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ESPAÑOL

AVISO LEGAL

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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.

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nocer con rapidez la cerradura a la que corresponden nuestras piezas.

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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

Katalogo honetan ageri diren giltzak JMA Alejandro Altuna S.L.U. enpresak edo honek kontratatutako beste enpresabatek egindako JMA piezak dira. Katalogoan zehazten diren marken fabrikatzaileen zilindro eta sarrailetarako diseinatu daude.

Jabetza industrialari buruz indarrean dauden lege-xedape-nekin bat etorritik, katalogo honetan zehaztutako merkataritza-markak edo izenak zilindro eta sarraileen fabrikatzaileen nahiz ibilgailuen fabrikatzaileen eta beste erakitzailen, banatzaileen eta erabiltzaileen 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 kopia 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 eredu eta batzuk JMA marka eta erreferentziarekin nahiz ALTUNA taldeko beste marka batekin jaso ahal izango dira.

ENGLISH

LEGAL WARNING

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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

IMPRESSUM

Die in dem vorliegenden Katalog aufgeführten Schlüssel sind JMA-Teile, die von der Firma JMA Alejandro ALTUNA, S.L.U. einem Zulieferanten von JMA, hergestellt werden. Sie sind für Zylinder und Schlösser 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 ausschließliches Eigentum der Zylinder- und Schloßhersteller, sowie der Automobilhersteller und anderer Konstrukteure, Vertrieber 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.

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THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



FRANÇAIS

MENTIONS LEGALES

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.

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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

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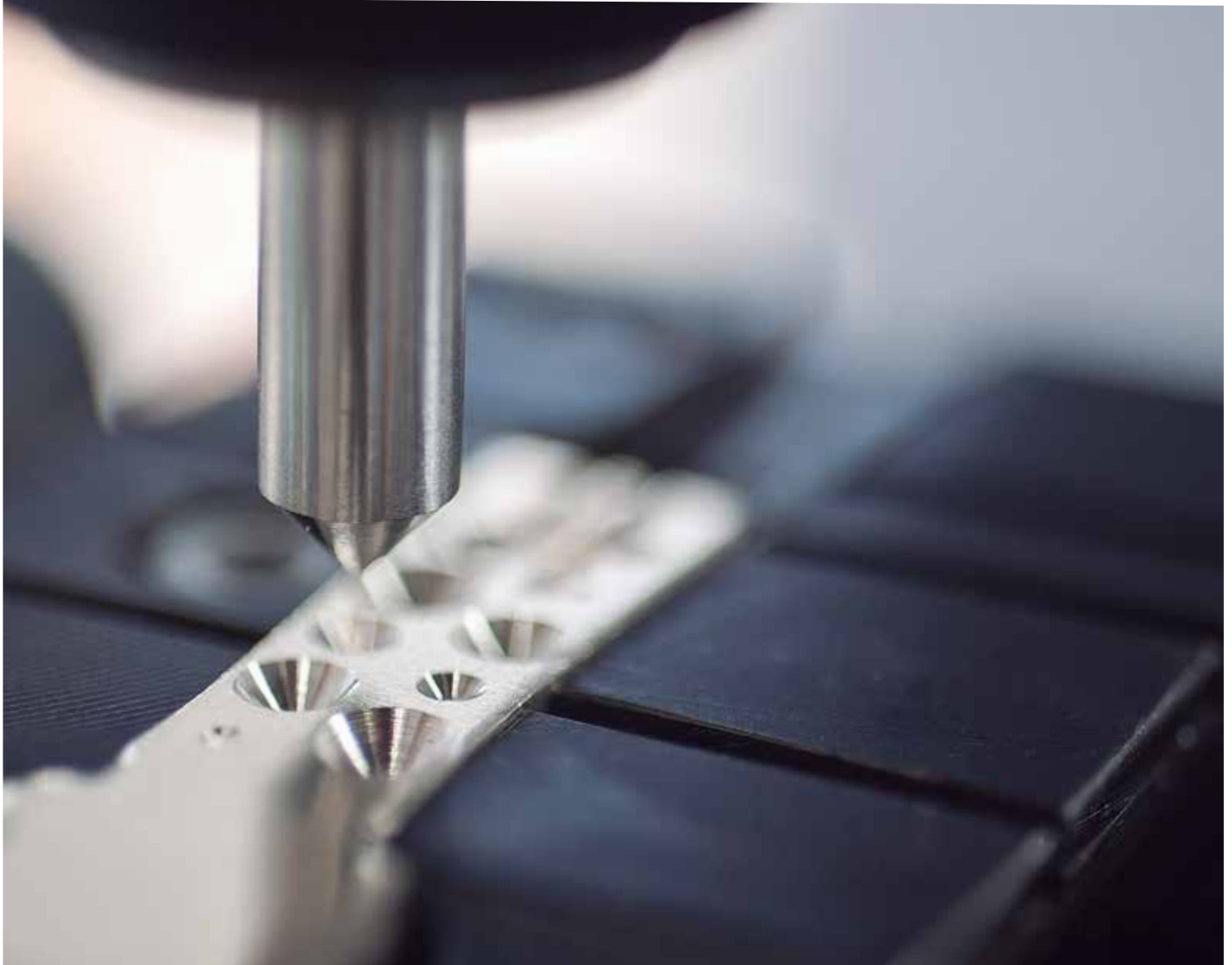
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MÁQUINAS MECÁNICAS

MAKINA MEKANIKOAK
MECHANICAL MACHINES
MACHINES MECANIQUES
MECHANISCHE MASCHINEN



CAPRI - CAPRI S. - NEO - DAKKI - XCODE

PARA LLAVES DE SEGURIDAD

SEGURITATEZKO GILTZENTZAT
FOR SECURITY KEYS
POUR CLES DE SECURITE
FÜR SICHERHEITSSCHLÜSSEL

THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



MÁQUINAS MACHINES



CAPRI

CAPRI es la máquina duplicadora de JMA para llaves de seguridad, regata, tubulares y especiales. Con la máquina duplicadora CAPRI damos un salto cualitativo sobre el resto de máquinas duplicadoras manuales del mercado, al incorporar un novedoso sistema patentado de medición de la fuerza o presión en el duplicado, haciendo que el trabajo de copia sea una tarea sencilla y precisa.

CAPRI is JMA duplicating machine for security, channel, tubular and special keys. With the CAPRI duplicating machine we make a qualitative jump over the rest of manual duplicating machines on the market, by incorporating an innovative patented system for measuring the strength or pressure in the duplication, making the copy task easy and precise.



CAPRI SMART

CAPRI-SMART es la máquina duplicadora de JMA para llaves de seguridad, regata y especiales, diseñada para los profesionales de la duplicación. Una versión sencilla de la máquina duplicadora más avanzada del mercado CAPRI. La robustez de su diseño, las nuevas tecnologías incorporadas y materiales de última generación utilizadas, hacen de ella una duplicadora duradera que mantiene siempre su precisión de duplicado.

CAPRI-SMART is the JMA duplicating machine for security, channel and special keys, designed by professionals from the duplicating world. A simple version of the most advanced duplicating machine of the market, the CAPRI. The strength of its design, the new technologies and last generation materials, make this a long-lasting duplicator that always maintains precision of duplication.

NEO



Neo es la máquina en la que se combinan la precisión y la sencillez a la hora de duplicar las llaves de seguridad, regata y especiales. Reúne nuevas prestaciones como la iluminación Led y la pantalla protectora en la zona de trabajo. Novedosa mordaza donde se han incluido el amarre de llaves de seguridad y llaves de automoción de regata de corte láser sin necesidad de adaptador.

Neo is the machine that combines precision and simplicity to duplicate security, channel and special keys. It includes new features like Led illumination and a protective screen in the work area.

This machine is the first in its category to incorporate a new clamp where the clamping of security keys, and laser cut automotive channel keys has been incorporated without the need of an adaptor (VAG ® keys group fixing area and another for Mercedes® keys).

DAKKI



DAKKI es la máquina duplicadora de JMA para llaves de seguridad, regata de automoción y especiales. Sencilla en su concepción pero precisa en su uso, hacen de ella una máquina económica para el duplicado de llaves de seguridad. Máquina compacta y de diseño de líneas limpias, hacen de ella una duplicadora robusta y de uso ergonómico.

DAKKI is JMA duplicating machine for security, automation channel and special keys. Simple conception but precise in use, make this an economic machine for duplicating security keys. A compact machine with clean lines, makes this machine a strong duplicator and ergonomic in use.

X-CODE



La X-Code es una máquina duplicadora de llaves a código especiales, seguridad y automóvil, controlada electrónicamente. Su funcionamiento puede ser de forma autónoma o mediante la conexión a un PC.

The X-Code is a duplicating machine for special code, security and automobile keys with electronic control. It can operate independently or by connection to a PC.

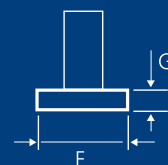
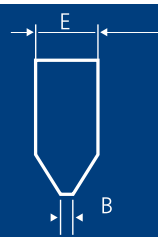
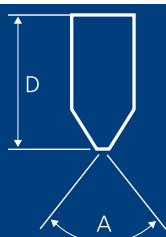


FRESAS CUTTERS

CODE	A	B	C	D	E	PARA-FOR	MAT
F-1	90	0,8		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-1A	90	0,8		45	8	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-1W	90	0,8		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-3			1,5	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-3W			1,5	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-4	90	0,4		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-5	90	0,9		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-5W	90	0,9		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-6	106	1		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-7	90	0,7	4	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-8			4	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-8W			4	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-9			5,95	40	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-9W			5,95	40	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-11			2,5	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-11W			2,5	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-12A	100	0,6		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-12B	100-90	2,1-2,9		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-13	100	0,8		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-13W	100	0,8		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-14	100	1,45		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-15		2	5	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-16	130	0,6		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-17			3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-17W			3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-19	90	1,2		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-19W	90	1,2		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-21	85	0,72		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-22			2,4	40	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-23	90	0,8	3,3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS

CODE	A	B	C	D	E	PARA-FOR	MAT
F-23W	90	0,8	3,3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-24	95	1		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-24W	95	1		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-25	95	1,1		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-25W	95	1,1		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-26	90	0,6	1,8	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-27	90	0,7		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-27W	90	0,7		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-29W	100	0,6		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-30W	100	0,5		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-31W	90	0,6		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-32	90	0,6	3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-32W	90	0,6	3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-33			2	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-33W			2	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-34	90	1,4		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-35W		3	3	45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-40	90	0,2		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-43	90	0,7	2,6	45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-B	90	2,7-3,3		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-BW	90	2,7-3,3		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-C	80	1,4-2		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS
F-CW	80	1,4-2		45	6	Capri - Capri S. - Neo - Dakki - Xcode	W
F-S31	60	0,64-1,2		45	6	Capri - Capri S. - Neo - Dakki - Xcode	HSS

CODE	F	G	C	D	E	PARA-FOR	MAT
F-18	10	1		45	6	Capri - Capri Smart - Xcode	HSS
F-36	12	2		45	6	Xcode	HSS
F-37		1,3		45	6	Xcode	W



SIMBOLOGÍA SYMBOLS

W

Fresa de metal duro
Metal gorroko fresa
Hard metal cutters
Fraise en métal dur
Fräsen für Hartmetall

HSS

Acero extra rápido
Altzairu extra azkarra
High-speed steel
Acier extra rapide
Extraschneller Stahl



Diámetro
Diametro
Diameter
Diametre
Durchmesser



Altura de corte
Ebaketa altuera
Cutting height
Hauteur de coupe
Schnitthöhe



Diámetro de corte
Ebaketa diametroa
Cutting diameter
Diamètre de coupe
Schnittdiameter



Ángulo de corte
Ebaketa-angelua
Cutting angle
Angle de coupe
Schnittwinkel



Base
Oinarri
Base
Base
Basis



Distancia corte
Ebaketaren distantzia
Cutting distance
Distance coupe
Schnittabstand



Largo
Luzera
Length
Longueur
Länge



FRESAS CUTTERS

F-1	F-1A	F-1W	F-3	F-3W	F-4	F-5	F-5W	F-6	F-7	F-8	F-8W	F-9	F-9W	F-11	F-11W	F-12A	F-12B	F-13	F-13W	F-14
F-15	F-16	F-17	F-17W	F-18	F-19	F-19W	F-21	F-22	F-23	F-23W	F-24	F-24W	F-25	F-25W	F-26	F-27	F-27W	F-29W	F-30W	F-31W
F-32	F-32W	F-33	F-33W	F-34	F-35W	F-36	F-37	F-40	F-43	F-B	F-BW	F-C	F-CW	F-S31						



PALPADORES TRACERS

P-1	P-3	P-4	P-5	P-6	P-7	P-8	P-11	P-12A	P-12B	P-13	P-14	P-15	P-16	P-17	P-19	P-21	P-22	P-23	P-26
P-32	P-33	P-34	P-40	P-43	PS31	P-12X	P-B	P-C											

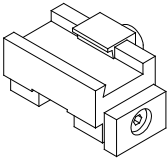
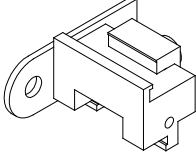
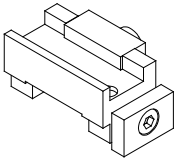
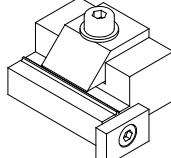
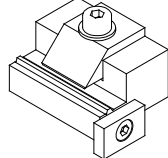
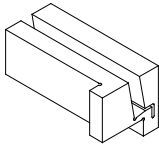


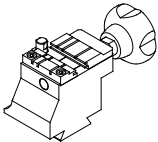
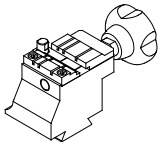
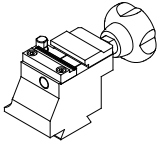
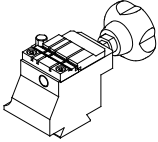
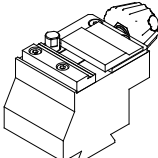
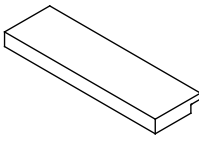
ADAPTADORES ADAPTORS

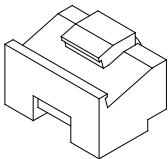
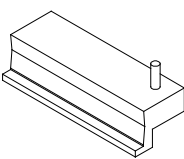
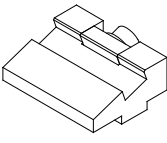
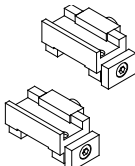
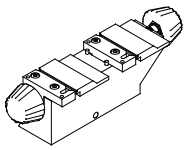
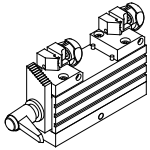
AD-15°	AD-45°	AD-5°	AD-AU	AD-B6	AD-BKS
AD-BR	AD-CI	AD-DO	AD-FO	AD-FO24	AD-JAR1E
AD-JIS	AD-MCM	AD-MJ	AD-MM	AD-OP	AD-PFA
AD-STS	AD-T12P	AD-VA58	AD-VAX	AD-X03	AD-X04

ADAPTADOR	CAPRI	CAPRI S.	NEO	DAKKI	XCODE
AD-15°		X	X	X	
AD-45°		X	X	X	
AD-5°		X	X	X	X
AD-AU					X
AD-B6	X	X	X	X	
AD-BKS	X	X	X	X	
AD-BR	X	X	X	X	X
AD-CI	X	X	X	X	
AD-DO	X	X	X	X	
AD-FO	X	X	X	X	
AD-FO24			X	X	

