

JMA®



SUPLEMENTO-SUPPLEMENT

LLAVES , CARCASAS, MULTICODE ; ACCESORIOS- KEYS, KEY SHELLS, MULTICODE; ACCESSORIES

2018.03

www.jma.es

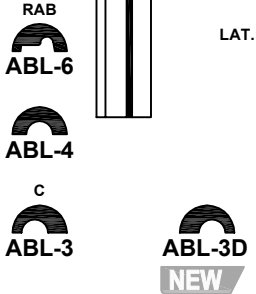
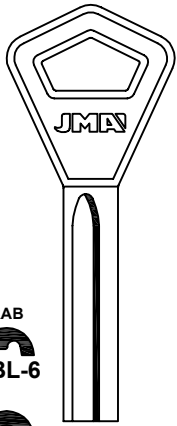
LLAVES
KEYS



SUPLEMENTO-SUPPLEMENT
2018.03 C.11

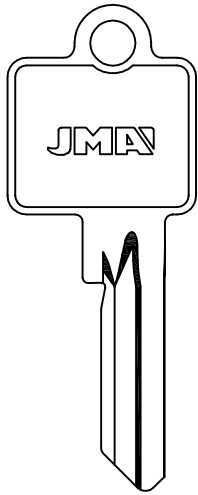
THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

ABLOY

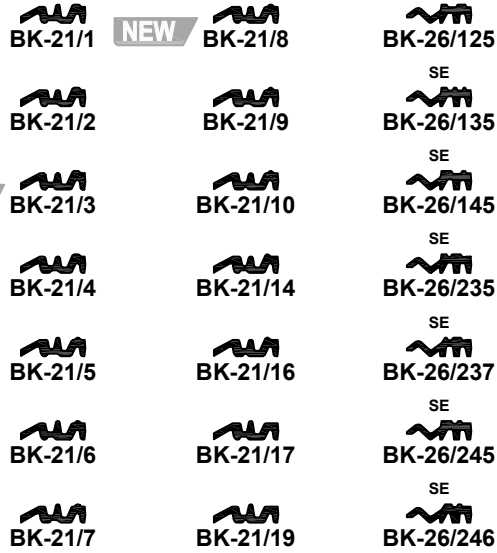


LAT.

BKS



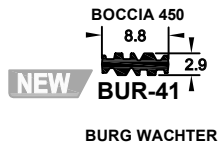
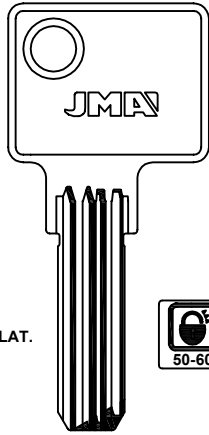
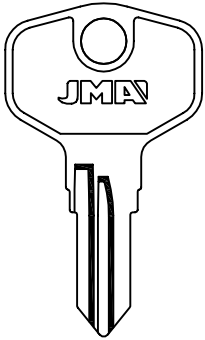
NEW



PARA-FOR:

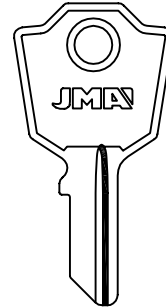
- ABLOY (SF)
- BKS (D)
- BURG (D)
- ESP (USA)
- GE GE (A)
- GUSHENG ((D)

BURG



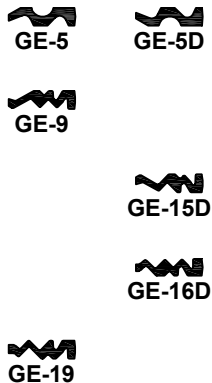
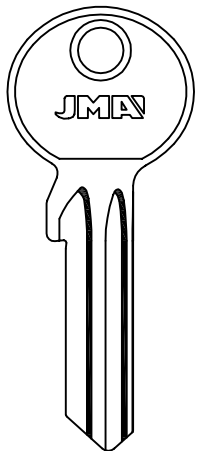
BURG WACHTER

ESP

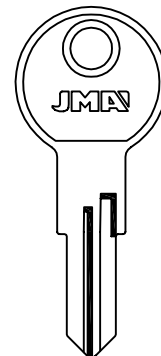


FKS

GE GE



GUSHENG



L. & F.	MCM	MHA	OJMAR
NEW LF-51	NEW MCM-45	MH-1	NEW OJ-21D
FKS	LAT.	LAT.	
		TOP LOCK	

PARA-FOR:
 L.& F. (GB)
 MCM (E)
 MHA (TJ)
 OJMAR (E)
 RENZ (D)
 TECHNO (D)
 TOUCH (GB)
 TOK WINKHAUS (D)

