

**JMA®**



## **SUPLEMENTO-SUPPLEMENT**

**LLAVES + ESPECIALISTA - KEYS + SPECIALIST**

**C11.2017**



**A4 JMA es Compromiso**

JMA Konpromisoa da  
JMA is Commitment  
JMA, l'engagement  
JMA bedeutet Verpflichtung

**A5 WindColor**

WindColor  
WindColor  
WindColor  
WindColor

**A6-A7 Aviso Legal**

Mezu Legala  
Legal Warning  
Informations Légales  
Rechtliche Hinweise

**A8-A9 Descripción y Terminología**

Deskribapen eta Terminologia  
Description and Terminology  
Description et Terminologie  
Begriffserklärung und Terminologie

**A10-A11 Símbolos y Nacionalidades**

Ikur eta Nazionalitateak  
Symbols and Nationalities  
Symboles et Nationalités  
Symbole und Nationalitäten

**A13-A15 ÍNDICES**

AURKIBIDEA  
INDEX  
INDEX  
GESAMTVERZEICHNIS

**A14 Índice General**

Aurkibidea  
General Index  
Index Generale  
Gesamtverzeichnis

**A15 Índice de Marcas**

Marken Aurkibidea  
Brand Index  
Index Marque  
Hauptmarke

**1-24 LLAVES**

GILTZAK  
KEYS  
CLÉS  
SCHLÜSSEL

**1 - 24 Imágenes de Llaves**

Giltzen Irudiak  
Keys Images  
Images Clés  
Schlüssel Bilder

**B1 -B5 CAT. ESPECIALISTA DE MÁQUINAS DUPLICADORAS**

KOPIATZEKO MAKINEN GIDA ESPEZIALISTA  
KEY CUTTING SPECIALIST'S GUIDE  
SPÉCIALISTE CATALOGUE DE MACHINES DUPLICATRICES  
SPEZIALISTKATALOG

**NUESTRO ÉXITO ESTÁ BASADO EN  
EL COMPROMISO DE LAS PERSONAS****OUR SUCCESS IS BASED ON  
OUR PEOPLE'S COMMITMENT**

Alejandro Altuna S.L.U es la sociedad matriz e impulsora de Altuna Group. Fabrica todo tipo de llaves para cerradura así como máquinas duplicadoras. Sus productos van destinados al mercado OEM y a la reposición, en este caso con la marca JMA.

Fundada por el Sr. Alejandro Altuna en 1942 arrancó su actividad en Mondragón. Posteriormente, la estrategia de apertura de mercados exteriores apoyada en la internacionalización y siempre basada en un enfoque innovador de los procesos industriales, ha convertido a ALTUNA GROUP en el primer productor de llaves europeo y referente mundial en este campo.

Actualmente, 15 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 mayor fabricante de llaves de Europa.

Alejandro Altuna S.L.U. is the parent company and driving force behind the Altuna Group. It manufactures all types of lock-keys and key-cutting machines. Its products are for the OEM and replacement markets, in the latter case with the JMA brand.

Set up by Alejandro Altuna in 1942, it started the production in Mondragón (Spain). Later, the strategy of opening up to foreign markets backed by globalisation and always based on an innovative attitude towards industrial processes, turned the ALTUNA GROUP into the largest producer of keys in Europe and a benchmark worldwide in the field.

Currently 15 companies in four continents work together to develop the strength of our JMA brand, well known in more than 100 countries all over the world.

This successful trail that leaded us to be the biggest key producer in Europe is based in our people's commitment to be:

**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.

**THE LEADER IN TECHNOLOGY,**

looking for the latest developments to improve the production processes together with a strong investment policy in all our plants to ensure the company's competitiveness and long-term future.

**LIDER EN CALIDAD:**

Nuestra política de calidad se basa en la prevención y planificación, mejora continua, satisfacción del cliente y participación de las personas. Además de la Certificación en Calidad de acuerdo a la ISO 9001, Alejandro Altuna S.L.U. acoge Sistemas de Gestión de la Calidad homologados por las empresas líderes del sector de automoción y residencial.

**THE LEADER IN QUALITY:**

Our quality policy is based on prevention and planning, continuous improvement, customer satisfaction and people participation. In addition to Quality Certification to ISO 9001, Alejandro Altuna S.L.U. operates Quality Management Systems approved by the leading companies in the automotive and residential sectors.

**LIDER EN EL COMPROMISO  
POR EL MEDIO AMBIENTE:**

En Alejandro Altuna S.L.U. 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. Alejandro Altuna S.L.U. fue el primer fabricante mundial de llaves en conseguir en 2000 el certificado ISO 14001 para su Sistema de Gestión.

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

At Alejandro Altuna S.L.U. 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. Alejandro Altuna S.L.U. was the first key manufacturer in the world to achieve ISO 14001 certification for its management system in 2000.

**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. 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.

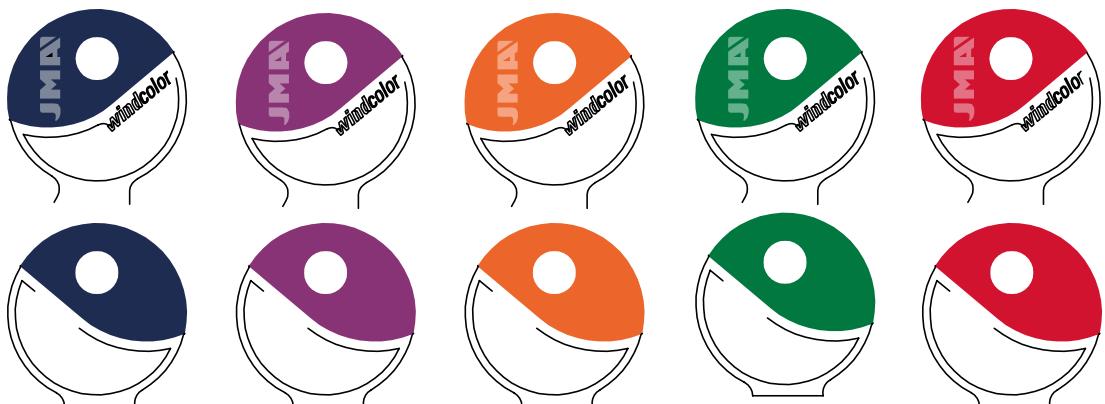
**THE LEADER IN SERVICE,**

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. Moreover, with its extensive network of associate and distribution companies located throughout the world, the company can reach any customer, wherever based.

# LLAVES WINDCOLOR

## WINDCOLOR KEYS

Consultar Referencias  
Erreferentziak Kontsultatu  
Check References  
Voir Références  
Referenzen prüfen



*La llaves más importantes en el mercado, en una cabeza unificada*  
*The most popular keys on the market, in a combined head*



*Llaves de acero*  
*Steel keys*



*5 colores disponibles*  
*Azul, Morado, Verde, Roja, Naranja*  
*5 available colours*  
*Blue, Purple, Green, Red, Orange*



*Cajas surtidas de 50 unidades,*  
*5 pack de 10 llaves*  
*(2 de cada color)*

*Packed in boxes containing*  
*5 bags of 10 units.*  
*(2 keys of each colour).*



## ESPAÑOL

**AVISO LEGAL - SUPLEMENTO C11.2017**

Las llaves que aparecen en este catálogo son piezas JMA fabricadas por JMA Alejandro Altuna S.L.U. 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 reco-

nocer 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 recibirlas tanto con la marca y la referencia JMA como con otra marca del grupo ALTUNA.

## ENGLISH

**LEGAL WARNING - SUPPLEMENT C11.2017**

The keys that appear in this catalogue are JMA parts manufactured by JMA Alejandro Altuna S.L.U. 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 simply for information purposes so that the lock to which our parts correspond can be recognised quickly and easily. This catalogue is for the exclusive use of professional key copiers 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.

## DEUTSCH

**RECHTSINWEIS- NACHTRAG C11.2017**

Die in dem vorliegenden Katalog aufgeführten Schlüssel sind JMA-Teile, die von der Firma Alejandro ALTUNA, S.L.U., einem Zulieferanten von JMA, hergestellt werden. Sie sind für Zylinder und Schlosser derjenigen Hersteller entwickelt worden, deren Marken in diesem Katalog aufgeführt sind.

In Übereinstimmung mit den geltenden gesetzlichen Vorschriften bezüglich des gewerblichen Eigentums sind die im vorliegenden Katalog aufgeführten Marken und Firmennamen ausschließlich Eigentum der Zylinder- und Schloßhersteller, sowie der Automobilhersteller und anderer Konstrukteure, Vertreiber und Benutzer.

Diese Marken und Firmennamen werden nur zu Informationszwecken aufgeführt, mit dem Ziel, auf schnelle Weise zu erkennen, zu welchem Schloß unsere Teile gehören.

Dieser Katalog ist ausschließlich für Fachleute des Bereichs der Schlüsselreproduktion gedacht, die JMA-Teile verwenden.

Die Datenbezüglich der Produkte des vorliegenden Katalogs haben informativen Charakter. Bei Aufrechterhaltung der grundlegenden Eigenschaften behalten wir uns das Recht vor, aus Gründen der Entwicklung der entsprechenden Produkte und ohne Vorankündigung technische, ästhetische oder andere Änderungen vorzunehmen. Einige Modelle des neuen Katalogs können Sie sowohl mit der Marke und der Bezeichnung JMA erhalten, als auch mit jeder anderen Marke der Gruppe ALTUNA.

## EUSKERA

**LEGE-OHARRA - C11.2017 SUPLEMENTOA**

Katalogo honetan ageri diren giltzak Alejandro ALTUNA SLU enpresakedo honek kontratutako beste enpresabatek egindako JMA piezak dira. Katalogoa zehazten diren marken fabrikatzaileen zilindro eta sarrailetan diseinatuta daude.

Jabetza industrialari buruz indarrean dauden lege-xedape-nekin bat etoririz, katalogo honetan zehaztutako merkataritz-a-markak edo izenak zilindro eta sarrailen fabrikatzaileen nahiz ibilgailuen fabrikatzaileen eta beste eraikitzaleen, banatzale eta erabiltsaile batzuen jabetza esklusibokoak dira.

Merkataritz-a-marka edo izen horiek zehaztasun gehiago nekiko adierazten dira, gure piezak zein sarrailean dagozkion berehala ikusi ahal izateko.

Katalogo hau giltzen kopiatik egiteko JMA piezak erabiltzen dituzten profesionalentzako da solik.

Katalogo honetako produktuei buruzko datuek izaera adierazgarria dute. Oinarriko ezaugarrak gordez, produktuen bilakaeraren ondoriozko aldaketa teknikoak, estetikoak edo bestelakoak egiteko eskubidea dugu, aurreikot horren berri eman beharrik gabe.

Katalogo berri honetan dauden ereduetako batzuk JMA marka eta erreferentziarekin nahiz ALTUNA taldeko beste marka batekin jaso ahal izango dira.

## FRANÇAIS

**MENTIONS LEGALES - SUPPLEMENT C11.2017**

Les ébauches de clés reportées sur ce catalogue sont des ébauches JMA fabriquées par JMA Alejandro Altuna S.L.U. 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 connaître 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.

Des ébauches de ce catalogue pourront être livrées soit avec la marque et référence JMA soit avec une autre marque du groupe ALTUNA.

**THE KEY TO EXCELLENCE**  
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



# MANUAL DE USO

## MANUAL OF USE

ESPAÑOL

### MANUAL DE USO

Todas las llaves del catálogo están en escala 1:1; tanto la silueta como el perfil, para hacer una búsqueda más fácil y precisa. Pasos a seguir para la identificación de la llave:

**1. Identificación de la silueta:** Confirmar que la llave que busca coincide con las dimensiones de la llave catálogo. Ver Fig. 1

**2. Identificación del perfil:**

**2.1** Ver si el perfil de la llave y el perfil del catálogo forman una misma imagen. Ver Fig. 2.1

**2.2** Cerciorar que el perfil del catálogo tiene la misma forma y dimensión, colocando la llave física sobre la imagen del catálogo. Ver Fig. 2.2

EUSKERA

### ERABILERA-ESKULIBURUA:

Katalogoko giltza guztiek 1:1 eskalan agertzen dira; hala silueta nola profila, bilaketa errazagoa eta zehatzagoa izan dадin. Giltza identifikatzeko urratsak:

**1. Silueta identifikatzea:** Bilatzen den giltzak katalogoa agertzen den giltzaren dimensio bera duela baiezatu. Ikus 1. irudia.

**2. Profila identifikatzea:**

**2.1.** Giltzaren profilak eta katalogoko profilak irudi bera osatzen duten ikusi. Ikus 2.1. irudia.

**2.2.** Katalogoko profilak forma eta dimensio bera duela ziurtatzea, giltza fisikoa katalogoko irudiaren gainean jarri. Ikus 2.2. irudia.

ENGLISH

### MANUAL OF USE

All the keys in this catalogue are 1:1 scale; both the silhouette outline and profile, to facilitate a precise search. Steps to follow for identifying the key:

**1. Identification of the silhouette:** Confirm that the key you want matches with the dimensions of the key in the catalogue See Fig. 1

**2. Identification of the profile:**

**2.1.** Check to see if the profile of the original key and the profile in the catalogue have a similar shape. See Fig. 2

**2.2.** Make sure the profile of the catalogue has the same shape and dimension, by placing the physical key over the image in the catalogue. See Fig. 2.2

FRANÇAIS

### MANUEL D'UTILISATION

Toutes les clés du catalogue sont à l'échelle 1:1; aussi bien la silhouette que le profil, afin de permettre une recherche plus simple et précise. Étapes à suivre pour l'identification de la clé :

**1. Identification de la silhouette :** Confirmer que la clé recherchée correspond aux dimensions de la clé du catalogue. Voir Fig.1

**2. Identification du profil :**

**2.1.** Voir si le profil de la clé correspond au profil du catalogue. Voir Fig.2.1

**2.2.** S'assurer que le profil du catalogue a la même forme et les mêmes dimensions, en plaçant la clé physique sur l'image du catalogue. Voir Fig.2.2

DEUTSCH

### HANDBUCH

Alle Schlüssel im Katalog sind im Maßstab 1:1 dargestellt, sowohl als Silhouette als auch im Profil, um die Suche leichter und genauer zu machen. Zu befolgende Schritte für die Identifizierung des Schlüssels:

**1. Identifizierung der Silhouette:** Bestätigung, dass der gesuchte Schlüssel mit den Abmessungen im Katalog übereinstimmt. Siehe Abb. 1

**2. Identifizierung des Profils:**

**2.1.** Prüfen, ob das Profil des Schlüssels und das im Katalog gezeigte Profil übereinstimmen. Siehe Abb. 2.1

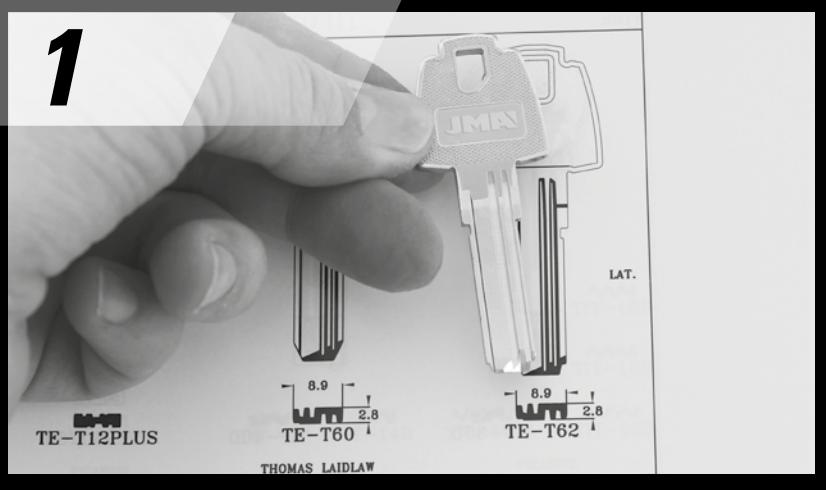
**2.2.** Vergewissern, dass das Profil im Katalog die gleiche Form und Größe hat, indem man den tatsächlichen Schlüssel auf das Katalogbild legt. Siehe Abb. 2.2

## IDENTIFICACIÓN DE LA LLAVE

### KEY IDENTIFICATION

#### 1. Identificación de la Silueta

Silhouette identification

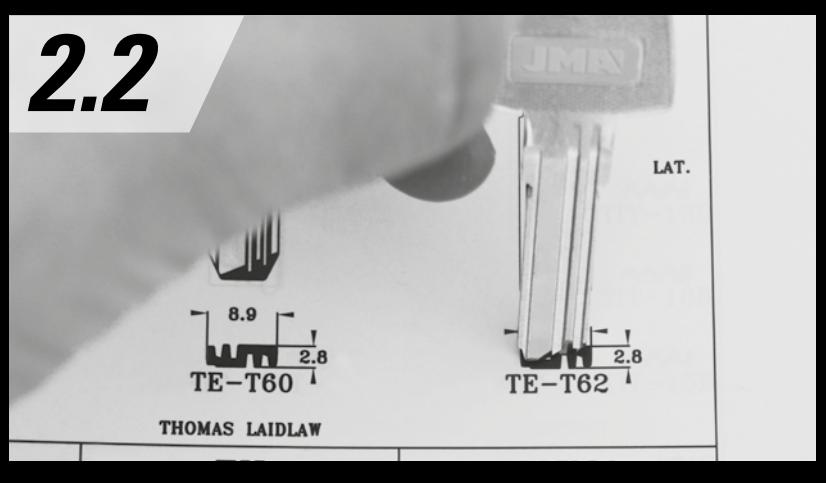


#### 2. Identificación del perfil

Identification of the profile



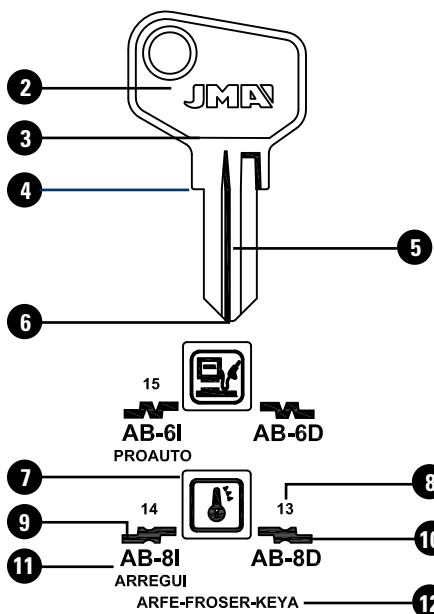
#### 2.2



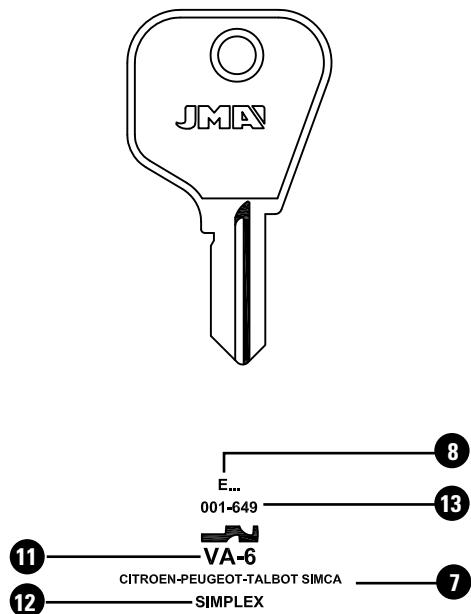
## ESPAÑOL

- 1 MARCA PRINCIPAL
- 2 CABEZA
- 3 CUELLO
- 4 TOPE
- 5 PALETÓN
- 6 PUNTA
- 7 UTILIZACIÓN
- 8 NOMENCLATURA DE PERFIL ORIGINAL
- 9 PERFIL IZQUIERDO
- 10 PERFIL DERECHO
- 11 REFERENCIA
- 12 MARCAS SECUNDARIAS
- 13 SERIES
- 14 MARCA PRINCIPAL
- 15 MARCAS SECUNDARIAS DE LA PRINCIPAL (ABSA)