ADAPTADOR	CAPRI	CAPRI S.	NEO	DAKKI	XCODE
AD-JAR1E	X	X	X	X	
AD-JIS	X	X	X	X	
AD-MCM			X	X	
AD-MJ	X	X	X	X	
AD-MM	X	X	X	X	
AD-OP	X	X	X	X	
AD-PFA	X	X	X	X	
AD-STS	X	X	X	X	X
AD-T12P	X	X	X	X	
AD-VA58		X	X	X	
AD-VAX	X	X	X	X	

					
AD-X05	AD-X06	AD-X07	AD-X08	AD-X10	AD-X11

					
M1	M4	M5	M7	M8	P-WIN

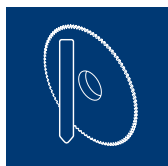
					
AD+15°	ADPL-5°	ADV-19	CP-177	FIC-TUB	FIC-18-DA

ADAPTADOR	CAPRI	CAPRI S.	NEO	DAKKI	XCODE
AD-X03					X
AD-X04					X
AD-X05					X
AD-X06					X
AD-X07					X
AD-X08					X
AD-X10					X
AD-X11					X
AD+15°					X
ADPL-5°	X	X	X	X	X
ADV-19					X

ADAPTADOR	CAPRI	CAPRI S.	NEO	DAKKI	XCODE
CP-177	X	X	X	X	
FIC-TUB		X			
FIC-18-DA	X	X			
M1					X
M4					X
M5					X
M7					X
M8					X
P-WIN		X	X	X	

**MÁQUINA PARA LLAVES DE SEGURIDAD**

SEGURTASUN GILTZATARAKO MAKINAK
MACHINES FOR SECURITY KEYS
MACHINES POUR CLES DE SECURITE
MASCHINEN FÜR SICHERHEITSSCHLÜSSEL

**FRESAS**

FRESAK
CUTTERS
FRAISES
FRÄSEN

**PALPADORES**

HAZTAGAILUAK
TRACERS
PALPEURS
FÜHLER

**ACCESORIOS**

OSAGARRIAK
ACCESSORIES
ADAPTATEURS
ZUBEHÖR

CAPRI**CAPRI****CAPRI S.****CAPRI SMART****NEO****NEO****DAKKI****DAKKI****XCODE****XCODE**

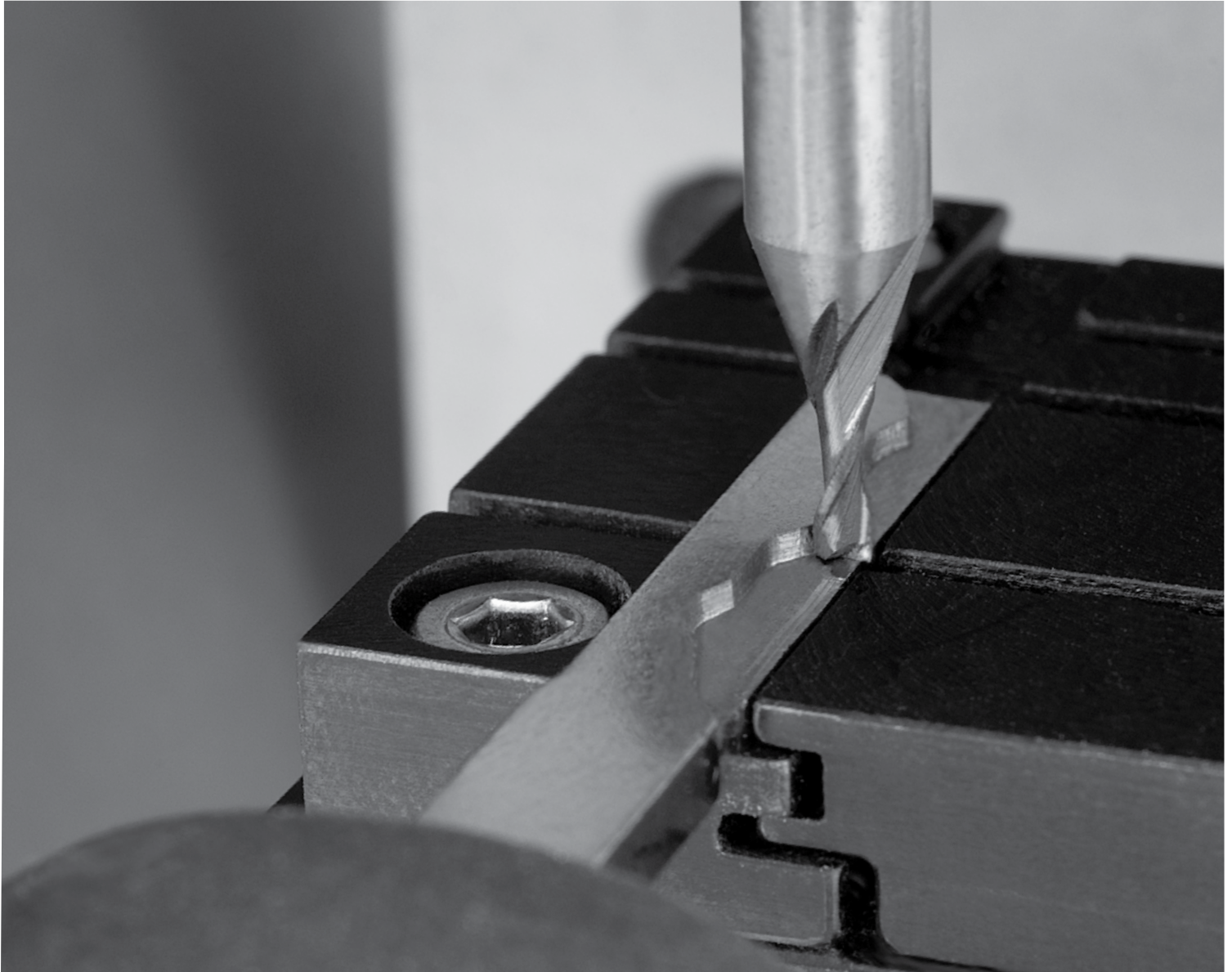
FICHA ESPECIALISTA

ESPEZIALISTAREN FITXA

SPECIALIST FILE

FICHE SPÉCIALISÉE

DATENBLATT FÜR FACHLEUTE



CAPRI - CAPRI S. - NEO - DAKKI - XCODE

PARA LLAVES DE SEGURIDAD

SEGURITATEZKO GILTZENTZAT

FOR SECURITY KEYS

POUR CLES DE SECURITE

FÜR SICHERHEITSSCHLÜSSEL

THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

					
ABSA	AB-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	AB-2T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	AB-3T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	AB-4T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
ABC	ABC-6	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		XCODE	F-13W		
		NEO-DAKKI	F-5	P-5	
	ABC-7	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
ABLOY	ABU-16	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W	P-1	
ABUS	ABU-34	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
		XCODE	F-1W		
	ABU-61	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
		XCODE	F-1W		
	ABU-63	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
		XCODE	F-1W		
	ABU-66	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	ABU-81	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
AGA	AGA-12	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-27		

					
AGA	AGA-25	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	AGA-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	AGA-29	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-1W		
	AGA-2T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	AGA-38	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		NEO-DAKKI	F-1W		
	AGA-39	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	AGA-42	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	AGA-43	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	AGA-44	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	AGA-48	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	AGA-49	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	AGA-50	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	

						
AGA		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
AGB	AGB-2	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-27			
	AGB-4	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-27			
	AGB-5	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-27			
AMIG	AMG-10	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
	AMG-10D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
	AMG-8D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
	AMG-9D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
APEX	AP-1D	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
	AP-3D	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
	AP-4D	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
	AP-5D	CAPRI	F-19	P-19		
		CAPRI S.	F-19	P-19		
		NEO-DAKKI	F-19	P-19		
AXA	AX-2P	CAPRI	F-33	P-33		
		CAPRI S.	F-33	P-33		
		NEO-DAKKI	F-33	P-33		

						
AXA		XCODE	F-33			
AZBE	AZ-12	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
	AZ-14	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
		XCODE	F-5W			
	AZ-7	CAPRI	F-15	P-15		
		CAPRI S.	F-15	P-15		
		NEO-DAKKI	F-15	P-15	P-WIN	
	AZ-8D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
	AZ-8D	XCODE	F-5W			
	AZ-9	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
		XCODE	F-5W			
	AZ-9D	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
		XCODE	F-24	P-13		
	AZ-29	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
		XCODE	F-24			
	AZ-32	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
BAGEM	BAG-1	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
BAODEAN	BDA-1	CAPRI	F-14	P-14		
		CAPRI S.	F-14	P-14		
		NEO-DAKKI	F-14	P-14		
		XCODE	F-14			
BASI	BAI-8D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		

®	JMA®				
BASI	BAI-9D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	ORIGINAL CX6	XCODE	F-19		
BEY	BEY-1D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-13W		
	BEY-2D	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	
BILMA	BIL-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIG-TUB
BKS	ORIGINAL WS 50 NW	CAPRI	F-35W	P-35	AD-BKS
		CAPRI S.	F-35W	P-35	AD-BKS
		NEO-DAKKI	F-35W	P-35	AD-BKS
		XCODE	F-35W		AD-X10
	ORIGINAL WS 50 RA, RK, RZ	XCODE	F-35W		AD-X08
BORKEY	BKY-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-5W		
	BKY-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
BRAS	BRAS-1	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
BRICARD	BRI-16	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-5W		
	BRI-25	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	BRI-26	CAPRI	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
	BRI-27	CAPRI	F-1	P-1	AD-CI

®	JMA®				
BRICARD		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	BRI-28	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	BRI-29	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
		XCODE	F-1W		AD-X03
	BRI-30	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	BRI-31	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	BRI-33	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	BRI-34	CAPRI	F-1	P-1	AD-CI
		CAPRI S.	F-1	P-1	AD-CI
		NEO-DAKKI	F-1	P-1	AD-CI
	ORIGINAL DUAL XP	XCODE	F-1W		
BULAT	BUL-1	NEO-DAKKI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		CAPRI	F-1	P-1	
BURG	BUR-33	NEO-DAKKI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		CAPRI	F-1	P-1	
BYP	BYP-1D	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	
CAYS	CAY-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-19		
CES	CE-114	CAPRI	F-32	P-32	
		CAPRI S.	F-32	P-32	
		NEO-DAKKI	F-32	P-32	
		XCODE	F-32		
	ORIGINAL WSM	CAPRI	F-32	P-32	
		CAPRI S.	F-32	P-32	

®	JMA				
CES		NEO-DAKKI XCODE	F-32 F-32	P-32	
CHICAGO	CHI-1T	CAPRI CAPRI S.	F-8 F-8	P-8 P-8	FIC-TUB
CHUBB	CHU-10	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	
CISA	CI-14	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-5W	P-1 P-1 P-1	
	CI-17	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-43	P-1 P-1 P-1	
	CI-21	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-25	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-26	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-30	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-31	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI AD-X03
	CI-32	CAPRI NEO-DAKKI CAPRI S. XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI AD-X03
	CI-33	CAPRI CAPRI S.	F-1 F-1	P-1 P-1	AD-CI AD-CI

®	JMA				
CISA		NEO-DAKKI XCODE	F-1 F-1W	P-1	AD-CI
	CI-35	CAPRI CAPRI S. NEO-DAKKI XCODE	F-1 F-1 F-1 F-1W	P-1 P-1 P-1	AD-CI AD-CI AD-CI AD-X03
	CI-48	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-56	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-57	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-59	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	
	CI-60	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-66	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-71	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-72	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
	CI-73	CAPRI CAPRI S. NEO-DAKKI	F-1 F-1 F-1	P-1 P-1 P-1	AD-CI AD-CI AD-CI
CORBIN	COR-37	CAPRI CAPRI S. NEO-DAKKI XCODE	F-5 F-5 F-5 F-19	P-5 P-5	
	COR-77	CAPRI CAPRI S. NEO-DAKKI XCODE	F-5 F-5 F-5 F-19	P-5 P-5	

						
CORBIN		ORIGINAL EUROVAL	XCODE	F-5W		
CVL		CVL-9D	CAPRI	F-13	P-13	
			CAPRI S.	F-13	P-13	
			NEO-DAKKI	F-13	P-13	
			NEO-DAKKI	F-13W		
DAF	DAF-2		CAPRI	F-13	P-13	
			CAPRI S.	F-13	P-13	
			NEO-DAKKI	F-13	P-13	
	DAF-3D		CAPRI	F-13	P-13	
			CAPRI S.	F-13	P-13	
			NEO-DAKKI	F-13	P-13	
	DAF-4D		CAPRI	F-13	P-13	
			CAPRI S.	F-13	P-13	
			NEO-DAKKI	F-13	P-13	
DEKABA	DEK-3		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
			XCODE	F-6		
DEKABA	DEK-4		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
	DEK-8		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
			XCODE	F-6		
	DEK-11		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
DELCA	DLC-1		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
	DLC-2		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
	DLC-3		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
DIERRE	DR-1		CAPRI	F-11	P-11	
			CAPRI S.	F-11	P-11	
			NEO-DAKKI	F-11	P-11	

						
DOM	DOM-17I		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
			XCODE	F-1W		
	DOM-22		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
			XCODE	F-1W		
	DOM-30		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
			XCODE	F-1W		
	DOM-31		CAPRI	F-1	P-1	AD-ST5
			CAPRI S.	F-1	P-1	AD-ST5
			NEO-DAKKI	F-1	P-1	AD-ST5
			XCODE	F-1W		
	DOM-32		CAPRI	F-1	P-1	AD-ST5
			CAPRI S.	F-1	P-1	AD-ST5
			NEO-DAKKI	F-1	P-1	AD-ST5
	DOM-33		CAPRI	F-1	P-1	AD-ST5
			CAPRI S.	F-1	P-1	AD-ST5
			NEO-DAKKI	F-1	P-1	AD-ST5
			XCODE	F-1W		
	DOM-34		CAPRI	F-1	P-1	AD-ST5
			CAPRI S.	F-1	P-1	AD-ST5
			NEO-DAKKI	F-1	P-1	AD-ST5
			XCODE	F-1W		
	DOM-39		CAPRI	F-1	P-1	AD-ST5
			CAPRI S.	F-1	P-1	AD-ST5
			NEO-DAKKI	F-1	P-1	AD-ST5
			XCODE	F-1W		
	DOM-43		CAPRI	F-1	P-1	AD-ST5
			CAPRI S.	F-1	P-1	AD-ST5
			NEO-DAKKI	F-1	P-1	AD-ST5
	DOM-56D		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	
	DOM-63D		CAPRI	F-1	P-1	
			CAPRI S.	F-1	P-1	
			NEO-DAKKI	F-1	P-1	