RENZ	TECHNO	TOUCH
NEW RE-6	NEW TCH-1.P	NEW TOU-1D
RE-6D NEW	TCH-1D.P NEW	
EURO LOCKS	ET.POWER-STARRY LOCK-STHALEX	FKS

TOK WINKHAUS

	EAFF			
	BFA1			
	BFA2			
	EFAM			
	EFWS			
EHBA				
EKCP				

* LAT.

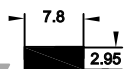
ENAX TOK-7D

FICHET-BIFFAR

HYUNDAI



LAT.



NEW

HY-20.P



ZADI



8001-9554

ZA-9.P2

8001-9554

ZA-7D.P1

NEW

8001-9554

ZA-6D.P1

APRILIA-BETA

PARA-FOR:

HYUNDAI (K)

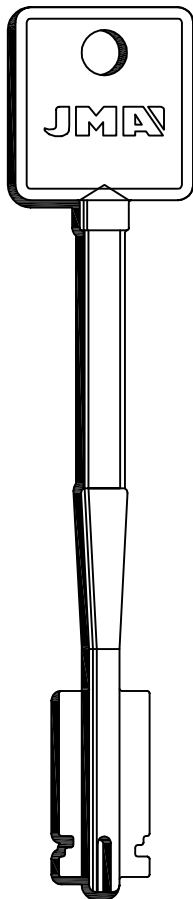
ZADI (I)



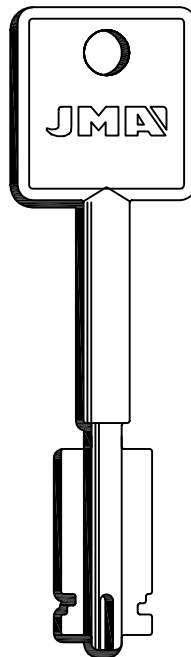
FAS

PARA-FOR:

FAS (S)



NEW  FA-9G



NEW  FA-10G

JMA[®]



Copyright by JMA Alejandro Altuna S.L.U. 2018





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





ESPECIALISTA
SPECIALIST



SUPLEMENTO-SUPPLEMENT
2018.03CE.3

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY

®	JMA				
BURG	BUR-41	NEO-DAKKI	F-1	P-1	
		CAPRI S.	F-1	P-1	
		CAPRI	F-1	P-1	
MCM	MCM-45	CAPRI	F-13	P-13	
		CAPRI S.	F-13	P-13	
		NEO-DAKKI	F-13	P-13	
MH	MH-2D	CAPRI	F-5	P-5	
		CAPRI S.	F-5	P-5	
		NEO-DAKKI	F-5	P-5	

®	JMA				
HYUNDAI	HY-20.P	NEO-DAKKI	F-11	P-11	
		CAPRI S.	F-11	P-11	
		CAPRI	F-11	P-11	

MÁQUINAS - MACHINES



CAPRI

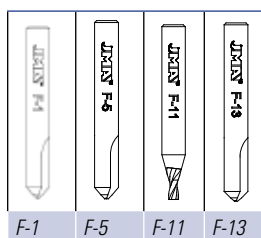


CAPRISMART

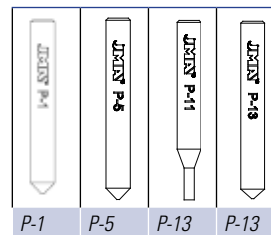


NEO

FRESAS - CUTTERS






PALPADORES-TRACERS



PLANAS-FLATKEYS

					
ABLOY	ABL-3D	AVANTCODE	FP-27		AV2

GORJA-BIT

					
ABLOY	ABL-3D	SARATOGA		ABL-S	
		TITANBIT		TIB-ABL	
		ECCOABLOY		ABL-E	

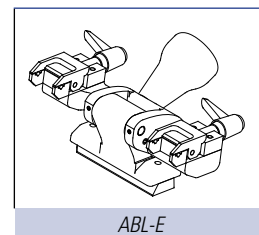
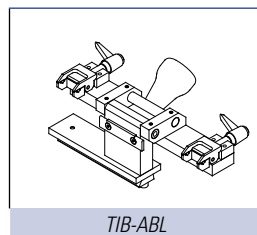
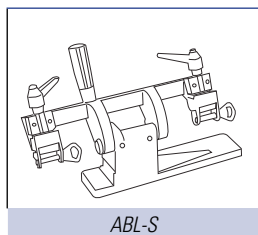
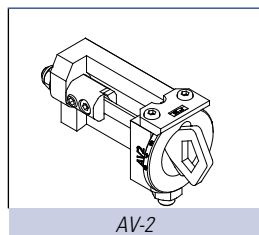
MÁQUINAS - MACHINES



