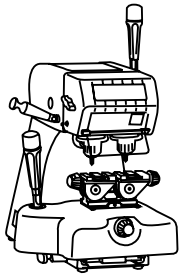
P1

KALE



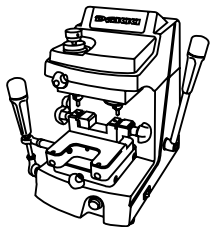
 KAE-11D

DAKAR - DAKAR EXPRESS



 STANDARD COPY

DAKKI



 STANDARD COPY

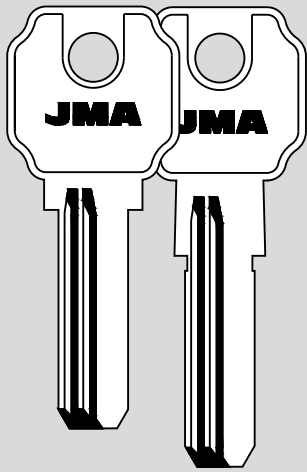


F1



P1

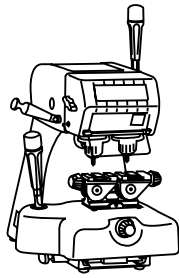
LINCE




LIN-13

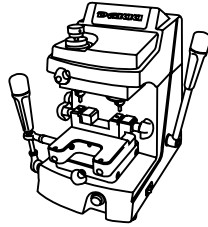

LIN-19D

DAKAR - DAKAR EXPRESS



 OPTIONAL COPY

DAKKI



 OPTIONAL COPY

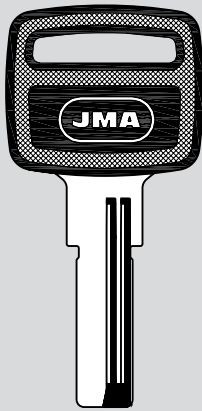



F5



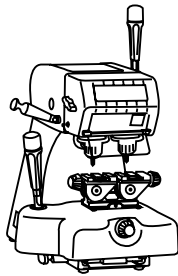
P5

MASTER




MAS-15.P

DAKAR - DAKAR EXPRESS



 STANDARD COPY

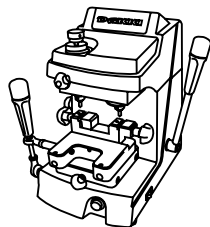


F1



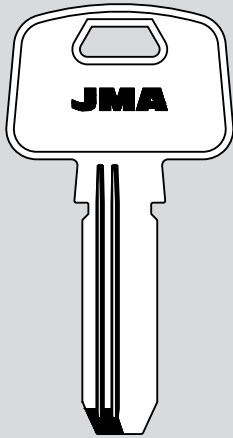
P1

DAKKI



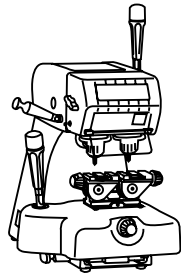
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MCM

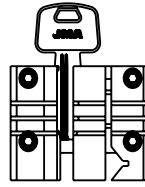


JMA
MCM-10

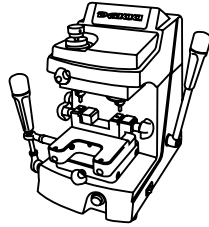
DAKAR - DAKAR EXPRESS



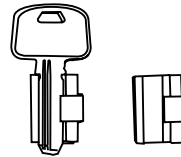
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DAKKI