						
DOM	DOM-B1	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	ORIGINAL IX5 DAS 038	CAPRI	F-1	P-1	AD-DO	
		CAPRI S.	F-1	P-1	AD-DO	
		NEO-DAKKI	F-1	P-1	AD-DO	
		XCODE	F-1W		M4	
	ORIGINAL IX DAS 138	CAPRI	F-23	P-23		
		CAPRI S.	F-23	P-23		
		NEO-DAKKI	F-23	P-23		
		XCODE	F-23W		M1	
	ORIGINAL IX6 KG 102/121	CAPRI	F-1A	P-1	AD-DO	
		CAPRI S.	F-1A	P-1	AD-DO	
		NEO-DAKKI	F-1A	P-1	AD-DO	
		XCODE	F-1A		M4	
	ORIGINAL IX6 SR 132/232	CAPRI	F-23	P-23	AD-DO	
		CAPRI S.	F-23	P-23	AD-DO	
		NEO-DAKKI	F-23	P-23	AD-DO	
		XCODE	F-23W		M4	
	DOM-B6	CAPRI	F-1A	P-23	AD-B6	
		CAPRI S.	F-1A	P-23	AD-B6	
		NEO-DAKKI	F-1A	P-23	AD-B6	
DOMUS	DO-3	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-43			
	DO-4	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
ELZETT	ELZ-10	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
		XCODE	F-5W			
	ELZ-10D	CAPRI	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
		CAPRI S.	F-5	P-5		
EUROLOCKS	EU-12	CAPRI	F-33	P-33		
		NEO-DAKKI	F-33	P-33		
		CAPRI S.	F-33	P-33		
EZCURRA	EZ-DS10	CAPRI	F-1	P-1		
			F-16	P-16		

						
EZCURRA		CAPRI S.	F-1	P-1		
			F-16	P-16		
		NEO-DAKKI	F-1	P-1		
			F-16	P-16		
		XCODE	F-27			
	EZ-DS10E	CAPRI	F-1	P-1		
			F-16	P-16		
		CAPRI S.	F-1	P-1		
			F-16	P-16		
		NEO-DAKKI	F-1	P-1		
			F-16	P-16		
		XCODE	F-5W			
	EZ-DS15	CAPRI	F-1	P-1		
			F-16	P-16		
		CAPRI S.	F-1	P-1		
			F-16	P-16		
		NEO-DAKKI	F-1	P-1		
			F-16	P-16		
		XCODE	F-5W			
			F-16	P-16		
FAC	FAC-19	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-5W			
	FAC-23	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
	FAC-24	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	FAV-1D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
		XCODE	F-19			
	FAV-2	CAPRI	F-5	P-5		

®	JMA				
FAVOUR		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
FAYN	FAY-1D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
F-CV	FV-3	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
FF	FF-13	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
FICHET	FIC-2	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	FIC-TUB
	FIC-3	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	FIC-TUB
	FIC-4	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	FIC-TUB
	FIC-18	CAPRI	F-18	P-18	FIC-18-DA
		CAPRI S.	F-18	P-18	FIC-18-DA
FORD	FO-6P	CAPRI	F-22	P-22	AD-FO
		CAPRI S.	F-22	P-22	AD-FO
		NEO-DAKKI	F-22	P-22	AD-FO
	FO-24P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	AD-F024
FONTAINE	FON-1E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	FON-2E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	FON-3E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	FON-5E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	FON-6E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
FTH	FTH-16	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-19		
	FTH-23	CAPRI	F-5	P-5	

®	JMA				
FTH		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-1W		
	FTH-24	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	FTH-25	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	FTH-26D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	FTH-29	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	FTH-30	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	FTH-7	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
GERA	ORIGINAL GERA WS / WS XP / PLUS	XCODE	F-13W		
GERDA	GDA-1P	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
GIOBERT	GIOB-3P	CAPRI	F-6	P-6	
		CAPRI S.	F-6	P-6	
		NEO-DAKKI	F-6	P-6	
		NEO-DAKKI	F-6		
GODREJ	GOD-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	GOD-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
G.M.	GM-49DP	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	

						
HB	HB-1	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
HONDA	HOND-17P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	TP00 HOND-31P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
HTEC	HTE-50	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
HUF	BM-1P	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	BM-4	CAPRI	F-11	P-11	AD-MJ	
		CAPRI S.	F-11	P-11	AD-MJ	
		NEO-DAKKI	F-11	P-11	AD-MJ	
	BM-5P	CAPRI	F-11	P-11	AD-MJ	
		CAPRI S.	F-11	P-11	AD-MJ	
		NEO-DAKKI	F-11	P-11	AD-MJ	
		XCODE	F-11W			
	BM-6P	CAPRI	F-11	P-11	AD-AUDI	
		CAPRI S.	F-11	P-11	AD-AUDI	
		NEO	F-11	P-11		
		DAKKI	F-11	P-11	AD-AUDI	
		XCODE	F-17W		AD-X06	
	BM-7P	CAPRI	F-33	P-33		
		CAPRI S.	F-33	P-33		
		NEO-DAKKI	F-33	P-33		
		XCODE	F-22			
	HU-2P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	HU-2P-1	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		

						
HUF	HU-DHP	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	HU-DHP-1	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	HU-DHP2	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	HU-DHP-3	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	HU-DNP	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	HU-HAAP	CAPRI	F-11	P-11	AD-AUDI	
		CAPRI S.	F-11	P-11	AD-AUDI	
		NEO	F-11	P-11		
		DAKKI	F-11	P-11	AD-AUDI	
		XCODE	F-17W		AD-AU	
	HU-HAAP1	CAPRI	F-11	P-11	AD-AUDI	
		CAPRI S.	F-11	P-11	AD-AUDI	
		NEO	F-11	P-11		
		DAKKI	F-11	P-11	AD-AUDI	
		XCODE	F-17W		AD-AU	
	HU-HCAP	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-17W			
	ME-2P	CAPRI	F-11	P-11	AD-MJ	
		CAPRI S.	F-11	P-11	AD-MJ	
		NEO - DAKKI	F-11	P-11	AD-MJ	
		XCODE	F-11W			
	ME-3P	CAPRI	F-11	P-11	AD-MJ	
		CAPRI S.	F-11	P-11	AD-MJ	
		NEO - DAKKI	F-11	P-11	AD-MJ	



HUF		XCODE	F-11W		
ME-4P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
	XCODE	F-11W		AD-X04	
ME-5P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
	XCODE	F-11W		AD-X04	
ME-6P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
ME-7P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
	XCODE	F-11W		AD-X04	
ME-8P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
ME-10P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
	XCODE	F-11W		AD-X04	
ME-11P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
	XCODE	F-11W		AD-X04	
ME-12P	CAPRI	F-11	P-11	AD-MM	
	CAPRI S.	F-11	P-11	AD-MM	
	NEO	F-11	P-11		
	DAKKI	F-11	P-11	AD-MM	
	XCODE	F-11W		AD-X04	
OP-11C1	CAPRI	F-11	P-11		
	CAPRI S.	F-11	P-11		



HUF		NEO-DAKKI	F-11	P-11	
OP-11P1	CAPRI	F-11	P-11		
	CAPRI S.	F-11	P-11		
	NEO-DAKKI	F-11	P-11		
	XCODE	F-17W			
OP-WHP	NEO-DAKKI	F-11	P-11	AD-OP	
	CAPRI	F-11	P-11	AD-OP	
	CAPRI S.	F-11	P-11	AD-OP	
	XCODE	F-11W			
OP-WHC	NEO-DAKKI	F-11	P-11	AD-OP	
	CAPRI	F-11	P-11	AD-OP	
	CAPRI S.	F-11	P-11	AD-OP	
	XCODE	F-11W			
OP-WYP	CAPRI	F-11	P-11	AD-OP	
	CAPRI S.	F-11	P-11	AD-OP	
	NEO-DAKKI	F-11	P-11	AD-OP	
	XCODE	F-11W			
HYUNDAI	HY-18P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	HY-18P1C1	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
HY-19P		NEO-DAKKI	F-11	P-11	
	CAPRI	F-11	P-11		
	CAPRI S.	F-11	P-11		
IFAM	IF-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	XCODE	F-5W			
IF-4	CAPRI	F-1	P-1		
	CAPRI S.	F-1	P-1		
	NEO-DAKKI	F-1	P-1		
	XCODE	F-5W			
IF-6	CAPRI	F-19	P-19		
	CAPRI S.	F-19	P-19		
	NEO-DAKKI	F-19	P-19		
	XCODE	F-19			
INCECA	INCE-1E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
IR	IR-1P	CAPRI	F-1	P-1	

						
IR		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
ISEO	IS-10	NEO-DAKKI	F-1	P-1		
		CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
	IS-10P	NEO-DAKKI	F-1	P-1		
		CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		XCODE	F-1W			
	IS-14D	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	IS-20	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	IS-6D	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
ITO	ITO-2D	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
JARDI	JAR-1E	CAPRI	F-14	P-14	AD-JAR1E	
		CAPRI S.	F-14	P-14	AD-JAR1E	
		NEO-DAKKI	F-14	P-14	AD-JAR1E	
JIS	JIS-4P	CAPRI	F-11	P-11	AD-JIS	
		CAPRI S.	F-11	P-11	AD-JIS	
		NEO-DAKKI	F-11	P-11	AD-JIS	
JPM	JPM-1E	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8	FIC-TUB	
	JPM-2E	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8	FIC-TUB	
KABA	KA-1	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-27			
	KA-2	CAPRI	F-43	P-43	45°	
		CAPRI	F-5	P-5	45°	
		NEO-DAKKI	F-43	P-43	AD-45°	
		NEO-DAKKI	F-5	P-5	AD-45°	

						
KABA		CAPRI S.	F-43	P-43	AD-45°	
		CAPRI S.	F-5	P-5	AD-45°	
	KA-3	CAPRI	F-1	P-1	15°	
		CAPRI S.	F-1	P-1	AD-15°	
		NEO-DAKKI	F-1	P-1	AD-15°	
		XCODE	F-27		AD+15	
	KA-4	CAPRI	F-1	P-26	15°	
		CAPRI	F-1	P-26	45°	
		CAPRI S.	F-1	P-26	AD-15°	
		CAPRI S.	F-1	P-26	AD-45°	
		NEO-DAKKI	F-1	P-26	AD-15°	
		NEO-DAKKI	F-1	P-26	AD-45°	
	KA-5	CAPRI	F-4	P-4		
		CAPRI S.	F-4	P-4		
		NEO-DAKKI	F-4	P-4		
		XCODE	F-4			
	KA-6	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-43			
	KA-7	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-27			
	KA-8	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	KA-10	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
	KA-11	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
KIA	KI-7P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	KI-9P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		

					
KIA		NEO-DAKKI	F-11	P-11	
KALE	KAE-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-5W		
	KAE-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	KAE-4	NEO-DAKKI	F-1	P-1	
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
	KAE-10D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	KAE-11D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-13W		
	KAE-12D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	KAE-14	NEO-DAKKI	F-1	P-1	
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
KESO	KE-1	CAPRI	F-1	P-1	5°
			F-1	P-1	ADPL-5°
		CAPRI S.	F-1	P-1	ADPL-5°
			F-1	P-1	AD-5°
		NEO-DAKKI	F-1	P-1	AD-5°
			F-1	P-1	ADPL-5°
	XCODE		F-1W		AD-5°
			F-1W		ADPL-5°
	KE-3	CAPRI	F-5	P-5	
			F-S31	PS31	
		CAPRI S.	F-5	P-5	
			F-S31	PS31	
		NEO-DAKKI	F-5	P-5	
	XCODE		F-5W		
			F-S31		
	KE-4	CAPRI	F-5	P-5	
			F-S31	PS31	

					
KESO		CAPRI S.	F-5	P-5	
			F-S31	PS31	
		NEO-DAKKI	F-5	P-5	
			F-S31	PS31	
		XCODE	F-5W		
			F-S31		
	KE-5	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
LAPERCHE	LAP-1E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	LAP-10D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	LAP-11D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	LAP-13P	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-27		
	LAP-17P	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-27		
	LAP-2E	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	LAP-4	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-5W		
	LAP-8D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	LAP-20P	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-27		
	LAP-21P	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	

®	JMA				
LAPERCHE		XCODE	F-27		
	LAP-22P	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-27		
	LAP-23P	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-27		
LINCE	LIN-13	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	LIN-19D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	LIN-21D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	ORIGINAL C-2/C-3/C-4	XCODE	F-5W		M7
	ORIGINAL C-5	XCODE	F-28W		M7
	LIN-26D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
LYF	LYF-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	LYF-2T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
MASTER	MAS-15P	CAPRI	F-6	P-6	
		CAPRI S.	F-6	P-6	
		NEO-DAKKI	F-6	P-6	
		XCODE	F-6		
MASTER LOCK	MASL-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
MAUER	ORIGINAL NW4	CAPRI	F-13	P-13	10°
		XCODE	F-13W		AD-X11
MAZDA	MAZ-12P1	CAPRI	F-11	P-11	

®	JMA				
MAZDA		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
MCM	MCM-10	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	AD-MCM
		XCODE	F-13W		AD-X05
	MCM-16	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
		XCODE	F-13W		
	MCM-21D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	MCM-27	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	MCM-4SS	CAPRI	F-1	P-1	
		CAPRI	F-B	PB	
		CAPRI	F-C	PC	
		CAPRI S.	F-1	P-1	
MERONI	MER-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	MER-3T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	MGA-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	MLM-4	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
MSM	MSM-1	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	
MULT.LOCK	MUL-T2P	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	

®	JMA				
MULTILOCK		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
	MUL-T2P	NEO-DAKKI	F-12B	P-12B	
		XCODE	F-12A		
		XCODE	F-12B	P-12X	
	MUL-T3P1	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
		XCODE	F-12A		
		XCODE	F-12B	P-12X	
	MUL-T3PL	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
	MUL-T4P	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
		XCODE	F-12A		
		XCODE	F-12B	P-12X	
	MUL-T5P	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
	MUL-T7P	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
		XCODE	F-12A		
		XCODE	F-12B	P-12X	

®	JMA				
MULTILOCK	MUL-T8P-1	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
	MUL-T9P-1	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
	MUL-T10P	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
		XCODE	F-12A		
		XCODE	F-12B	P-12X	
	MUL-T11P-1	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
		NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
	MUL-T16P	CAPRI	F-12A	P-12A	
		CAPRI	F-12B	P-12B	
		CAPRI S.	F-12A	P-12A	
		CAPRI S.	F-12B	P-12B	
	MUL-T16P	NEO-DAKKI	F-12A	P-12A	
		NEO-DAKKI	F-12B	P-12B	
	ORIGINAL MT5	XCODE	F-12A		
		XCODE	F-12B	P-12X	
	ORIGINAL INTERACTIVE L / R	XCODE	F-12A		
		XCODE	F-12B	P-12X	
NEIMAN	NE-40	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
		XCODE	F-11W		
	NE-40P-1	CAPRI	F-11	P-11	

						
NEIMAN		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	NE-41P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
	NE-51P2	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
OJMAR	OJ-Q	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
OMEC	OMC-3	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
	OMC-4	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
	OMC-7	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
P&C I.	PCI-1T	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
P.C.	PC-1T	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
	PC-3TP	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
PENZMASH	PEN-2	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
PFAFFENHAIN	PFA-13D	CAPRI	F-34	P-34		AD-PFA
		CAPRI S.	F-34	P-34		AD-PFA
		NEO-DAKKI	F-34	P-34		AD-PFA
	PFA-14D	CAPRI	F-34	P-34		AD-PFA
		CAPRI S.	F-34	P-34		AD-PFA
		NEO-DAKKI	F-34	P-34		AD-PFA
	PFA-15D	CAPRI	F-34	P-34		AD-PFA
		CAPRI S.	F-34	P-34		AD-PFA
		NEO-DAKKI	F-34	P-34		AD-PFA
		XCODE	F-34W			AD-PFA