## 1 ABSA



## 1 VACHETTE



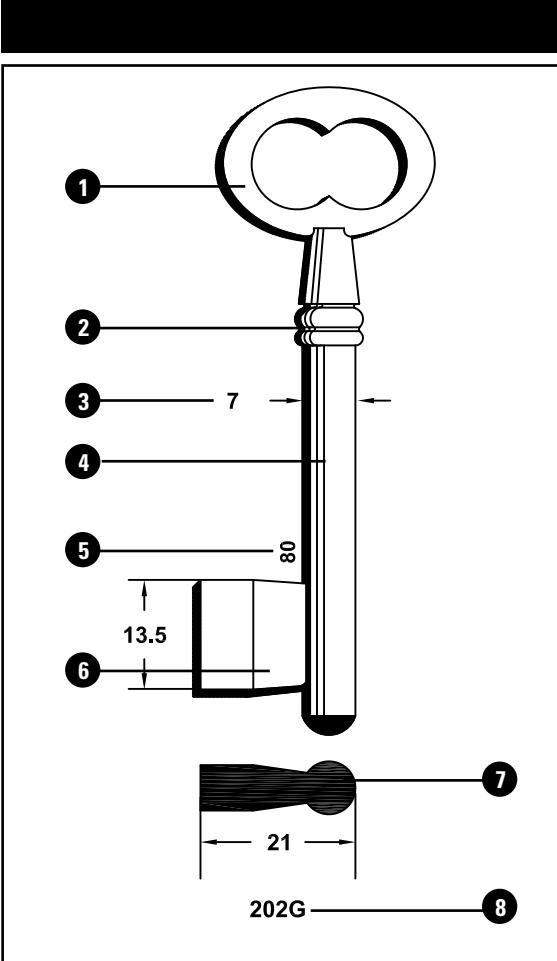
EUSKERA	ENGLISH	FRANÇAIS	DEUTSCH
1 MARKA NAGUSIA	1 MAIN BRAND	1 MARQUE PRINCIPALE	1 HAUPTPRÄGUNG
2 BURUA	2 HEAD	2 TÊTE	2 KOPF
3 LEPOA	3 NECK	3 COU	3 HALS
4 TOPEA	4 SHOULDER	4 ARRÊT	4 ANSCHLAG
5 BELARRIA	5 BLADE	5 CANON	5 SCHAFT
6 PUNTA	6 TIP	6 POINTE	6 SPITZE
7 ERABILERA	7 USE	7 UTILISATION	7 VERWENDUNG
8 JATORRIZKO PROFILA-REN IZENDEGIA	8 ORIGINAL PROFILE	8 PROFIL ORIGINAL	8 ORIGINALPROFIL
9 EZKERREKO PROFILA	9 LEFT PROFILE	9 PROFIL GAUCHE	9 LINKSPROFIL
10 ESKUINEKO PROFILA	10 RIGHT PROFILE	10 PROFIL DROIT	10 RECHTSSTROFIL
11 ERREFERENTZIA	11 REFERENCE	11 RÉFÉRENCE	11 BEZEICHNUNG
12 BIGARREN MAILAKO	12 SECONDARY BRAND	12 MARQUE SECONDAIRE	12 2. PRÄGUNG
MARKAK			
13 SERIEAK	13 SERIES	13 CODE	13 SERIE
14 MARCA NAGUSIA	14 MAIN BRAND	14 MARQUE PRINCIPALE	14 HAUPTPRÄGUNG
ETA JATORRIZKOA	AND NATIONALITY	ET NATIONALITÉ	UND NATIONALITÄT
15 MARCA NAGUSIA-	15 SECONDARY BRANDS	15 MARQUES SECON-	15 2. PRÄGUNG FÜR
REN BIGARREN	OF THE MAIN ONE	DAIRES DE LA PRIN-	HAUPTPRÄGUNG
MAILAKO MARKAK	(ABSA)	CIPALE (ABSA)	(ABSA)

# DESCRIPCIÓN Y TERMINOLOGÍA

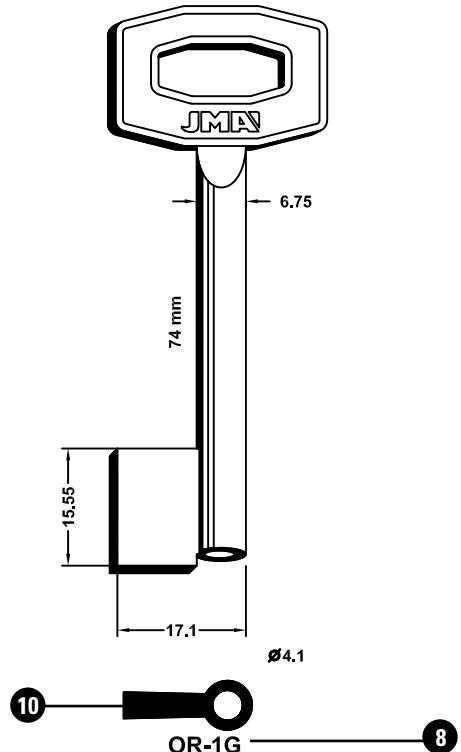
KEY DESCRIPTION AND TERMINOLOGY

## ESPAÑOL

- 1 CABEZA
- 2 CUELLO
- 3 DIÁMETRO DE LA CAÑA
- 4 CAÑA
- 5 LONGITUD A
- 6 PALETON
- 7 PERFIL MACHO
- 8 REFERENCIA
- 9 MARCA ORIGINAL
- 10 PERFIL HEMBRA



## ORENGO



EUSKERA	ENGLISH	FRANÇAIS	DEUTSCH
1 BURUA	1 HEAD	1 TÊTE	1 KOPF
2 LEPOA	2 NECK	2 COU	2 HALS
3 ZIRIAREN DIAMETROA	3 SHANK	3 DIAMETRE DU CANON	3 HALM- DURCHMESSER
4 ZIRIA	4 SHANK	4 CANON	4 HALM
5 A LUZERA	5 LENGTH A	5 LONGUEUR A	5 LÄNGE A
6 BELARRIA	6 BIT	6 PANNETON	6 BART
7 PROFIL ARRA	7 PIN BIT PROFILE	7 PROFIL MALE	7 SCHWEIFUNG
8 ERREFERENTZIA	8 REFERENCE	8 RÉFÉRENCE	8 BEZEICHNUNG
9 JATORRIZKO MARKA	9 ORIGINAL BRAND	9 MARQUE ORIGINALE	9 ORIGINAL- PRÄGUNG
10 PROFIL EMEA	10 PIPE BIT PROFILE	10 PROFIL FEMELLE	10 GEBOHRT

**ALP.****Llave fabricada en alpaca**

Alpakaz egindako giltza  
Key available in nickel silver  
Clé fabriquée en mallechort  
Schlüssel auch in Neusilber lieferbar

**LAT.****Llave disponible también en latón**

Giltza, letoizkoa ere eskuragarria  
Key also available in brass  
Clé aussi disponible en laiton  
Schlüssel auch in Messing lieferbar

**COL.****Llave disponible también con cabeza de plástico en colores**

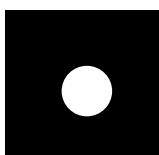
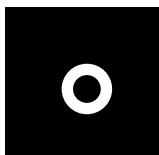
Giltza hau koloretako plastikozko  
buruarekin ere eskuragarria  
  
Key also available with  
coloured plastic head  
  
Clé aussi disponible avec tête  
plastifiée en couleurs  
  
Schlüssel auch mit farbigem  
Plastikkopf lieferbar

**ALU.****Llave disponible también en aluminio**

Giltza, aluminioan ere eskuragarria  
Key also available in aluminium  
Clé aussi disponible en aluminium  
Schlüssel auch in Aluminium lieferbar

**ZAM.****Llave fabricada solamente en zamak**

Zamakez soilik egindako giltza  
Key only available in zamak  
Clé aussi disponible en zamak  
Schlüssel nur aus Zamak lieferbar

**Llave de utilización en candados**

Giltzarrapoetan erabiltzeko giltzak  
Key for padlocks  
Clé pour cadenas  
Schlüssel für Hängeschlösser

**Llave de utilización en cerraduras auxiliar**

Sarraila osagarietan erabiltzeko giltzak  
Key for cam locks  
Clé pour petite serrure  
Schlüssel für Hebelschlösser

**Llaves para motocicletas**

Motozikleta giltzak  
Key for motorcycles  
Clé pour motocyclettes  
Schlüssel für Motorräder

**Llave para tapón de gasolina**

Gasolina-tapoiatarako giltza  
Key for fuel cap  
Clé pour bouchon d'essence  
Schlüssel für Tankdeckel

**Llave para camión**

Kamioiko giltza  
Key for lorries  
Clé pour camion  
Schlüssel für Lastkraftwagen

**Alarma**

Alarma  
Alarm  
Alarme  
Alarm

**Llaves gorja con acabado en color natural**

Gorja giltzak berezko kolorezko akaberarekin  
Bit key blank with natural colour finishing  
Clé à gorges avec finition en couleur naturel  
Chubbschlüssel in naturfarben Ausführung

**Llaves gorja con acabado en negro antiguo**

Gorja giltza, beltz zaharkitu akaberarekin  
Bit key blank with old black finishing  
Clé à gorges avec finition en vieux noir  
Chubbschlüssel in altschwarzer Ausführung

**NACIONALIDAD** - NAZIONALITATEA - NATIONALITY - NACIONALITÉ - NATIONALITÄT

AUSTRIA  
AUSTRALIA  
BELGIUM  
BRAZIL  
CANADA  
SWITZERLAND  
GERMANY  
DENMARK

**A**  
**AUS**  
**B**  
**BR**  
**CDN**  
**CH**  
**D**  
**DK**

ALGERIA  
SPAIN  
ESLOVAKIA  
EGYPT  
FRANCE  
GREAT BRITAIN  
GREECE  
HUNGARY

**DZ**  
**E**  
**ES**  
**ET**  
**F**  
**GB**  
**GR**  
**H**

HONG KONG  
CROATIA  
ITALY  
ISRAEL  
INDIA  
EIRE  
JAPAN  
KOREA

**HK**  
**HR**  
**I**  
**IL**  
**IND**  
**IRL**  
**J**  
**K**

# SÍMBOLOS

## SYMBOLS

	<b>Calendario</b> Egutegia Calendar Calendrier Kalender		<b>Sillín</b> Zela Cycle seat Selle Sattel		<b>Bicicleta</b> Bizikleta Bicycle Bicyclette Fahrräder
	<b>Contacto auto</b> Autoko kontakta Engine ignition Contact auto Zündschloss Pkw		<b>Casco</b> Kaskoa Helmet Casque Helm		<b>Alarma</b> Alarma Alarm Alarme Alarm
	<b>Puerta</b> Atea Door lock Portière Türe		<b>Automóvil / camioneta</b> Automobia / kamioneta Car / Pick-up trucks Voiture / Camionnette Auto / Kleintransporter		<b>Portaesquis</b> Eski-euskarria Ski holder Porte ski Skiträger
	<b>Maletero/Puerta trasera</b> Maletategia/Atzeko atea Boot/Hatchback Coffre/Portière postérieure Kofferraum/Hecktür		<b>Motocicleta</b> Motozikleta Motorcycle Motocyclette Motorrad		<b>Tractor</b> Traktorea Tractor Traktor Landmaschinen
	<b>Tapón de gasolina</b> Gasolina-tapoia Petrol cap Bouchon réservoir Benzintankverschluss		<b>Camión</b> Kamioia Trucks Camion Lkw		<b>Excavadora</b> Hondeatzalea Earth moving machine Machine déplacement de terre Baumaschinen
	<b>Guantera</b> Eskularru-kutxa Drawer Tiroir Schublade		<b>Avión</b> Hegazkina Aeroplane Avion Flugzeuge		<b>Carretilla elevadora</b> Orga jasotzailea Forklift Clark Gabelstapler
	<b>Contacto moto</b> Moto-kontaktua Motorbike ignition Contact moto Zündschloss Motorrad		<b>Caravana</b> Karabana Caravans Caravane Wohnwagen		<b>Corta césped</b> Belarra mozteko makina Lawn-mower Tondeuse Rasenmäher
	<b>Bloqueo moto</b> Moto-blokeoa Motorbike disc lock Bloquage moto Bremsenschloss Motorrad		<b>Motor marino</b> Itsas motorra Boat engines Moteur de bateau Schiffsmotoren		<b>Alarma - llave</b> Alarma - giltza Alarm - key Alarme - clef Alarm - Schlüssel

KUWAIT  
MEXICO  
NORWAY  
THE NETHERLANDS  
PORTUGAL  
PERU  
POLAND  
ARGENTINA

**KW**  
**MEX**  
**N**  
**NL**  
**P**  
**PE**  
**PL**  
**RA**

TAIWAN  
CHILE  
CHEKIA  
RUMANIA  
SWEDEN  
FINLAND  
SLOVENIA  
RUSIA

**RC**  
**RCH**  
**RCZ**  
**RU**  
**S**  
**SF**  
**SLO**  
**RUS**

CHINA  
TUNISIA  
UNITED STATES OF AMERICA  
YUGOSLAVIA  
VENEZUELA  
ZAMBIA

**TJ**  
**TN**  
**USA**  
**YU**  
**YV**  
**Z**



# ÍNDICE

AURKIBIDEA

INDEX

INDEX

GESAMTVERZEICHNIS



**SUPLEMENTO-SUPPLEMENT  
C.11 2017**

**THE KEY TO EXCELLENCE**  
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

## ÍNDICE GENERAL

INDIZE OROKORRA • GENERAL INDEX • INDEX GENERALE • GESAMTVERZEICHNIS

<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>
101-1G	20	BAB-13/6	2	BUR-36D	3	DBX-1D	5	FV-3	6
101-2G	20	BAB-13/7	2	BUR-37D	3	DEB-1	21	GARD-2G	22
716-1G	20	BAB-13/8	2	BUR-38	3	DEB-3	21	GE-22/1	6
716-2G	20	BAB-13/9	2	BUR-39	3	DEK-16	4	GE-22/2	6
ABU-35DP	1,16	BAB-13/10	2	CAY-1D WINDCOLOR	4	DEK-17	5	GE-22/3	6
ABU-70D	1	BAB-13/11	2	CE-136D/1	4	DEN-1	21	GE-22/4	6
ABU-87P	1,16	BAB-13/12	2	CE-136D/2	4	DOM-75	5	GE-22/5	6
ABU-88P	1,16	BAB-20D/2	2	CE-136D/4	4	DOM-76D	5	GE-22/6	6
ABU-89D	1	BK-16/11	3	CE-136D/5	4	DOM-77D	5	GE-22/7	6
ABU-90	1	BK-21/4	2	CI-48P	4	DOM-78D	5	GE-22/11	6
ABU-91	1	BK-21/5	2	CI-71P	4	DOM-B2	5	GE-22/12	6
ABU-92	1	BK-21/10	2	CI-72P	4	DOM-B6	5	GE-22/13	6
ABU-92D	1	BK-21/16	2	CI-73P	4	DR-2D	5	GEA-9/1	7
ABU-93	2	BK-22	2	CI-75P	4	ELB-2G	21	GEA-9/3	7
ABU-94D	1	BK-23	2	CI-76P	4	ELB-3G	21	GEA-9/4	7
ABU-96	2	BK-26/125	2	CI-77P	4	ELZ-13	5	GEA-9/6	7
ABU-99D/1	1	BK-26/135	2	CI-78P	4	EU-15P	16	GEA-9/7	7
ABU-99D/2	1	BK-26/145	2	CI-DL WINDCOLOR	4	EUB-2D	5	GEA-9/9	7
ABU-99D/3	1	BK-26/235	2	CLA-1G	20	EUS-1G	21	GEA-9/10	7
AGA-55D	2	BMB-3	3	CLA-2G	21	EV-14	6	GEA-9/11	7
AS-30D	2	BMB-4	3	CLA-4G	21	EV-15D	6	GEA-9/13	7
AX-5DP1	16	BMB-5	3	COR-1D WINDCOLOR	4	EZ-DS15R WIND-COLOR	6	GEA-9/14	7
AX-6	2	BRI-1	20	COR-61	4	FAC-25	6	GEA-9D/2	7
AZ-37D WINDCOLOR	2	BRI-2	20	COR-70	4	FAIN-1I WINDCOLOR	6	GEA-9D/5	7
BAB-13/1	2	BRI-3	20	CRF-1D	4	FAV-3D	6	GEA-9D/7	7
BAB-13/2	2	BRI-19 WINDCOLOR	3	CVL-5D WINDCOLOR	4	FER-2D	6	GEA-9D/8	7
BAB-13/3	2	BRN-1D	3	CVL-5I WINDCOLOR	4	FIC-400	22	GEA-9D/12	7
BAB-13/4	2	BUR-35D	3	DAC-4DP	16	FO-43D	16	GER-2G	22
BAB-13/5	2	BUR-36	3	DAT-15P4	17			GER-3G	22

# ÍNDICE GENERAL

## ÍNDICE GENERAL

INDIZE OROKORRA • GENERAL INDEX • INDEX GENERALE • GESAMTVERZEICHNIS

<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>	<b>REF.</b>	<b>PAG.</b>
GER-4G	22	JP-5	23	MUE-2	9	TOK-83D	11	VA-1T	24
GER-5G	22	JP-6	23	NE-60C3	17	TOK-84D	11	VA-2T	24
GOD-3	7	KA-7 WINDCOLOR	8	OJ-20/4	9	TOK-85D	11	VA-3T	24
GOD-4	7	KI-11P	17	OMC-7	10	TOK-86D	11	VA-5T	24
GUA-4	7	KI-12P	17	PFA-23D	10	TOV-8D	12	VA-8D WINDCOLOR	13
GUA-4D	7	KI-12DP	17	PFA-24	10	TOYO-40	17	VA-61C3	18
GUA-5	7	KWI-1K	8	PFA-24D	10	TRL-17	12	VA-400	24
GUA-5D	7	LAP-3	23	PFA-25	10	TRL-3	12,17	VA-700	24
HAF-6	7	LAP-100	23	PFA-25D	10	TRL-3D	12,17	VA-75D WINDCOLOR	13
HEK-4D	7	LF-47	8	PFA-26D	10	TRL-4P	17	VA-91	13
HEK-5	7	LF-50D	8	PR-21	10	TRL-5P	12,18	VO-KP	16
HEK-6	7	LIN-21D WINDCOLOR	8	PTN-3D	10	TRL-6	12	YA-280D	13
HGO-1	7	LIN-25D WINDCOLOR	8	RE-5	10	TRL-6D	12	YA-281D	13
HOK-1D	7	LIN-26D	8	RO-29D WINDCOLOR	10	TV-34	12	YA-300D	13
HOK-2D	7	MAF-1	23	RO-43	10	TV-35	12	YAMA-25P	18
HU-4C1	16	MAU-1	9	RSS-3	11	TV-36	12	YAMA-32DP	18
HUD-3D	7	MAU-2	9	RSS-3D	11	TV-37	12	YAMA-33P1	18
HY-10	16	MAU-3D	9	RU-1D WINDCOLOR	10	TV-38	12	YUH-3D	13
HY-11P4C1	16	MAU-4D	9	SA-5D	11	TV-39	12	ZE-160D	7
HY-18P1C1	16	MCM-15E8	9	SEA-2	11	TV-3D WINDCOLOR	12		
HY-19DP5	17	MERI-2DP	17	SEL-1	24	TX-12	13		
HY-19P5	17	MH-1	9	SUZU-21P	17	U-15D WINDCOLOR	13		
IF-7	8	MIT-8DP2	17	SUZU-8IP	17	U-5D WINDCOLOR	13		
IS-21D	8	MLM-8	9	TC-3	11	U-5I WINDCOLOR	13		
IS-3D WINDCOLOR	8	MOI-4G	23	TE-8I WINDCOLOR	11	U-6D WINDCOLOR	13		
JP-1	22	MOI-5G	24	TE-T60 WINDCOLOR	11	UCEM-19	12		
JP-2	22	MT-1P	9	TE-T80EH	11	UCEM-20D	13		
JP-3	23	MT-2D	9	TOK-82	11	UCEM-8D WINDCO- LOR	12		
JP-4	23	MUE-1	9	TOK-83	11				