OPTIONAL COPY



AD-MCM

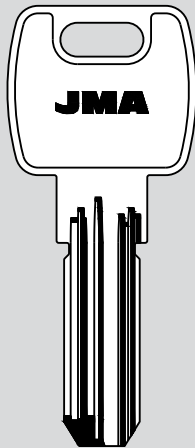


F13



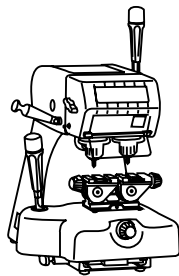
P13

MCM



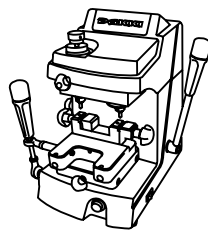
JMA
MCM-16

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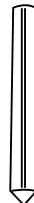
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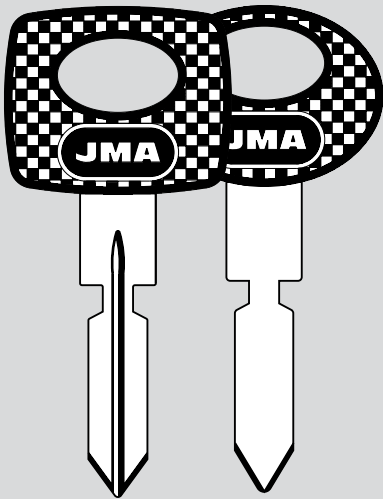


F1



P1

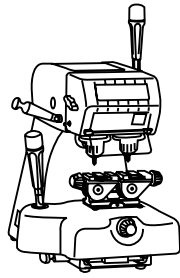
MERCEDES



ME-2.P

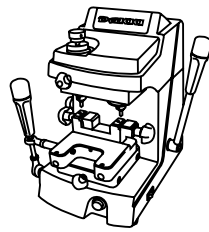
ME-3.P

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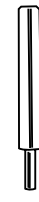
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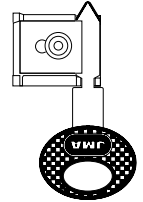
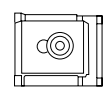
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F11

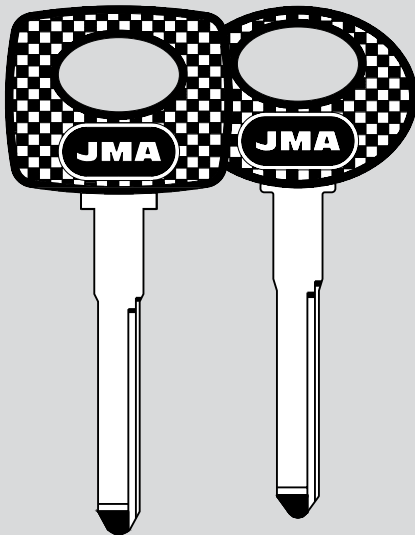


P11



AD-MJ

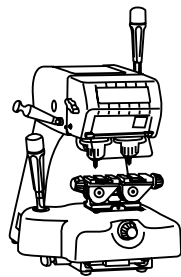
MERCEDES



ME-4.P

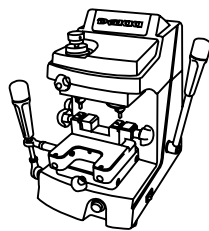
ME-5.P

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DAKKI PLUS



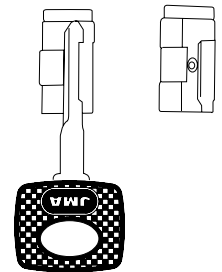
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F11

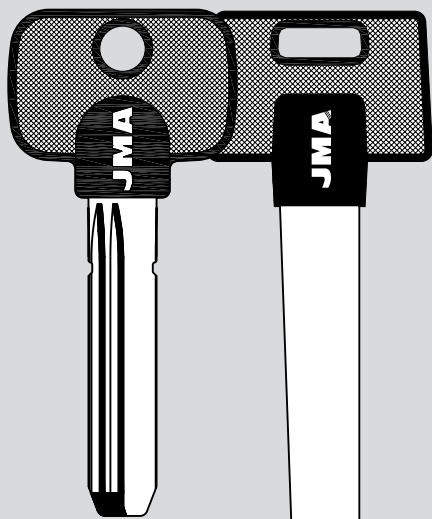


P11



AD-MM

MUL. T. LOCK



MUL-T3.P1



MUL-T2.P

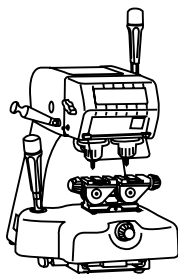


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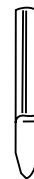


