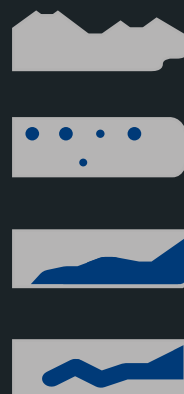




MULTICODE **CATÁLOGO ESPECIALISTA** *SPECIALIST'S GUIDE*

CEM.08_02



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NUESTRO ÉXITO ESTÁ BASADO EN EL COMPROMISO DE LAS PERSONAS

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.

OUR SUCCESS IS BASED ON OUR PEOPLE'S COMMITMENT

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.

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.

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.

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 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.



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.



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.



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.

ESPAÑOL

AVISO LEGAL

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

Dichas marcas o nombres comerciales se indican en calidad simplemente informativa con el fin de reconocer con rapidez la cerradura a la que corresponden nuestras piezas.

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

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

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

EUSKERA

LEGE-OHARRA

Jabetza industrialari buruz indarrean dauden lege-xedape-nekin bat etorrit, katalogo honetan zehaztutako merkataritza-markak edo izenak zilindro eta sarraileen fabrikatzaileen nahiz ibilgailuen fabrikatzaileen eta beste eraikitzaile, banatzaile eta erabiltzaile batzuen jabetza eskusibokoak dira.

Merkataritza-marka edo izen horiek zehaztasun gehiago emateko adierazten dira, gure piezak zein sarrailei dagozkion berehala ikusi ahal izateko.

Katalogo hau giltzen kopiak egiteko JMA piezak erabiltzen dituzten profesionalentzako da soilik.

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

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

ENGLISH

LEGAL WARNING

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.

FRANÇAIS

MENTIONS LEGALES

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.

DEUTSCH

RECHTSHINWEIS

In Übereinstimmung mit den geltenden gesetzlichen Vorschriften bezüglich des gewerblichen Eigentums sind die im vorliegenden Katalog aufgeführten Marken und Firmennamen ausschließliches 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 Daten bezüglich 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.

THE KEY TO EXCELLENCE

GLOBALY UNLOCKING MILLIONS OF DOORS DAILY



NUEVA TECNOLOGÍA NEW TECHNOLOGY



La app JMAKeyPro se maneja a través de la tablet con pantalla táctil e incluye todo el catálogo de llaves JMA y sus equivalencias.

The JMAKeyPro app is operated through a touchscreen tablet and includes the entire catalogue of JMA keys and their equivalents.

MULTIFUNCIONALIDAD MULTIFUNCTIONALITY



Copia llaves planas, de seguridad y de automoción

Copies cylinder, dimple and vehicle keys

MECANIZADO EN UNA PASADA KEY CUTTING IN A SINGLE MOTION



Mecanizado en una sola pasada, gracias a la potencia del motor y una gran velocidad de corte.

A powerful motor for cutting keys fast and in a single motion.

GARRAS INTERCAMBIABLES INTERCHANGEABLE CLASPS



Mordaza para llaves de seguridad con garras intercambiables. Incluye el innovador sistema de uso doble de cada garra.

Versatile clamp with interchangeable inserts for dimple and vehicle keys. Includes the innovative dual purpose system on each clasp.

ACTUALIZACIONES UPDATES



Actualizaciones automáticas de la APP a través de Google Play Store.

Automatic updates for the app via the Google Play Store.

SOPORTE TÉCNICO TECHNICAL SUPPORT



Soporte técnico de los profesionales de JMA a través de Team Viewer®.

Technical support from JMA professionals via Team Viewer®.

PORTAHERRAMIENTAS TOOL HOLDER



Gracias al portaherramientas incluido en la máquina, podrá guardar el utillaje cómodamente.

Store all your tools conveniently by using the tool holder included with the machine.

TRABAJE CON SEGURIDAD Y LIMPIEZA WORK SAFELY AND CLEANLY



La pantalla protectora y la bandeja para recoger virutas bloquean el funcionamiento de la máquina mientras están abiertas.

To guarantee your safety, the protective screen and the tray for collecting metal shavings prevent the machine from operating while they are open.

MULTICODE

MÁQUINA DUPLICADORA / KEY CUTTING MACHINE

CÓDIGO / CODE	MOTOR / MOTOR
MULTICODE	24V d.c-7,5 Amp.-180W Alimentador / Feeder: 100/240V a.c-50/60HZ-180W
DATOS TÉCNICOS / TECHNICAL DATA	
Fresa prismática (llaves planas) / Prismatic cutter (flat keys)	Acero rápido 1100rpm / High speed steel* 1100rpm
Fresa cilíndrica (llaves de puntos o regata) / Cylindrical cutter (security keys)	Metal duro 12000rpm / Carbide 12000rpm
Mordaza estándar (llaves planas) / Standard clamp (flat keys)	MP1 4 caras / 4-faced MP1
Mordaza llaves puntos o regata / Clamp for dimple or sidewinder keys	Garras intercambiables de 2 caras / 2-faced interchangeable claws
Anchura / Width	427 mm
Altura con soporte+tablet / Height with tablet support mount	612 mm
Altura sin soporte+tablet / Height without tablet support mount	431 mm
Profundidad / Depth	413 mm
Peso / Weight	27Kg
Recorrido útil / Effective travel	X = 45mm / Y = 45mm / Z = 30mm
Desplazamiento / Displacement	Con husillo de bolas accionadas por motores paso a paso sobre guías de rodillos rectificadas / With ball screw driven by stepper motors on rectified roller guides.
Iluminación / Lighting	Diodos de Led / Led diodes
SEGURIDAD / SAFETY	
Área de trabajo cerrada con detector de apertura / Enclosed work area with access detection	
Botón de parada de emergencia / Emergency shut-off button	
CONECTIVIDAD / CONNECTIVITY	
Conector USB	Tipo A (Carga) / Type A (Charge) Tipo B / Type B
Bluetooth	

MULTICODE

Multifuncionalidad, rapidez y tecnología son las palabras que describen a MULTICODE, la nueva máquina electrónica JMA para el duplicado de llaves. MULTIFUNCIONALIDAD, porque este modelo ofrece una solución profesional 'todo en uno', con la que podrá leer y cortar llaves planas, de seguridad y de automoción sin cambiar de máquina.

Su RAPIDEZ se demuestra en la potencia de su motor, que permite una gran velocidad de corte y el mecanizado de la llave en una sola pasada. Todo ello con la precisión que usted y sus clientes exigen.

La TECNOLOGÍA de Multicode, desarrollada por JMA tiene su máximo exponente en la app JMAKEYPRO que podrá manejar desde la tablet con pantalla táctil que incluye la máquina. Este software (de muy sencilla actualización a través de "Google Play Store") incluye el catálogo de llaves JMA y sus equivalencias, una herramienta de máxima utilidad para el duplicado.

MULTICODE es un modelo pensado para aquellos profesionales que quieren expandir su negocio de duplicado de llaves. Gracias a su tamaño compacto, podrá utilizarla en espacios reducidos y, por su velocidad, podrá producir una gran cantidad de llaves para dar servicio a un número creciente de clientes.



MULTICODE

Multifunctionality, speed and technology are the words that describe MULTICODE, the new JMA electronic machine for copying keys. MULTIFUNCTIONALITY, because this model offers an all-in-one professional solution that will enable you to read and cut to code cylinder, dimple and vehicle keys without needing to switch machines.

Its SPEED can be seen in the power of its motor, which allows for a fast cutting speed and keys to be cut in a single motion. All without sacrificing the precision that you and your customers demand.

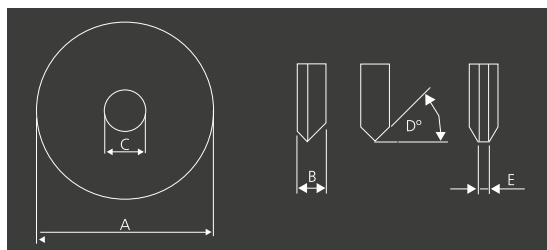
The finest example of the TECHNOLOGY in Multicode (developed by JMA) lies in the JMAKEYPRO app, which you can operate using the touchscreen tablet incorporated into the machine. This software (very easy to update via the "Google Play Store") includes the catalogue of JMA keys and their equivalents, a highly useful tool for key copying.

MULTICODE is a model designed for those professionals who wish to expand their key cutting business. Thanks to its compact size, it can be used in small spaces and its speed enables a large number of keys to be produced in a short time, thus meeting the demands of your growing customer base.

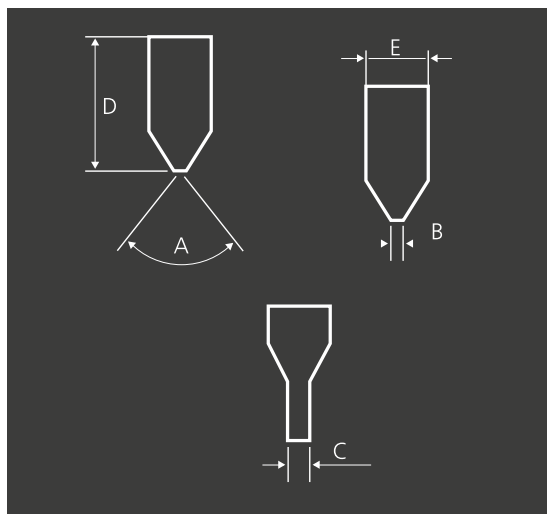
FRESAS

FRESAK - MILLING CUTTERS - FRAISES - FRÄSER

CODE	AxBxC	D	E	PARA-FOR	MAT.
FP34	63x5,25x16	40	0,1	MULTICODE	HSS
FP36	63x1,7x16	0	1,7	MULTICODE	HSS



CODE	A	B	C	D	E	PARA-FOR	MAT
1F			2,5	30	6	MULTICODE	W
2F	90	0,4		30	6	MULTICODE	W
3F	100	0,4		30	6	MULTICODE	W
4F	90	0,2		30	6	MULTICODE	W
5F	90	0,6	3	30	6	MULTICODE	W
6F	90	0,8	3,3	30	6	MULTICODE	W
7F	60	1,4		30	6	MULTICODE	W
8F	90	3	3	30	6	MULTICODE	W
9F			2	30	6	MULTICODE	W
10F	83	0,8		30	6	MULTICODE	W
11F	97	0,6	2,6	30	6	MULTICODE	W
12F			1,5	30	6	MULTICODE	W
13F	90	1,2		30	6	MULTICODE	W



ADAPTADORES

ADAPTADOREAK - ADAPTORS - ADAPTATEURS - ADAPTER

ADM	AD-SP	AV1	AV2	AV3	AV5
AD-BR	ADK				

SÍMBOLOS

IKURRAK - SYMBOLS - SYMBOLES - SYMBOLE

STD

Incluído en máquina estándar / Included in standard machine



Protegido por password-se requiere autorización / Password Protected- Authorization required