## ÍNDICE DE MARCAS

MARKEN AURKIBIDEA • BRAND INDEX • INDEX MARQUE • HAUPTMARKE

MARCA / BRAND	PAG.	MARCA / BRAND	PAG.	MARCA / BRAND	PAG.	MARCA / BRAND	PAG.
101	20	EUROSPEC	21	KFV	6	SAMSONITE	11
101	20	EWA	6	KIA	16, 17	SEA	11
716	20	ESAFE	13	KIND	3	SELECT	24
716	20	EZCURRA	6, 11	KWIKSET	8	SHERLOCK	7
ABUS	1, 2, 3, 4, 10, 16	FAC	6	LAPERCHE	23	SIB	4
AGA	2	FAINER	6	LASBOLAGET	8	SIL	6, 13
ASSA	2	FAVOUR	6	LEHMANN	9	STS	5, 11
AXA	2, 4, 16	FCV	6	LINCE	8	STV	9
AZBE	2	FEDERAL	3	LOWE & FLETCHER	8	SUZUKI	17
BAB	2	FERONERIA	6	MAFOR	23	TECON	11
BIFFAR	11	FICHET	11, 22	MARS	5	TESA	11
BKS	3	FINA	10	MASTER	8	TITAN	12
BMB	3	FLOK	13	MAUER	4, 9	THOMAS LAIDLAW	11
BRABANTIA	5	FORD	16	MCM	9	TOK WINKHAUS	11
BRICARD	3, 8, 20	FORT	8	MEGA	7	TOPLOCK	9, 11
BRISANT	3	GARDIAN	22	MERIT LINDE	17	TOVER	12
BUFFO	1, 16	GE GE	6	METALCASTELLI	7	TOYOTA	17
BURG	3	GERA	7	MHA	9	TRELOCK	12, 18
BURG WACHTER	3	GERION	22	MITSUBISHI	17	TRI CIRCLE	12
CARL F	4	GEVY	9	MLM	9	TRIO-VING	12
CAYS	4	GODREJ	7	MOIA	23, 24	TROMER	12
CEM	8	GUARD	7	MOTTURA	9	TRYBA	6
CES	4	GUARDIAN	22	MUEL	9	UCEM	12, 13
CIBOX	3	HÄFELE	7	NEIMAN	16, 17	ULTION	3
CISA	1, 4	HASLER	11	NEMEF	4	ULTRA	8
CLASS	20, 21	HEKNA	7	NISSAN	17	UNION	8
CORBIN	4, 5	HOBBY	16	OJMAR	9	UNIVERSAL	13
CORONA	8	HOPPE	3	OMEC	10	VACHETTE	8, 13, 18, 24
CVL	4	HOK	7	OMR	23, 24	VBH	6
DACIA	16	HUDSON	7	PETCO	8	VESPA	18
DEBEAURAIN-ND	21	HUF	16	PFAFFENHAIN	10	VF (VEROFER)	6
DEKABA	4, 5	HUGO	7	POSSE	8	VIDMAR	11
DENY	21	HYMER	16	POTENT	10	WEDO	5
DIERRE	5	HYUNDAI	16, 17	PUCH	18	WITTE	16
DINBOX	5	IFAM	8	PREFER	10	WSS	7
DOM	5	IKON	8	RAUCO	7	WÜRTH	7
DONNER	8	ILARGI	4	REGENT	7	YALE	13
ELBOR	21	SCHRITT	8	RENZ	10	YAMAHA	18
ELCA	6	ISEO	8	RONIS	10	YEMAR	11
ELZETT	5, 8	ISEO SILVER	8	ROTO	3	YUN HUAN	13
ESAFE	11	JOLI SAFE	12	RUKO	10		
EURO BOX	5	JPM	22, 23	RUSSIA	11		
EURO LOCKS	8, 16	KABA	8	SANTOS	10		

**LLAVES PLANAS PARACERRADURAS DE CILINDRO**

SARRAILA ZILINDRIKOTARAKO GILTZA ZAPALAK  
CYLINDER KEYS  
CLÉS POUR CYLINDRES  
ZYLLINDERSCHIÜSSEL



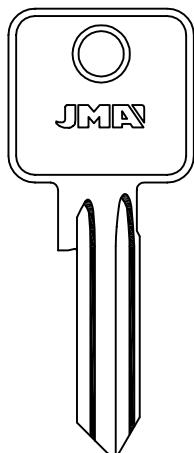
**SUPLEMENTO-SUPPLEMENT**  
**C.11 2017**

**THE KEY TO EXCELLENCE**  
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



## ABUS

**PARA-FOR:**  
ABUS (D)



ABU-48

\* LAT.

ABU-58D

K1D  
ABU-70

ABU-70D NEW

ABU-77

ABU-80

ABU-83

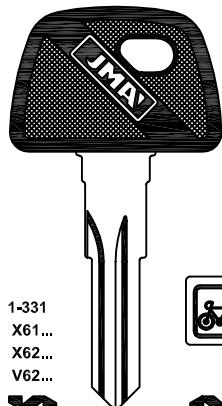
X4S

ABU-17

ABU-17D

\* ABU-85

CISA



1-331  
X61...  
X62...  
V62...

ABU-35.P

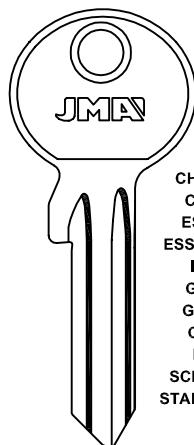
ABU-35D.P NEW

1-331  
V61...  
V62...

ABU-36.P

BUFFO

## ABUS



CHAVO  
CISA  
ESCO  
ESSENDIA  
ITO  
GEFI  
GETE  
GTV  
NB  
SCHUCO  
STANDARD

ABU-41 ABU-41D

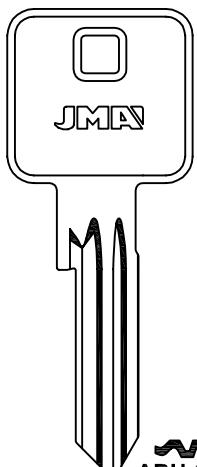
ABU-68

ABU-92 ABU-92D NEW

ABU-99D/1 NEW

ABU-99D/2 NEW

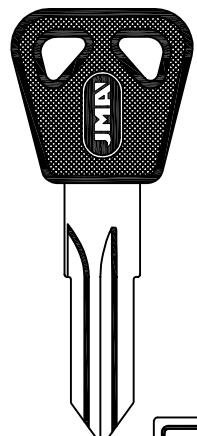
ABU-99D/3 NEW



ABU-86D

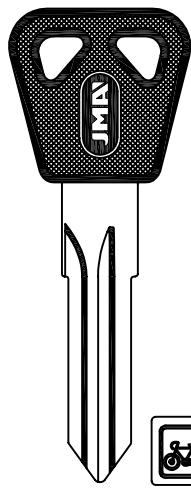
E60 ABU-94D

NEW

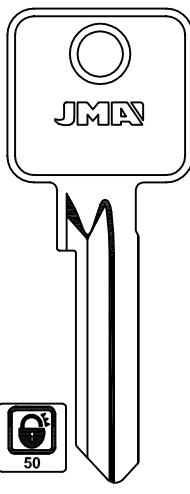


NW52  
ABU-87.P  
NEW

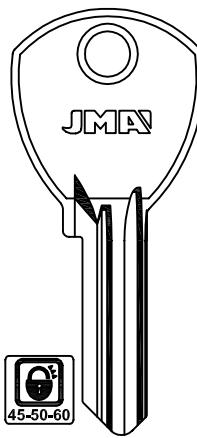
## ABUS



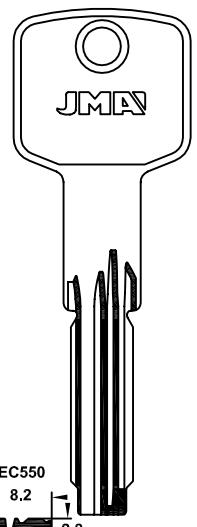
NW72  
ABU-88.P  
NEW



SERIE 90/50  
ABU-89D  
NEW



SERIE 64TI  
ABU-90  
NEW



EC550  
8.2  
2.8  
ABU-91  
NEW

LAT.

**JMA®**

Copyright by Alejandro Altuna S.L.U. 2017



ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.

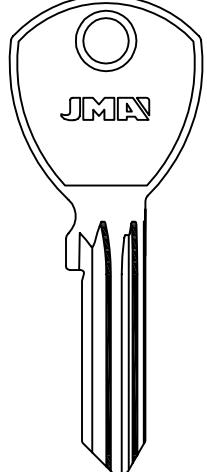
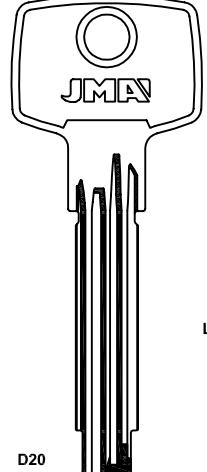
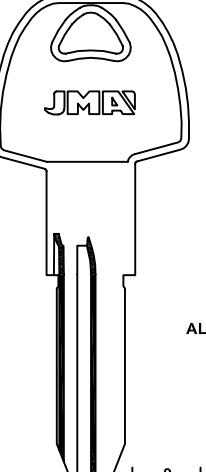
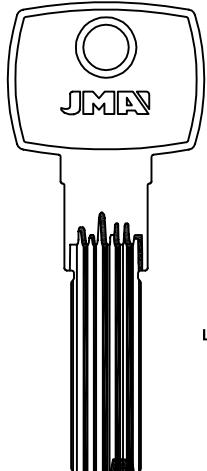
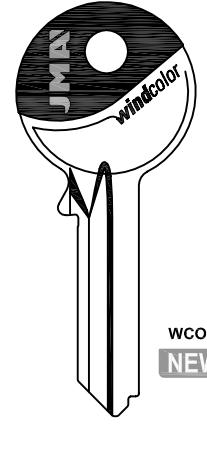
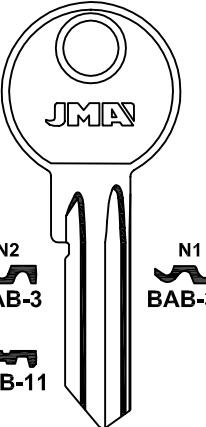
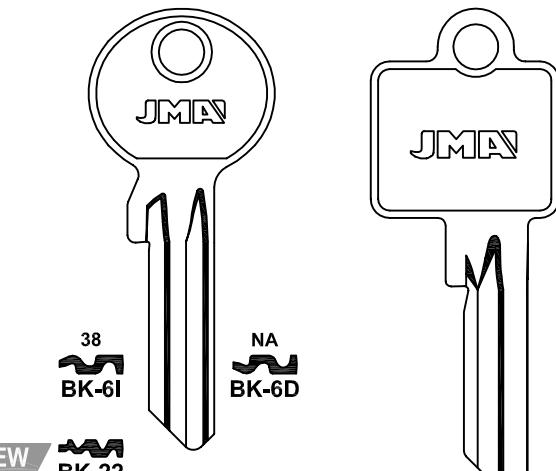
ATTENTION: Concerning the marks and commercial denominations see note in index.

ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.

## PARA-FOR:

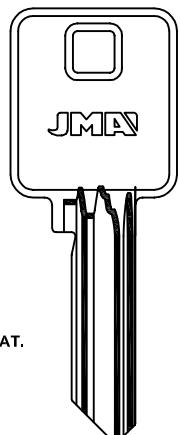
ABUS (D)  
AGA (E)  
ASSA (S)  
AXA (S)  
AZBE (E)  
BAB (D)  
BKS (D)

ABUS	AGA	ASSA
 <b>ABU-93</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>	 <b>LAT.</b>  <b>ABU-96</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>	 <b>ALP.</b>  <b>AGA-55D</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>
AXA	AZBE	BAB
 <b>LAT.</b>  <b>AX-6</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>	 <b>WCOLOR</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>	 <b>N2 BAB-3</b> <b>N1 BAB-3D</b>  <b>BAB-11</b>  <b>BAB-12D</b>  <b>BAB-20D/2</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>
BKS		
 <b>38 BK-6I</b> <span style="background-color: #ccc; padding: 2px;">NEW</span> <b>NA BK-6D</b>  <b>BK-22</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>  <b>BK-23</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>		<b>BK-21/1</b> <b>BK-21/14</b>  <b>BK-21/2</b> <b>BK-21/16</b> <span style="background-color: #ccc; padding: 2px;">NEW</span> <b>BK-21/4</b> <b>BK-21/17</b> <span style="background-color: #ccc; padding: 2px;">NEW</span> <b>BK-21/5</b> <b>BK-21/19</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>  <b>BK-21/7</b>  <b>BK-21/9</b>  <b>NA BK-7D</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>  <b>BK-21/10</b> <span style="background-color: #ccc; padding: 2px;">NEW</span>

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 denominations commerciales voir la note dans l'index.  
ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.



## BKS

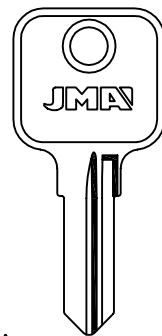


\* LAT.

- |           |            |                       |
|-----------|------------|-----------------------|
| * BK-16/7 | * BK-16/16 | BK-16/30              |
| * BK-16/5 | * BK-16/15 | * BK-16/23            |
| * BK-16/4 | * BK-16/14 | * BK-16/21            |
| * BK-16/3 | * BK-16/13 | * BK-16/20            |
| * BK-16/2 | * BK-16/11 | <b>NEW</b> * BK-16/19 |
| * BK-16/1 | * BK-16/10 | * BK-16/18            |
| * BK-16/0 | * BK-16/9  | * BK-16/17            |

SERIE 2000

## BMB



A  
BMB-1

M  
**NEW** BMB-3      BMB-3D

A...201-400

**NEW** BMB-4

## PARA-FOR:

BKS (D)

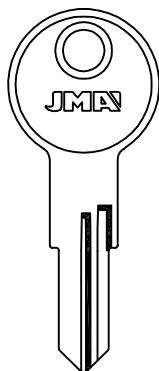
BMB (D)

BRICARD (F)

BRISANT (GB)

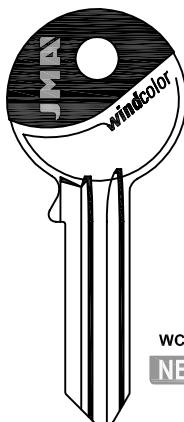
BURG (D)

## BMB



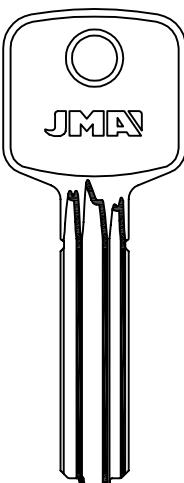
**NEW**  
BMB-5

## BRICARD



WCOLOR  
**NEW**

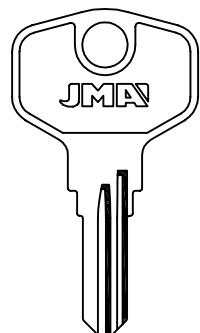
## BRISANT



LAT.

ULTION - FEDERAL

## BURG

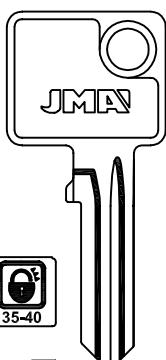


BUR-10      BUR-10D

**NEW** BUR-38

CIBOX-HOPPE-KIND-ROTO

## BURG



35-40

**NEW** BUR-14

BUR-14D

222 C40

**NEW** BUR-19D



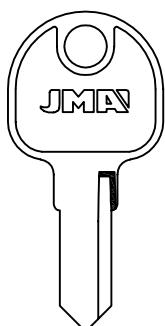
405-40

**NEW**

BUR-37D

BURG WACHTER

## BURG

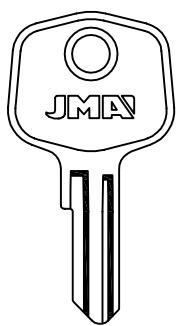


**NEW** BUR-35D

**NEW** BUR-36

**NEW** BUR-36D

BURG WACHTER



1-200

**NEW** BUR-39

## ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.

ATTENTION: Concerning the marks and commercial denominations see note in index.

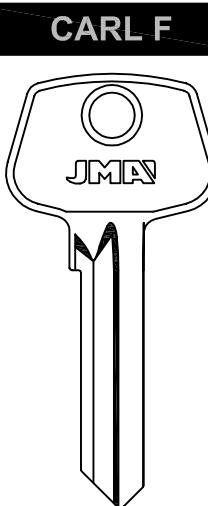
ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.



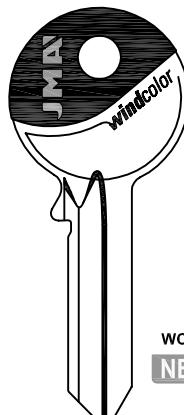
## PARA-FOR:

CARL F (GB)  
CAYS (E)  
CES (D)  
CISA (I)  
CORBIN (I)  
CVL (E)  
DEKABA (GB)

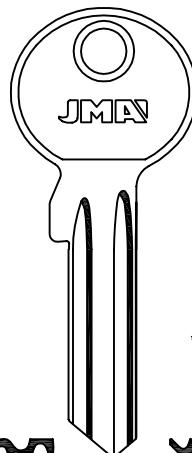


CRF-1D  
NEW

## CAYS



WCOLOR  
NEW



\* MTIC.  
CE-7I

NEMEF

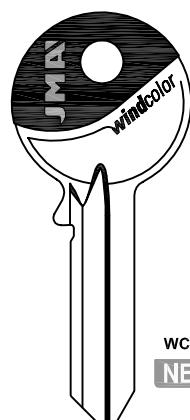
\* CE-7D

CE-8D

S  
CE-136D/1  
S  
CE-136D/2  
S  
CE-136D/4  
S  
CE-136D/5  
NEW  
NEW  
NEW  
NEW  
NEW

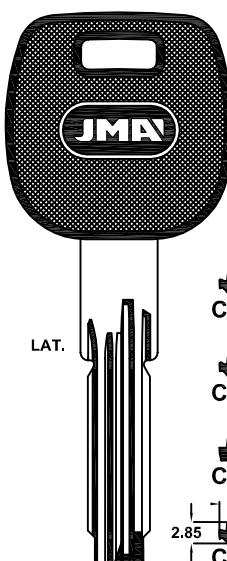
NEMEF

## CISA



WCOLOR  
NEW

CI-DL



LAT.

CI-73.P NEW CI-78.P NEW  
CI-72.P NEW CI-77.P NEW  
CI-71.P NEW CI-76.P NEW  
2.85 CI-48.P NEW CI-75.P NEW



WCOLOR  
NEW

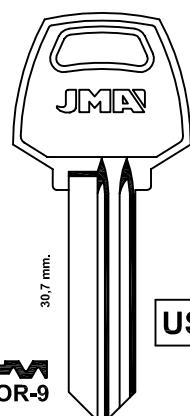
COR-1D

## CORBIN

## ABUS

## CVL

## DEKABA



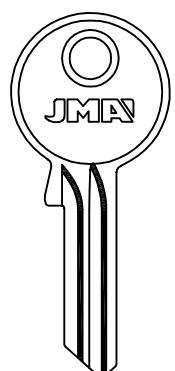
30,7 mm.