FRESAS - CUTTERS



ADAPTADORES - ADAPTORS



LLAVES TRANSPONDER

TRANSPONDER KEYS



SUPLEMENTO-SUPPLEMENT
2018.03 CTP.13

THE KEY TO EXCELLENCE
GLOBALY UNLOCKING MILLIONS OF DOORS DAILY

CARCASAS
KEY SHELLS



SUPLEMENTO-SUPPLEMENT
2018.03 CKS.05

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



CARCASAS - KEY SHELLS

CHEVROLET

®	REF. JMA	DETAILS	ORIGINAL
	<p>MLGM01 MODIFICADO MODIFIED</p> 	  <p>TP000P-WHTL2</p>	
	<p>MLGM-49D.P1 MODIFICADO MODIFIED</p>  	 	
	<p>MLOP-WH.P2 MODIFICADO MODIFIED</p>  	 	
	<p>MLOP-WH.P3 MODIFICADO MODIFIED</p>  	 	



CARCASAS - KEY SHELLS

®	REF. JMA	DETAILS	ORIGINAL
CHRYSLER	MLCHR03 MODIFICADO MODIFIED	 	
CHRYSLER	MLCHR04 MODIFICADO MODIFIED	 	
CHRYSLER	MLCHR05 MODIFICADO MODIFIED	 	
CHRYSLER	MLCHR06 MODIFICADO MODIFIED	 	



CARCASAS - KEY SHELLS

®
CHRYSLER

REF. JMA

DETAILS

ORIGINAL

MLCHR-15.P4
MODIFICADO
MODIFIED



MLCHR-15.P5
MODIFICADO
MODIFIED



HONDA

MLHOND02
MODIFICADO
MODIFIED



MLHOND03
MODIFICADO
MODIFIED





CARCASAS - KEY SHELLS

®	REF. JMA	DETAILS	ORIGINAL
HONDA	MLHOND-31.P1 MODIFICADO MODIFIED	  <p>2.4</p> <p>CHIP</p>	
	MLHOND-31.P2 MODIFICADO MODIFIED	  <p>3.1</p> <p>CHIP</p>	
MAZDA	MLMAZ-11D.P3 MODIFICADO MODIFIED	  <p>2.4</p>	
	MLME03 MODIFICADO MODIFIED	  <p>3.1</p>	



CARCASAS - KEY SHELLS

	REF. JMA	DETAILS	ORIGINAL
MITSUBISHI	MLMIT01 MODIFICADO MODIFIED		
	MLSUB-2.P3 MODIFICADO MODIFIED		
	MLSUB-3.P3 MODIFICADO MODIFIED		

OTROS CAMBIOS - OTHER CHANGES

MARCA	REF. JMA	ESTADO ACTUAL /CURRENT STATUS
FIAT	MLFI-16.P8	Descatalogado- Discontinued
FIAT	MLFI-16.P11	Descatalogado- Discontinued
FIAT	MLFI-16.P13	Descatalogado- Discontinued