						
PFAFFENHAIN		CAPRI S.	F-34	P-34		AD-PFA
		NEO-DAKKI	F-34	P-34		AD-PFA
		XCODE	F-34W			AD-PFA
	PFA-16D	CAPRI	F-34	P-34		AD-PFA
		CAPRI S.	F-34	P-34		AD-PFA
		NEO-DAKKI	F-34	P-34		AD-PFA
	ORIGINAL BRAVUS	CAPRI	F-40	P-40		AD-BR
		CAPRI S.	F-40	P-40		AD-BR
		NEO-DAKKI	F-40	P-40		AD-BR
		XCODE	F-40W			AD-BR
PICARD	PIC-1E	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
	PIC-8D	CAPRI	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
POLLUX	POL-3TEC	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
	POL-4E	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
	POL-5TEC	CAPRI	F-8	P-8		
		CAPRI S.	F-8	P-8		FIC-TUB
POTENT	PTN-1D	CAPRI	F-19	P-19		
		CAPRI S.	F-19	P-19		
		NEO-DAKKI	F-19	P-19		
	PTN-2D	CAPRI	F-19	P-19		
		CAPRI S.	F-19	P-19		
		NEO-DAKKI	F-19	P-19		
ROSSETTI	ROSE-1	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
SAAB	SAA-1P1	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-11W			
SEA	SEA-1	CAPRI	F-1	P-1		
		CAPRI S.	F-3	P-3		
		CAPRI S.	F-1	P-1		
		CAPRI S.	F-3	P-3		
		NEO-DAKKI	F-1	P-1		
		NEO-DAKKI	F-3	P-3		
	SEA-2	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		

SEA		CAPRI	F-3	P-3	
		CAPRI S.	F-1	P-1	
		CAPRI S.	F-3	P-3	
		NEO-DAKKI	F-1	P-1	
		NEO-DAKKI	F-3	P-3	
SECUREMME	SEC-1	CAPRI	F-23	P-23	
		CAPRI S.	F-23	P-23	
		NEO-DAKKI	F-23	P-23	
		XCODE	F-23W		
	SEC-2	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	
		XCODE	F-19		
	SEC-3	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	
SECURITAL	SCR-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
SERRALLER	SER-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	SER-3D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
SIDESE	SID-1	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
	SID-2	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
SMART	SMR-1P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
SPIDER	SPI-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	SPI-1D	CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		CAPRI	F-1	P-1	
STS	STS-35	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	

STS		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	STS-36	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
	STS-36	NEO-DAKKI	F-1	P-1	
	STS-37	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-38	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-B1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-T14	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	STS-TV3	XCODE	F-5W		
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-TV5	XCODE	F-1W		
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-TV8	XCODE	F-1W		
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-TV9	XCODE	F-1W		
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	STS-X5	XCODE	F-1W		
		CAPRI	F-5	P-5	AD-ST5
		CAPRI S.	F-5	P-5	AD-ST5
		NEO-DAKKI	F-5	P-5	AD-ST5
	STS-X6	XCODE	F-5W		AD-ST5
		CAPRI	F-5	P-5	AD-ST5
		CAPRI S.	F-5	P-5	AD-ST5
		NEO-DAKKI	F-5	P-5	AD-ST5

®	JMA				
STS		XCODE	F-5W	AD-ST5	
	ORIGINAL CS7 / CSP-7 / CS8	XCODE	F-5W		
	ORIGINAL ST15	XCODE	F-23W	M5	
	ORIGINAL ST8	XCODE	F-5W		
	ORIGINAL ST6	XCODE	F-23W		
SUBARU	SUB-2P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
		XCODE	F-11W		
TARONI	TRO-1	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	TRO-1D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
TECON	TC-1	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W	P-5	
TECSESA	TEC-2	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
TESA	TE-T10	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T10D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T11	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T12PLUS	CAPRI	F-5	P-5	AD-T12P
		CAPRI S.	F-5	P-5	AD-T12P
		NEO-DAKKI	F-5	P-5	AD-T12P

®	JMA				
TESA	TE-T60	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T61	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	TE-T62	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T80	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T80EH	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
	TE-T80SC	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	TE-T82	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
		XCODE	F-5W		
TSAG	SAG-1T	CAPRI S.	F-8W	P-8	FIC-TUB
		CAPRI	F-8W	P-8	
TIBBE	JAU-1P	CAPRI	F-22	P-22	AD-FO
		CAPRI S.	F-22	P-22	AD-FO
		NEO-DAKKI	F-22	P-22	AD-FO
	JAU-2P	CAPRI	F-22	P-22	AD-FO
		CAPRI S.	F-22	P-22	AD-FO
		NEO-DAKKI	F-22	P-22	AD-FO
TITAN	TIT-6	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-6		
TOVER	TOV-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	

TOVER	TOV-4	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-1W		
	TOV-5	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-19		
	TOV-6	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-6		
	TOV-7	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
TOYOTA	TOYO-18P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
		XCODE	F-11W		
	TOYO-30P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	TOYO-30P	XCODE	F-11W		
	TOYO-30P1	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	TOYO-36P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
TRELOCK	TRL-4P	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
TRW-SIPEA	FI-16P	CAPRI	F-33	P-33	
		CAPRI S.	F-33	P-33	
		NEO-DAKKI	F-33	P-33	
		XCODE	F-11W		
	SIP-4P3	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		NEO-DAKKI	F-11	P-11	
	SIP-4P4	CAPRI	F-11	P-11	
		CAPRI S.	F-11	P-11	

TRW-SIPEA		NEO-DAKKI	F-11	P-11	
		XCODE	F-11W		
TSAG	SAG-1T	CAPRI	F-8	P-8	
		CAPRI S.	F-8	P-8	FIC-TUB
T-KEY	TKY-2	NEO-DAKKI	F-1	P-1	
		CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
UCEM	UCEM-13D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	UCEM-17D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	UCEM-5D	CAPRI	F-14	P-14	
		CAPRI S.	F-14	P-14	
		NEO-DAKKI	F-14	P-14	
	UCEM-5I	CAPRI	F-14	P-14	
		CAPRI S.	F-14	P-14	
		NEO-DAKKI	F-14	P-14	
	UCEM-8D	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
	UCEM-8DP	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
UNIVERSAL	TX-2	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
URBIS	URB-3D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
	URB-4D	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
VACHETTE	VA-11	CAPRI	F-43	P-43	30°
	VA-15	CAPRI	F-21	P-21	
		CAPRI S.	F-21	P-21	
		NEO-DAKKI	F-21	P-21	

						
VACHETTE	VA-17P	SARATOGA	FP-11			AD-NEVA
		TITAN	FP-11			AD-NEVA
		BERNA	FP-11			AD-NEVA
		VIENNA	FP-24			AD-NEVA
		EAUTO	FP-11			AD-NEVA
		ECCO	FP-11			AD-NEVA
		EPLUS	FP-11			AD-NEVA
	VA-25	CAPRI	F-21	P-21		15° 19°
		CAPRI S.	F-21	P-21		AD-VA58
	VA-25	NEO-DAKKI	F-21	P-21		AD-VA58
	VA-26	CAPRI	F-21	P-21		15° 19°
		CAPRI S.	F-21	P-21		AD-VA58
		NEO-DAKKI	F-21	P-21		AD-VA58
	VA-27	CAPRI	F-21	P-21		15° 19°
		CAPRI S.	F-21	P-21		AD-VA58
		NEO-DAKKI	F-21	P-21		AD-VA58
		XCODE	F-21			ADV-19
	VA-28	CAPRI	F-21	P-21		15° 19°
		CAPRI S.	F-21	P-21		AD-VA58
		NEO-DAKKI	F-21	P-21		AD-VA58
	VA-56	CAPRI	F-21	P-21		15° 19°
		CAPRI S.	F-21	P-21		AD-VA58
		NEO-DAKKI	F-21	P-21		AD-VA58
	VA-58	CAPRI	F-21	P-21		15° 19°
		CAPRI S.	F-21	P-21		AD-VA58
		NEO-DAKKI	F-21	P-21		AD-VA58
	VA-70	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
	ORIGINAL VRX	CAPRI	F-1	P-1		AD-VAX
		CAPRI S.	F-1	P-1		AD-VAX
		NEO-DAKKI	F-1	P-1		AD-VAX
VALEO	CIT-1P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
		XCODE	F-17W			
	PEU-1C-1	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
	PEU-2C-1	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		

						
VALEO		NEO-DAKKI	F-11	P-11		
	PEU-1P	CAPRI	F-11	P-11		
		CAPRI S.	F-11	P-11		
		NEO-DAKKI	F-11	P-11		
VIRO	VI-14	CAPRI	F-13	P-13		
		CAPRI S.	F-13	P-13		
		NEO-DAKKI	F-13	P-13		
		XCODE	F-19			
WANJIN	WAN-1D	CAPRI	F-5	P-5		
		CAPRI S.	F-5	P-5		
		NEO-DAKKI	F-5	P-5		
WILKA	WIL-22	CAPRI	F-1	P-1		
		CAPRI S.	F-1	P-1		
		NEO-DAKKI	F-1	P-1		
		XCODE	F-1W			
	CARAT P3	CAPRI	F-1	P-1		CP-177
		CAPRI S.	F-1	P-1		CP-177
		NEO-DAKKI	F-1	P-1		CP-177
		XCODE	F-1W			AD-X07
WINKHAUS	WIN-1D	CAPRI	F-15	P-15		
		CAPRI S.	F-15	P-15		P-WIN
		NEO-DAKKI	F-15	P-15		P-WIN
	WIN-1I	CAPRI	F-15	P-15		
		CAPRI S.	F-15	P-15		P-WIN
		NEO-DAKKI	F-15	P-15		P-WIN
	WIN-2D	CAPRI	F-15	P-15		
		CAPRI S.	F-15	P-15		P-WIN
		NEO-DAKKI	F-15	P-15		P-WIN
	WIN-3D	CAPRI	F-15	P-15		
		CAPRI S.	F-15	P-15		P-WIN
		NEO-DAKKI	F-15	P-15		P-WIN
	WIN-4D	CAPRI	F-15	P-15		
		CAPRI S.	F-15	P-15		P-WIN
		NEO-DAKKI	F-15	P-15		P-WIN
	ORIGINAL X-TRA	XCODE	F-13W			M8
WT		XCODE	F-13W			AD-X09
	WT-1	CAPRI	F-33	P-33		
		CAPRI S.	F-33	P-33		
		NEO-DAKKI	F-33	P-33		
	YALE	YA-23	CAPRI	F-11	P-11	AD-JIS
		CAPRI S.	F-11	P-11		AD-JIS

®	JMA				
YALE		NEO-DAKKI	F-11	P-11	AD-JIS
	YA-81	CAPRI	F-19	P-19	
		CAPRI S.	F-19	P-19	
		NEO-DAKKI	F-19	P-19	
		XCODE	F-19	P-19	
	YA-280D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	
	YARDENI	YAR-1	CAPRI	F-13	P-13
			CAPRI S.	F-13	P-13
			NEO-DAKKI	F-13	P-13
			XCODE	F-13W	
		YAR-2	CAPRI	F-13	P-13
			CAPRI S.	F-13	P-13
			NEO-DAKKI	F-13	P-13
			XCODE	F-13W	
		YAR-3	CAPRI	F-13	P-13
			CAPRI S.	F-13	P-13
			NEO-DAKKI	F-13	P-13
			XCODE	F-13W	
ZADI	ZA-10	CAPRI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		NEO-DAKKI	F-1	P-1	
		XCODE	F-5W		
	ZA-14P	CAPRI	F-33	P-33	
		CAPRI S.	F-33	P-33	
		NEO-DAKKI	F-33	P-33	
		XCODE	F-22		

LLAVES ORIGINALES

JATORRIZKO GILTZAK

ORIGINAL KEYS

CLE ORIGINALES

ORIGINALSCHLÜSSEL



LLAVES DE SEGURIDAD

SEGURITATEZKO GILTZAK

SECURITY KEYS

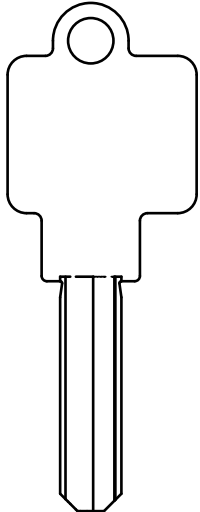
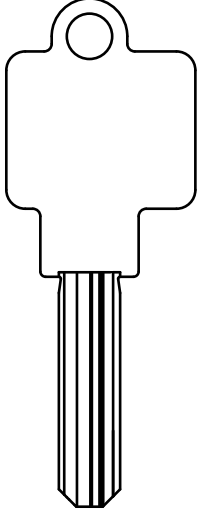
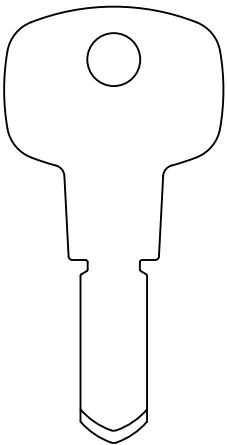
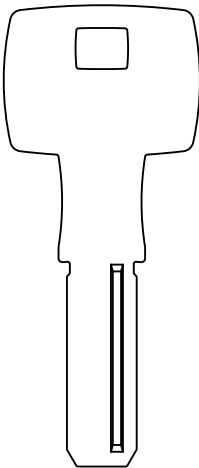
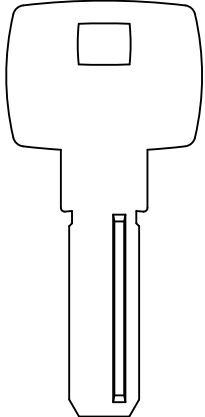
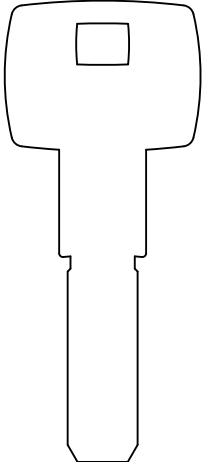
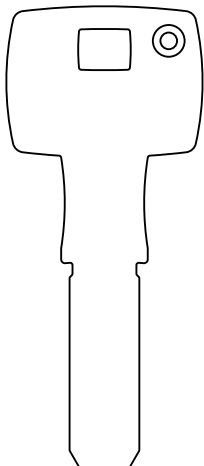
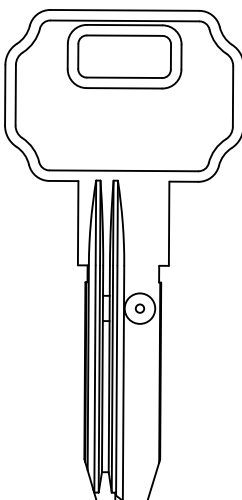
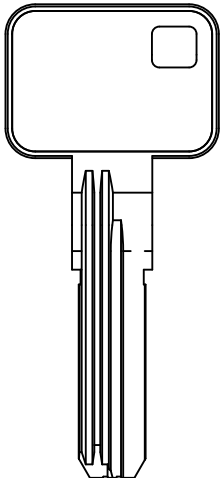
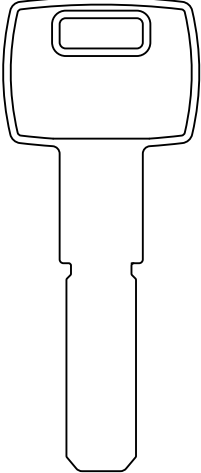
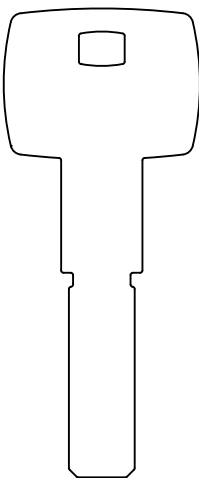
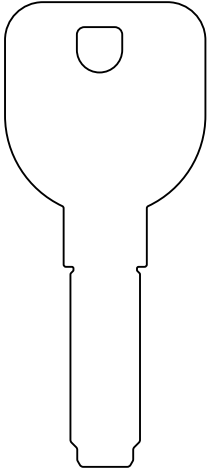
CLES DE SECURITE