MUL-T5.P

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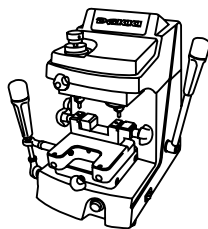


F12A



F12B

DAKKI



OPTIONAL COPY

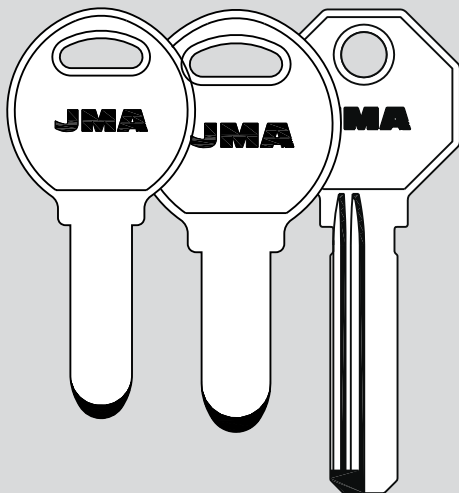


P12A



P12B

PHILLIPS



BKY-1

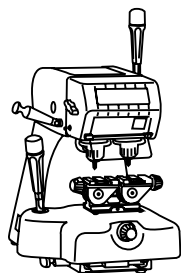


BKY-2



PHI-5D

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OPTIONAL COPY

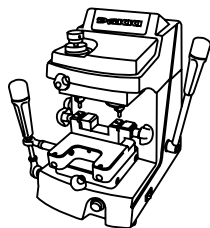


F5



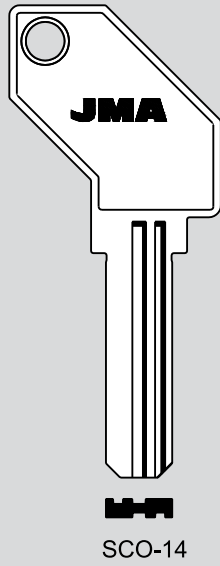
P5

DAKKI

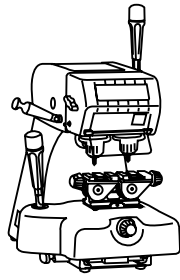


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SCOVILL

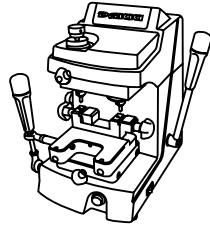


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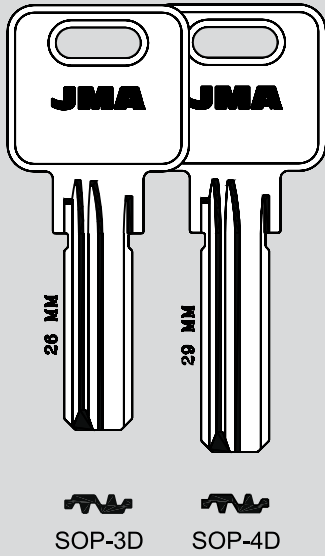


F1

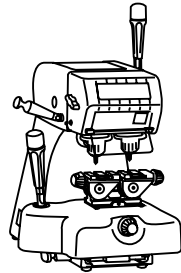


P1

SOPRANO



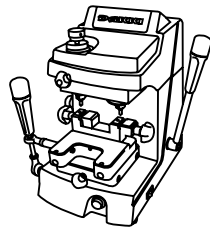
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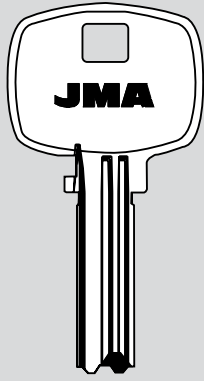


F14



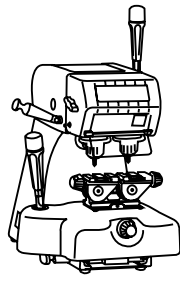
P14

STS



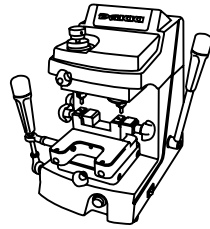
STS-X6

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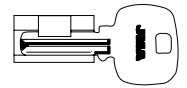
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F5