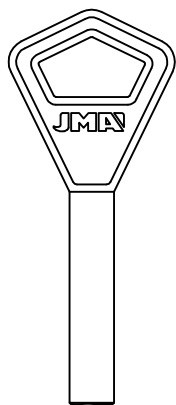
LLAVES PLANAS

GILTZA ZAPALAK
CYLINDER KEYS
CLES POUR CYLINDRES
ZYLINDERSCHLÜSSEL



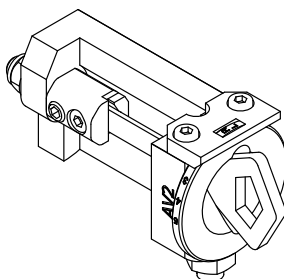
ESPECIALISTA-SPECIALIST
MULTICODE

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



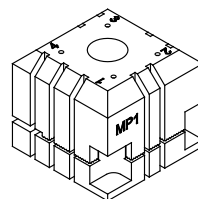
ABL-1

AV2

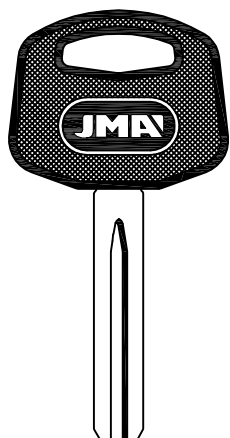
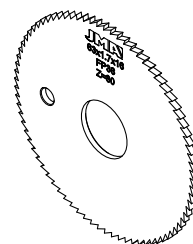


MP1

STD

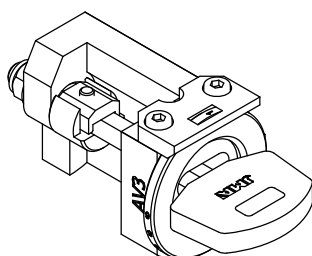


FP36



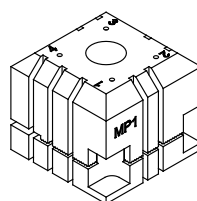
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AV3

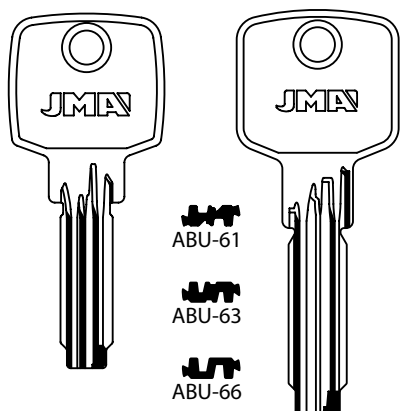
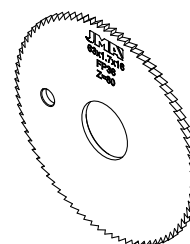


MP1

STD



FP36



ABU-61

ABU-63

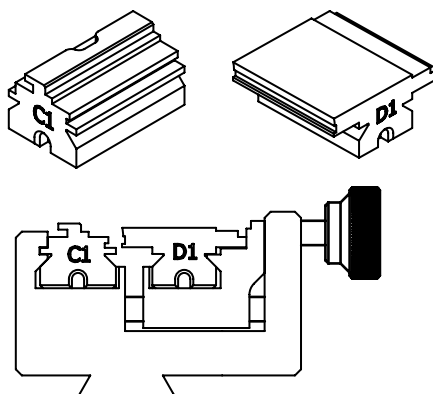
ABU-66

ABU-34

ABU-81

C1-D1

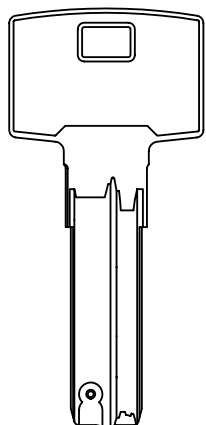
STD



2F

STD

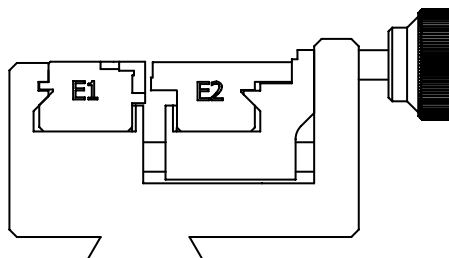
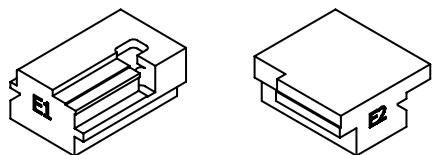




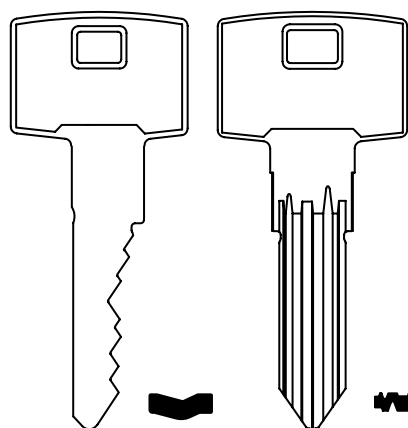
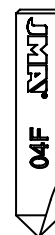
BRAVUS

1000 - 2000 - 3000 - 4000

E1-E2



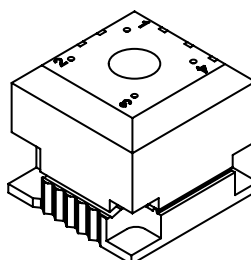
4F



Y14
V14
Vitesse

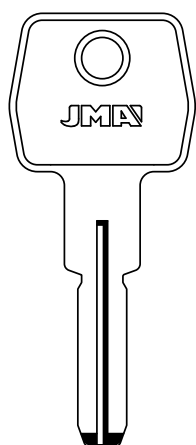
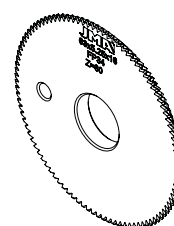
W14

MP1-ABP



FP34

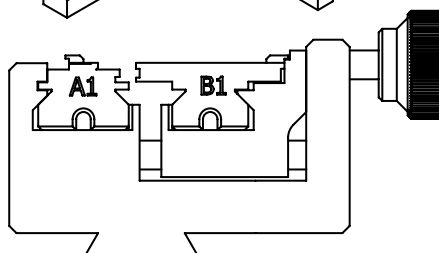
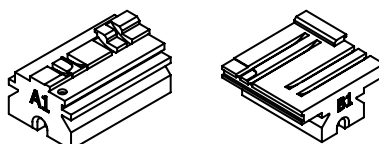
STD



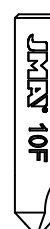
AGB-2

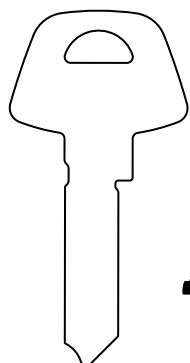
A1 B1

STD



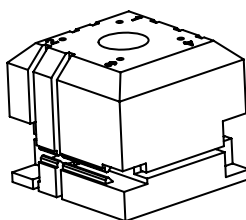
10F





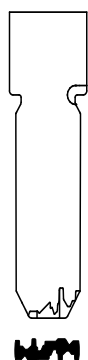
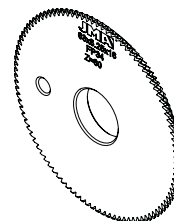
D12

MP1-D12



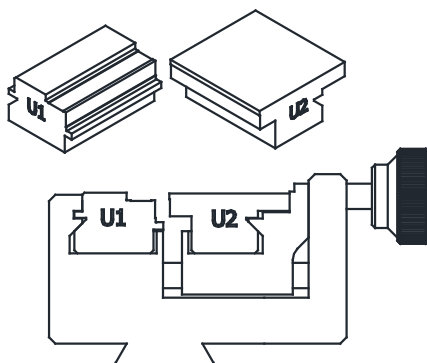
FP34

STD



CY110 (EU)

U1-U2



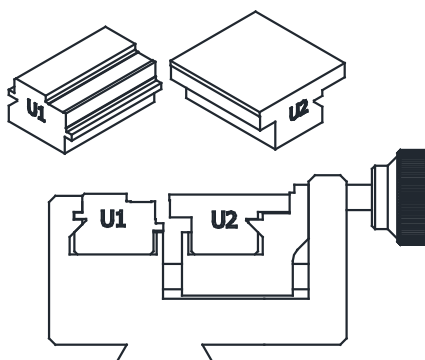
6F

STD



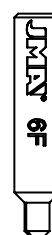
K100 (BE)

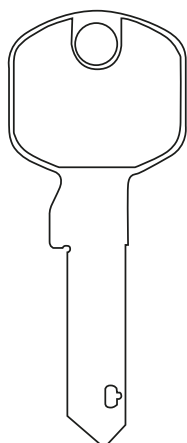
U1-U2



6F

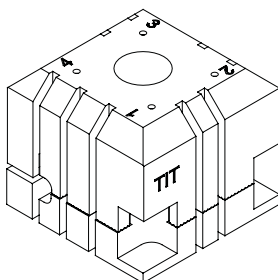
STD





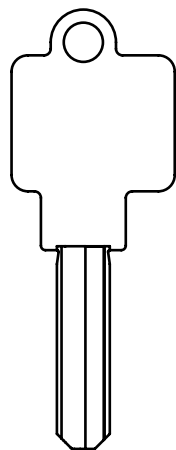
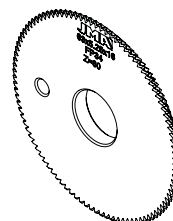
K6-RT

MP1-TIT



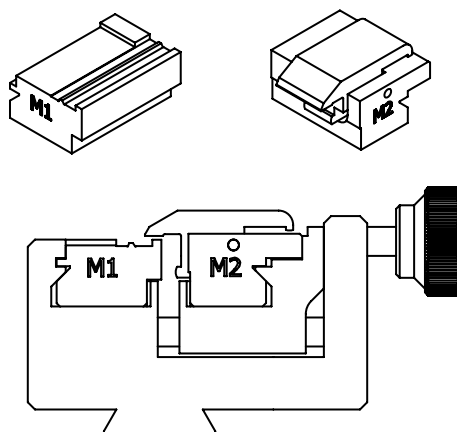
FP34

STD

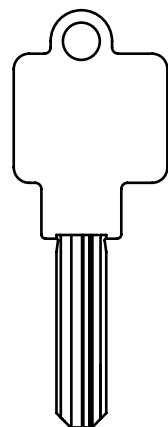
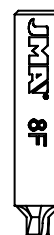


WS42
WS50 NW

M1 M2

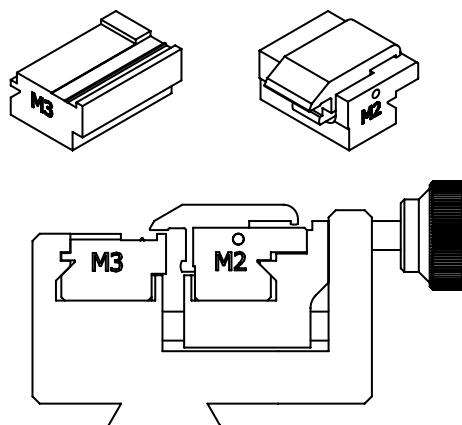


8F

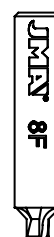


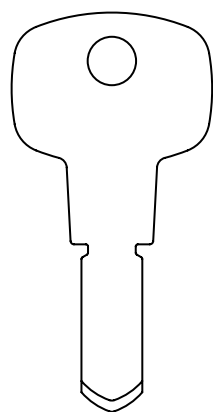
WS50 RA RK RZ

M3 M2



8F

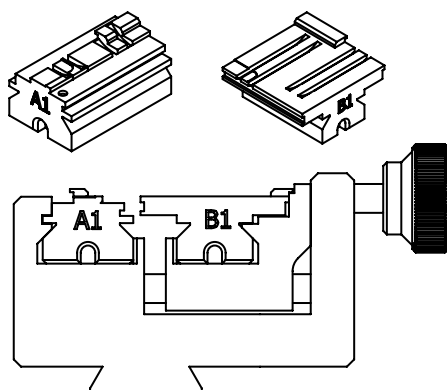




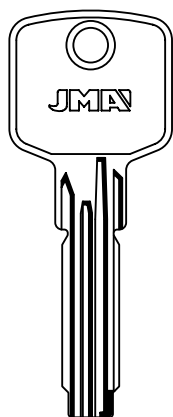
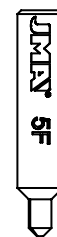
WSM