SICHERHEITSSCHLÜSSEL

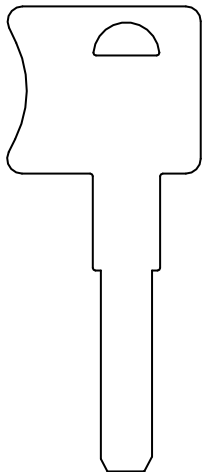
THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

LLAVES DE
SEGURIDAD
SECURITY KEYS

BKS		CES	DOM
  WS50 NW	  WS50 RA RK RZ	  WSM	  IX DAS
DOM			LINCE
  IX5 DAS	  IX6 KG	  IX6 SR	  C2 C3 C4
LINCE		STS	VACHETTE
  C5	 CX6	  ST15	  VRX ORIGINAL

WINKHAUS



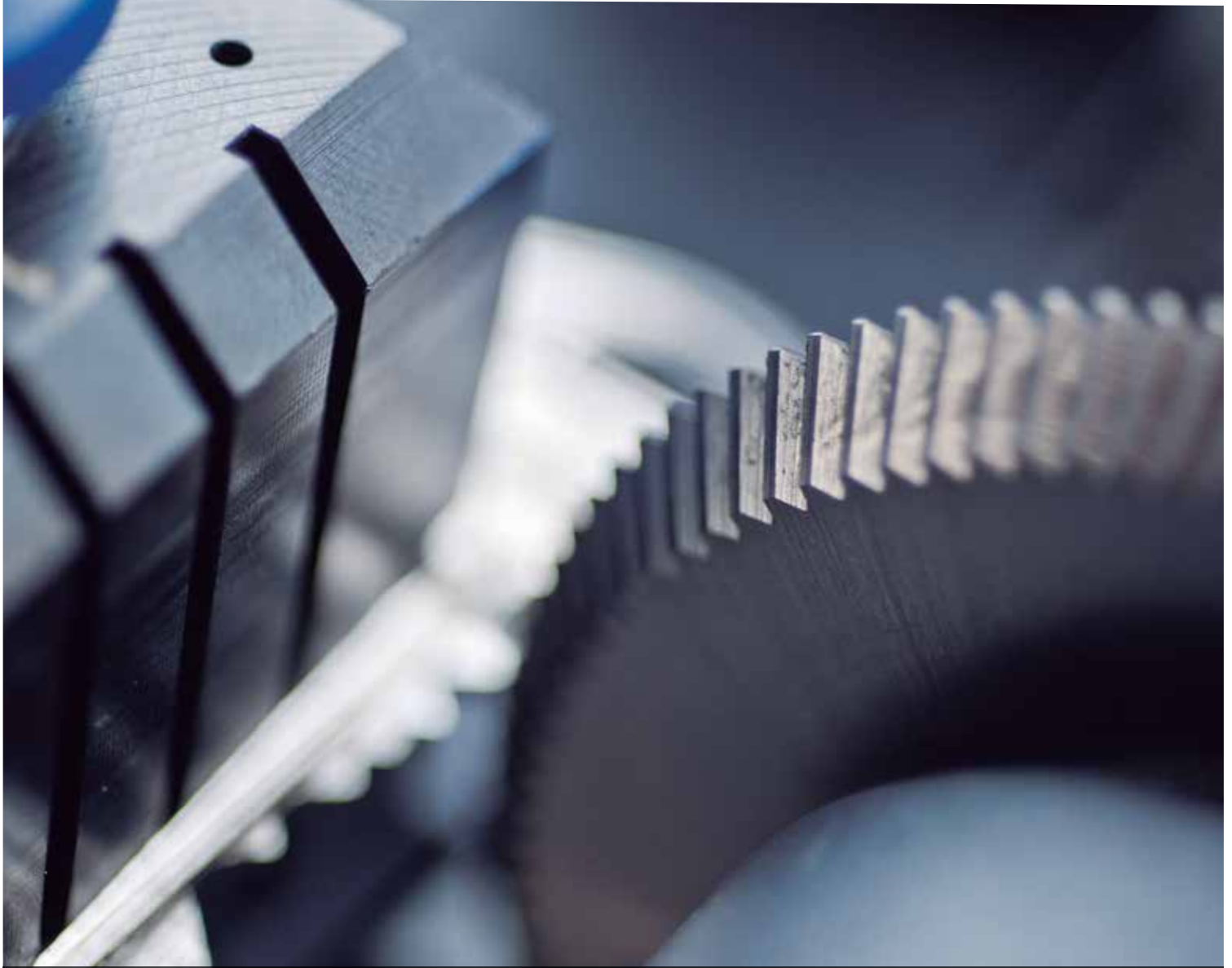
X-TRA ORIGINAL

LLAVES DE
SEGURIDAD
SECURITY KEYS



MÁQUINAS MECÁNICAS

MAKINA MEKANIKOAK
MECHANICAL MACHINES
MACHINES MECANIQUES
MECHANISCHE MASCHINEN



VIENNA - VIENNA S. - VIENNA X. - BERNA
ECCO - ECCO AUTO - ECCO PLUS - SARATOGA - AVANTCODE

PARA LLAVES PLANAS

GILTZA LAUETARAKO
FOR FLAT KEYS
POUR CLE PLATES
FÜR PLANE SCHLÜSSEL

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

MÁQUINAS MACHINES

VIENNA



La VIENNA es la máquina duplicadora de JMA para llaves planas para cilindro, vehículo y llaves cruciformes, diseñada para los profesionales de la duplicación. Nos trae un sistema innovador electrónico que hace que el ajuste de la máquina sea sencillo también para aquellas personas iniciadas en el duplicado, siguiendo unos pasos muy sencillos de ajuste, garantiza óptimos resultados de duplicado.

The VIENNA is the JMA flat key duplicating machine for cylinder locks, vehicle and cruciform keys, designed for key duplicating professionals. The Vienna has an innovative electronic system for easy adjustment of the machine as well as for those with long experience in duplicating, with a few simple steps for adjustment to guarantee optimal duplication results.

VIENNA SMART



La VIENNA SMART es la nueva máquina duplicadora de JMA para llaves planas para cilindro, vehículo y llaves cruciformes, diseñada para los profesionales de la duplicación. Se combinan sencillez y versatilidad a la hora de duplicar llaves planas para cerraduras a cilindro y para vehículos, llaves cruciformes (en cruz) y especiales, gracias a su mordaza de 4 lados.

The VIENNA SMART is the new JMA flat key duplicating machine for cylinder locks, vehicle and cruciform keys, designed for key duplicating professionals. Combining simplicity and versatility in the duplication of flat keys for cylinder locks and for vehicles, cruciform keys (cross-shaped) and special keys, thanks to its 4-sided clamp.

BERNA



BERNA es la máquina duplicadora compacta profesional en el que se combinan sencillez y versatilidad. Las tecnologías y materiales de última generación hacen de ella una máquina duplicadora resistente y precisa en el duplicado.

BERNA is the compact professional model of duplicating machine that combines simplicity and versatility. The latest generation techniques and materials make it a resistant and precise duplicating machine.

VIENNA XCLUSIVE



La VIENNA XCLUSIVE es la máquina duplicadora de JMA para llaves planas para cilindro, vehículo y llaves cruciformes, diseñada para los profesionales de la duplicación. Se trata de la Vienna personalizada con un palpador inclinable para la reproducción de las llaves BRI-10, BRI-11, BRI-12 y mordaza de acero 4 caras amarre M-V-BD especial BRICARD.

VIENNA XCLUSIVE is the flat key duplicating machine for cylinder locks, vehicle and cruciform keys, designed for key duplicating professionals. Fitted with tiltable tracer for duplicating BRI-10, BRI-11, BRI-12 and steel 4-sided jaw M-V-BD special BRICARD.

ECCO



Máquina semiautomática para el duplicado de llaves planas para cerraduras de cilindro y para vehículos, llaves cruciformes (en cruz) y especiales. LA ECCO es la expresión más sencilla de una máquina duplicadora sin perder la precisión en el duplicado. Su fresa con eje directo al motor hacen de ella la versión más económica en la familia de duplicadoras de llaves planas.

Semiautomatic machine for duplicating flat keys for cylinder locks and for vehicles, cruciform keys (cross-shaped) and special keys. The ECCO is the simplest expression of a duplicating machine without losing precision in the duplication. Its cutter directly fitted to the motor axle makes it the most economic model of the flat key duplicator machine family.

ECCO AUTO



Máquina semiautomática para el duplicado de llaves planas para cerraduras de cilindro y para vehículos, llaves cruciformes (en cruz) y especiales. LA ECCO AUTOMATIC es la expresión más sencilla de una máquina duplicadora sin perder la precisión en el duplicado. Su fresa con eje directo al motor hacen de ella la versión más económica en la familia de duplicadoras de llaves planas.

Semiautomatic machine for duplicating flat keys for cylinder locks and for vehicles, cruciform keys (cross-shaped) and special keys. THE ECCO AUTOMATIC is the simplest expression of a duplicating machine without losing precision in the duplication. Its cutter directly fitted to the motor axle makes it the most economic model of the flat key duplicator machine family.

ECCO PLUS



Máquina semiautomática para el duplicado de llaves planas para cerraduras de cilindro y para vehículos, llaves cruciformes (en cruz) y especiales. LA ECCO PLUS es la expresión más sencilla de una máquina duplicadora sin perder la precisión en el duplicado. Su fresa con eje directo al motor hacen de ella la versión más económica en la familia de duplicadoras de llaves planas.

Semiautomatic machine for duplicating flat keys for cylinder locks and for vehicles, cruciform keys (cross-shaped) and special keys. The ECCO PLUS is the simplest expression of a duplicating machine without losing precision in the duplication. Its cutter directly fitted to the motor axle makes it the most economic model of the flat key duplicator machine family.

SARATOGA



Máquina duplicadora mixta de llaves planas, cruciformes, y por otro lado gorja de un paletón y doble paletón, frontales y especiales, pudiendo duplicar otros modelos de llaves con sus carros opcionales como regata, FORD®, ABLOY®. La Saratoga es una máquina robusta, sólida y fiable. Estas características y su versatilidad, hacen de ella una máquina indispensable en cualquier punto de duplicado.

Mixed duplicating machine for flat keys, cruciform keys, and also for single and double bit keys, frontal and special keys, being able to duplicate other models of keys with its optional carriages like channel, FORD® and ABLOY® keys. The Saratoga is a strong, solid and reliable machine. These characteristics and its versatility have made it a necessary machine for any duplicating point.

AVANTCODE



Avantcode es la máquina electrónica de nueva generación más avanzada JMA para duplicar llaves de cilindro y vehículos, que permite el dentado de llaves de un lado y doble lado de mecanizado. Su velocidad y robustez garantiza la calidad óptima de corte al duplicar las llaves.

Avantcode is JMA's most advanced new generation electronic machine for duplicating cylinder and car keys that allows the bitting of keys with single or double sided machining. Its speed and strength guarantee the optimal quality of the cut when duplicating keys.

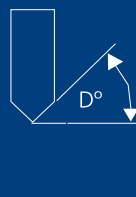
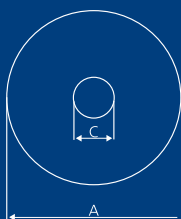


FRESAS CUTTERS

CODE	AXBXC	D	E	PALP.	PARA-FOR	MAT
FP-1	25x10x10	50	0		OREGON	HSS
FP-2W	40x6x10	35	0,1		VIRGINIA	W
FP-3	50x6x12	45	0,15		KIS	HSS
FP-4	53x6,3x12	45	0,1		KIS	HSS
FP-5	57x5x12,7	45	0,15		JMA	HSS
FP-6	60x5x12,7	42	0,1		SPRINT	HSS
FP-11	63x5x16	42	0,15		ECCO-ECCO PLUS-ECCO AUTO-MATIC	HSS
FP-12	63x5x16	40	0,1		TUCSON	HSS
FP-13	63x5x16-150D	42	0,1		DALLAS	HSS
FP-14	70x13x7	45	0		LINCE CE-2	HSS
FP-15	70x13x7-110	55	0		LINCE CM-1	HSS
FP-16	70x5,25x16	40	0,1		PROCEDURE	HSS
FP-16W	70x5,25x16	40	0,1		PROCEDURE-AVANTCODE	W
FP-24	80x5x16	42	0,15		BERNA- VIENNA-VIENNA S. DAKOTA EXTRA-SARATOGA-NEVADA-DENVER-TITAN-TITAN MASTER-	HSS
FP-25	80x5x16,30	42,3	0,15		LINCE CA-3	HSS
FP-32	63x2,4x16	45	0,5		ECCO-ECCO PLUS MEXICO - LATÓN	HSS
FP-41	80x8x16	50	1,2	P-81	C.CLAMP FB-489 SPECIAL	HSS
FP-42	80x8x16	45	0,85	P-82	C.CLAMP RU-488 SPECIAL	HSS
FP-43	80x8x16	45	1,55	P-83	C.CLAMP TE-476 SPECIAL	HSS
FP-44	80x8x16	52,5	0,15	P-84	C.CLAMP AB-744 SPECIAL	HSS
FP-46	80x8x16	45		P-86	C.CLAMP BA-570 SPECIAL	HSS
FP-49	80x8x16	45	0,4	P-89	C.CLAMP UNIVERSAL 90°	HSS
FP-50	80x8x16	50	0,4	P-90	C.CLAMP UNIVERSAL 100°	HSS

CEPILLOS BRUSHES

CODE	F	PARA-FOR
C-1	60x10	BOSTON
C-2	75x10	CE-2
C-3	75x13	VIENNA S.DAKOTA-DAKOTA-EXTRA
C-4	80x10	DAKOTA ANTIGUA-NEVADA-KANSAS-DENVER
C-5	100x13	SARATOGA-YAKARTA
C-6	65x13	ECCO-PLUS-ECCO-BIT-BERNA
C-7	75x13 (Nylon)	PROCEDURE - SENNA - VIENNA



SIMBOLOGÍA SYMBOLS

W

Fresa de metal duro
Metal gogorreko fresa
Hard metal cutters
Fraise en métal dur
Fräsen für Hartmetall

HSS

Acero extra rápido
Altzairu estra azkarra
High-speed steel
Acier extra rapide
Extraschneller Stahl



Espesor
Lodiera
Thickness
Épaisseur
Stärke



Diámetro interior
Barnealdeko diametroa
Internal diameter
Alésage
Innen-Durchmesser