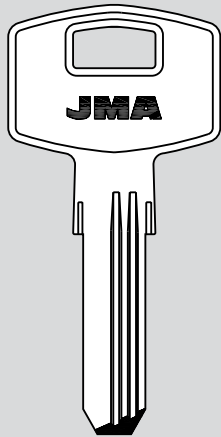


P5



AD-STS

TESA

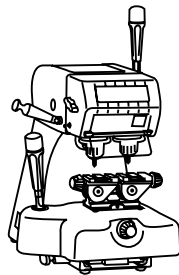


TE-T10



TE-T10D

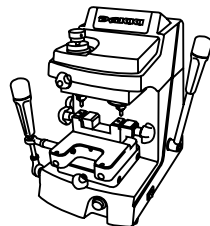
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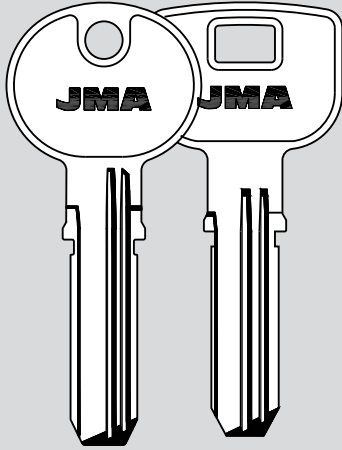


F5



P5

TESA



TE-T60

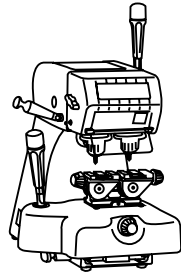


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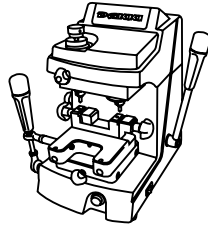
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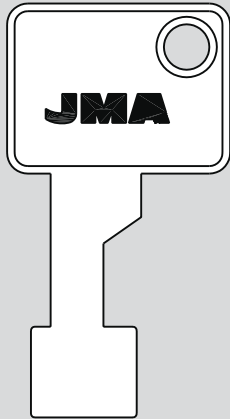


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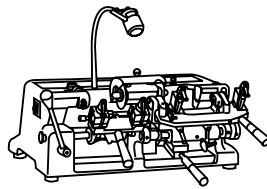
P5

TOVER



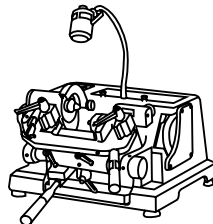
TOV-1

SARATOGA

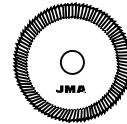


STANDARD COPY

TITAN - TITAN MASTER

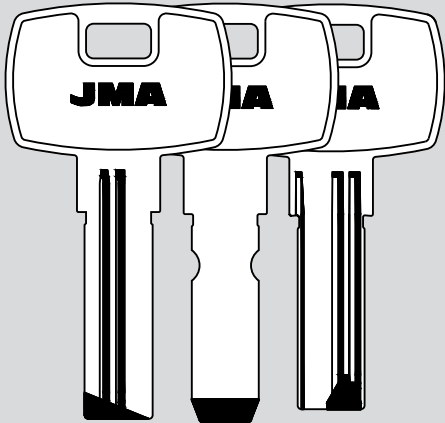


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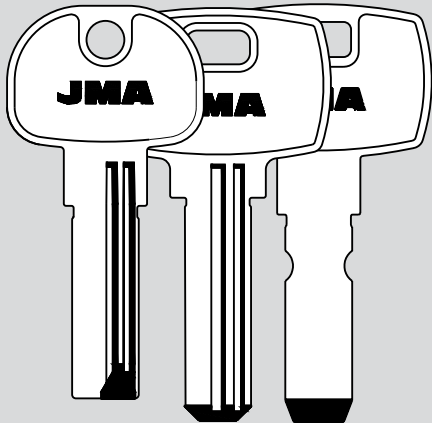