A1 B1

STD



5F



CI-21



CI-25



CI-26



CI-30



CI-31



CI-32



CI-33



CI-35



CI-56



CI-59



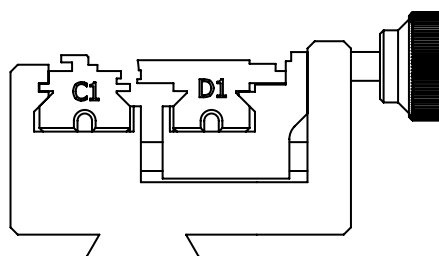
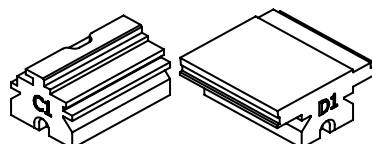
CI-60



CI-67

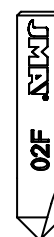
C1 D1

STD



2F

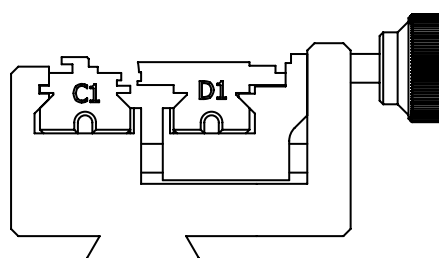
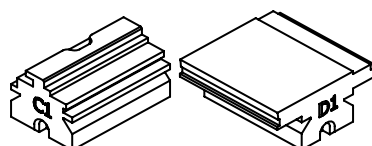
STD



ABUS-ASTRAL-AXIS

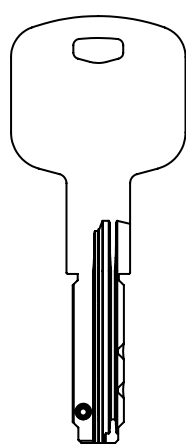
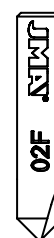
C1 D1

STD

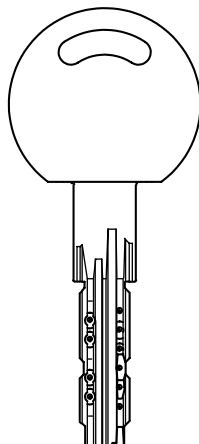


2F

STD



AP3 / AP 4



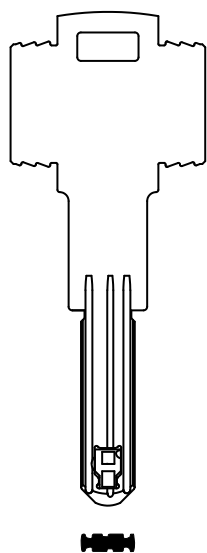
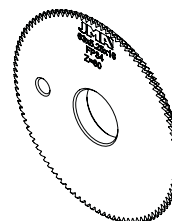
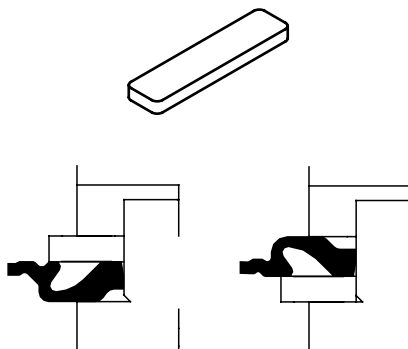
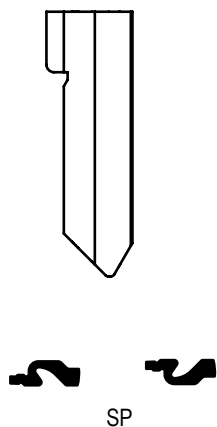
TEKNO



AD-SP

FP34

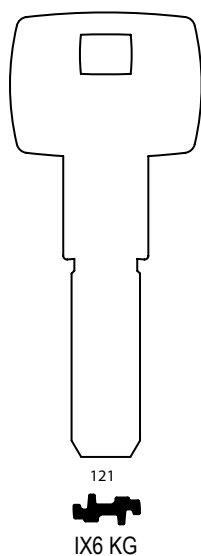
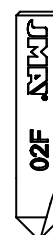
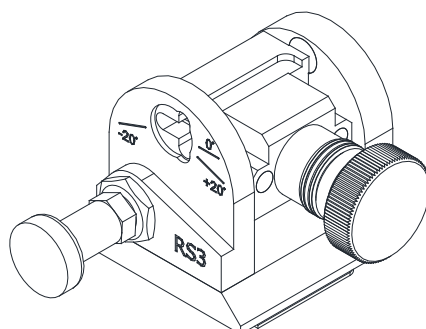
STD



RS3

2F

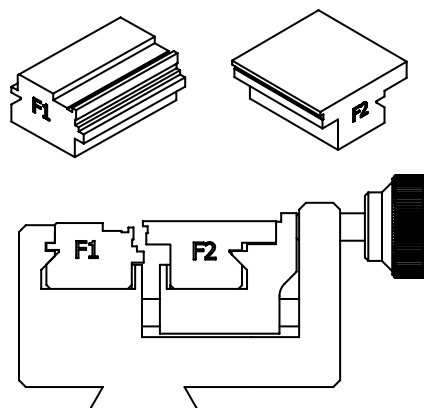
STD

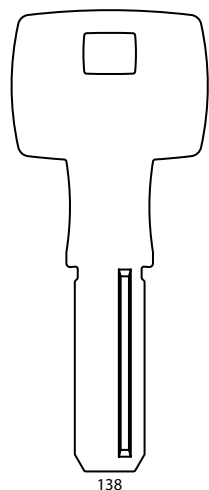


F1 F2

2F

STD



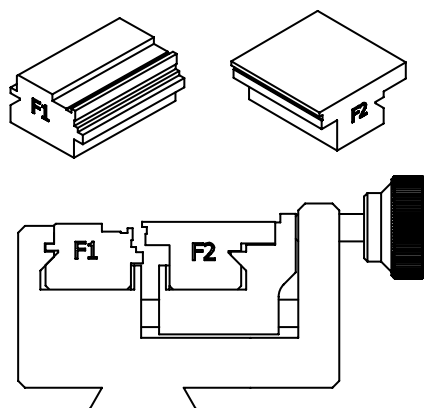


138

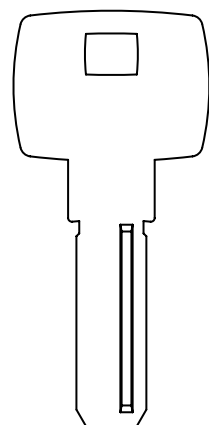


IX DAS

F1 F2



6F

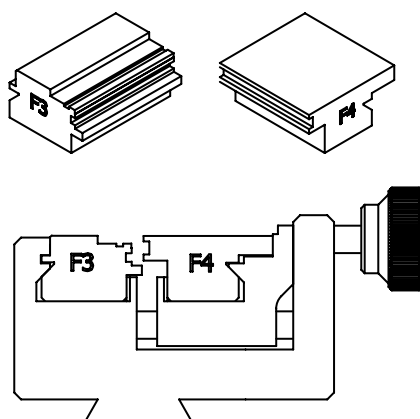


038

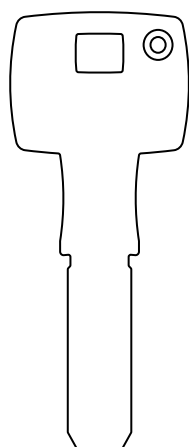


IX5 DAS

F3 F4



6F

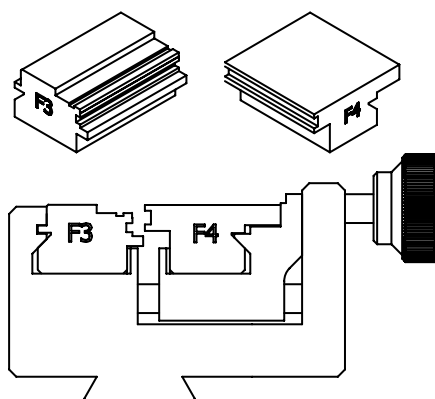


132 / 232



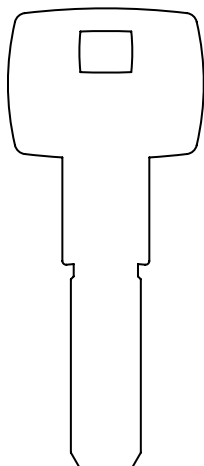
IX6 SR

F3 F4



6F



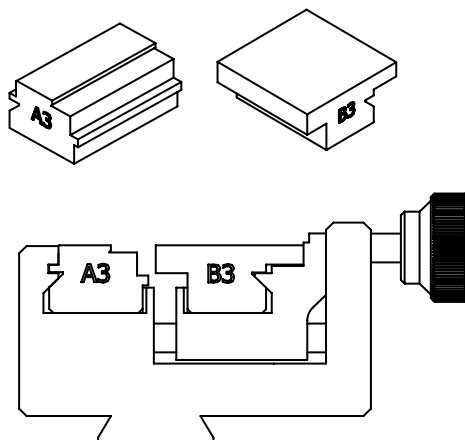


102



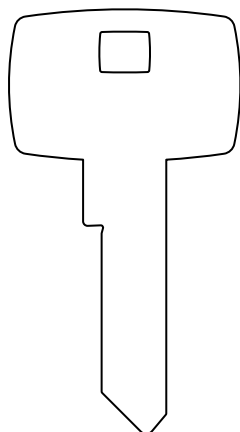
IX6 KG

A3 B3



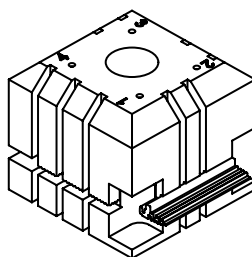
2F

STD



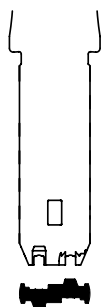
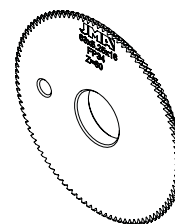
RS8

MP1-RS8



FP34

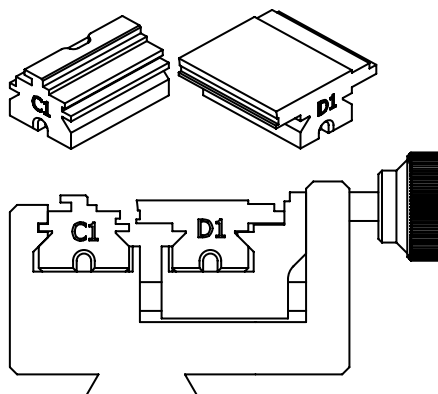
STD



TWIDO / TECO

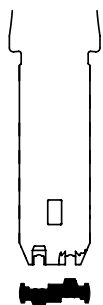
C1 D1

STD

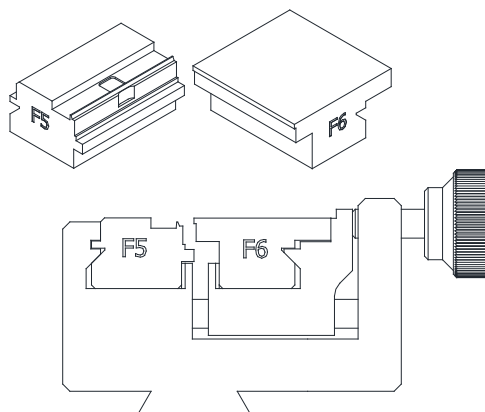
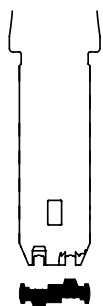