MULTICODE



***SUPLEMENTO-SUPPLEMENT
2018.02 SOFTWARE + CEM.04***

THE KEY TO EXCELLENCE
GLOBALLY UNLOCKING MILLIONS OF DOORS DAILY



JMAKEYPRO

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
REF	Perfil	Serie	SisCerradura	Ficha
ORIGINALPFAFF-ENHAIN1	.....	0123456789	SMO SRN	590
CI-21	.....	00001-38832	Astral XN018410 (6pins + 7Pins)	11006P
CI-21	.....	00001-38832	Asix XN007210 (6 pins)	11042P
ORIGINALRB	...	AEBFCGDH	LocXis 1st Sensor	909P
ORIGINALRB	...	AEBFCGDH	LocXis 2nd Sensor	911P
ORIGINALMG	.....	0123	HSP	913P
ORIGINALMG1	.....	1234	ST DIMPLE CUT	996P
ORIGINALMG1	.....	12A34	ST LASER CUT	997P
HEN-1	....	R008-R254		962
EVE-4	.....	123		4963
SSO-1	.....	123		964
EU-15P	.....	1234		915P
CHR-14P	.....	M0001-M2618		3564
CHR-14P	FT....	1001-3000	Freightliner	1379
CHR-15	.....	M0001-M2618		3564
CHR-15	FT....	1001-3000	Freightliner	1379
CHR-15P	.....	M0001-M2618		3564
CHR-15P	FT....	1001-3000	Freightliner	1379
TP00CHR-15P	.....	M0001-M2618		3564
TP00CHR-15P	FT....	1001-3000	Freightliner	1379
TP00CHR-15P1	.....	M0001-M2618		3564
TP00CHR-15P1	FT....	1001-3000	Freightliner	1379
ME-HM	HM....	6001-7110		5005
ME-HMLP	HM....	6001-7110		5005
ME-HMP	HM....	6001-7110		5005
TP00ME-HMP1	HM....	6001-7110		5005
TP00ME-HMTL	HM....	6001-7110		5005
TP01ME-HMP1	HM....	6001-7110		5005
TP05ME-HMP1	HM....	6001-7110		5005
ORIGILINCE3	.....	1234567	C4 XA	960P
ORIGILINCE3	.....	1234567	C4 XC	962P
ORIGILINCE3	.....	1234567	C4 XB	964P
ORIGILINCE3	.....	1234567	C4 XD	966P
ORIGILINCE3	.....	1234567	C4 XE	968P
ORIGILINCE4	.....	123456	C6 XA	460P
ORIGILINCE4	.....	123456	C6 XC	462P
ORIGILINCE4	.....	123456	C6 XB	464P
ORIGILINCE4	.....	123456	C6 XD	466P
ORIGILINCE4	.....	123456	C6 XE	468P
LWO-26D	...	001-960		669
LWO-26D	L...	001-960		669

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
LWO-26D	...	151-250		669
LF-11	60401-60800		329
LF-15	60401-60800		329
LF-45	...	1-400		329
LF-45	60001-60400		329
LF-45	60401-60800		329
LF-45	92001-92200		329
LF-45	92401-92800		329
LF-15	90001-90400		329
LF-11	90001-90400		329
LF-45	90001-90400		329
LF-45	M...	1-400		329
LF-15	91201-91350		329
LF-45	91201-91350		329
LF-44	92601-92800		329
MH-1	012345		279P
COR-35	1234567		968
COR-233	1234567		968
LF-35	R151-R650		969
LF-35	...	9001-9494		969
LF-35	T....	0001-1000		969
LF-35	S000-S999		969
EU-16DP	1234	Dethleffs caravan	917P
KE-3	1234	10RS	970P
AMG-10	01234	7 pines	659P
AX-2P1	1234		152P
ORIGINALKTM	1-3001		918P
AX-4DP	35001-39990		675
ORIGINALBAS135	1234567890	K6-RT	970
SEC-3	012345	Securissime K2	553P
MAU-2	000001-028000	MAUER E2A	608P
MAU-1	1234567	Mauer E2 6 Pines	405P
MAU-1	000001-500010	Mauer E2 (5+5) Pines	527P
MAU-1	1234567	Mauer Elite 2 E2 (6+5) Pines	745P
VI-1D	12345678		575
VI-8D	012345		15
VI-12	012345		15
OMC-7	02	5+6 pins	973P
OMC-7	01234	6 pins	975P
OMC-6D	123456789	120/121/04 H	971
COR-36D	012345678		768
COR-22D	012345678		768