USA

COR-9

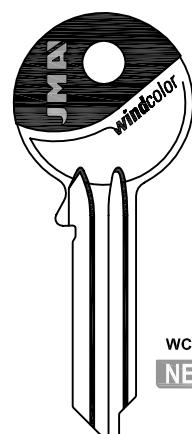
COR-10

COR-61  
NEW



COR-70  
NEW

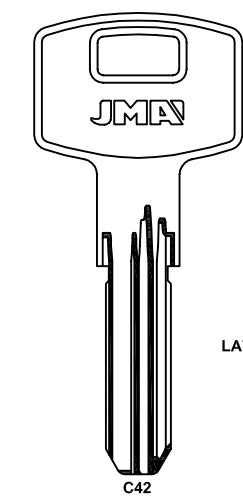
COR-70D



WCOLOR  
NEW

CVL-5I

CVL-5D

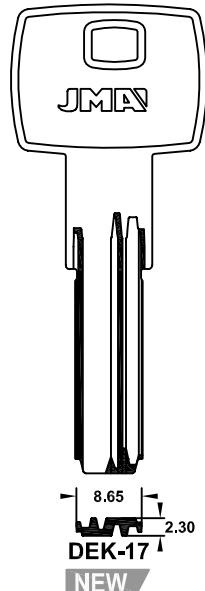
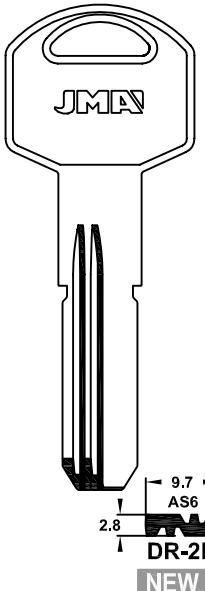
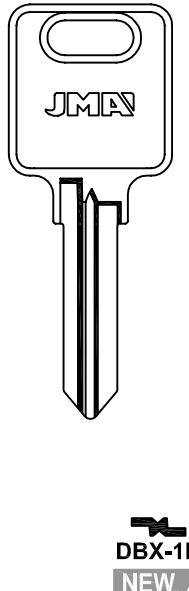


NEW DEK-16  
C42 8,60 2,50

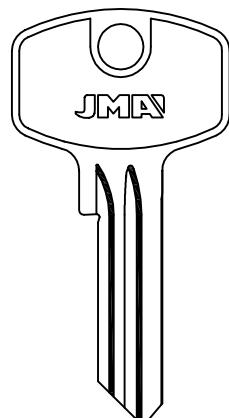
LAT.  
MAUER-AXA

ATTENCIÓN: 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 denominations commerciales voir la note dans l'index.  
ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.



**DEKABA****DIERRE****DINBOX****PARA-FOR:**

- DEKABA (GB)
- DIERRE (I)
- DINBOX (N)
- DOM (D)
- ELZETT (H)
- EURO BOX

**DOM**

DOM-78D

NEW

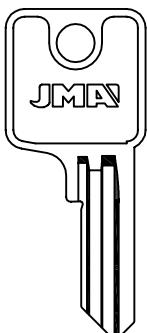
PLURA  
DOM-75  
NEW

DOM-46D

DOM-45

DOM-44D

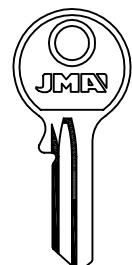
DOM-21D  
CORBIN



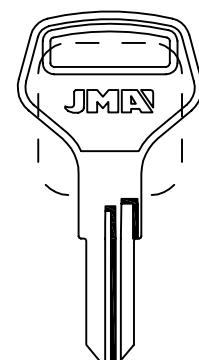
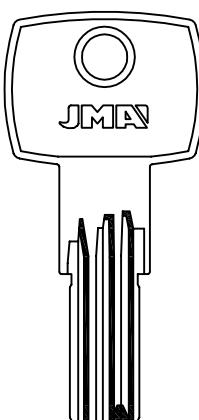
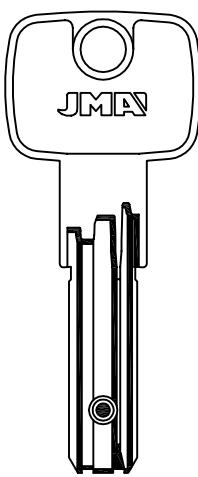
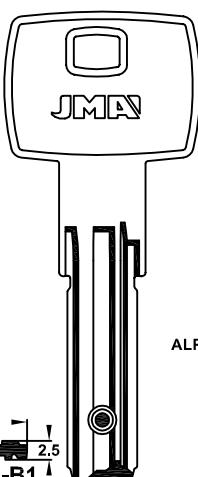
DOM-25D

DOM-49D

DOM-76D  
NEW



DOM-77D  
NEW

**DOM****ELZETT****EURO BOX**

EUB-2  
EUB-2D  
NEW  
BRABANTIA-MARS-WEDO

ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.

ATTENTION: Concerning the marks and commercial denominations see note in index.

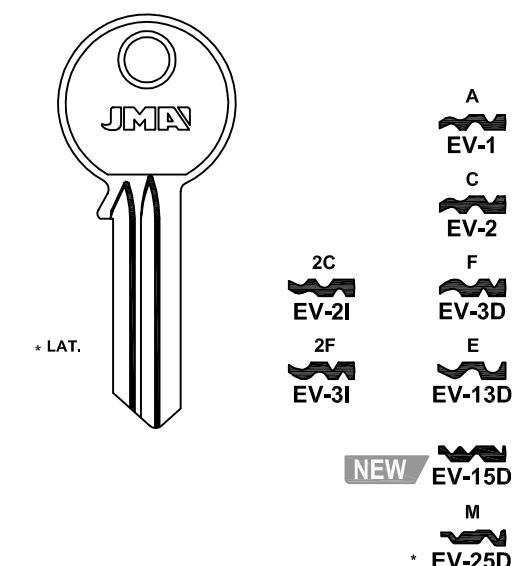
ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.

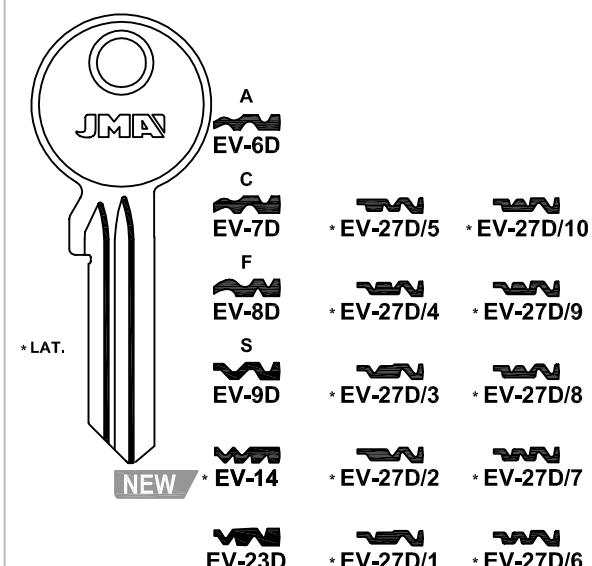


## PARA-FOR:

EVVA (A)  
EZCURRA (E)  
FAC (E)  
FAINER (P)  
FAVOUR (DZ)  
FCV (D)  
FERONERIA (RU)  
GE GE (A)

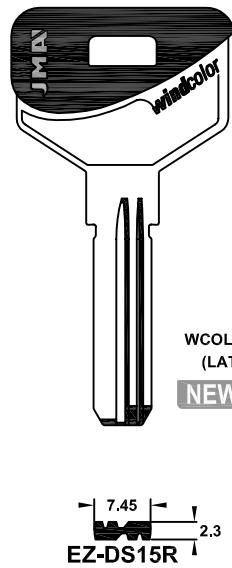


## EVVA

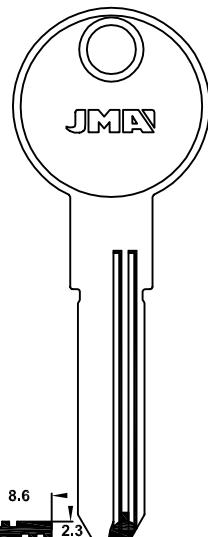


## ELCA

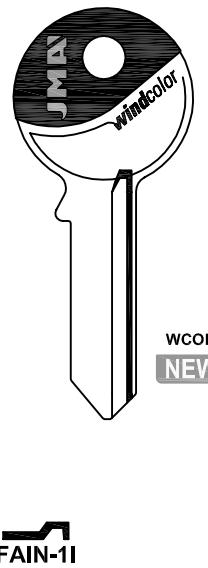
### EZCURRA



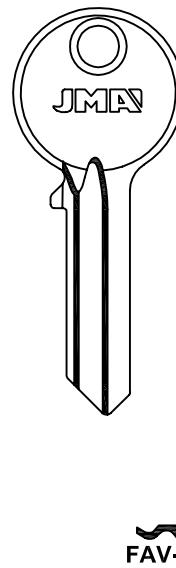
### FAC



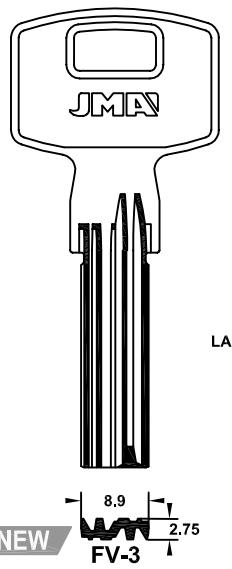
### FAINER



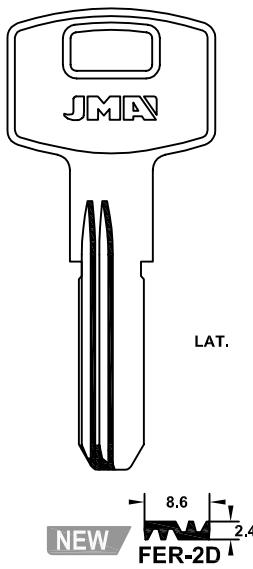
### FAVOUR



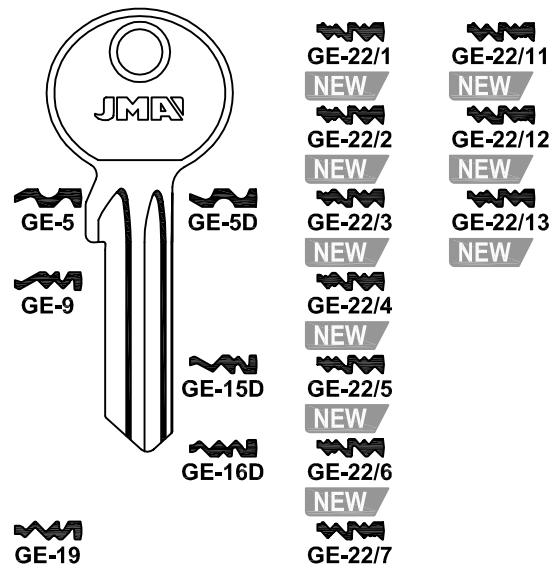
### FCV



### FERONERIA



### GE GE



ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.

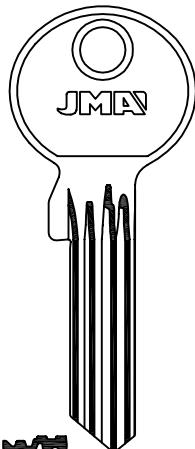
ATTENTION: Concerning the marks and commercial denominations see note in index.

ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.

ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.



## GERA



GEA-9/9  
NEW

GEA-9D/8  
NEW

GEA-9/7  
NEW

GEA-9D/7  
NEW

GEA-9/14  
NEW

GEA-9/13  
NEW

GEA-9D/5  
NEW

GEA-9D/12  
NEW

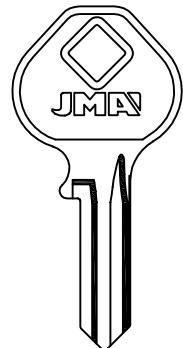
GEA-9/11  
NEW

GEA-9/10  
NEW

GEA-9/1  
NEW

GEA-9D/2  
NEW

## GODREJ



NEW GOD-3  
SHERLOCK

## PARA-FOR:

GERA (D)

GODREJ (IND)

GUARD (HK)

HÄFELE (D)

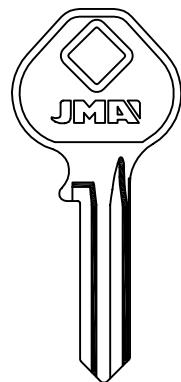
HEKNA (D)

HOK (TR)

HUDSON (USA)

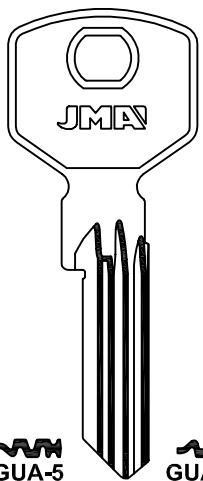
HUGO (D)

## GODREJ



NEW GOD-4  
SHERLOCK

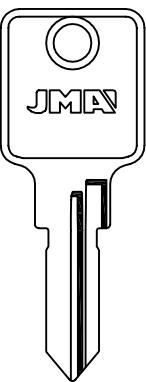
## GUARD



GUA-5  
NEW

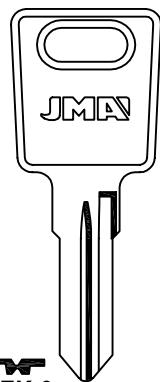
GUA-4  
NEW

## HÄFELE



NEW HAF-6  
WSS-WÜRTH

## HEKNA



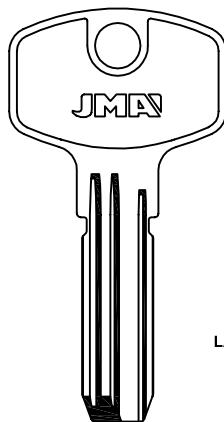
HEK-6  
NEW

HEK-5  
NEW

....1501-1540  
NEW

HEK-4  
HEK-4D  
METALCASTELLI-RAUCO-REGENT

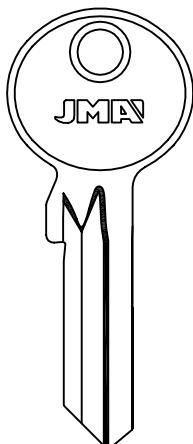
## HOK



LAT.

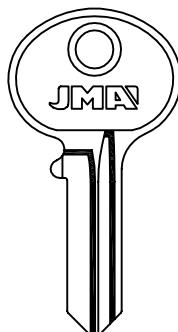
9.20  
HOK-1D  
NEW

2.50  
MEGA



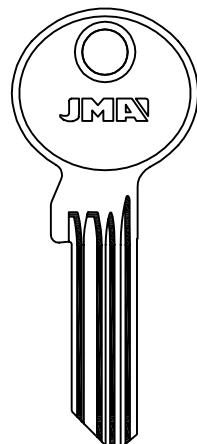
HOK-2D  
NEW

## HUDSON



... 01-175  
HUD-3  
HUD-3D  
NEW

## HUGO



HGO-1  
NEW

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 denominations commerciales voir la note dans l'index.

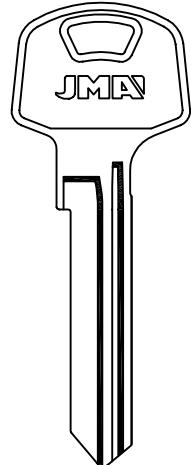
ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.



## PARA-FOR:

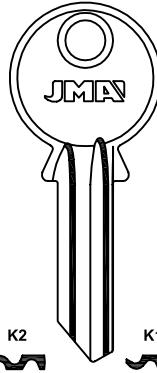
IFAM (E)  
IKON (D)  
ISEO (I)  
KABA (CH)  
KWIKSET (USA)  
LINCE (E)  
L.& F. (GB)

## IFAM



IF-7  
NEW

## IKON

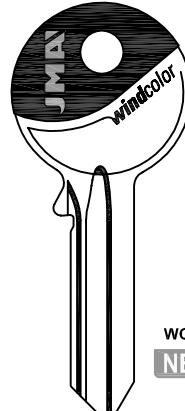


K2  
ZE-K2  
K6  
ZE-K6  
K1  
ZE-K1  
K5  
ZE-K5

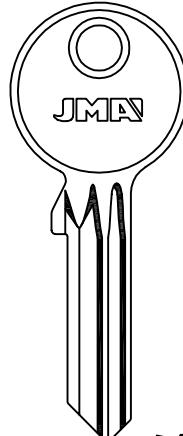
NEW ZE-160D

CORONA-FORT-SCHRITT

## ISEO



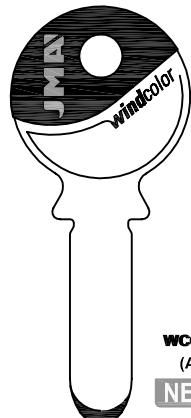
WCOLOR  
NEW



IS-21D  
NEW

ISEO SILVER

## KABA

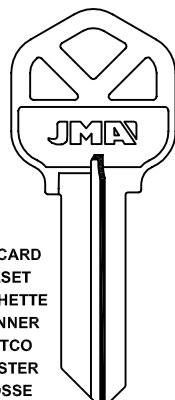


WCOLOR  
(ALP.)  
NEW

1.95  
KA-7

LÅSBOLAGET

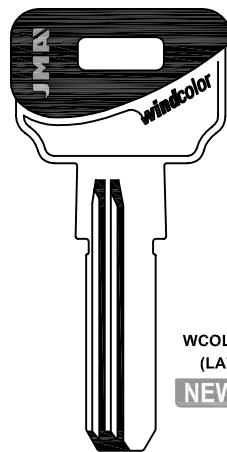
## KWIKSET



BRICARD  
EZSET  
VACHETTE  
DONNER  
PETCO  
MASTER  
POSSE

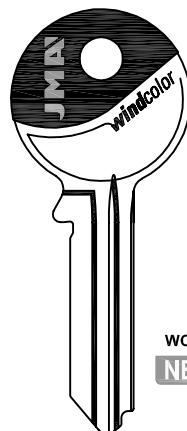
1 AL 7  
KWI-1K  
NEW

## LINCE



WCOLOR  
(LAT.)  
NEW

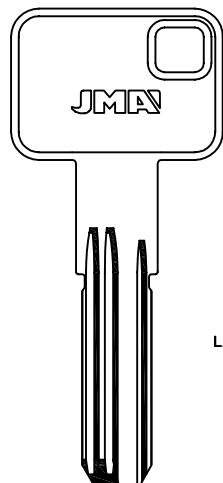
1.95  
LIN-21D  
2.45



WCOLOR  
NEW

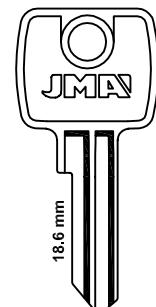
R  
LIN-25D

## LINCE



LAT.

C6  
LIN-26D  
NEW



18.6 mm

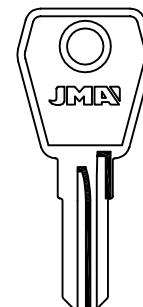
LF-15  
FFE  
001-100  
 LF-17  
NEW LF-47

CEM-EURO LOCKS-ULTRA-UNION



60... 001-200  
60... 001-200  
90... 001-200  
...1-400  
GHM...1-155  
M...1-400  
RV...1-400  
RVM...1-400  
SP...1-400  
99...1-400

LF-15D

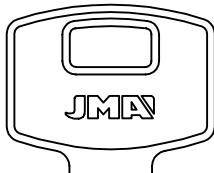


LF-46

LF-50D  
NEW



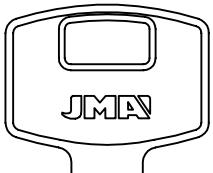
# MAUER



LAT.

8.6  
E2  
2.5  
MAU-1

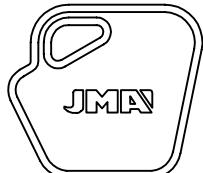
NEW



LAT.

7.2  
2.5  
MAU-2

NEW



LAT.