17F

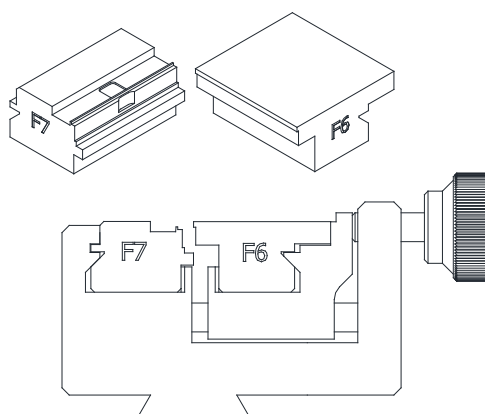


**F5 F6****STD****17F**

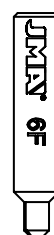
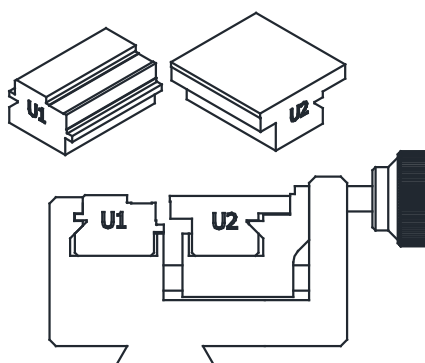
TECO
Prf. 270-271-273-274-275

**F7 F6****STD****17F**

TWIDO / TECO
Prf. 272-276-277-278-279-
280-281-282-283-284-285-288

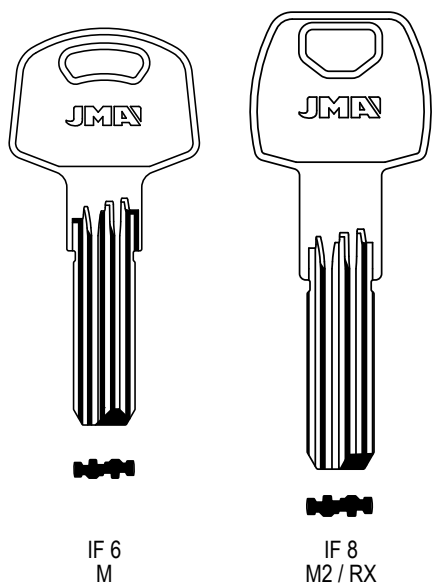
**FAB****U1-U2****6F****STD**

TBC (CZ)

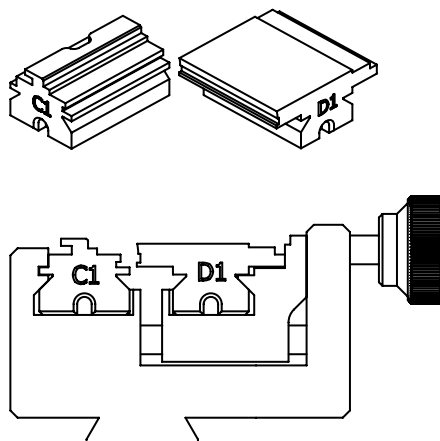
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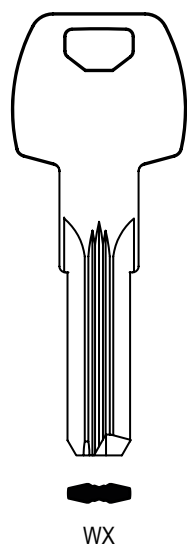
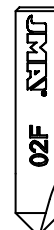
ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.
ATTENTION: Concerning the marks and commercial denominations see note in index.
ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.
ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.



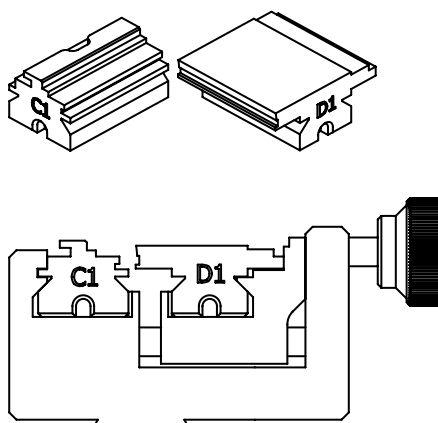
C1 D1 **STD**



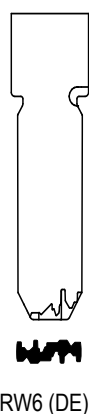
2F **STD**



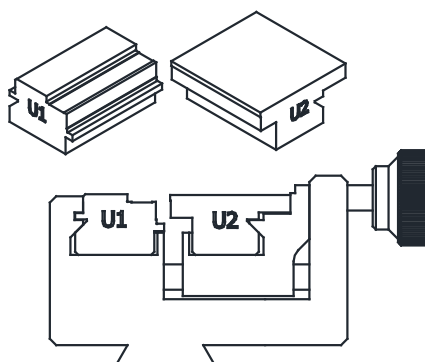
C1 D1 **STD**



2F **STD**

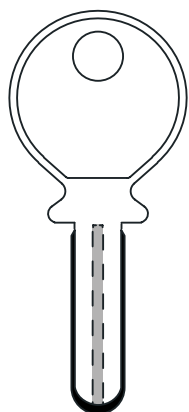


U1-U2



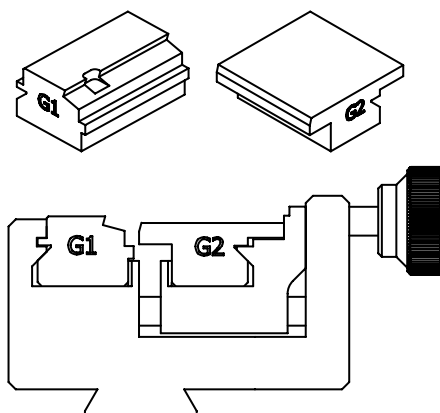
6F **STD**





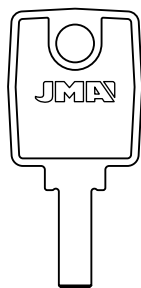
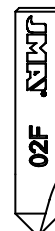
maTriX

G1 G2



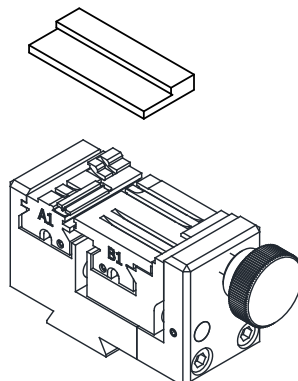
2F

STD



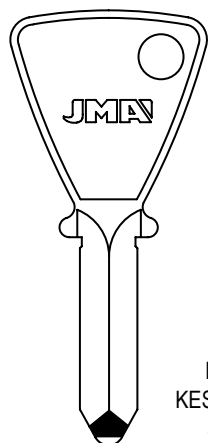
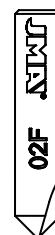
KA - 5

ADK



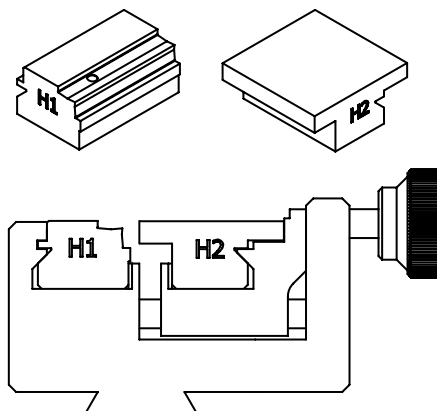
2F

STD



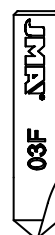
KE-1
KESO 1000
JPM

H1 H2

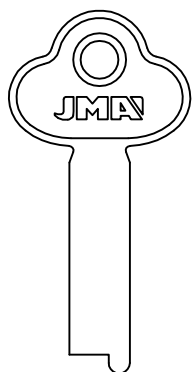


3F

STD

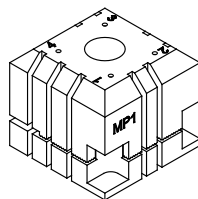


LLAVES PARA CASILLAS - MAIL BOX KEYS

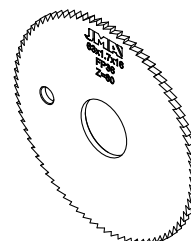


MP1

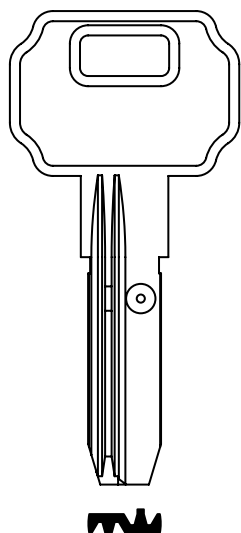
STD



FP36

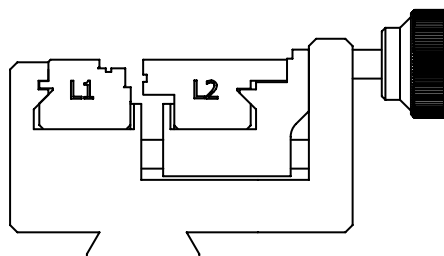
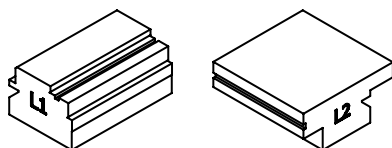


LINCE



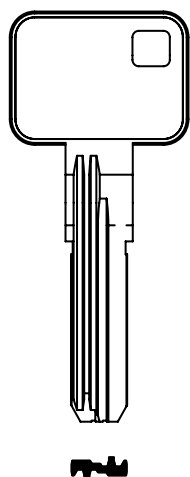
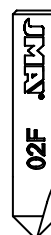
C3, C4, C6

L1 L2



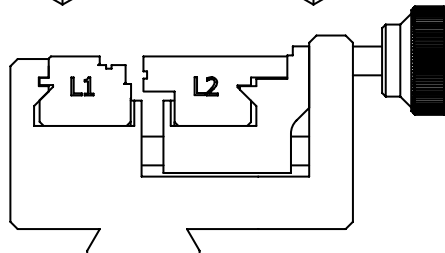
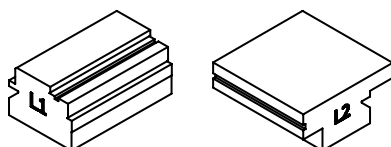
2F

STD

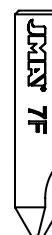


C5

L1-L2



7F



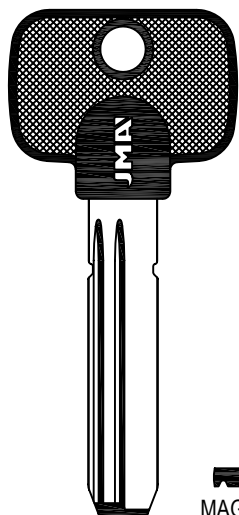
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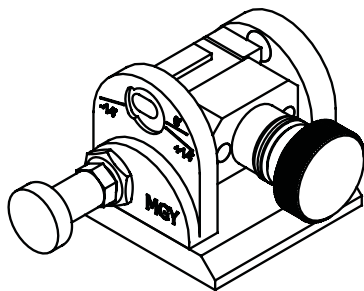
ATENCIÓN: Concerniente a las marcas y denominaciones comerciales ver nota en índice.
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 ATTENTION: Concernant les marques et dénominations commerciales voir la note dans l'index.
 ACHTUNG: Beziehen auf die Marke und Handelsname sehen Sie die Notiz im Index.