Ángulo de corte
Ebaketa-angelua
Cutting angle
Angle de coupe
Schnittwinkel



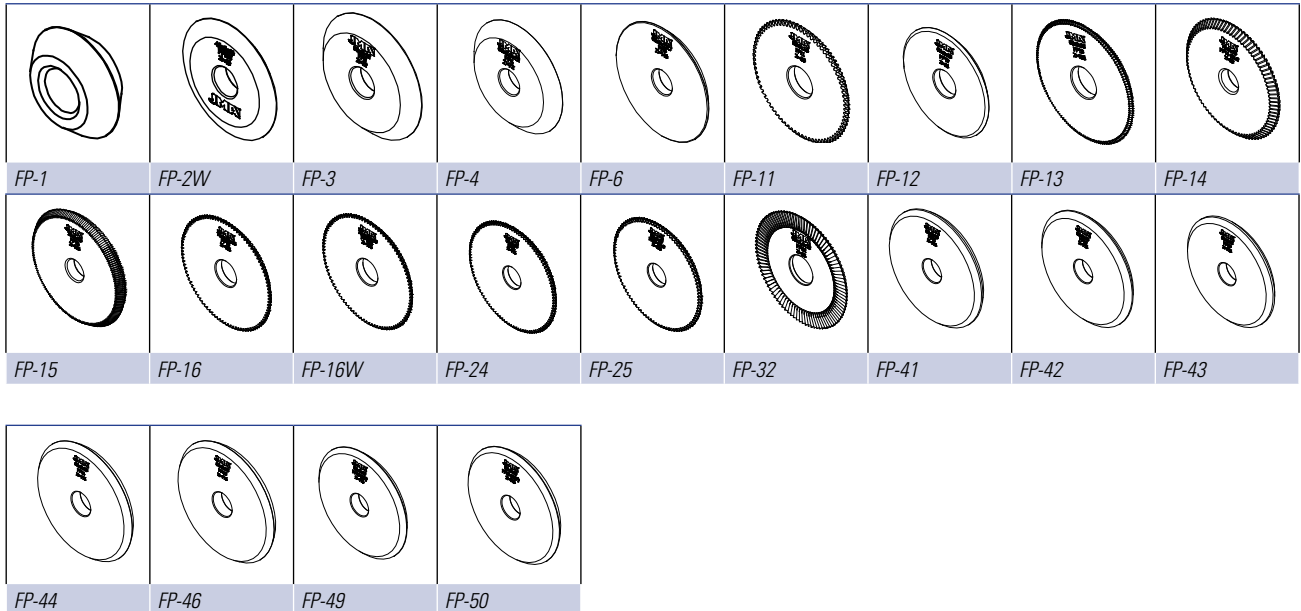
Parte llana ángulo de corte
Ebaketa-angeluko alde laua
Flat part cutting angle
Partie plate angle de coupe
Flacher Teil, Schnittwinkel



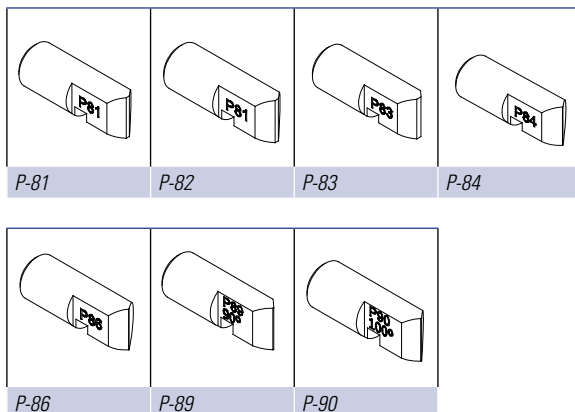
Diámetro externo
Kanpoaldeko diametroa
External diameter
Diamètre extérieur
Aussen-Durchmesser



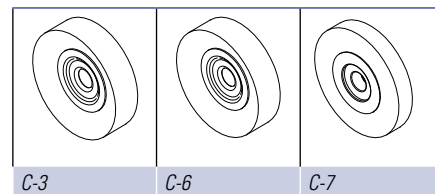
FRESAS CUTTERS



PALPADORES TRACERS

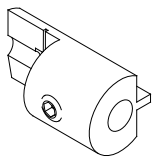
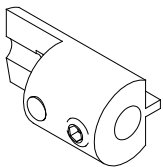
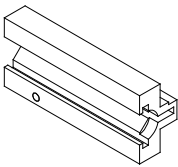
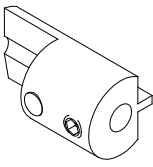
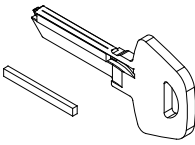
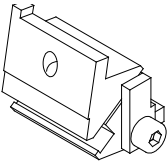
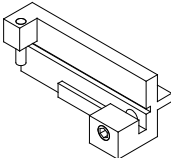
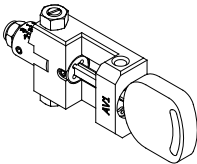
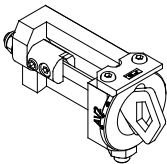
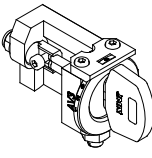
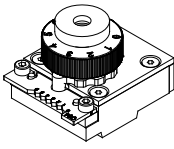
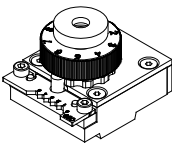


CEPILLOS BRUSHES

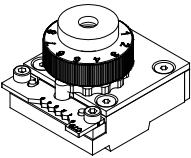
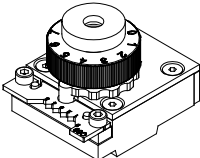
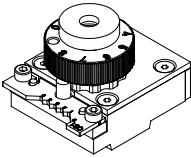
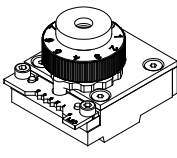
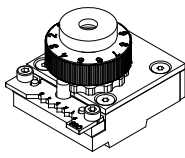
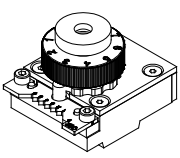


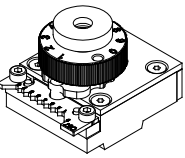
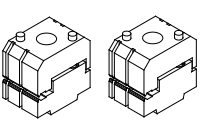
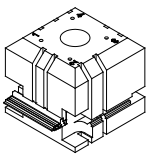
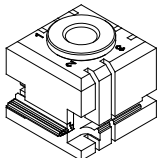


ADAPTADORES ADAPTORS

					
AD-ALA-1X	AD-BLU-1X	AD-BRI-3X	AD-BUR-5X	AD-D12	AD-P0
					
AD-SIX	AV1	AV2	AV3	C.CLAMP AB-744	C.CLAMP AZ-507

ADAPTADOR	VIENNA	VIENNA SMART	BERNA	ECCO	ECCO PLUS	ECCO AUTO	SARATOGA	AVANTCODE	PROCEDURE
AD-ALA-1X	X	X	X	X	X		X		
AD-BLU-1X	X	X	X	X	X		X		
AD-BRI-3X	X	X	X	X	X		X		
AD-BUR-5X	X	X	X	X	X		X		
AD-D12	X	X	X	X	X	X	X	X	X
AD-P0	X	X	X	X	X		X		
AD-SIX	X	X	X	X	X		X	X	
AV1								X	
AV2								X	
AV3								X	
C.CLAMP AB-744		X	X				X		
C.CLAMP AZ-507		X	X				X		

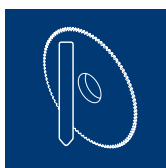
					
<i>C.CLAMP BA-570</i>	<i>C.CLAMP DO-716</i>	<i>C.CLAMP FB-489</i>	<i>C.CLAMP MCM-506</i>	<i>C.CLAMP TE-476</i>	<i>C.CLAMP RU-488</i>

			
<i>C.CLAMP RU-808</i>	<i>M-2L-S</i>	<i>MP-1-RS8</i>	<i>MP2</i>

ADAPTADOR	VIENNA	VIENNA SMART	BERNA	ECCO	ECCO PLUS	ECCO AUTO	SARATOGA	AVANTCODE	PROCEDURE
<i>C.CLAMP BA-570</i>		X	X				X		
<i>C.CLAMP DO-716</i>		X	X				X		
<i>C.CLAMP FB-489</i>		X	X				X		
<i>C.CLAMP MCM-506</i>		X	X				X		
<i>C.CLAMP RU-808</i>		X	X				X		
<i>C.CLAMP RU-488</i>		X	X				X		
<i>C.CLAMP TE-476</i>		X	X				X		
<i>M-2L-S</i>				X	X				
<i>MP-1-RS8</i>								X	
<i>MP2</i>									X
<i>M-SOF</i>	X	X	X				X		
<i>MW</i>	X	X	X			X	X		



MÁQUINA PARA LLAVES PLANA
GILTZA LAUETARAKO MAKINAK
MACHINES FOR FLAT KEYS
MACHINES POUR CLES PLATES
MASCHINEN FÜR PLANE SCHLÜSSEL



FRESAS
FRESAK
CUTTERS
FRAISES
FRÄSEN



PALPADORES
HAZTAGAILUAK
TRACERS
PALPEURS
FÜHLER



ACCESORIOS
OSAGARRIAK
ACCESSORIES
ADAPTATEURS
ZUBEHÖR

VIENNA

VIENNA

VIENNA S.

VIENNA SMART

VIENNA X.

VIENNA XCLUSIVE

BERNA

BERNA

ECCO

ECCO

EPLUS

ECCO PLUS

EAUTO

ECCO AUTO

AVANTCODE

AVANTCODE

PROCEDURE

PROCEDURE

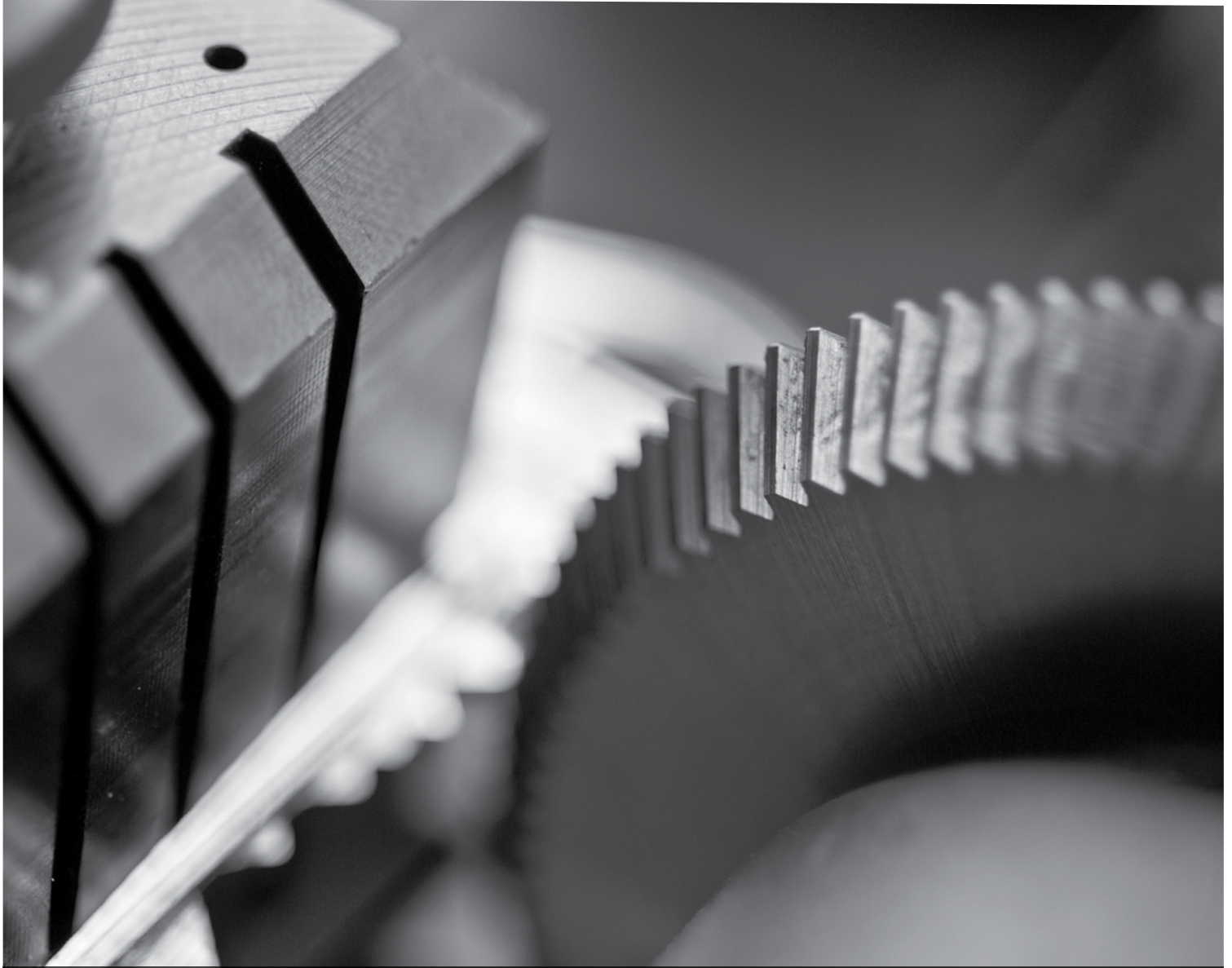
FICHA ESPECIALISTA

ESPEZIALISTAREN FITXA

SPECIALIST FILE

FICHE SPÉCIALISÉE

DATENBLATT FÜR FACHLEUTE



VIENNA - VIENNA S. - VIENNA X. - BERNA

ECCO - ECCO AUTO - ECCO PLUS - SARATOGA - AVANTCODE

PARA LLAVES PLANAS

GILTZA LAUETARAKO

FOR FLAT KEYS

POUR CLE PLATES

FÜR PLANE SCHLÜSSEL

THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

®	JMA				
ABLOY	ABL-1	AVANTCODE	FP-27W		AV2
	ABL-2	AVANTCODE	FP-27W		AV2
	ABL-3	AVANTCODE	FP-27W		AV2
	ABL-4	AVANTCODE	FP-27W		AV2
ABUS	ABU-29P	AVANTCODE	FP-27W		AV3
	ORIGINAL XP/SP	SARATOGA	FP-44	P-84	C.CLAMP AB-744
		VIENNA	FP-44	P-84	C.CLAMP AB-744
		VIENNA S.	FP-44	P-84	C.CLAMP AB-744
		BERNA	FP-44	P-84	C.CLAMP AB-744
ALA	ALA-1X	SARATOGA			AD-ALA-1X
		VIENNA			AD-ALA-1X
		VIENNA S.			AD-ALA-1X
		BERNA			AD-ALA-1X
		ECCO			AD-ALA-1X
		EPLUS			AD-ALA-1X
		EAUTO			AD-ALA-1X
ASSA / RUKO / TRIO-VING	ORIGINAL D12	SARATOGA			AD-D12
		VIENNA			AD-D12
		VIENNA S.			AD-D12
		BERNA			AD-D12
		ECCO			AD-D12
		EPLUS			AD-D12
		EAUTO			AD-D12
AZBE	AZ-1D	SARATOGA	FP-49	P-89	C.CLAMP AZ-507
		VIENNA	FP-49	P-89	C.CLAMP AZ-507
		VIENNA S.	FP-49	P-89	C.CLAMP AZ-507
		BERNA	FP-49	P-89	C.CLAMP AZ-507
	AZ-1I	SARATOGA	FP-49	P-89	C.CLAMP AZ-507
		VIENNA	FP-49	P-89	C.CLAMP AZ-507
		VIENNA S.	FP-49	P-89	C.CLAMP AZ-507
		BERNA	FP-49	P-89	C.CLAMP AZ-507
	AZ-17D	SARATOGA	FP-49	P-89	C.CLAMP AZ-507
		VIENNA	FP-49	P-89	C.CLAMP AZ-507
		VIENNA S.	FP-49	P-89	C.CLAMP AZ-507
		BERNA	FP-49	P-89	C.CLAMP AZ-507
BASI	BA-1D	SARATOGA	FP-46	P-86	C.CLAMP BA-570