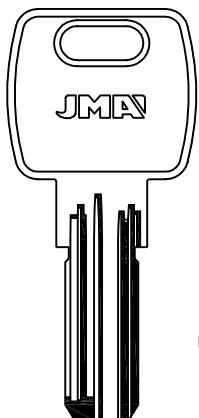
MAU-3D  
NEW



LAT.

MAU-4D  
NEW

## MCM

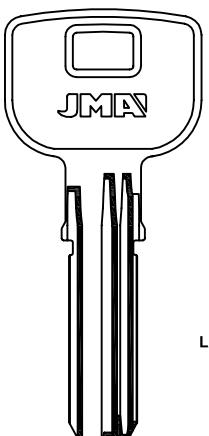


LAT.

9.7  
E8  
2.8  
MCM-15E8

NEW

## MHA

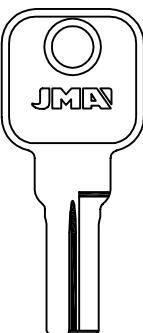


LAT.

8.80  
2.75  
MH-1  
TOP LOCK

NEW

## MLM

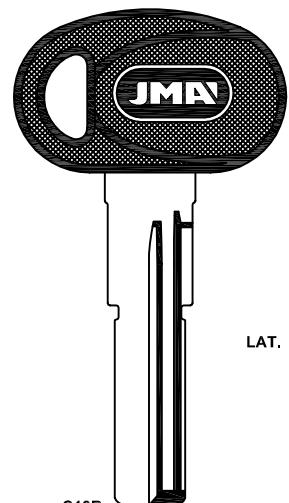


LAT.

MLM-8  
LEHMANN

NEW

## MOTTURA

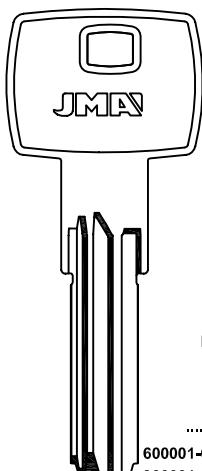


LAT.

C10R  
MT-1.P

NEW

## MOTTURA



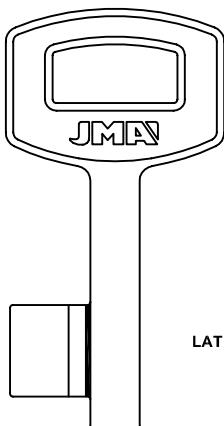
LAT.

.....  
600001-613040  
900001-902780  
8.9  
2.8  
MT-2.D

GEVY-STV

NEW

## MUEL

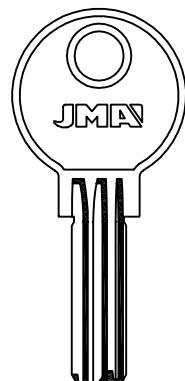


LAT.

NEW  
NEW  
MUE-1

17.15  
3.50  
MUE-2

## OJMAR



LAT.

7  
2.30  
OJ-20/4

NEW

# PARA-FOR:

MAUER (NL)

MCM (E)

MHA (TJ)

MLM (D)

MOTTURA (I)

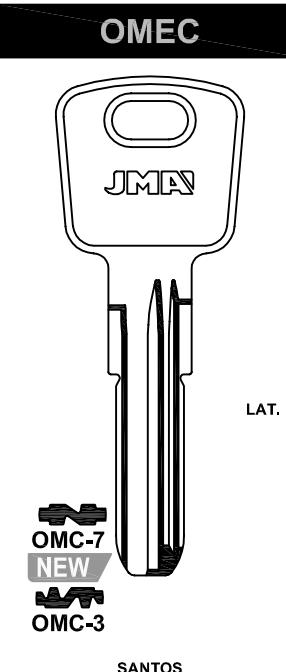
MUEL (F)

OJMAR (E)



## PARA-FOR:

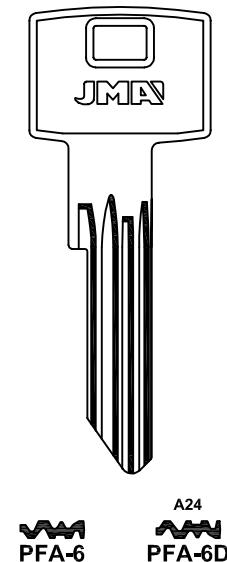
OMEC (I)  
PFAFFENHAIN (D)  
POTENT (I)  
PREFER (I)  
RENZ (D)  
RONIS (F)  
RUKO (DK)



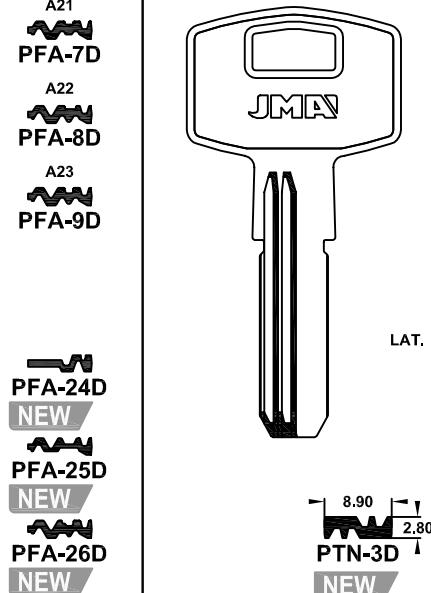
## PFAFFENHAIN

EA	PFA-13D
EB	PFA-14D
EH	PFA-15D
EN	PFA-16D
RF	PFA-17D
A21	PFA-10D
A22	PFA-11D
A23	PFA-12D
RG	PFA-18D
T21 AL T26-T28	
T31 AL T42	
T44 AL T46	
T51-T54-T65	
T85-T86-T91	
A40	PFA-23D FINA NEW
PFA-22	
PFA-22D ABUS	

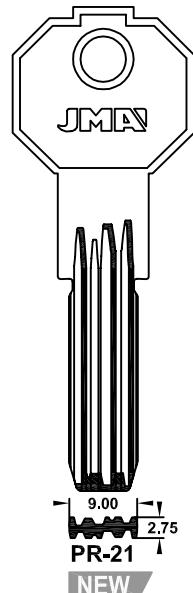
## PFAFFENHAIN



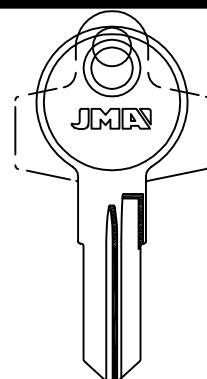
## POTENT



## PREFER

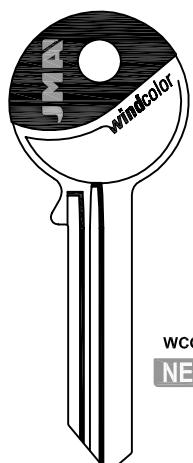


## RENZ



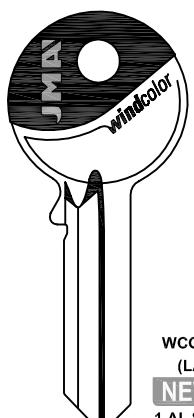
RE-5  
NEW

## RONIS



RO-29D

## RUKO



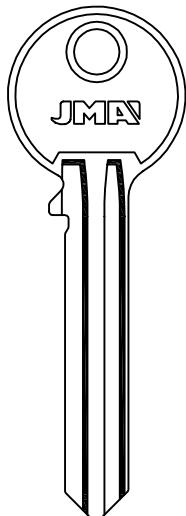
RU-1D

DIFA

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 denominations commerciales voir la note dans l'index.  
ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.

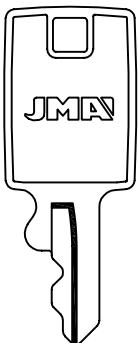


## RUSSIA



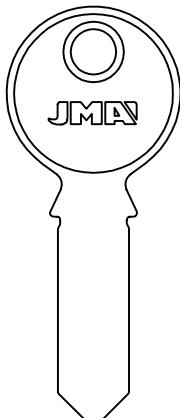
RSS-3  
NEW

## SAMSONITE



SA-5D  
NEW

## SEA



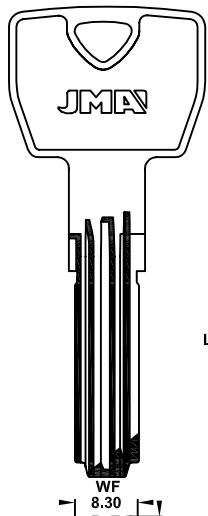
SEA-2  
NEW  
EZCURRA-HASLER-VIDMAR

ALP.

....1 AL 7

9.4 2.2

## TECON



LAT.

WF  
8.30 2.80  
TC-3  
NEW

## PARA-FOR:

RUSSIA (RUS)

SAMSONITE  
(USA)

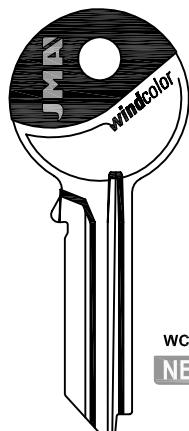
SEA (CH)

TECON (E)

TESA (E)

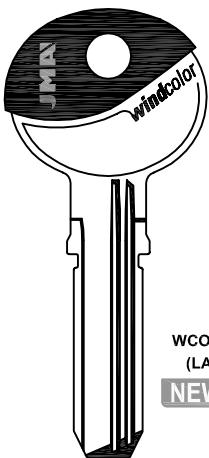
TOK WINKHAUS  
(D)

## TESA



T.....  
0 AL 9  
TE-8I

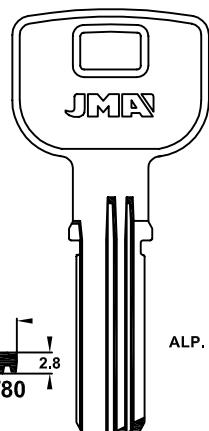
WCOLOR  
NEW



THOMAS LAIDLAW

WCOLOR  
(LAT.)  
NEW

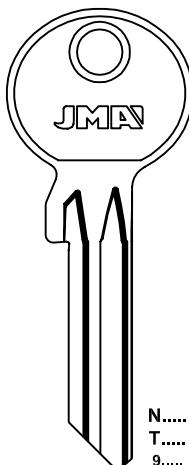
8.9 2.8  
TE-T60



8.8 2.8  
TE-T80  
EH  
SC  
TE-T80SC  
NEW

ESAFA-STS-TOPLOCK-YEMAR

## TOK WINKHAUS



N.....  
T.....  
9.....  
....9  
0 AL 8  
TOK-6  
TOK-6D

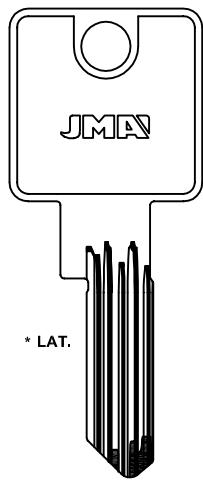
TOK-83  
NEW

TOK-27

TOK-26

TOK-83D  
NEW

TOK-25

ENAX  
TOK-7D

\* LAT.

TOK-32

TOK-23

TOK-15

TOK-13D

TOK-11

TOK-9

TOK-33

TOK-28D

TOK-16D

TOK-14D

TOK-12

TOK-86D  
NEWTOK-85D  
NEWTOK-84D  
NEWTOK-82  
NEW

BFA3

\* BIF-1

EFAM  
EFWS

BYNY1

TOK-10D

FAABF

TOK-34D

FICHET-BIFFAR

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 denominations commerciales voir la note dans l'index.

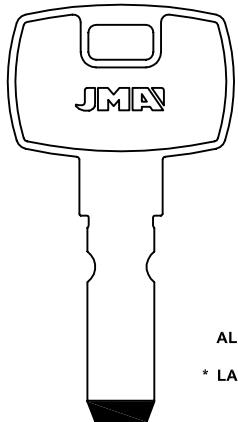
ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.



## PARA-FOR:

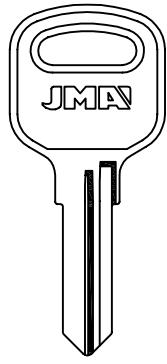
TOVER (E)  
TRELOCK (D)  
TRI-CIRCLE (RC)  
TRIO-VING (N)  
UCEM (E)

## TOVER

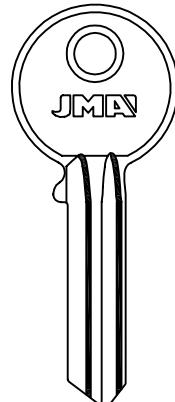
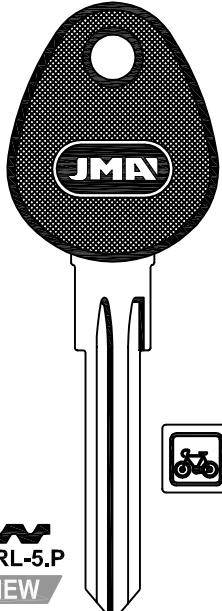


ALP.  
\* LAT.

2F35  
8.85  
TOV-4 \* TOV-8D  
TROMER NEW

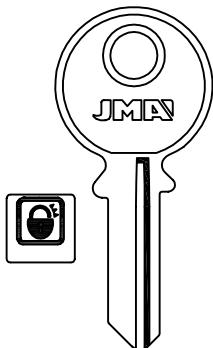


## TRELOCK

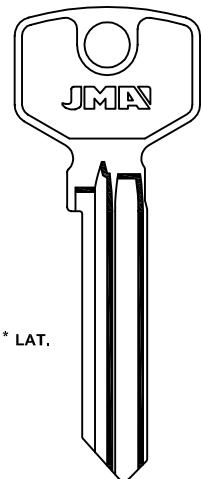


TRL-6 NEW TRL-6D NEW

## TRI-CIRCLE



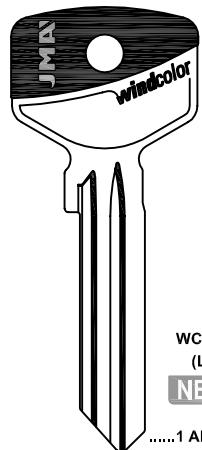
TRI-17 NEW TRI-17D



\* LAT.

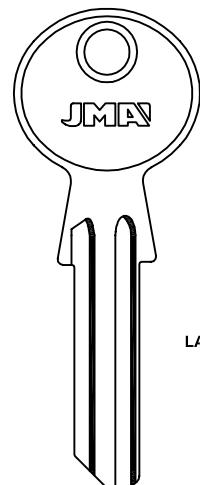
\* TV-17 \* TV-17D  
\* TV-18D  
\* TV-19D  
\* TV-20  
\* TV-21  
\* TV-22 \* TV-22D  
\* TV-23 \* TV-23D

## TRIO-VING



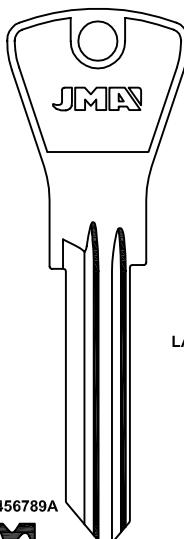
WCOLOR (LAT.) NEW  
.....1 AL 9  
.....0 AL 9  
....30000-56769  
....1-26770  
TV-3D

## TRIO-VING



LAT.

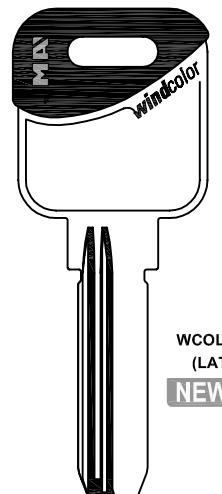
TV-37 NEW



LAT.

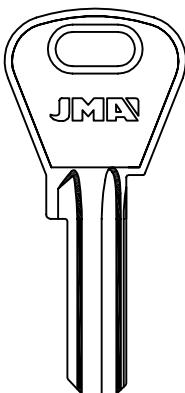
.....123456789A  
TV-38 NEW JOLI SAFE

## UCEM



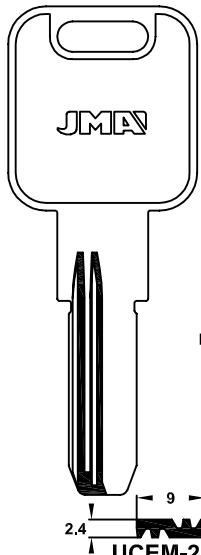
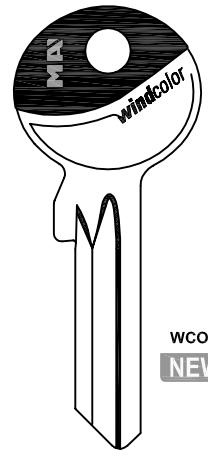
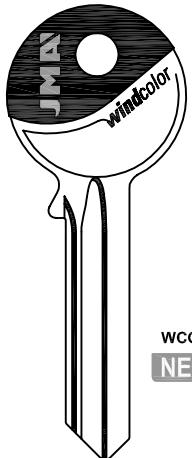
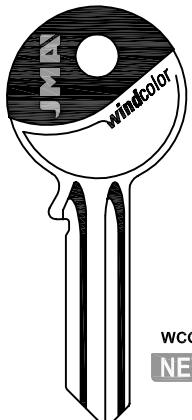
WCOLOR (LAT.) NEW

2000S UCEM-8D



UCEM-19 NEW TITAN



**UCEM****UNIVERSAL****PARA-FOR:**

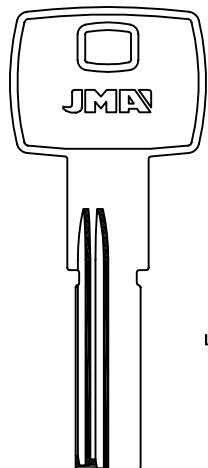
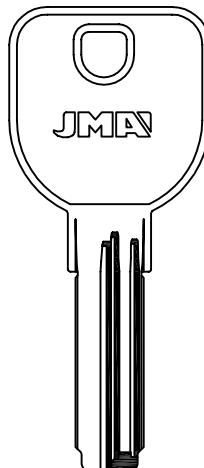
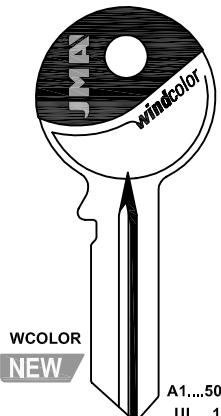
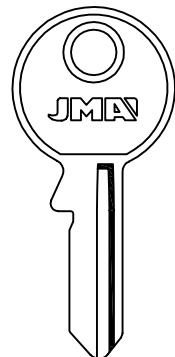
UCEM (E)

UNIVERSAL

VACHETTE (F)

YALE (D-GB-USA)

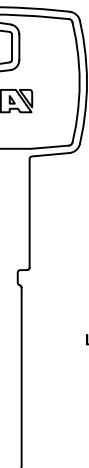
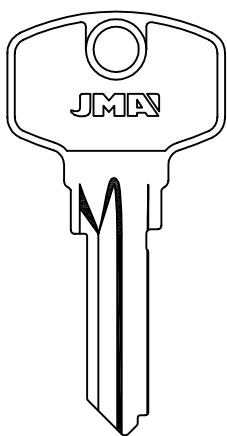
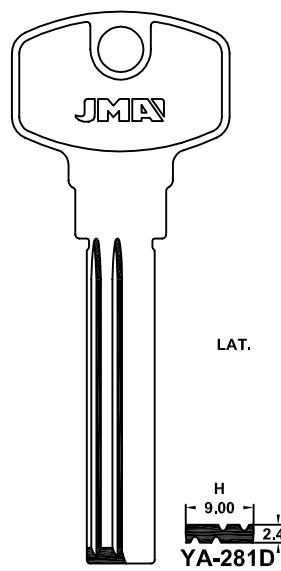
YUN HUAN (PRC)

**UNIVERSAL****VACHETTE**

A1....5001-5631  
UL....1-3500  
U....1 AL 9 AL 0

VA-8D

VA-75D

**YALE****YALE****YUN HUAN**

YUH-3D NEW

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 denominations commerciales voir la note dans l'index.

ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.

**JMA**®

Copyright by Alejandro Altuna S.L.U. 2017





**LLAVES PARA VEHÍCULOS**

IBILGAILUENTZAKO GILTZAK

KEYS FOR VEHICLES

CLÉS POUR VÉHICULES

FAHRZAUGESCHLÜSSEL



**SUPLEMENTO-SUPPLEMENT**

**C.11 2017**

**THE KEY TO EXCELLENCE**

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

## PARA-FOR:

ABUS (D)

AXA (S)

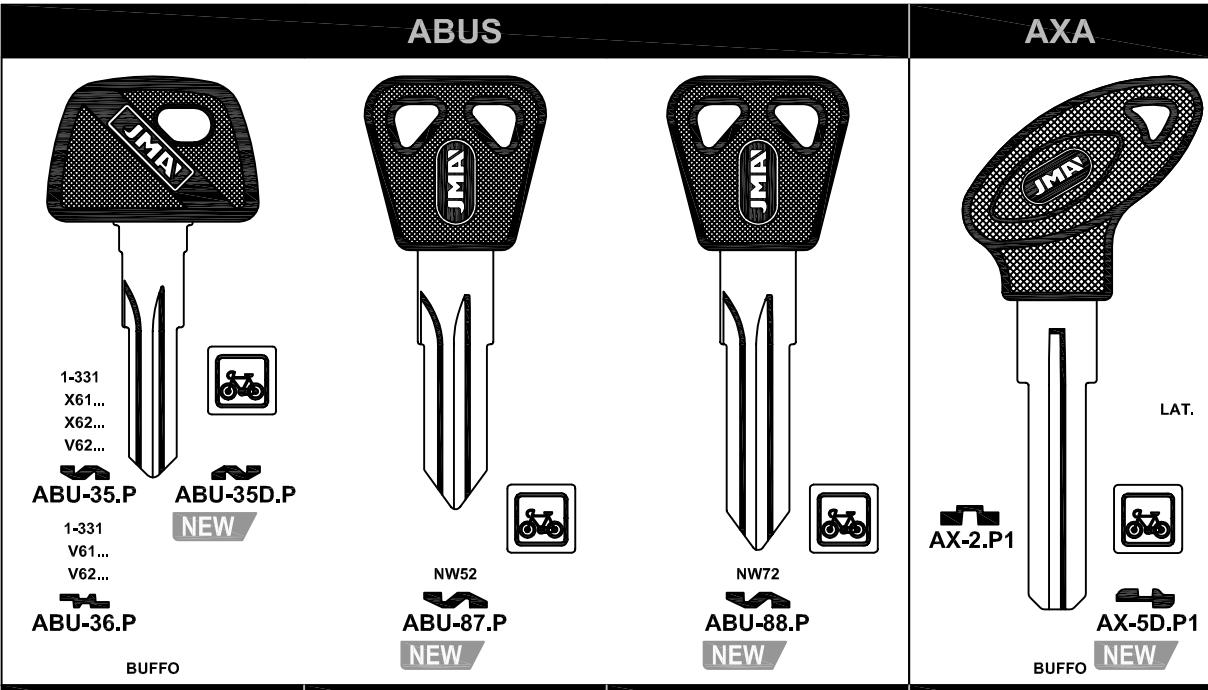
DACIA (R)

EURO LOCKS  
(B)

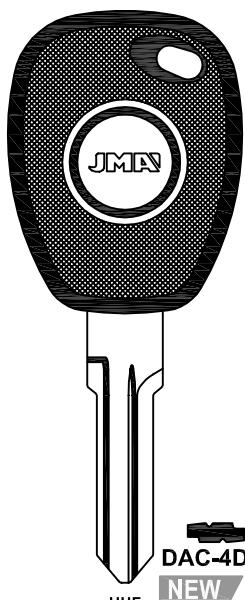
FORD (USA)

HUF (D)

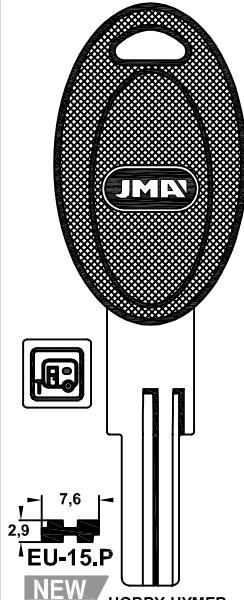
HYUNDAI (K)



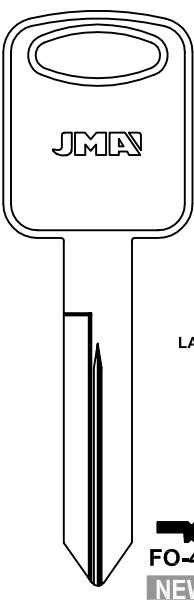
## DACIA



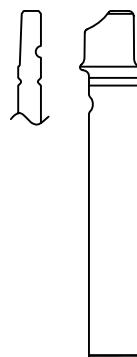
## EUROLOCKS



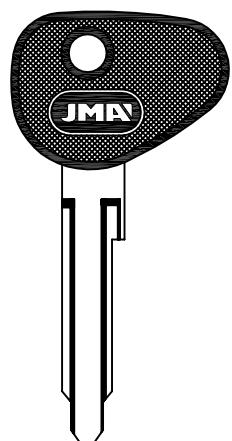
## FORD



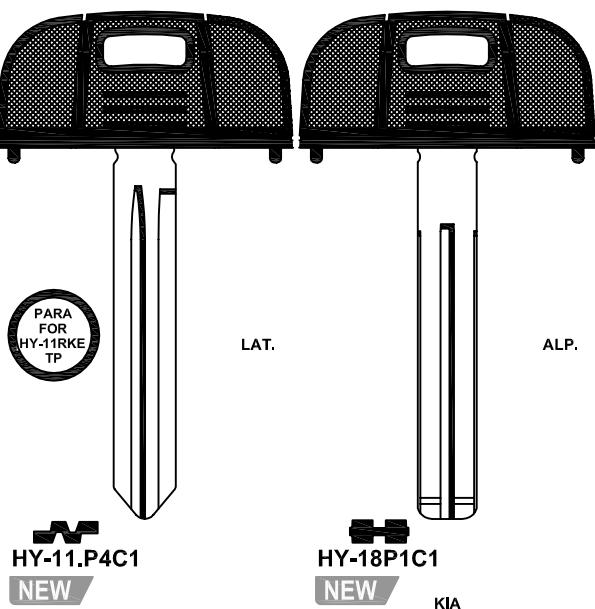
## HUF

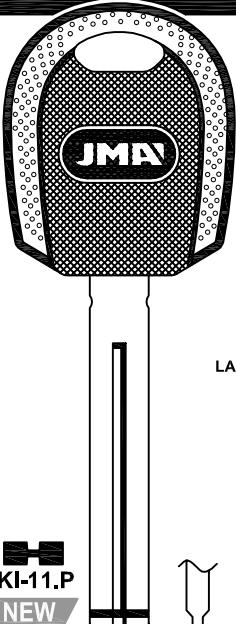
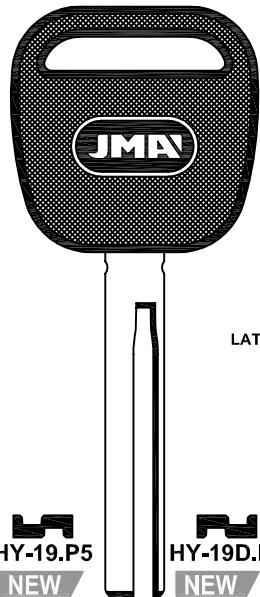
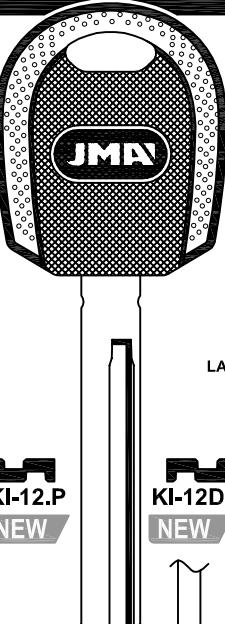
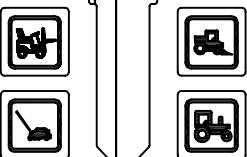
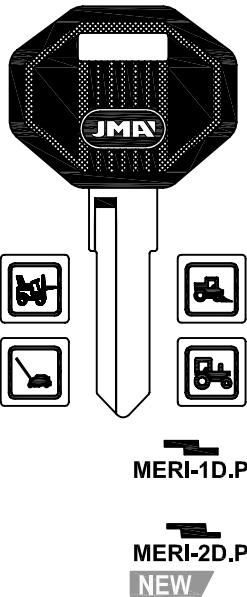


## HUF

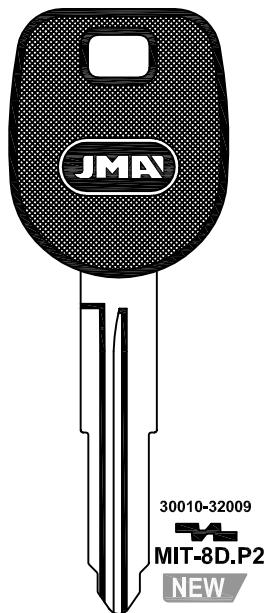
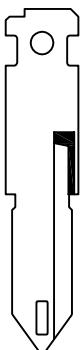
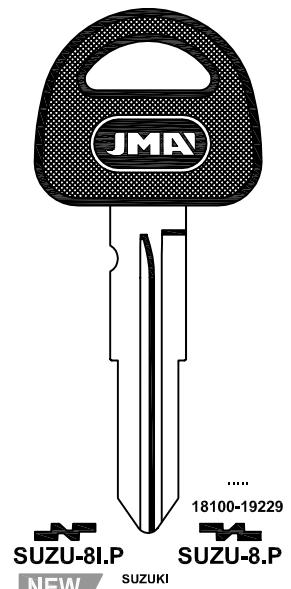
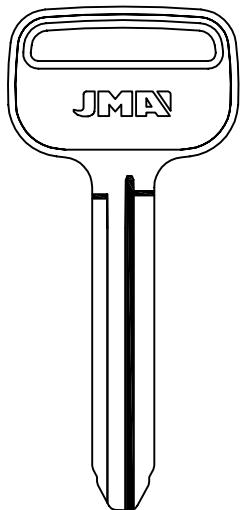
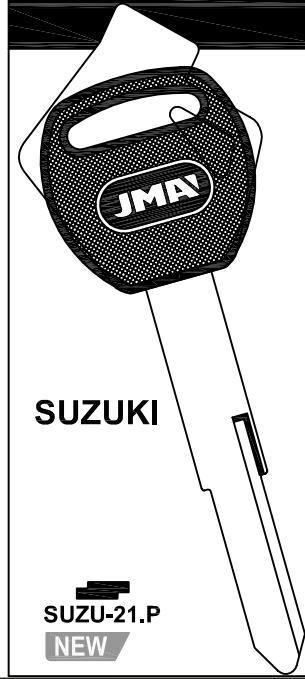
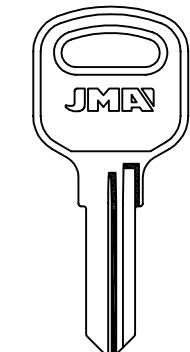


## HYUNDAI



**HYUNDAI****KIA**KI-12.P  
NEWKI-12D.P  
NEW**MERIT-LINDE**MERI-2D.P  
NEW**PARA-FOR:**

HYUNDAI (K)  
KIA (K)  
MERIT-LINDE (D)  
MITSUBISHI (J)  
NEIMAN (F)  
NISSAN (J)  
SUZUKI (J)  
TOYOTA (J)  
TRELOCK (D)

**MITSUBISHI****NEIMAN****NISSAN****SUZUKI****TOYOTA****TRELOCK**TRL-3D  
NEW

LAT.

**JMA®**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 denominations commerciales voir la note dans l'index.

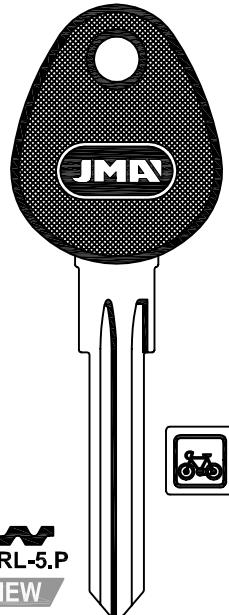
ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.

**PARA-FOR:**

TRELOCK (D)

VACHETTE (F)

YAMAHA (J)

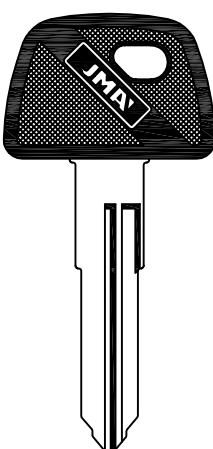
**TRELOCK**

**TRL-5.P**  
NEW

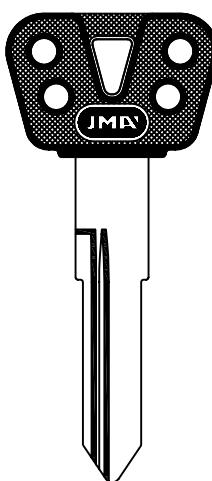
**VACHETTE**

....A/Z 0/9  
1-4092  
....A/Z 0/9  
5001-9092  
....A/Z 0/9  
1-4092  
....A/Z 0/9  
5001-9092

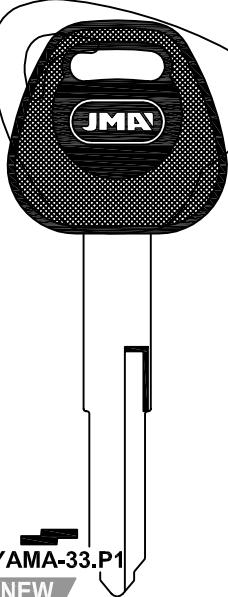
**VA-61C3**  
NEW

**YAMAHA**

**NEW**  
YAMA-25.P YAMA-25D.P  
PUCH-VESPA-YAMAHA



**YAMA-32D.P**  
NEW

**YAMAHA**

**YAMA-33.P1**  
NEW

*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 denominations commerciales voir la note dans l'index.*

*ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.*

**JMA**®



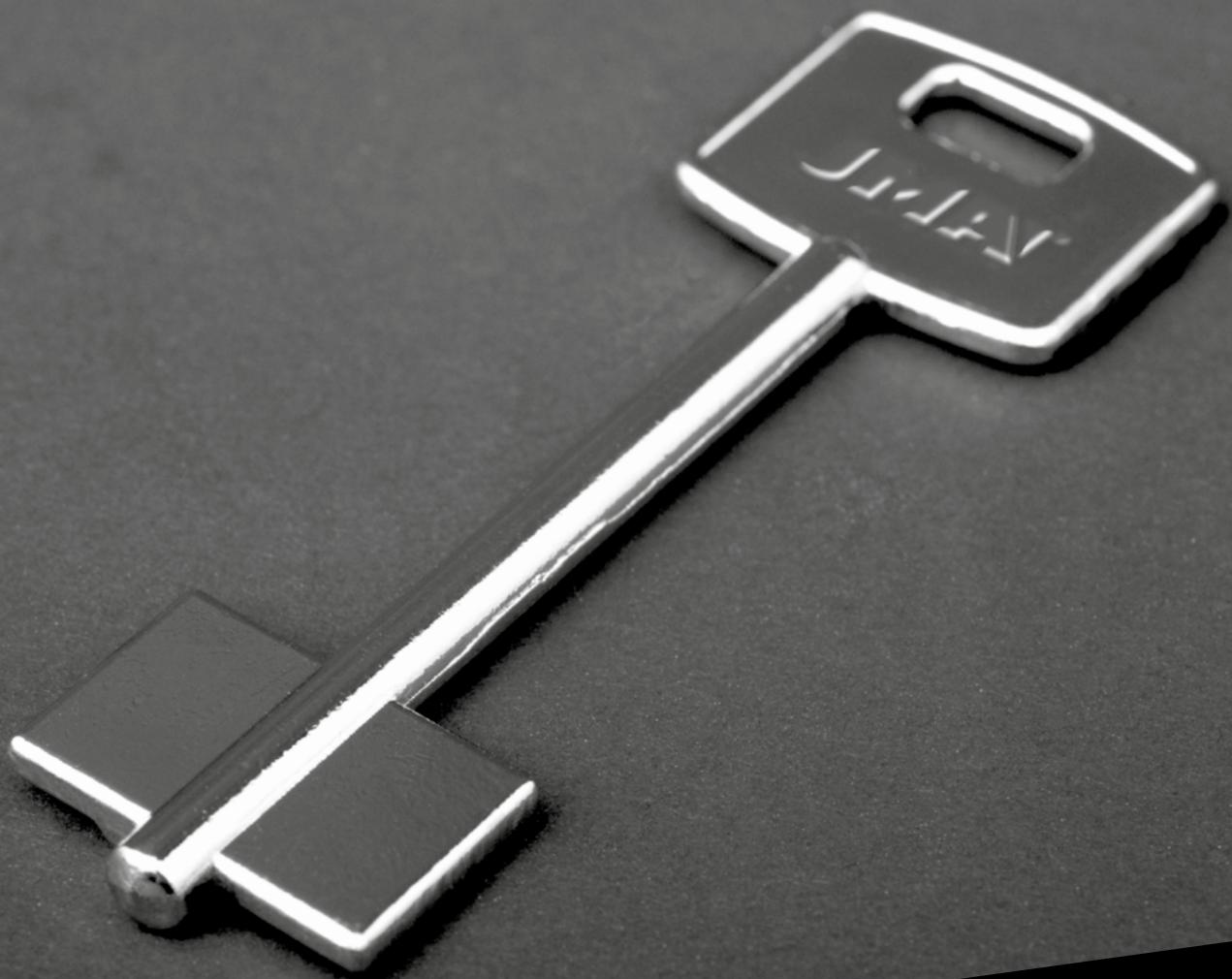
**LLAVES DE CRUZ-GORJA-ARMARIO**

GURUTZE-GORJA-ARMAIRUETARAKO GILTZA

CRUCIFORM- BIT -FURNITURE KEYS

CLÉS CRUCIFORMES-GORGES- POUR MEUBLES

KREUTZSCHLÜSSEL-CHUBBSCHLÜSSEL-MOBELSCHÜSSEL



**SUPLEMENTO-SUPPLEMENT**

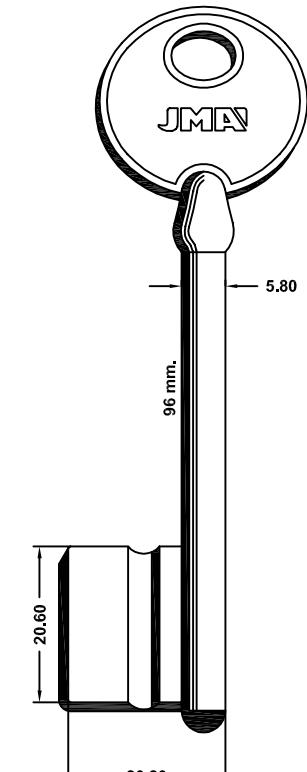
**C.11 2017**

**THE KEY TO EXCELLENCE**  
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

# PARA-FOR:

MOIA (I)  
BRICARD (F)  
CLASS (RUS)