MAGNUM



MAG - 2DP

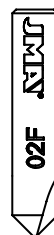
MGY



2F

STD

9F

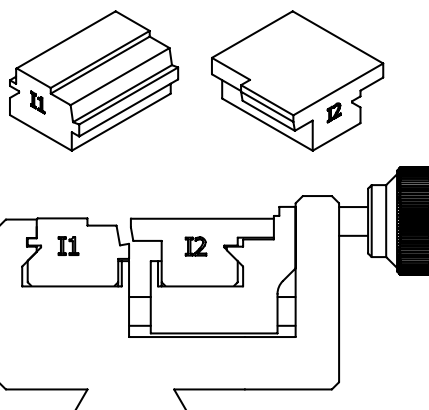


MAUER



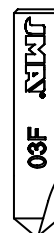
NW4
NW5

I1 I2

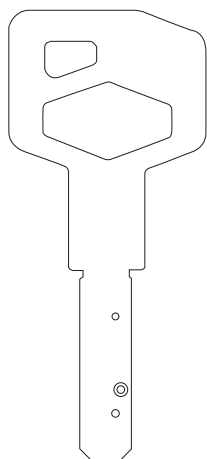


3F

STD

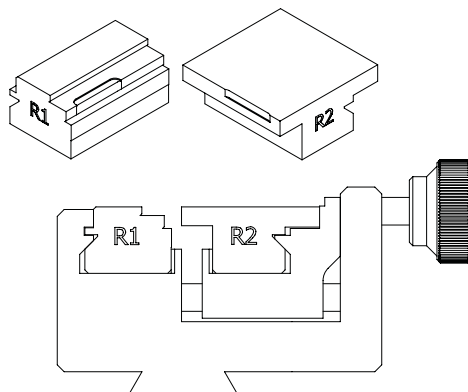


MG MONTI



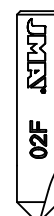
HSP

R1 R2



2F

STD



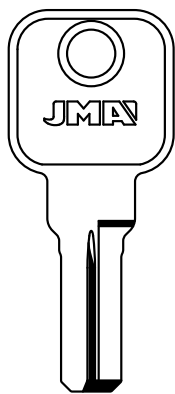
JMA®

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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.

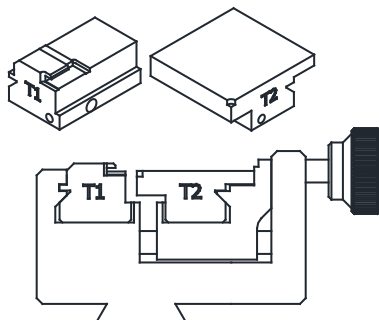
MLM



MLM-8

LEHMANN

T1-T2

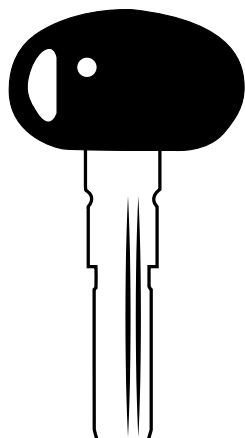


1F

STD



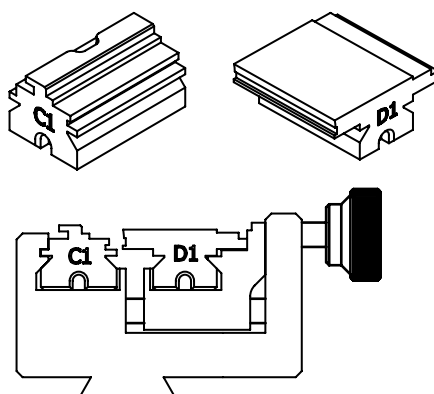
MOTTURA



C10 / C30 / C38 /
C43 / CP3 C43Plus

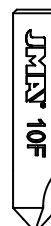
C1-D1

STD



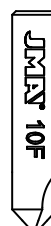
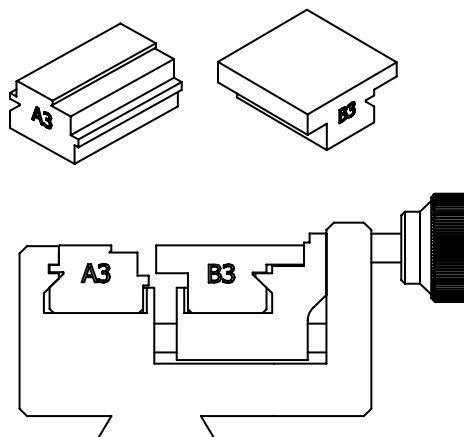
10F

C38 / C43 / CP3 C43Plus



A3 B3

10F



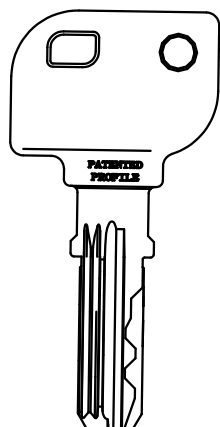
C28 / CP8 C28Plus /
C39 / CP4 /
CP4 ARMO-RIARMO

JMA®

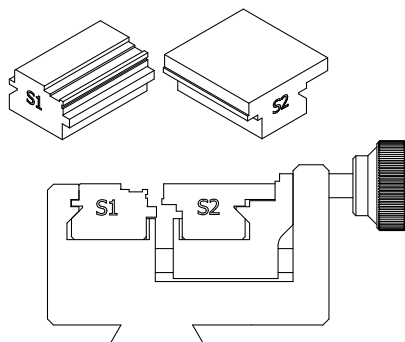


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ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.



S1-S2



CONDOR **CONDOR MIRROR**

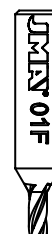
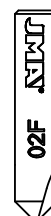


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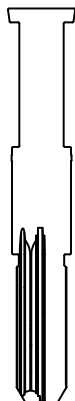
STD

1F

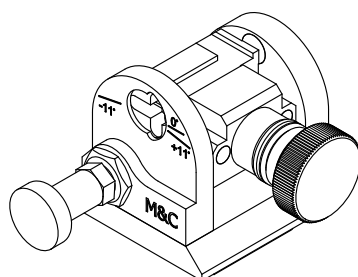
STD



M&C



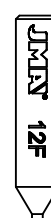
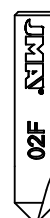
COLOR+



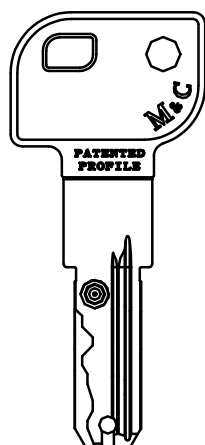
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STD

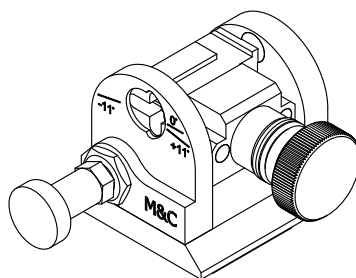
12F



M&C



MOVE



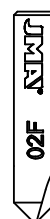
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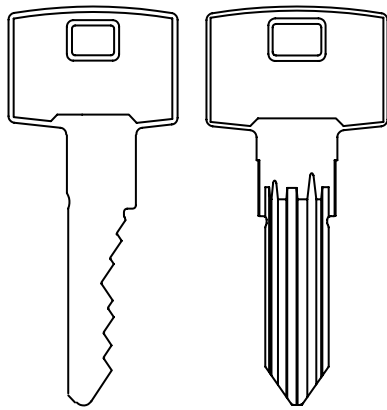
3F

STD

1F

STD

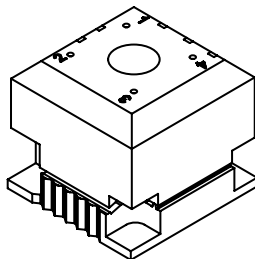




Y14
V14
Vitesse

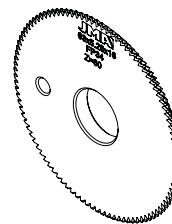
W14

MP1-ABP

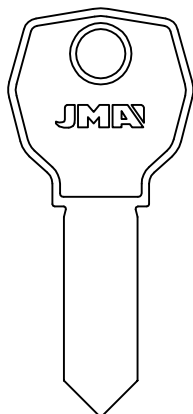


FP34

STD



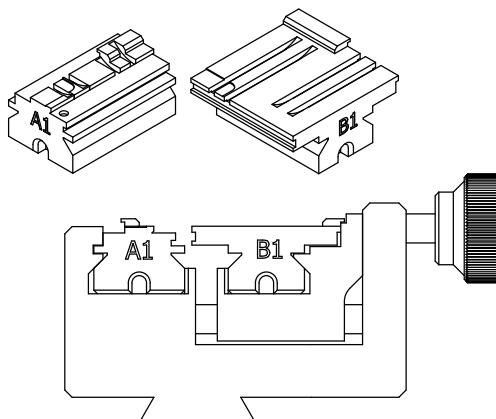
SEA



SEA-1
SEA3

A1 B1

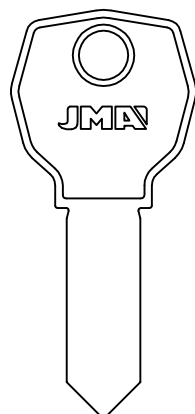
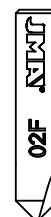
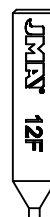
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12F

2F

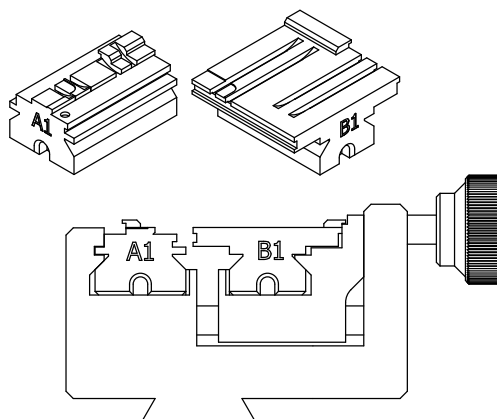
STD



SEA-1
SEA 22/23

A1 B1

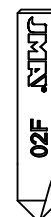
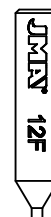
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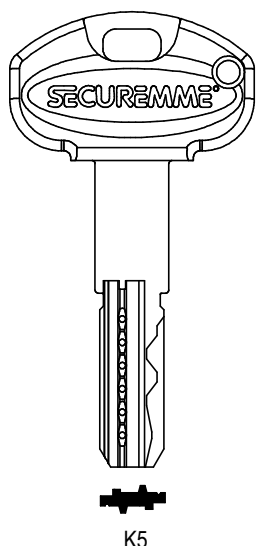