FP19

TOVER

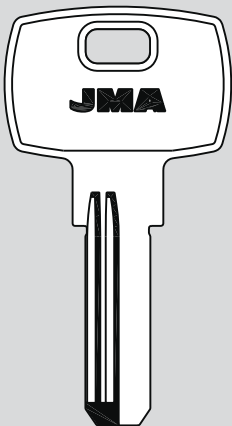


JMA
TOV-2 TOV-4 TOV-5



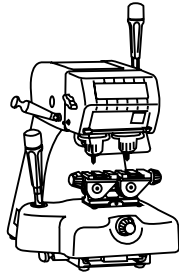
JMA
TOV-6 TOV-7 TOV-8D

TOVER



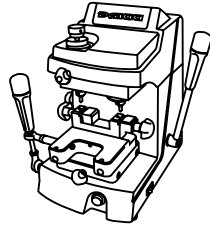
JMA
TOV-9D

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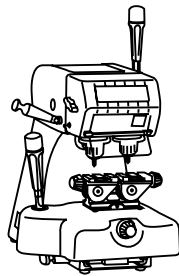


F1



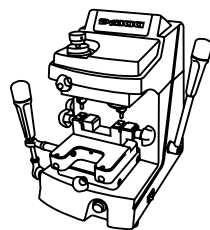
P1

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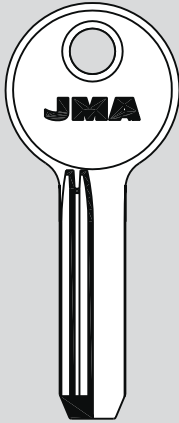


F14



P14

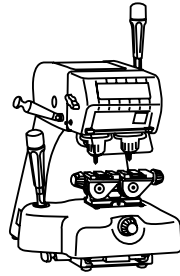
TRUPER



TRU
TRU-5

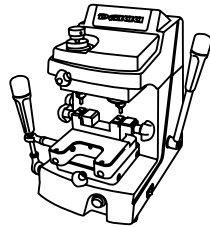
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TRU-5D

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DAKKI



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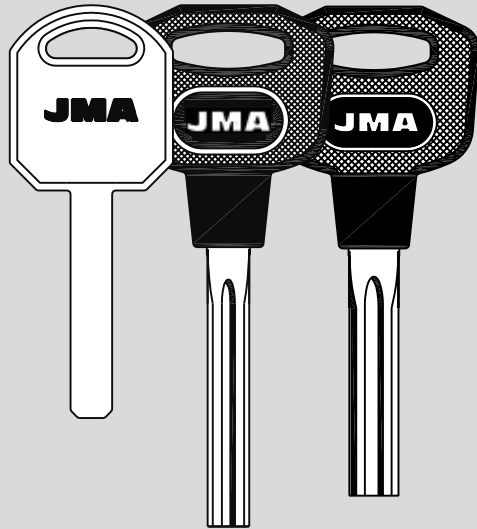


F5



P5

TRUPER

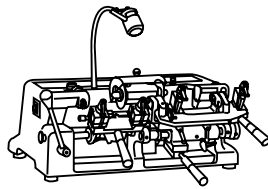


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TRU-7

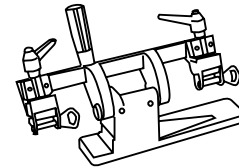
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TRU-8P

TRU
TRU-10.P

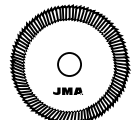
SARATOGA



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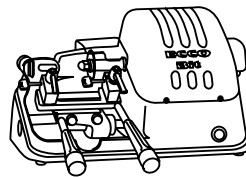


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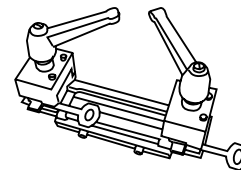