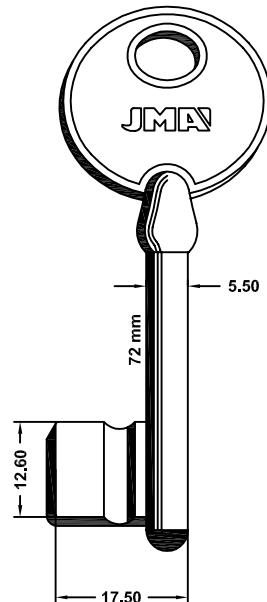
101



**101-1G**  
NEW

**101-2G**  
NEW

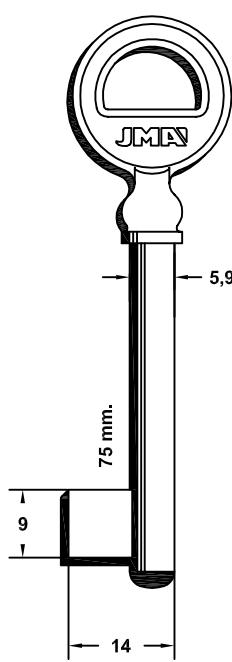
716



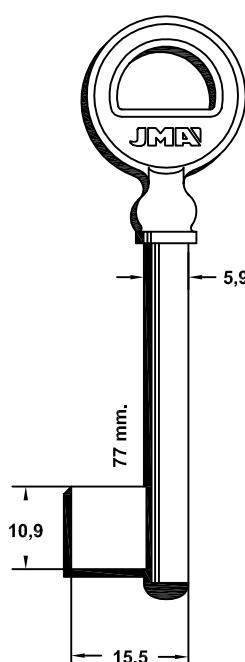
**716-2G**  
NEW

**716-1G**

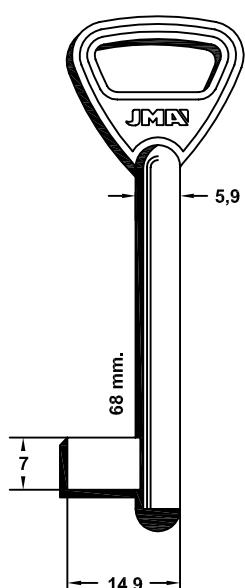
## BRICARD



**BRI-1**  
NEW

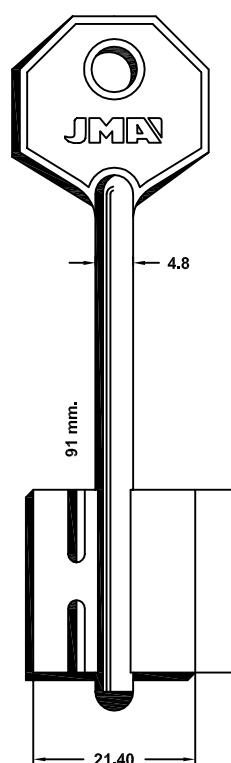


**BRI-2**  
NEW



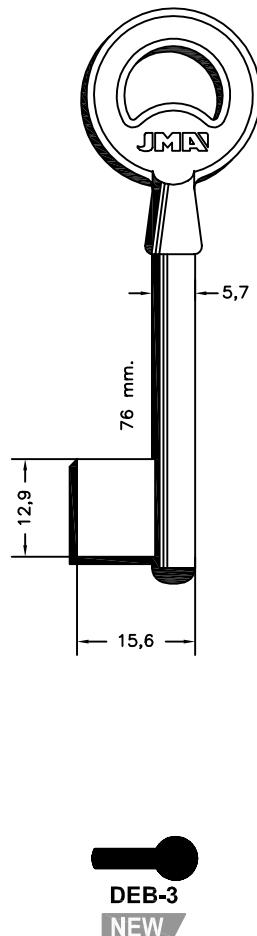
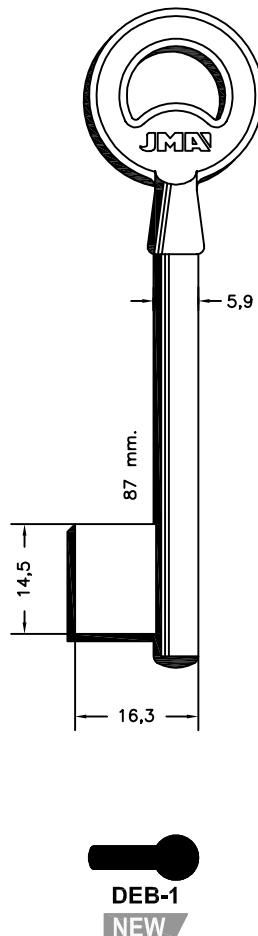
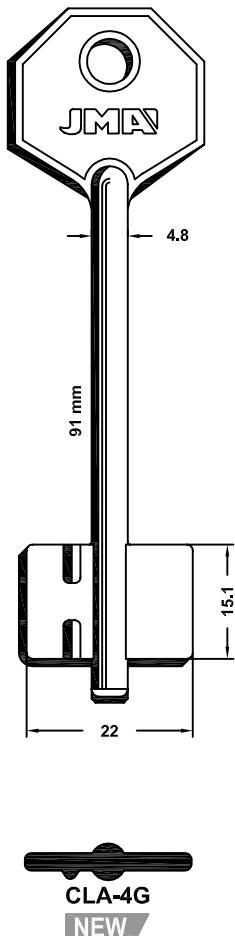
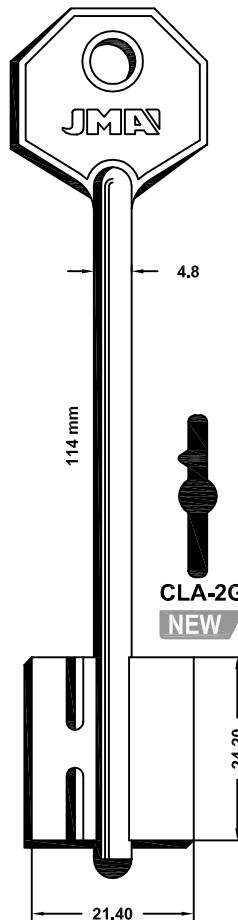
**BRI-3**  
NEW

## CLASS

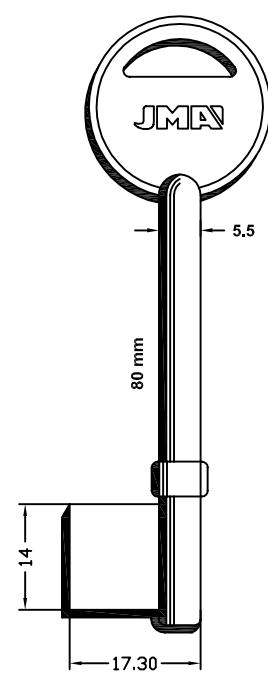
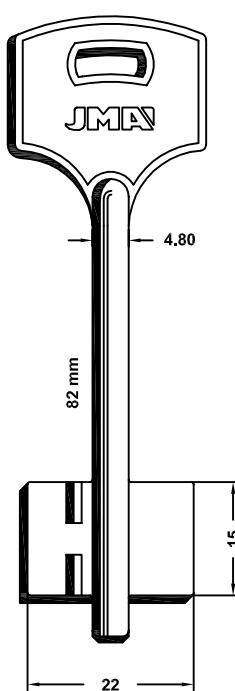
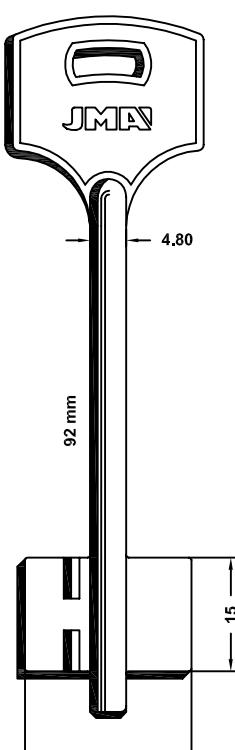
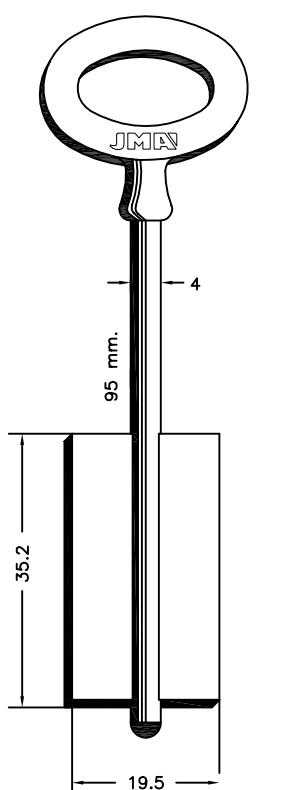


**CLA-1G**  
NEW



**CLASS****DEBEAURAIN-ND**

**PARA-FOR:**  
 CLASS (RUS)  
 DEBEAURAIN  
 ND (F)  
 DENY (F)  
 ELBOR (RUS)  
 EUROSPEC  
 (GB)

**DENY****ELBOR****EUROSPEC**

**DEN-1**  
NEW

**ELB-2G**  
NEW

**ELB-3G**  
NEW

**EUS-1G**  
NEW

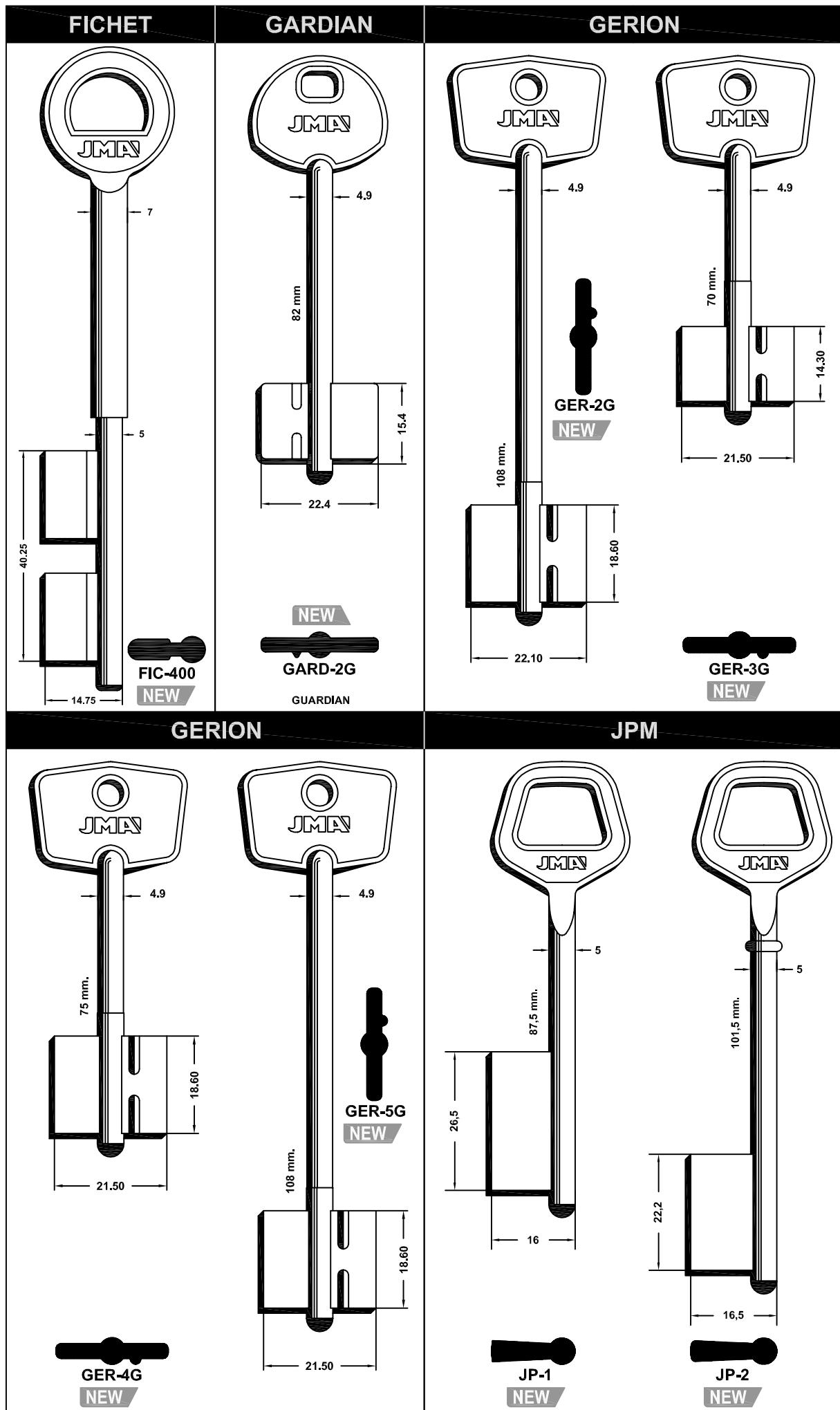
*ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.  
 ATTENTION: Concerning the marks and commercial denominations see note in index.  
 ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.*

*ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.*



## PARA-FOR:

FICHET (F)  
GARDIAN (RUS)  
GERION (RUS)  
JPM (F)



**JMA**®



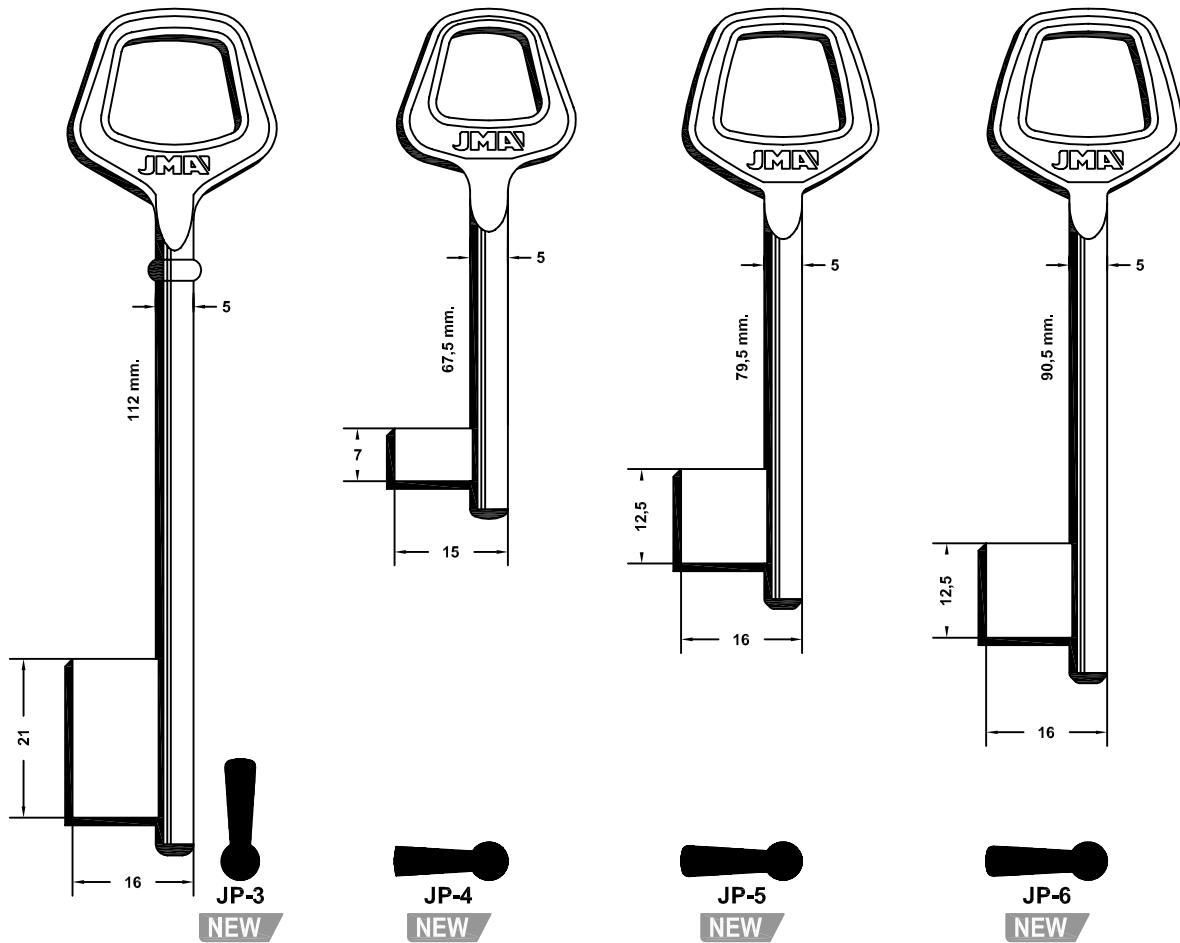
PARA-FOR:

JPM (F)

LAPERCHE (F)

MAFOR (F)

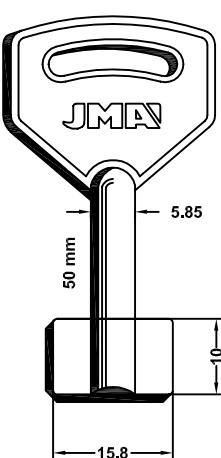
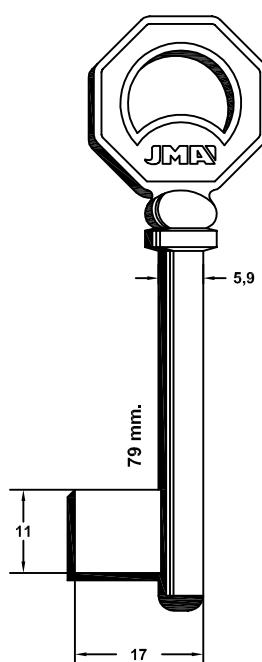
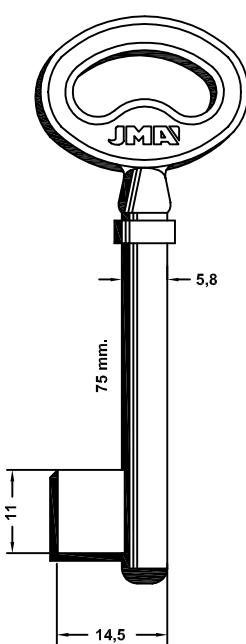
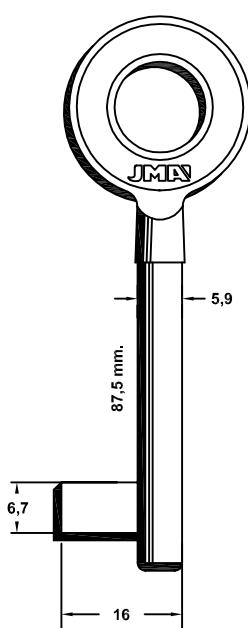
MOIA (I)



## LAPERCHE

## MAFOR

## MOIA



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 denominations commerciales voir la note dans l'index.

ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.