12F

2F

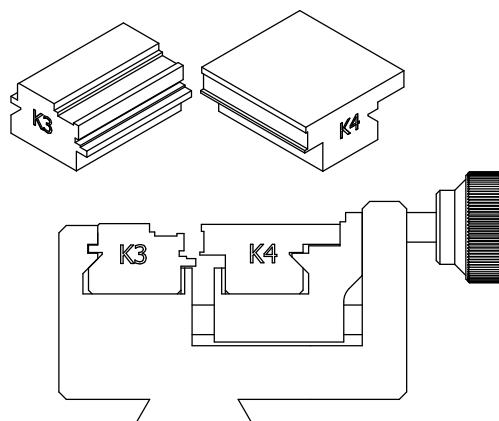
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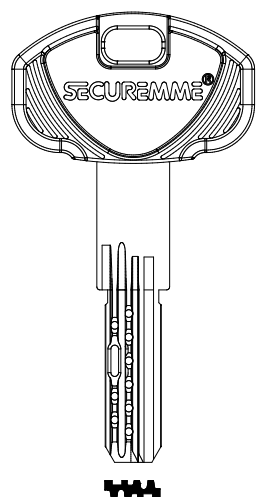
K5

K3 K4



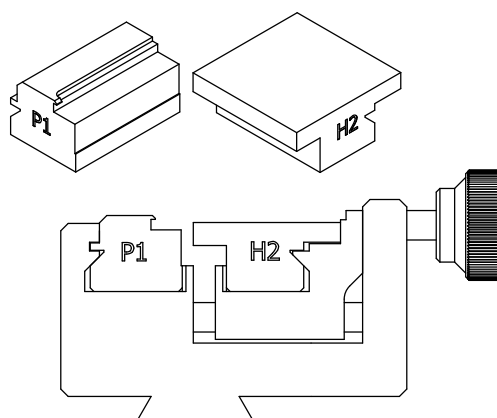
2F

STD

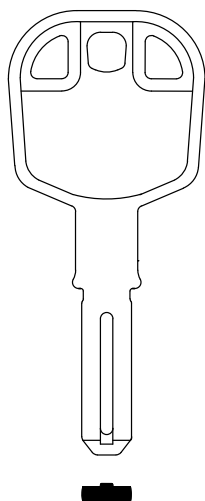


EVO K22/K64

P1 H2

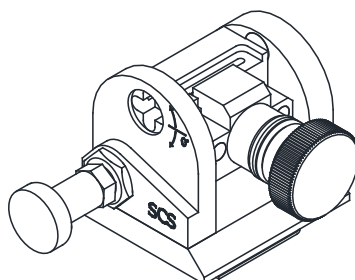


10F



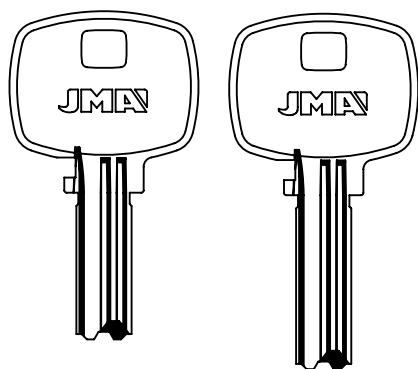
PRO STAR / CODE 3D

SCS



6F



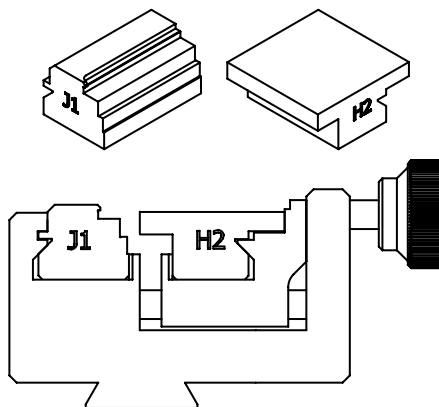


STS-X5



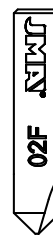
STS-X6

J1 H2

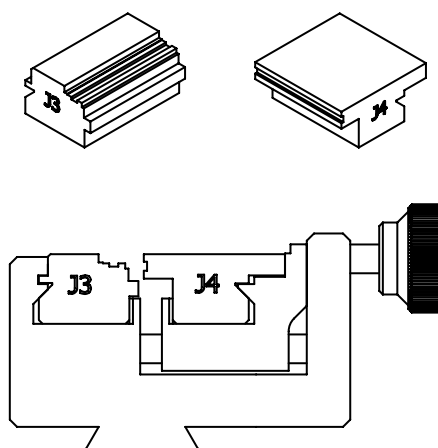


2F

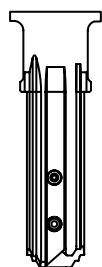
STD



J3 J4

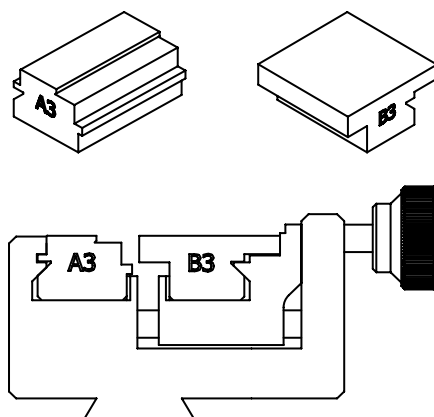


6F



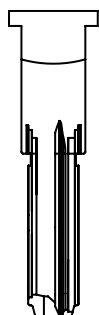
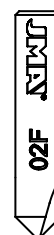
ST6

A3 B3



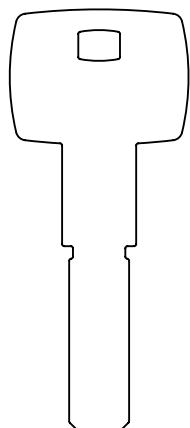
2F

STD



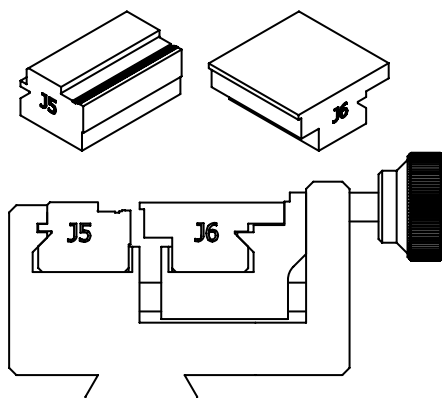
ST8



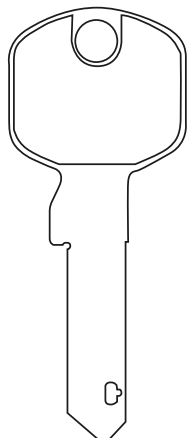


ST15

J5 J6

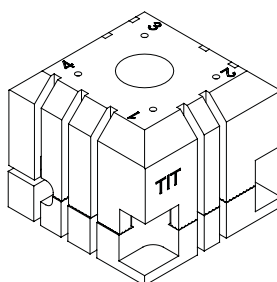


6F



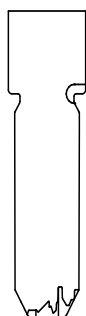
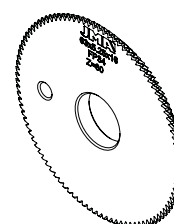
T100 RX

MP1-TIT



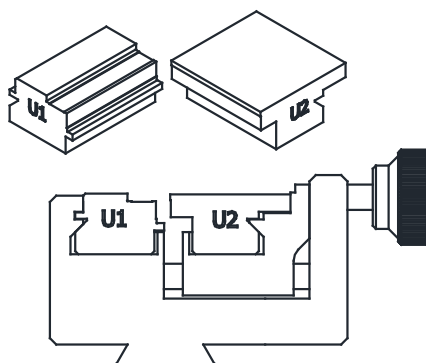
FP34

STD



KEYPRIME (GB)

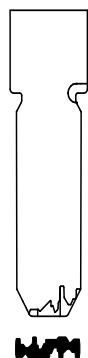
U1-U2



6F

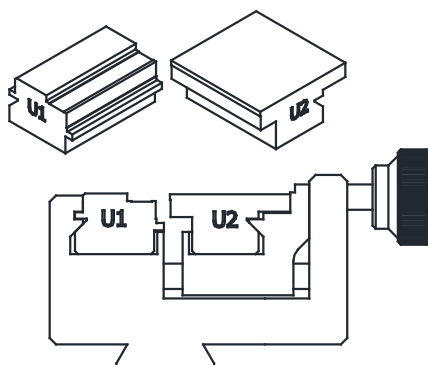
STD





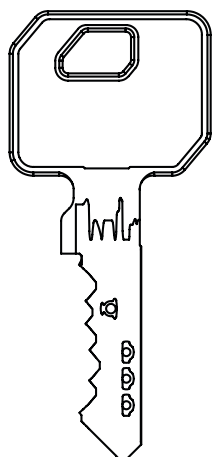
VERCY (FR)