FP19

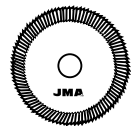
ECCO BIT



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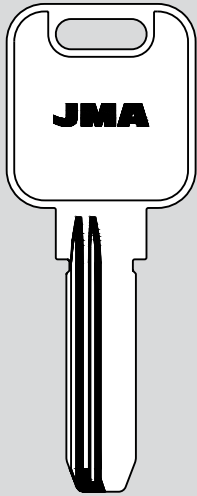



EC-BIT



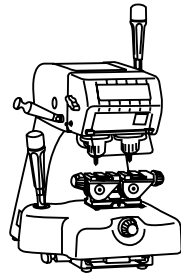
FP7 **FP8** FP9

UCEM




UCEM-8D

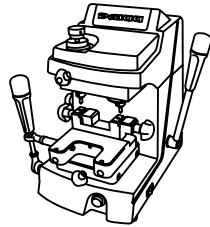
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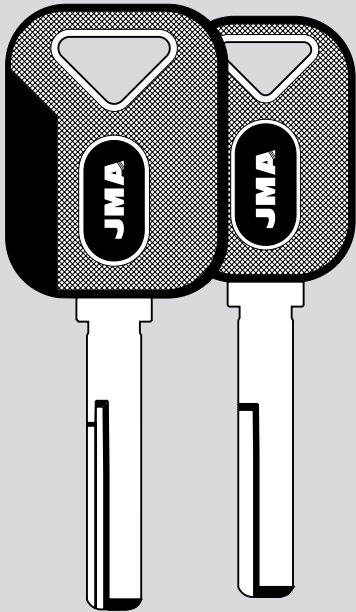



F13



P13

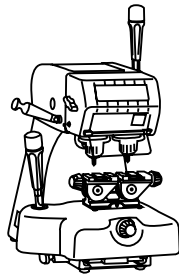
VW




HU-DH.P

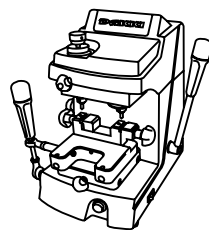

HU-DN.P

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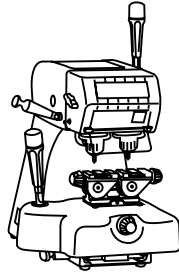


F11



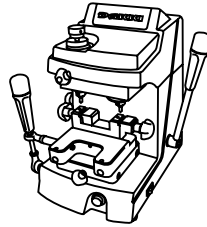
P11

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DAKKI PLUS



OPTIONAL COPY

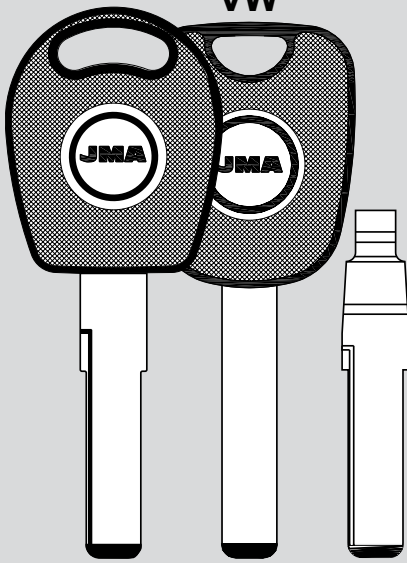


F11



P11

VW

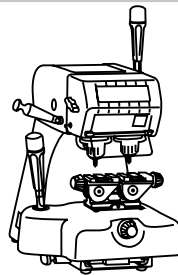


HU-HAA.P1

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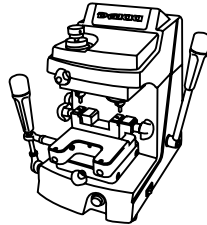
HU-HAA C2

DAKAR - DAKAR EXPRESS



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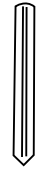
DAKKI



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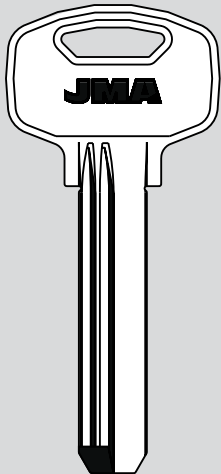


F5



P5

YALE



YA-84D



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