®	JMA				
BASI		VIENNA	FP-46	P-86	C.CLAMP BA-570
		VIENNA S.	FP-46	P-86	C.CLAMP BA-570
		BERNA	FP-46	P-86	C.CLAMP BA-570
BLUMA	BLU-1X	SARATOGA			AD-BLU-1X
		VIENNA			AD-BLU-1X
		VIENNA S.			AD-BLU-1X
		BERNA			AD-BLU-1X
		ECCO			AD-BLU-1X
		EPLUS			AD-BLU-1X
		EAUTO			AD-BLU-1X
BRICARD	BRI-10	VIENNA EX.			
	BRI-12	VIENNA EX.			
	BRI-3X	SARATOGA			AD-BRI-3X
		VIENNA			AD-BRI-3X
		VIENNA EX.			
		VIENNA S.			AD-BRI-3X
		BERNA			AD-BRI-3X
BURG	BUR-4X	SARATOGA			AD-BLU-1X
		VIENNA			AD-BLU-1X
		VIENNA S.			AD-BLU-1X
		BERNA			AD-BLU-1X
		ECCO			AD-BLU-1X
		EPLUS			AD-BLU-1X
		EAUTO			AD-BLU-1X
	BUR-5X	SARATOGA			AD-BUR-5X
		VIENNA			AD-BUR-5X
		VIENNA S.			AD-BUR-5X
		BERNA			AD-BUR-5X
		ECCO			AD-BUR-5X
DOM	ORIGINAL RS8	SARATOGA	FP-49	P-89	C.CLAMP DO-716
		VIENNA	FP-49	P-89	C.CLAMP DO-716
		VIENNA S.	FP-49	P-89	C.CLAMP DO-716
		BERNA	FP-49	P-89	C.CLAMP DO-716
		AVANTCODE			MP-1-RS8

					
DOM	PROCEDURE				MP2
FAB	F-B-2D	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-2I	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-4	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-5	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-6	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-7	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-8	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-9	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489

					
FAB	F-B-10	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-11	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-12	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-13	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-14	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-15	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-16	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-17	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-18	SARATOGA	FP-50	P-90	C.CLAMP FB-489

					
FAB		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-26	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-27	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-28	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-29	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-30	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
	F-B-32	SARATOGA	FP-50	P-90	C.CLAMP FB-489
		VIENNA	FP-50	P-90	C.CLAMP FB-489
		VIENNA S.	FP-50	P-90	C.CLAMP FB-489
		BERNA	FP-50	P-90	C.CLAMP FB-489
FIAM	FM-1X	SARATOGA			AD-ALA-1X
		VIENNA			AD-ALA-1X
		VIENNA S.			AD-ALA-1X
		BERNA			AD-ALA-1X
		ECCO			AD-ALA-1X
		EPLUS			AD-ALA-1X
		EAUTO			AD-ALA-1X

FORD	FO-6P	AVANTCODE	FP-27W		AV1
GE GE	GE-2 Pextra Flex	SARATOGA	FP-49	P-89	C.CLAMP RU-808
		VIENNA	FP-49	P-89	C.CLAMP RU-808
		VIENNA S.	FP-49	P-89	C.CLAMP RU-808
		BERNA	FP-49	P-89	C.CLAMP RU-808
HUF	PO-1P	SARATOGA			AD-PO
		VIENNA			AD-PO
		VIENNA S.			AD-PO
		BERNA			AD-PO
		ECCO			AD-PO
		EPLUS			AD-PO
		EAUTO			AD-PO
	PO-2P	SARATOGA			AD-PO
		VIENNA			AD-PO
		VIENNA S.			AD-PO
		BERNA			AD-PO
		ECCO			AD-PO
		EPLUS			AD-PO
		EAUTO			AD-PO
MCM	MCM-13D	SARATOGA	FP-49	P-89	C.CLAMP MCM-506
		VIENNA	FP-49	P-89	C.CLAMP MCM-506
		VIENNA S.	FP-49	P-89	C.CLAMP MCM-506
		BERNA	FP-49	P-89	C.CLAMP MCM-506
	MCM-18D	SARATOGA	FP-49	P-89	C.CLAMP MCM-506
		VIENNA	FP-49	P-89	C.CLAMP MCM-506
		VIENNA S.	FP-49	P-89	C.CLAMP MCM-506
		BERNA	FP-49	P-89	C.CLAMP MCM-506
	MCM-30	SARATOGA	FP-49	P-89	C.CLAMP MCM-506
		VIENNA	FP-49	P-89	C.CLAMP MCM-506
		VIENNA S.	FP-49	P-89	C.CLAMP MCM-506
		BERNA	FP-49	P-89	C.CLAMP MCM-506
MIWA	MIW-2	SARATOGA			MW
		VIENNA			MW
		VIENNA S.			MW
		BERNA			MW
		ECCO			MW

					
MIWA		EPLUS			MW
		EAUTO			MW
	MIW-3	SARATOGA			MW
		VIENNA			MW
		VIENNA S.			MW
		BERNA			MW
		ECCO			MW
		EPLUS			MW
		EAUTO			MW
		MIW-4	SARATOGA		
	VIENNA				MW
	VIENNA S.				MW
	BERNA				MW
	ECCO				MW
	EPLUS				MW
	EAUTO				MW
MSV	MSV-1		SARATOGA		
		VIENNA			M-SOF
		VIENNA S.			M-SOF
		BERNA			M-SOF
		ECCO			M-SOF
		EPLUS			M-SOF
		EAUTO			M-SOF
		MSV-2	SARATOGA		
	VIENNA				M-SOF
	VIENNA S.				M-SOF
	BERNA				M-SOF
	ECCO				M-SOF
	EPLUS				M-SOF
	EAUTO				M-SOF
RUKO	RU-11D	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488
	RU-12D	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488

					
RUKO	RU-14D	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488
	RU-5D	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488
	RU-5I	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488
	RU-6I	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488
	RU-9D	SARATOGA	FP-49	P-89	C.CLAMP RU-488
		VIENNA	FP-49	P-89	C.CLAMP RU-488
		VIENNA S.	FP-49	P-89	C.CLAMP RU-488
		BERNA	FP-49	P-89	C.CLAMP RU-488
RU-9I	SARATOGA	FP-49	P-89	C.CLAMP RU-488	
	VIENNA	FP-49	P-89	C.CLAMP RU-488	
	VIENNA S.	FP-49	P-89	C.CLAMP RU-488	
	BERNA	FP-49	P-89	C.CLAMP RU-488	
SIMPLEX	SIX-3P	SARATOGA			AD-SIX
		VIENNA			AD-SIX
		VIENNA S.			AD-SIX
		BERNA			AD-SIX
		ECCO			AD-SIX
		EPLUS			AD-SIX
		EAUTO			AD-SIX
SOFER	SOF-1	SARATOGA			M-SOF
		VIENNA			M-SOF
		VIENNA S.			M-SOF
		BERNA			M-SOF

					
SOFER		ECCO			M-2L-S
		EPLUS			M-2L-S
		EAUTO			M-SOF
	SOF-2	SARATOGA			M-SOF
		VIENNA			M-SOF
		VIENNA S.			M-SOF
		BERNA			M-SOF
		ECCO			M-SOF
		EPLUS			M-2L-S
		EAUTO			M-SOF
TESA	TE-81	SARATOGA	FP-49	P-89	C.CLAMP TE-476
		VIENNA	FP-49	P-89	C.CLAMP TE-476
		VIENNA S.	FP-49	P-89	C.CLAMP TE-476
		BERNA	FP-49	P-89	C.CLAMP TE-476
	TE-23	SARATOGA	FP-49	P-89	C.CLAMP TE-476
		VIENNA	FP-49	P-89	C.CLAMP TE-476
		VIENNA S.	FP-49	P-89	C.CLAMP TE-476
		BERNA	FP-49	P-89	C.CLAMP TE-476
	TE-28	SARATOGA	FP-49	P-89	C.CLAMP TE-476
		VIENNA	FP-49	P-89	C.CLAMP TE-476
		VIENNA S.	FP-49	P-89	C.CLAMP TE-476
		BERNA	FP-49	P-89	C.CLAMP TE-476

LLAVES ORIGINALES

JATORRIZKO GILTZAK
ORIGINAL KEYS
CLE ORIGINALES
ORIGINALSCHLÜSSEL

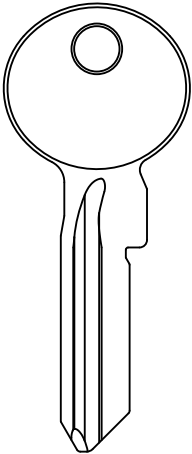
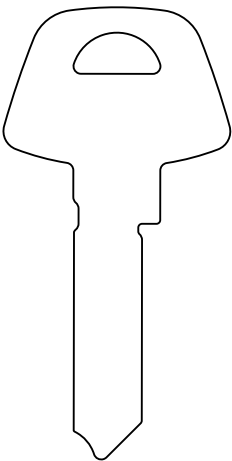
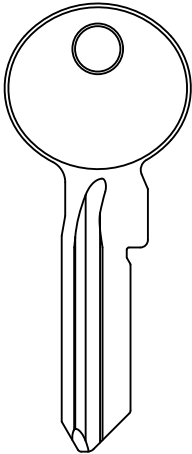
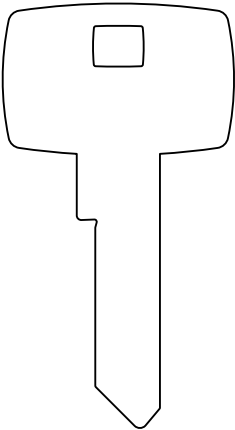


LLAVES PLANAS

GILTZA LAUAK
FLAT KEYS
CLES PLATES
PLANE SCHLÜSSEL

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

**LLAVES
PLANAS
FLAT KEYS**

ABUS	ASSA	CISA	DOM-DORMA
			
 ABUS XP	 D12	 CISA SP	 RS8 ORIGINAL



MÁQUINAS MECÁNICAS

MAKINA MEKANIKOAK
MECHANICAL MACHINES
MACHINES MECANIQUES
MECHANISCHE MASCHINEN



SENA - SARATOGA- TITAN BIT
ECCO BIT - ECCORG - ECCOFORD - ECCOABLOY

PARA LLAVES DE GORJA

GORJA-GILTZETARAKO
FOR BIT KEYS
POUR CLES À GORGES
FÜR DOPPELBARTSCHLÜSSEL

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

MÁQUINAS MACHINES

SENA



La SENA es la máquina duplicadora de JMA para llaves de gorja de simple y doble paletón, frontales y ranuras verticales, todo ello con un único carro. Dispone de un palpador (intercambiable) con ajuste micrométrico para su ajuste preciso. Utilizando una misma palanca se realiza los movimientos X e Y del carro, el cual está guiado por patines con rodillos.

The SENA is the JMA duplicating machine for bit keys with single and double bits, frontal and vertical channel keys, all on the same carriage. It has a tracer (interchangeable) with micrometric adjustment for precision using the same lever it makes X and Y movements of the carriage, which is guided by bearings on rollers.

SARATOGA



Máquina duplicadora mixta de llaves planas, cruciformes, y por otro lado gorja de un paletón y doble paletón, frontales y especiales, pudiendo duplicar otro modelos de llaves con sus carros opcionales como regata, FORD®, ABLOY®. La Sataroga es una máquina robusta, sólida y fiable. Estas características y su versatilidad hacen de ella una máquina indispensable en cualquier punto de duplicado.

Mixed duplicating machine for flat keys, cruciform keys, and also for single and double bit keys, frontal and special keys, being able to duplicate other models of keys with its optional carriages like channel, FORD® and ABLOY® keys. The Saratoga is a strong, solid and reliable machine. These characteristics and its versatility have made it a necessary machine for any duplicating point.

TITAN BIT



Máquina duplicadora de las llaves de gorja, de un paletón y doble paletón, frontales y especiales.

Bit-key duplicating machine for single and double bit keys, frontal and special keys.

ECCO BIT



Máquina económica semiautomática para el duplicado de llaves de gorja, de un paletón y de doble paletón, frontales y especiales. La máquina se convierte en muy versátil gracias a sus diferentes carros opcionales que te permiten duplicar llaves tipo Abloy (ABL-E), Ford (FD-E) y regata (RG-E).

Semiautomatic versatile machine for bit keys, single and double bit keys, frontal and special keys. A versatile machine with different optional carriages to allow the duplication of Abloy keys (ABL-E), Ford keys (FD-E) and regata Keys (RG-E).

ECCORG



Máquina semiautomática para llaves de gorja de tipo regata, dispone además de otros carros opcionales para llaves de gorja de un paletón y doble paletón (BIT-E) llaves Abloy (ABL-E) y Ford (FD-E).

Special machine for Regata keys. In addition, this machine has optional carriages for BIT keys (BIT-E), Abloy Keys (ABL-E) and Ford (FD-E).

ECCO FORD



Máquina semiautomática para llaves de gorja de tipo regata. Máquina especial para el duplicado a código de llaves FO-6.P. Además, esta máquina dispone de carros opcionales para el duplicado de llaves de gorja (BIT-E), Abloy (ABL-E) y Regata (RG-E).

A Machine specifically designed for the duplication of Ford FO-6.P keys to code. In addition, this machine has optional carriages for BIT keys (BIT-E), Abloy (ABL-E) and Race (RG-E).