U1-U2



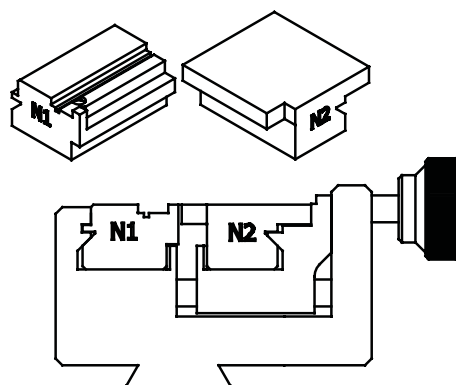
6F

STD



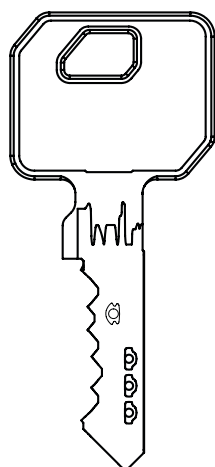
P1 S1 S4

N1 N2



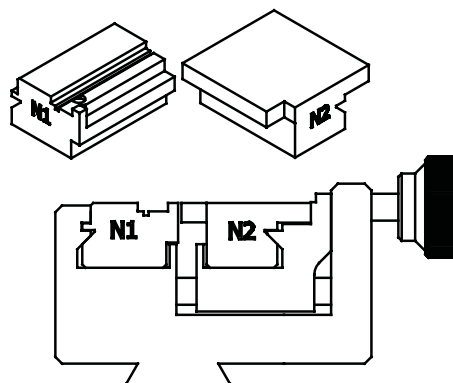
3F

STD



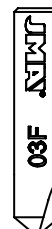
PR100

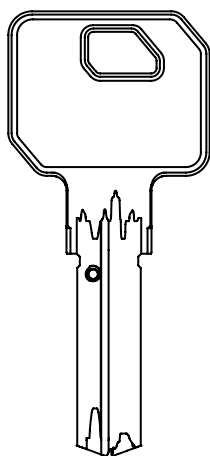
N1 N2



3F

STD



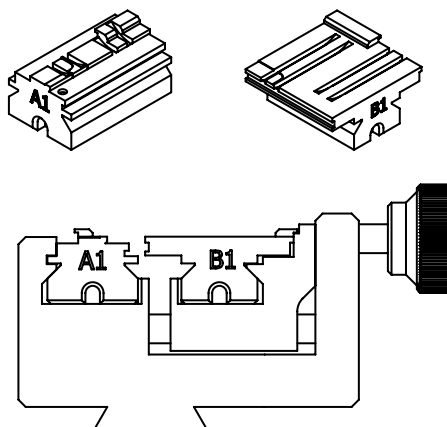


86/98

P3

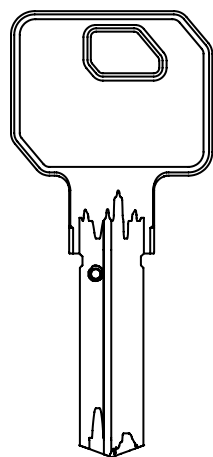
A1 B1

STD



2F

STD

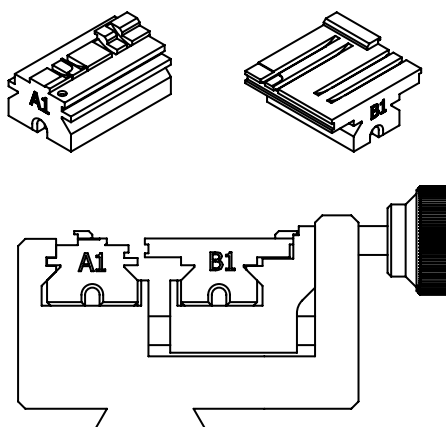


86/98

PR300

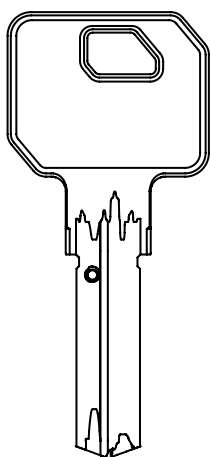
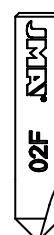
A1 B1

STD



2F

STD

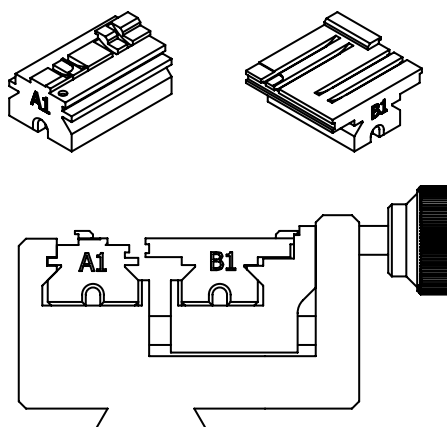


86/98

S3 S5

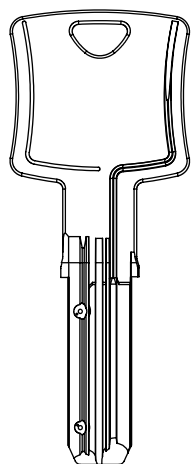
A1 B1

STD



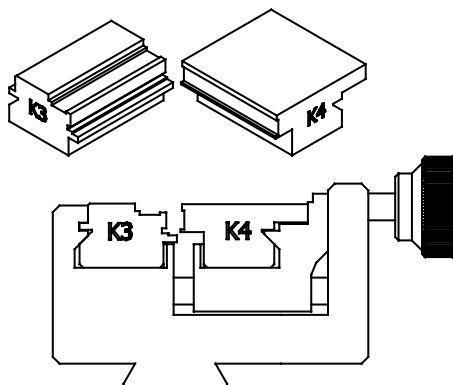
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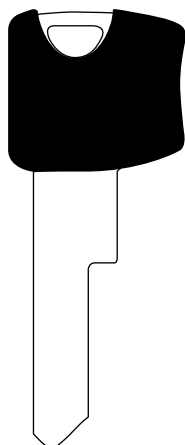


ON-tra EGS
ON-tra

K3 K4

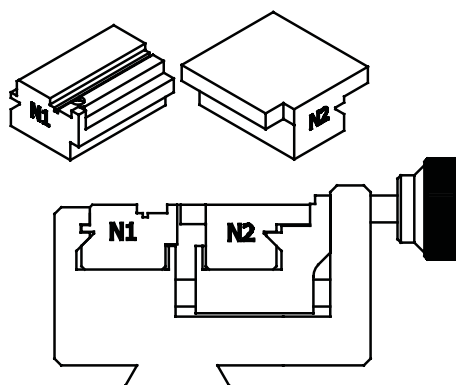


11F



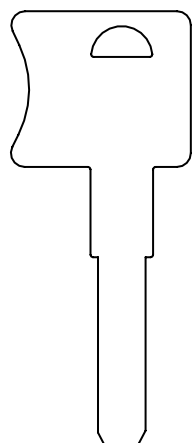
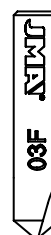
RPE/RPS

N1 N2



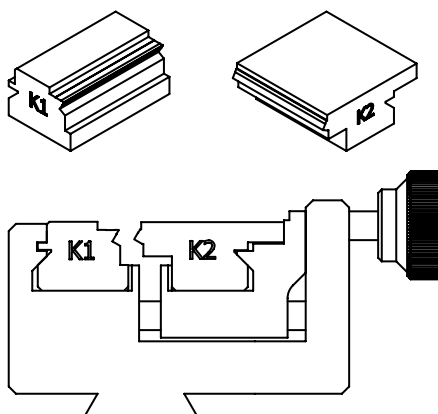
3F

STD



X-TRA

K1 K2

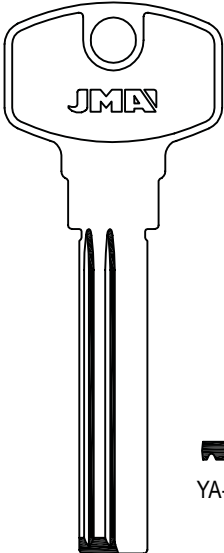


3F

STD

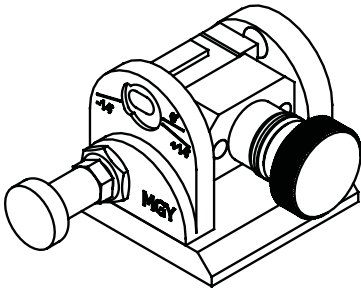


YALE




YA-281D

MGY



2F

STD

9F



LLAVES AUTOMOCIÓN

IBILGAILUENTZAKO GILTZAK

KEYS FOR VEHICLES

CLÉS POUR VÉHICULES

FAHRZAUGESCHLÜSSEL



ESPECIALISTA-SPECIALIST
MULTICODE

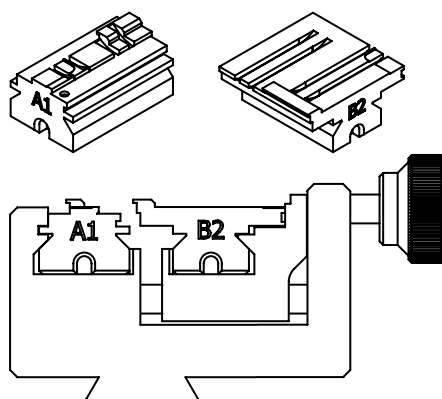
THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

BMW



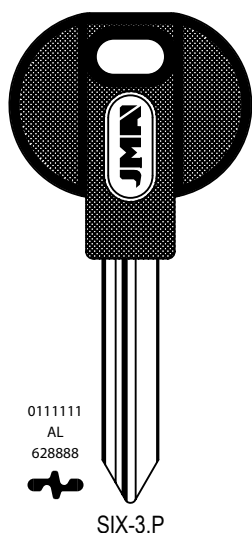
A1 B2 **STD**



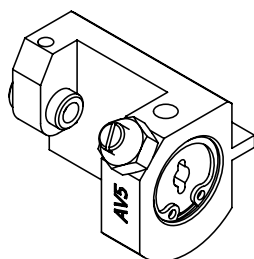
1F **STD**



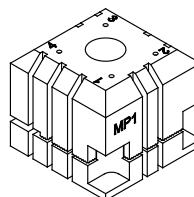
CITROEN



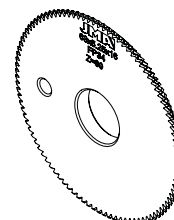
AV5



MP1 **STD**



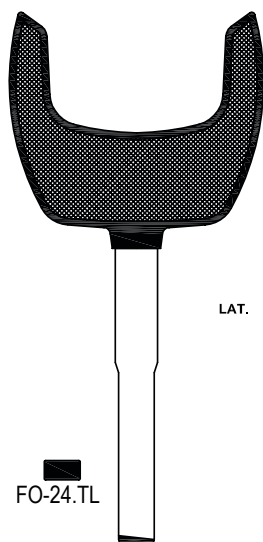
FP34 **STD**



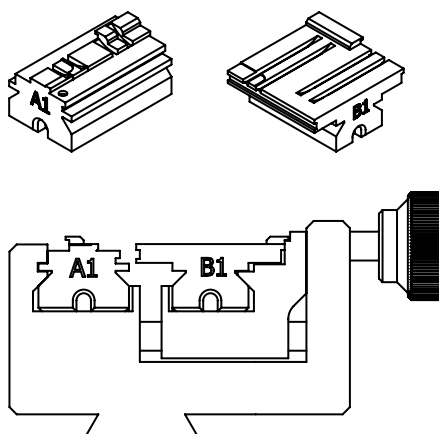
0111111
AL
628888

SIX-3.P

FORD



A1 B1 **STD**



1F **STD**



LAT.

FO-24.TL

JMA®



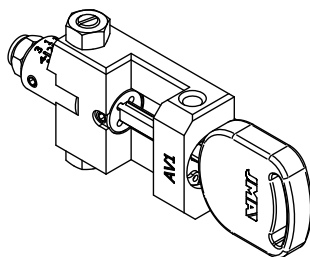
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ATTENTION: Concerning the marks and commercial denominations see note in index.
ATTENTION: Concernant les marques et denominations commerciales voir la note dans l'index.
ACHTUNG: Beziehen auf die marke und handelsname sehen sie die notiz im index.