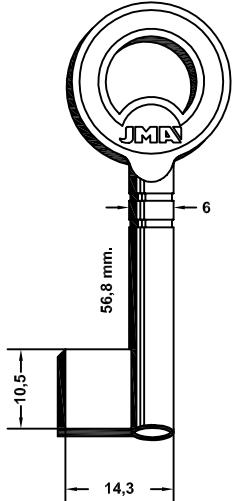
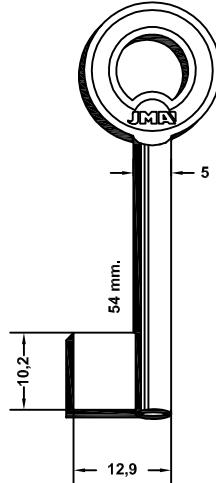
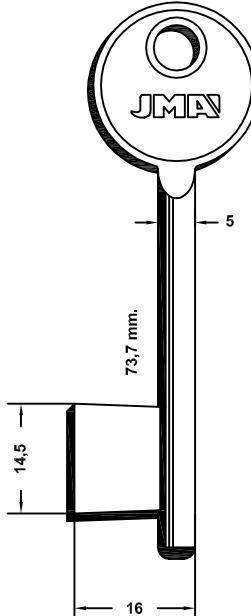
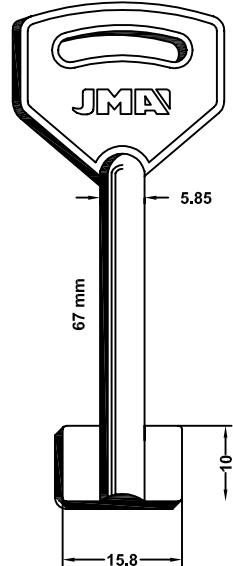
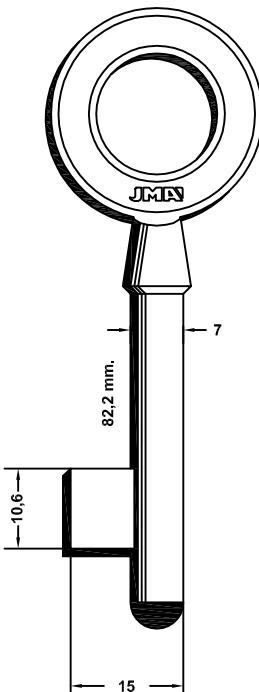
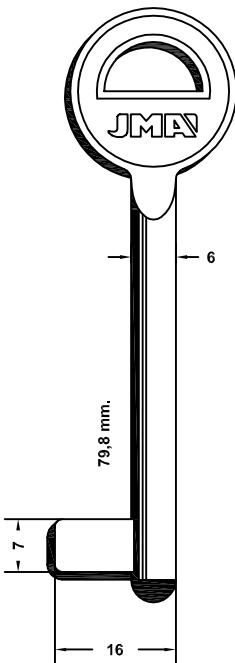
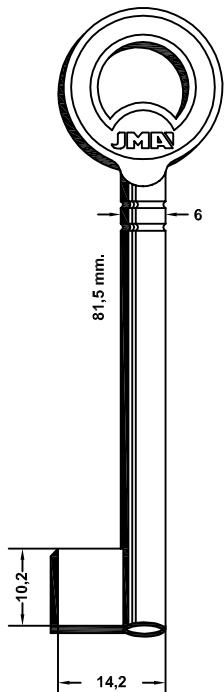
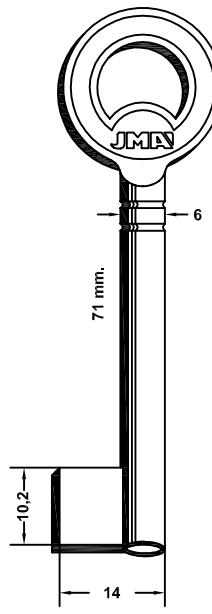


**PARA-FOR:**

MOIA (I)

SELECT (F)

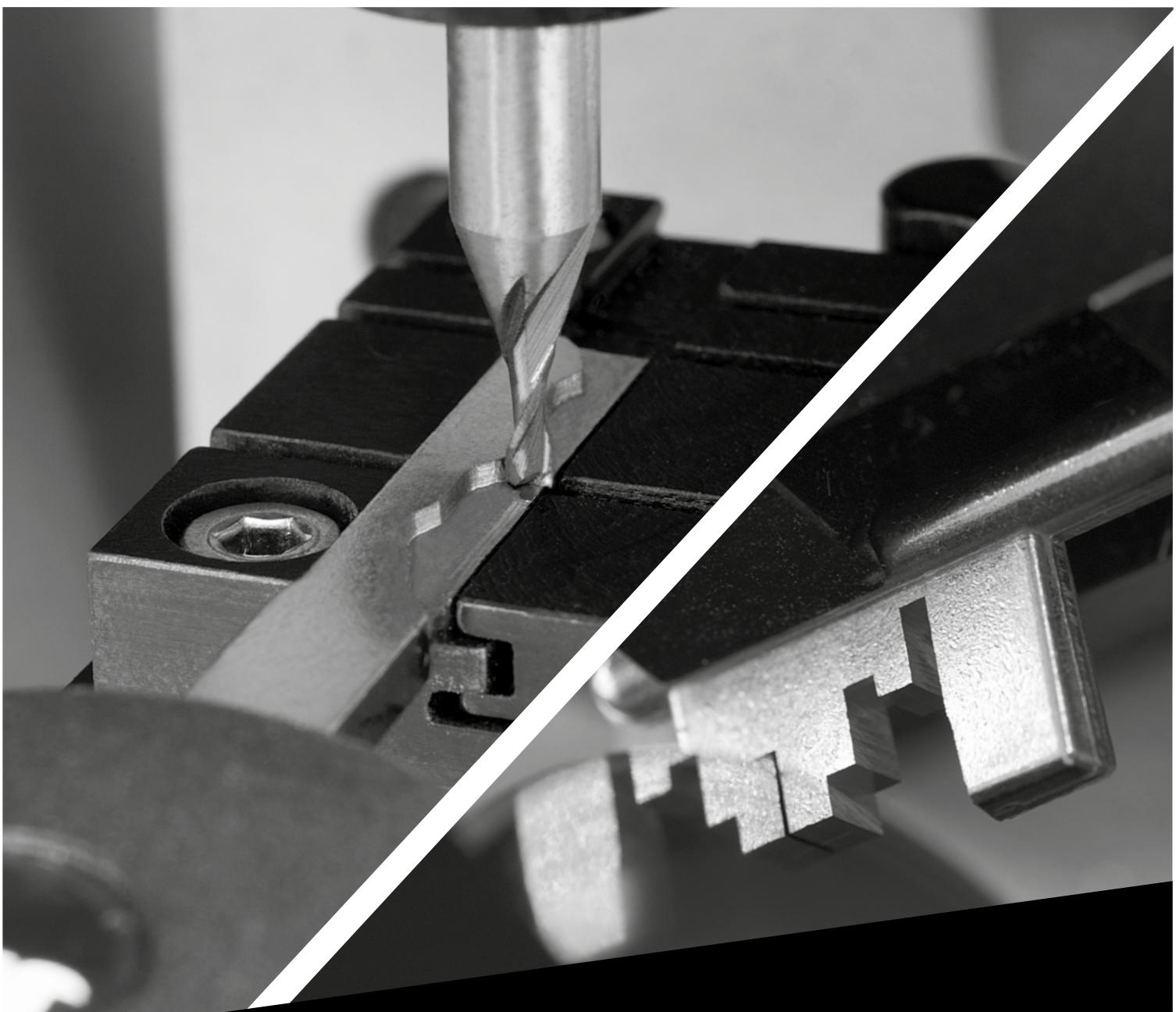
VACHETTE (F)

**MOIA****SELECT****VACHETTE****VACHETTE**

# **ESPECIALISTA**

---

## **SPECIALIST**



**SUPLEMENTO-SUPPLEMENT**  
**C.11 2017**

**THE KEY TO EXCELLENCE**  
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

## MÁQUINAS MACHINES



**CAPRI**



**CAPRISMART**

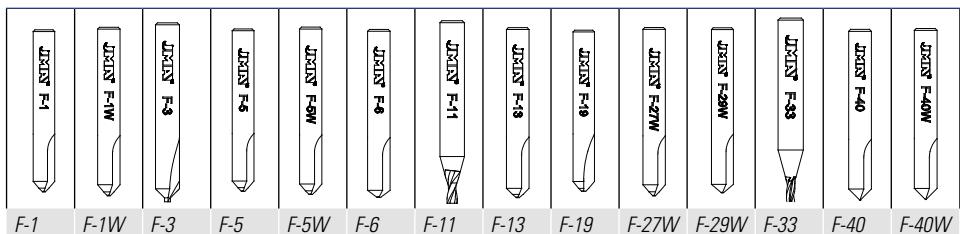


**NEO**

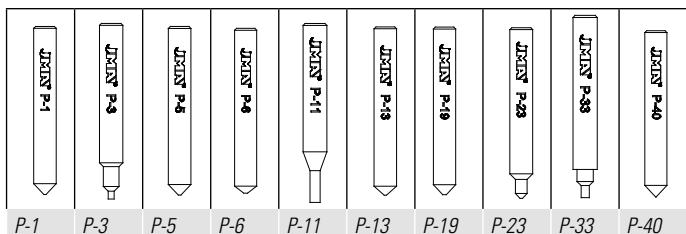


**X-CODE**

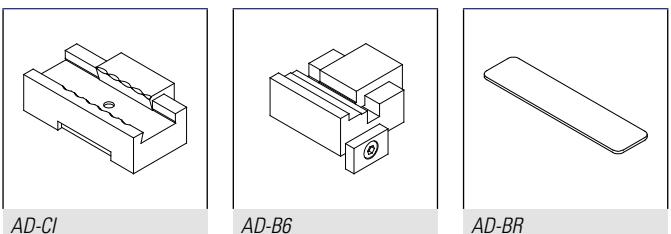
## FRESAS CUTTERS



## PALPADORES TRACERS



## ADAPTADORES ADAPTORS



ABUS	ABU-91	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
ABU-96		NEO-DAKKI	F-1	P-1	AD-Cl
	ABU-96	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl
ORIGINAL BRAVUS	CAPRI	F-40	P-40	AD-BR	

AGA	AGA-55D	CAPRI S.	F-40	P-40	AD-BR
		NEO-DAKKI	F-40	P-40	AD-BR
AGA	AGA-55D	XCODE	F-40W	P-40W	AD-BR
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
AXA	AX-5DP1	CAPRI	F-33	P-33	



	CAPRI S.	F-33	P-33		
	NEO-DAKKI	F-33	P-33		
	XCODE	F-33			
AX-6	CAPRI	F-1	P-23		
	CAPRI S.	F-1	P-23		
	NEO-DAKKI	F-1	P-23		

BRISANT	BRN-1D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	

CISA	CI-48.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl
	CI-71.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl
	CI-72.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl

	CI-73.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl
	CI-75.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl

	CI-76.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl

	CI-77.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl
	CI-78.P	CAPRI	F-1	P-1	AD-Cl
		CAPRI S.	F-1	P-1	AD-Cl
		NEO-DAKKI	F-1	P-1	AD-Cl

DEKABA	DEK-16	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	

	DEK-17	CAPRI	F-6	P-6	
		CAPRI S.	F-6	P-6	
		NEO-DAKKI	F-6	P-6	

DIERRE	DR-2D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	

DOM	DOM-B1	CAPRI	F-1	P-1	
-----	--------	-------	-----	-----	--

	CAPRI S.	F-1	P-1		
	NEO-DAKKI	F-1	P-1		
DOM-B2	CAPRI	F-1	P-1		
	CAPRI S.	F-1	P-1		
	NEO-DAKKI	F-1	P-1		

	CAPRI	F-1A	P-23	AD-B6	
	CAPRI S.	F-1A	P-23	AD-B6	
	NEO-DAKKI	F-1A	P-23	AD-B6	

ELZETT	ELZ-13	CAPRI	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		CAPRI S.	F-5	P-5	

EUROLOCKS	EU-15P	CAPRI	F-33	P-33	
		NEO-DAKKI	F-33	P-33	
		CAPRI S.	F-33	P-33	

FERONERIA	FER-2D	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	

F-CV	FV-3	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	

HOK	HOK-1D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	

HUF	HU-4C1	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	

HYUNDAI	HY-19P5	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	HY-19DP5	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	

KIA	KI-11P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	KI-12P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	

KI-12DP	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	KI-12DP	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	


**JMA**

**JMA**


<b>LINCE</b>	<b>NEO-DAKKI</b>	F-11	P-11
	<i>LIN-26D</i>	CAPRI	F-5 P-5
		CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5
<i>XCODE</i>		F-5W	
<b>MAUER</b>	<i>MAU-1</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
	<i>MAU-2</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
<b>MCM</b>	<i>MCM-15E8</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
<b>MHA</b>	<i>MH-1</i>	CAPRI	F-5 P-5
		CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5
<b>MLM</b>	<i>MLM-8</i>	CAPRI	F-3 P-3
		CAPRI S.	F-3 P-3
		NEO-DAKKI	F-3 P-3
<b>MOTTURA</b>	<i>MT-2D</i>	CAPRI	F-5 P-5
		CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5
	<i>MT-1P</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
		XCODE	F-27W
<b>OJMAR</b>	<i>OJ-20/4</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
		XCODE	F-29W
<b>OMEC</b>	<i>OMC-3</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
		XCODE	F-1W
	<i>OMC-7</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
<b>POTENT</b>	<i>PTN-2D</i>	CAPRI	F-19 P-19
		CAPRI S.	F-19 P-19

<b>PREFER</b>	<b>NEO-DAKKI</b>	F-19	P-19
	<i>PTN-3D</i>	CAPRI	F-19 P-19
		CAPRI S.	F-19 P-19
		NEO-DAKKI	F-19 P-19
<i>PR-21</i>		CAPRI	F-5 P-5
<b>SEA</b>	<i>SEA-2</i>	CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5
		CAPRI	F-1 P-1
		CAPRI	F-3 P-3
<b>TECON</b>	<i>TC-3</i>	CAPRI S.	P-1
		NEO-DAKKI	F-1 P-1
		CAPRI	F-3 P-3
		NEO-DAKKI	F-3 P-3
<b>TESA</b>	<i>TE-T80EH</i>	CAPRI	F-5 P-5
		CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5
		XCODE	F-5W
<b>TOVER</b>	<i>TOV-4</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
		XCODE	F-1W
<b>TRELOCK</b>	<i>TRL-4P</i>	CAPRI	F-11 P-11
		CAPRI S.	F-11 P-11
		NEO-DAKKI	F-11 P-11
<b>UCEM</b>	<i>UCEM-20D</i>	CAPRI	F-6 P-6
		CAPRI S.	F-6 P-6
		NEO-DAKKI	F-6 P-6
		XCODE	F-6
<b>VACHETTE</b>	<i>VA-91</i>	CAPRI	F-1 P-1
		CAPRI S.	F-1 P-1
		NEO-DAKKI	F-1 P-1
<b>YALE</b>	<i>YA-281D</i>	CAPRI	F-5 P-5
		CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5
	<i>YA-280D</i>	CAPRI	F-5 P-5
		CAPRI S.	F-5 P-5
		NEO-DAKKI	F-5 P-5

# PLANAS

FLAT



ABLOY ABL-7 AVANTCODE FP-27W AV2

## MÁQUINAS MACHINES



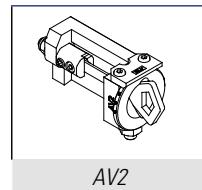
**AVANTCODE**

## FRESAS CUTTERS



FP-27W

## ADAPTADORES ADAPTORS



AV2

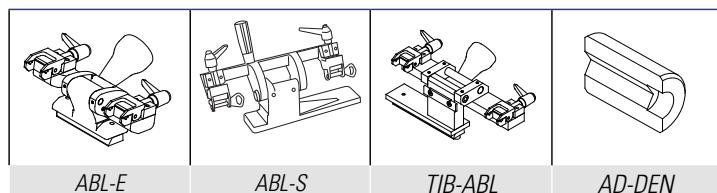
# GORJA

BIT



ABLOY	ABL-7	SARATOGA	ABL-S
		TITAN BIT	TIB-ABL
		EABLOY	ABL-E
DENNY	DEN-1	SENA	AD-DEN

## ADAPTADORES ADAPTORS



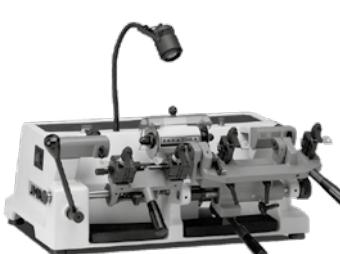
ABL-E

ABL-S

TIB-ABL

AD-DEN

## MÁQUINAS MACHINES



**SARATOGA**



**TITAN BIT**



**ECCO ABLOY**



**SENA**











**JMA SPAIN**  
JMA ALEJANDRO ALTUNA, S.L.U.  
Tel +34 943 79 30 00  
Fax +34 943 79 72 43  
Bidekurtzeta, 6 P.O.Box - Apdo. 70  
20500 Arrasate - Mondragón  
Gipuzkoa – SPAIN  
[www.jma.es](http://www.jma.es)  
[jma@jma.es](mailto:jma@jma.es)

**JMA FRANCE**  
JMA FRANCE SAS  
Tel +33 01 39 22 42 10  
Fax +33 01 39 22 42 11  
Technoparc  
13, rue Edouard Jeanneret  
F-78306 Poissy Cedex  
[www.jmafrance.fr](http://www.jmafrance.fr)  
[service.commercial@jmafrance.fr](mailto:service.commercial@jmafrance.fr)

**JMA POLSKA**  
JMA POLSKA Sp. z.o.o.  
Tel +48 42 635 12 80  
Fax +48 42 635 12 85  
91- 342 Łódź, ul. Zbąszyńska 3  
[www.jmapolska.pl](http://www.jmapolska.pl)  
[biuro@jmapolska.pl](mailto:biuro@jmapolska.pl)

**JMA PORTUGAL**  
ALTUNA PORTUGAL  
COMERCIO DE CHAVES UNIPESSOAL, LDA.  
Tel +351 219 947 470  
Fax +351 219 947 471  
Rua de Goa N°22  
2690-356 Santa Iria de Azoia  
[www.jmaportugal.com](http://www.jmaportugal.com)  
[comercial@jmaportugal.com](mailto:comercial@jmaportugal.com)

**JMA UK**  
SKS LTD  
Tel +44 144 229 1400  
Fax +44 144 286 3683  
Unit 2, Canalside Northbridge Road  
Berkhamsted  
Herts HP4 1EG  
[www.jmakeys.co.uk](http://www.jmakeys.co.uk)  
[sales@skskeys.co.uk](mailto:sales@skskeys.co.uk)

**JMA MAROC**  
JMA MAROC S.A.R.L.  
Tel +0520 150 535  
Fax +0520 150 536  
83,85 Bd Oued ZIZ, El Oulfa  
Casablanca  
[www.jma.ma](http://www.jma.ma)  
[jma@jma.ma](mailto:jma@jma.ma)

**JMA INDIA**  
JMA KEYS INDIA PVT. LTD  
Tel +91 124 428 5450  
Fax +91 124 428 5451  
H-239 & H-240, Sushant Shopping Arcade  
Sushant Lok-1, Block B  
122002 Gurgaon (Haryana)  
[www.jmakeys.in](http://www.jmakeys.in)  
[info@jmakeys.in](mailto:info@jmakeys.in)

**JMA MEXICO**  
LLAVES ALTUNA DE MEXICO S.A de C.V  
Tel +52 33 3777 1600  
Fax +52 33 3777 1609  
Av. Aviación No. 5520  
Col. San Juan de Ocotán  
C.P. 45019 Zapopan, Jalisco  
[www.jma.com.mx](http://www.jma.com.mx)  
[ventas@jma.com.mx](mailto:ventas@jma.com.mx)

**JMA PERU**  
JMA PERU S.A.C.  
Tel +51 639 9300  
Av. Los Paracas 130,  
Urbanización Salamanca,  
Distrito Ate, Lima  
[www.jma-peru.com](http://www.jma-peru.com)  
[info@jma-peru.com](mailto:info@jma-peru.com)

**JMA USA**  
ALTUNA GROUP USA INC.  
Tel +1 817 385 0515  
Fax +1 817 385 4850  
1513 Greenview Drive  
75050 Grand Prairie  
Texas  
[www.jmausa.com](http://www.jmausa.com)  
[info@jmausa.com](mailto:info@jmausa.com)

**JMA ARGENTINA**  
JMA ARGENTINA S.A.  
Tel +54 336 4 462 422  
Fax +54 336 4 462 422  
Av. Central Acero Argentino Oeste 678  
Parque industrial COMIRSA  
2900 San Nicolás (Prov. Buenos Aires)  
[www.jma.com.ar](http://www.jma.com.ar)  
[info@jma.com.ar](mailto:info@jma.com.ar)

**JMA URUGUAY**  
JMA URUGUAY S.A.  
Tel +598 2908 1175  
Fax +598 2900 6681  
Mercedes 1420  
11100 Montevideo  
[www.jma.com.uy](http://www.jma.com.uy)  
[info@jma.com.uy](mailto:info@jma.com.uy)

## JMA WORLDWIDE

### ALTUNA GROUP HEADQUARTERS

Tel +34 943 79 30 00  
Fax +34 943 79 72 43  
Bidekurtzeta, 6 P.O.Box - Apdo. 70  
20500 Arrasate - Mondragón  
Gipuzkoa – SPAIN  
[www.altuna.com](http://www.altuna.com)



Member Of  
**Altuna Group**