ECCOABLOY



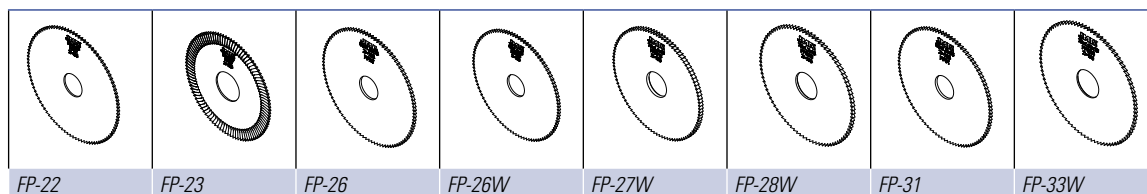
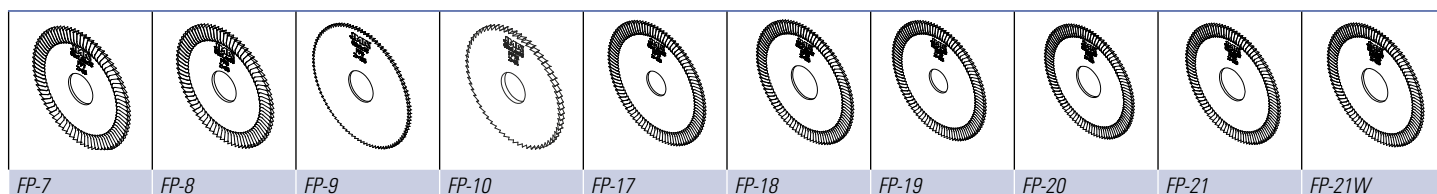
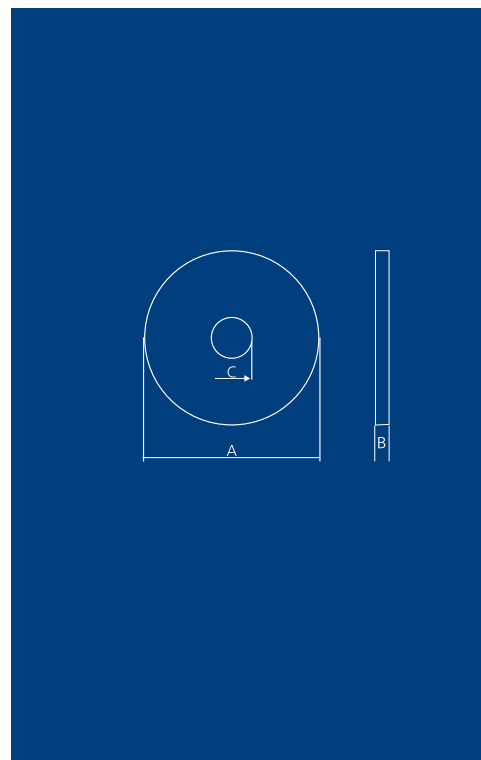
Máquina especial para el duplicado de llaves denominadas tipo Abloy. Además, esta máquina dispone de carros opcionales para el duplicado de llaves de gorja (BIT-E), Ford (FD-E) y Regata (RG-E).

Special machine for Abloy Keys. In addition, this machine has optional carriages for BIT keys (BIT-E), Ford (FD-E) and Regata (RG-E).



FRESAS CUTTERS

CODE	AXBXC	Cor. Lateral Side Cut	PALP.	PARA-FOR	MAT
FP-7	63x1,25x16	X	PP-7	ECCO BIT-DETROIT	HSS
FP-8	63x1,4x16	X	PP-8	ECCO BIT-DETROIT	HSS
FP-9	63x1x16		PP-9	ECCO BIT	HSS
FP-10	63x2,4x16		PP-10	ECCO FORD-ECCO ABLOY-PASA-DENA-NEBRASCA	HSS
FP-17	80x1,25x16	X		SARATOGA-YAKARTA-TITAN BIT	HSS
FP-18	80x1,25x22	X		ATLANTA-TOPEKA	HSS
FP-19	80x1,4x16	X		SARATOGA-YAKARTA-TITAN BIT-DAKOTA G	HSS
FP-20	80x1,4x22	X		ATLANTA-TOPEKA	HSS
FP-21	80x1,5x22	X		DUPLEX-ATLANTA-TOPEKA-KANSAS	HSS
FP-21W	80x1,5x22	X		DUPLEX-ATLANTA-TOPEKA-KANSAS	W
FP-22	80x1x16			SARATOGA-DAKOTA G-TITAN BIT	HSS
FP-23	80x1x22	X		DUPLEX-ATLANTA-TOPEKA	HSS
FP-26	80x1,5x16			SARATOGA-YAKARTA-DAKOTA-G-SENNA	HSS
FP-26W	80x1,5x16			SARATOGA-YAKARTA-DAKOTA-G-SENNA	W
FP-27W	70x2,4x16			AVANTCODE	W
FP-28W	70x1,7x16			AVANTCODE	W
FP-31	80x1,6x16			SARATOGA-DAKOTA G-TITAN BIT	HSS
FP-33W	70x1,25x16			AVANTCODE	W



SIMBOLOGÍA SYMBOLS

W

Fresa de metal duro
Metal gogorreko fresa
Hard metal cutters
Fraise en métal dur
Fräsen für Hartmetall

HSS

Acero extra rápido
Altzairu estra azkarra
High-speed steel
Acier extra rapide
Extraraschneller Stahl



Espesor
Lodiera
Thickness
Épaisseur
Stärke



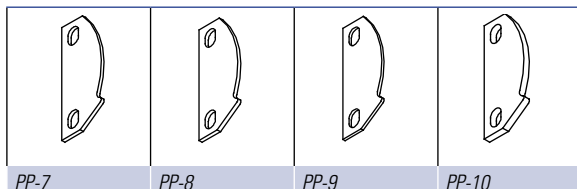
Diámetro externo
Kanpoaldeko diametroa
External diameter
Diamètre extérieur
Aussen-Durchmesser



Diámetro interior
Barnealdeko diametroa
Internal diameter
Alésage
Innen-Durchmesser



PALPADORES TRACERS



PP-7

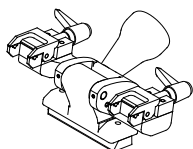
PP-8

PP-9

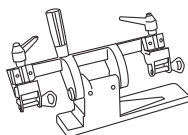
PP-10



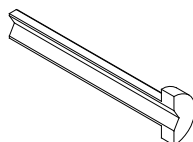
ADAPTADORES ADAPTORS



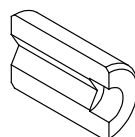
ABL-E



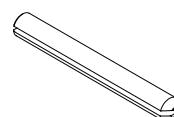
ABL-S



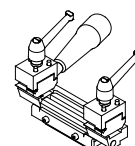
AD-ADL



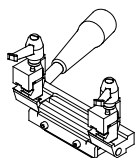
AD-DEN



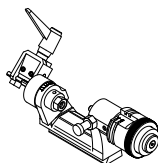
AD-LLP



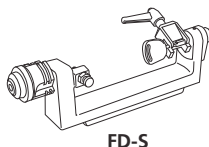
BIT-E



BIT-UK

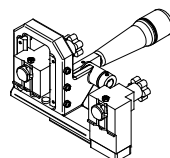


FD-E

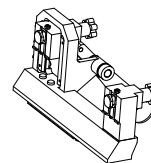


FD-S

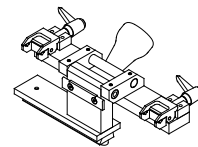
FD-S



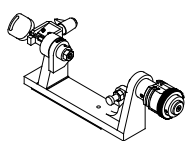
RG-E



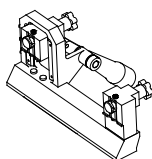
RG-S



TIB-ABL

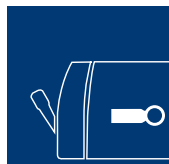


TIB-FD

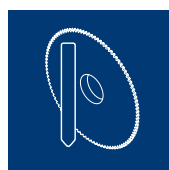


TIB-RG

ADAPTADOR	ECCO BIT	SARATOGA	SENA	TITAN-BIT
ABL-E	X			
ABL-S		X		
AD-ADL			X	
AD-DEN			X	
AD-LLP		X	X	X
BIT-E	X			
BIT-UK	X			
FD-E	X			
FD-S		X		
RG-E	X			
RG-S		X		
TIB-ABL				X
TIB-FD				X
TIB-RG				X



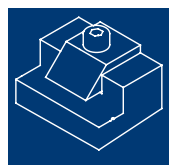
MÁQUINA PARA LLAVES GORJA
 GORJA-GILTZETARAKO MAKINAK
 MACHINES FOR BIT KEYS
 MACHINES POUR CLES A GORGES
 MASCHINEN FÜR DOPPELBARTSCHLÜSSEL



FRESAS
 FRESAK
 CUTTERS
 FRAISES
 FRÄSEN



PALPADORES
 HAZTAGAILUAK
 TRACERS
 PALPEURS
 FÜHLER



ACCESORIOS
 OSAGARRIAK
 ACCESSORIES
 ADAPTATEURS
 ZUBEHÖR

SARATOGA

SARATOGA

SENA

SENA

EBIT

ECCO BIT

EABLOY

ECCO ABLY

EFORD

ECCO FORD

EFORD

ECCO REGATA

TITAN BIT

TITAN BIT

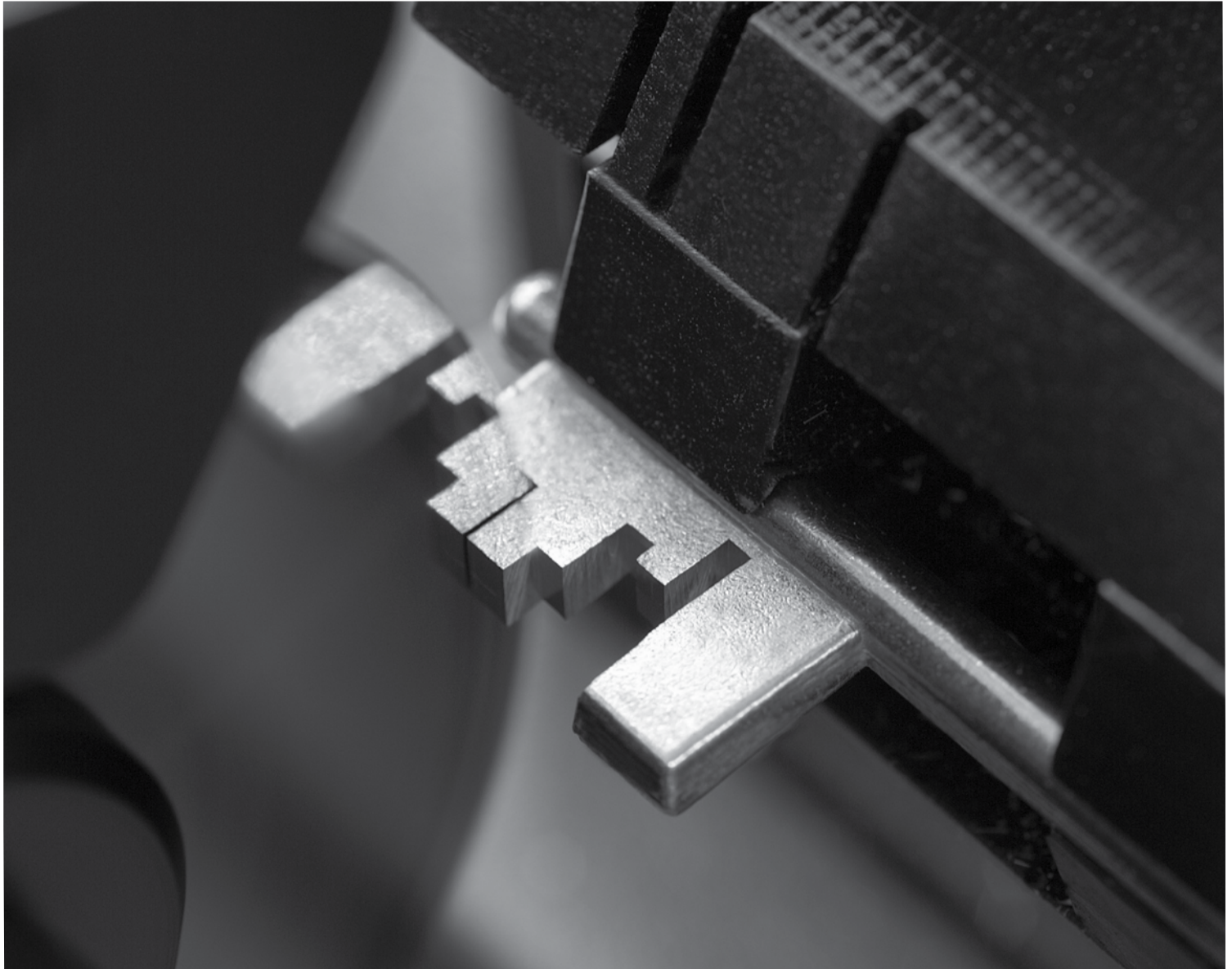
FICHA ESPECIALISTA

ESPEZIALISTAREN FITXA

SPECIALIST FILE

FICHE SPÉCIALISÉE

DATENBLATT FÜR FACHLEUTE



SENA - SARATOGA- TITAN BIT
ECCO BIT - ECCORG - ECCOFORD - ECCOABLOY

PARA LLAVES DE GORJA

GILTZA LAUETARAKO

FOR BIT KEYS

POUR CLES À GORGES

FÜR DOPPELBARTSCHLÜSSEL

THE KEY TO EXCELLENCE

GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

®	JMA®				
ABLOY	ABL-1	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		
	ABL-2	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		
	ABL-3	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		
	ABL-4	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		
ABUS	ABU-29P	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		
	ABU-3	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		
ADPLE	ADPLE-11	SENA	AD-ADL		
	ADPLE-22	SENA	AD-ADL		
	ADPLE-33	SENA	AD-ADL		
	ADPLE-44	SENA	AD-ADL		
	ADPLE-55	SENA	AD-ADL		
ANCHOR	ANC-2	SARATOGA	ABL-S		
		TITANBIT	TIB-ABL		
		EABLOY	ABL-E		

®	JMA®				
ARCU	ARC-17DP	SENA	AD-LLP		
		SARATOGA	AD-LLP		
		TITANBIT	AD-LLP		
		EBIT	BIT-E		
	ARC-17P	SENA	AD-LLP		
		SARATOGA	AD-LLP		
		TITANBIT	AD-LLP		
		EBIT	BIT-E		
ARFE	ARFE-2	SENA	AD-LLP		
		SARATOGA	AD-LLP		
		TITANBIT	AD-LLP		
		EBIT	BIT-E		
DENNY	DEN-1	SENA	AD-DEN		
	DEN-2	SENA	AD-DEN		
DIEBOLD	DIE-1	SENA	AD-LLP		
		EBIT	BIT-E		
FORD	FO-22P	SARATOGA			
		EBIT	BIT-UK		
	FO-4P	SARATOGA			
		EBIT	BIT-UK		
	FO-6P	SARATOGA	FD-S		
		TITANBIT	TIB-FD		
HECTOR	HEC-1	SENA	AD-LLP		
		SARATOGA	AD-LLP		

®	JMA				
HECTOR		TITANBIT		AD-LLP	
		EBIT		BIT-E	
IFAM	IF-3P	SARATOGA		ABL-S	
		TITANBIT		TIB-ABL	
		EABLOY		ABL-E	
	MILES	MIL-1	SENA		
		SARATOGA		AD-LLP	
MILES	MIL-1	TITANBIT		AD-LLP	
		EBIT		BIT-E	
	MIL-2	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	
PENZ-MASH	PEN-2	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	
RIL	26-M	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	
SERRETA	7-S	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	

®	JMA				
SOLER	SOL-1	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	
TIBBE	JAU-1P	SARATOGA		FD-S	
		TITANBIT		TIB-FD	
		EFORD		FD-E	
	JAU-2P	SARATOGA		FD-S	
		TITANBIT		TIB-FD	
		EFORD		FD-E	
TRUPER	TRU-7	SARATOGA		ABL-S	
		TITANBIT		TIB-ABL	
		EABLOY		ABL-E	
	TRU-8P	SARATOGA		ABL-S	
		TITANBIT		TIB-ABL	
		EABLOY		ABL-E	
URKO	URKO-4	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	
YALE	YA-30	SENA		AD-LLP	
		SARATOGA		AD-LLP	
		TITANBIT		AD-LLP	
		EBIT		BIT-E	



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