FORD

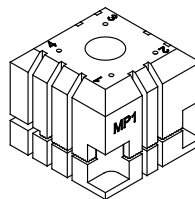


AV1

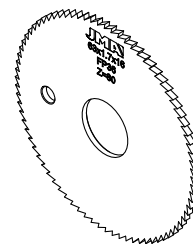


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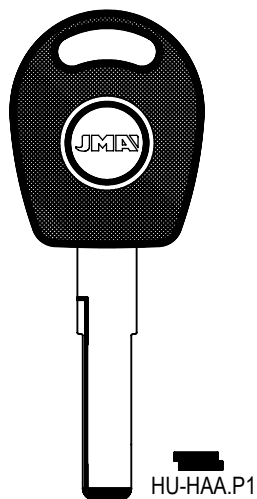
STD



FP36

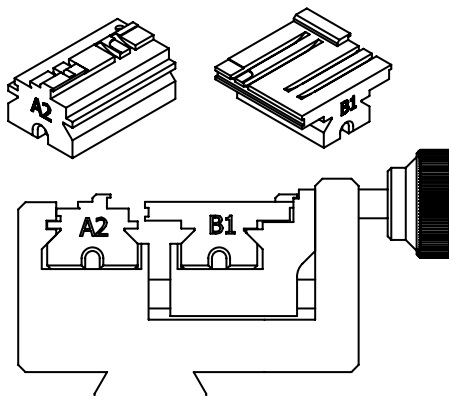


GRUPO VAG



A2 B1

STD

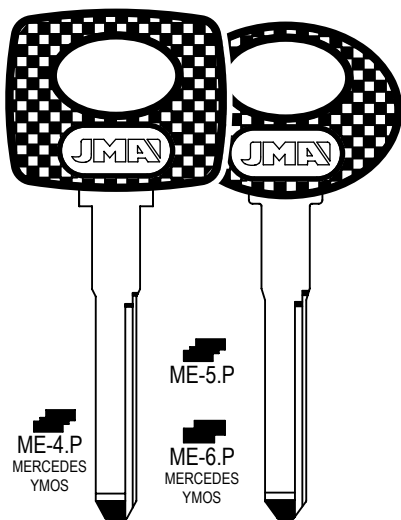


1F

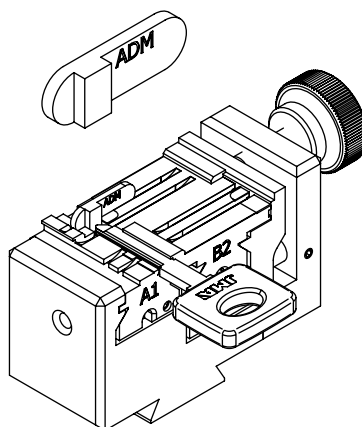
STD



MERCEDES

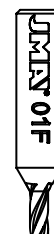


A1 B2 (STD) + ADM



1F

STD



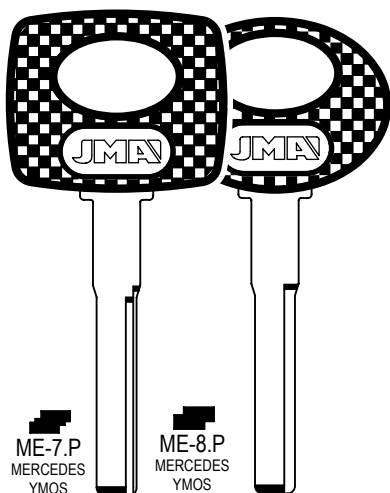
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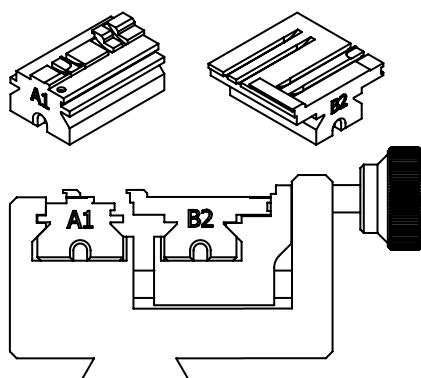
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MERCEDES



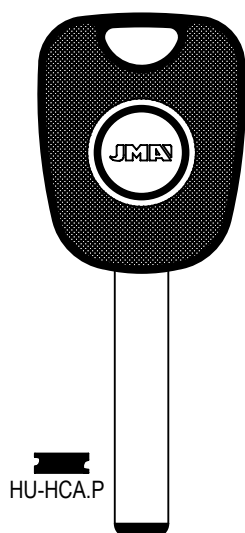
A1 B2 **STD**



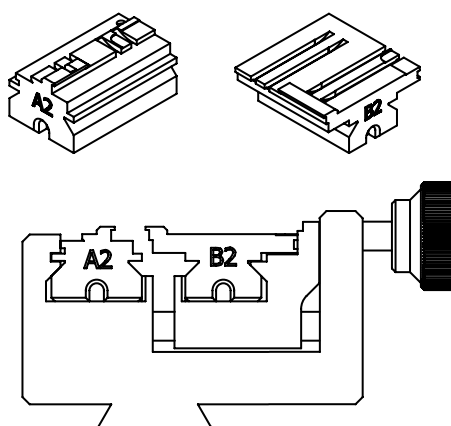
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PEUGEOT-CITROEN

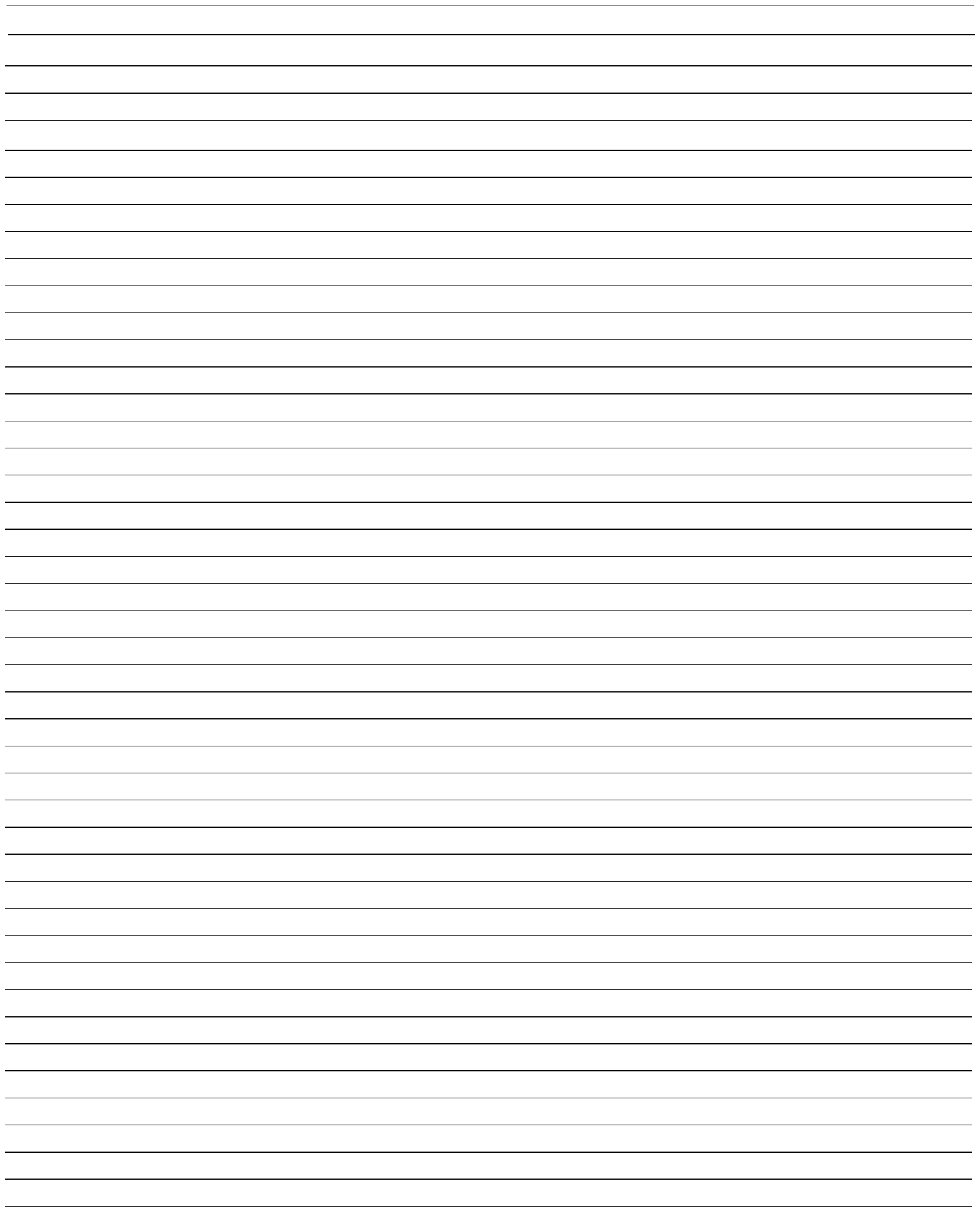


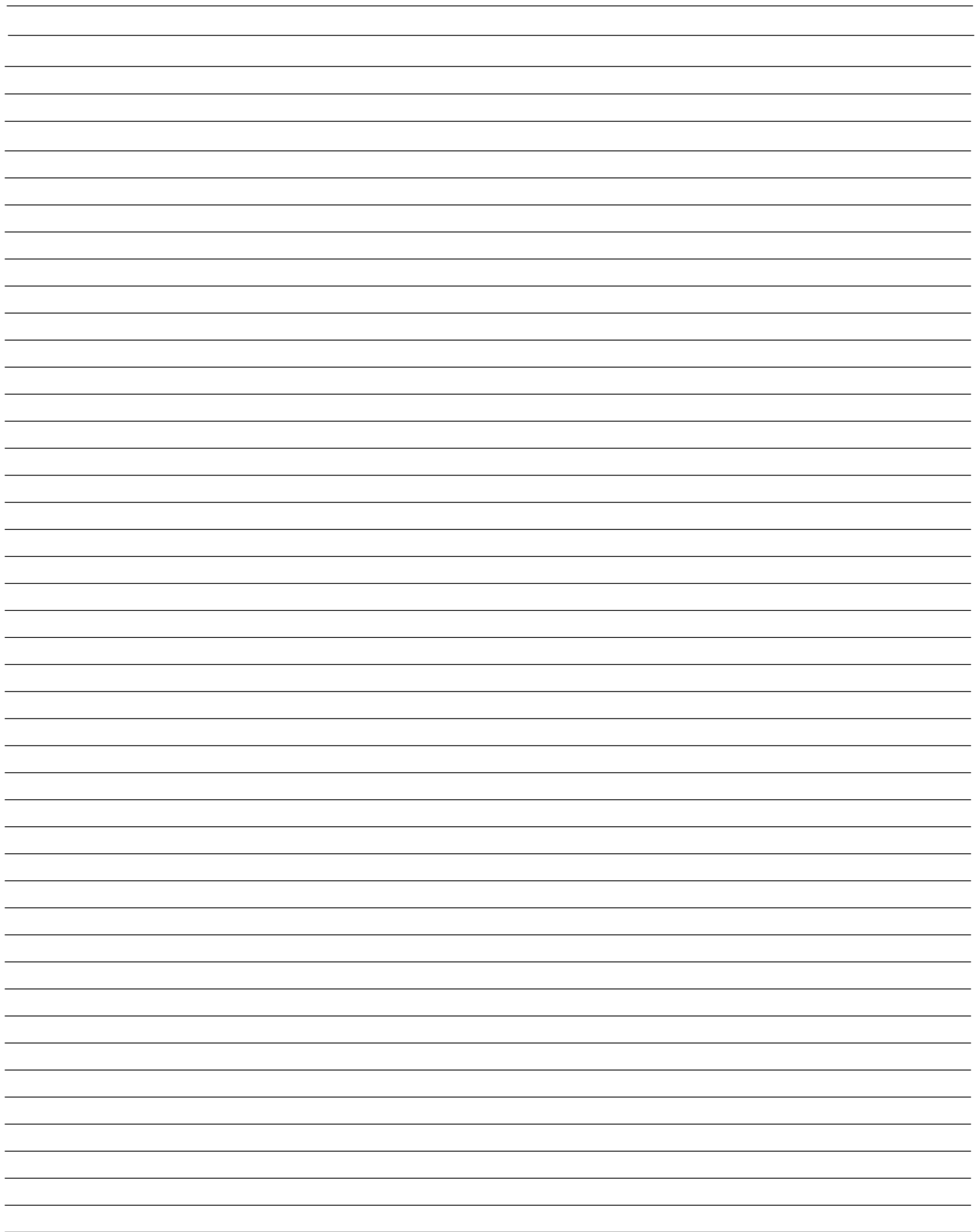
A2 B2 **STD**



1F **STD**







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