ACTUALIZACIONES SOFTWARE - SOFTWARE UPDATES

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
COR-18D	012345678		768
COR-21D	012345678		768
COR-19D	012345678		768
COR-24D	12345		514
COR-1I	1234567		766
COR-1I	012345678		767
COR-1I	DX.....	123456		769
MER-13I	0123456789		926
MER-14I	0123456789		926
MER-2I	0123456789		926
MER-3I	0123456789		926
MER-4I	0123456789		926
MER-6I	0123456789		926
MER-8I	0123456789		926
MER-10I	0123456789		926
MER-11I	0123456789		926
MER-12I	0123456789		926
MER-16	1001-1500		375
CI-73P	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-72	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-72P	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-75P	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-81	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-81P	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-78P	00001-38832	Astral XN005710 (6pins + 7Pins)	6P
CI-4IP	...	1-342		430
CI-4IP	E.....	801-1236		430
CI-4IP	EE...	1-800		430
CI-4IP	ER.....	801-1236		430
CI-4IP	EA...	1-738	EA	409
CI-62	123456789	C 2000	705
CI-51	123456789	C2000	705
CI-20D	12345		139
YA-2D	0123456789		487
YA-2I	0123456789		487
IS-1I	123456		334
IS-3I	012345678		462
GIU-1D	0123		461
AGB-3	1234567		685
AGB-3D	1234567		685
TV-11	0123456789	Trio Z	108
ABU-86D	ER.....	00001-30000		729
WIN-22	9.....T	012345678		617
WIN-22	9.....X	012345678		617
WIN-22	.99.....	012345678		617
FO-24C1	0001-4000		255P
FO-24C2	0001-4000		255P
FO-24C3	0001-4000		255P
FO-24C4	0001-4000		255P
FO-24C5	0001-4000		255P
FO-24C6	0001-4000		255P
FO-24C7	0001-4000		255P
FO-24C8	0001-4000		255P

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
FO-24C9	....	0001-4000		255P
VO-HV	HV....	4001-5151		1156
VO-HV	HV....	2001-2830		1156
VO-HV	HV....	7101-8154		1156
VO-HV	HV...	1-854		1156
VO-HV	HV....	3001-3890		1158
VO-HV	HV....	6001-7086		1158
VO-HV	HV....	8201-9282		1158
VO-HV	HV....	1001-1918		1158
VO-HVP	HV....	4001-5151		1156
VO-HVP	HV....	2001-2830		1156
VO-HVP	HV....	7101-8154		1156
VO-HVP	HV...	1-854		1156
VO-HVP	HV....	3001-3890		1158
VO-HVP	HV....	6001-7086		1158
VO-HVP	HV....	8201-9282		1158
VO-HVP	HV....	1001-1918		1158
VO-HVP1	HV....	4001-5151		1156
VO-HVP1	HV....	2001-2830		1156
VO-HVP1	HV....	7101-8154		1156
VO-HVP1	HV...	1-854		1156
VO-HVP1	HV....	3001-3890		1158
VO-HVP1	HV....	6001-7086		1158
VO-HVP1	HV....	8201-9282		1158
VO-HVP1	HV....	1001-1918		1158
TP12HNHOND-24P1	...	J00-U39		5217
TPX4HOND-24P1	...	J00-U39		5217
TPX5HOND-24P1	...	J00-U39		5217
TP00HOND-24P1	...	J00-U39		5217
AB-11	.....	0234	T18	972
CI-26	E.....	000001-030001	ABUS D10/D15	919P
BAB-3D	.....	1234567890		974
BAB-14D	.....	1234567890		974
BAB-3	.....	1234567890		974
BAB-3D	.....	1234567890		975
BAB-14D	.....	1234567890		975
BAB-3	.....	1234567890		975
BAB-3D	.....	13579ACEGI		976
BAB-14D	.....	13579ACEGI		976
BAB-3	.....	13579ACEGI		976
ORIGINALWIN1	.....	00005-01499	AZ	10879
BUR-41	.....	12345	BOCCIA 450/60 (6+3) BG43	903P
BUR-41	.....	12345	BOCCIA 450/60 (6+4) BG43	905P
HU-HAAC1	....	1-8110	HU-HAAP EXT	370P
HU-HAAC2	....	1-8110	HU-HAAP EXT	370P
HU-HAAC3	....	1-8110	HU-HAAP EXT	370P
HU-HAAC4	....	1-8110	HU-HAAP EXT	370P
HU-HAAC5	....	1-8110	HU-HAAP EXT	370P
HU-HAAC6	....	1-8110	HU-HAAP EXT	370P
ARR-4DE	.....	0123456789	Big pin Direct Code	799
ARR-4DE	.....	123456789	Standard	800
ARR-4DE	.....	123456789	Antiguo	803
ARR-5DE	.....	0123456789	Big pin Direct Code	799
ARR-5DE	.....	123456789	Standard	800
ARR-5DE	.....	123456789	Antiguo	803
BES-1DE	.....	0123456789	6 pins	626



ACTUALIZACIONES SOFTWARE - SOFTWARE UPDATES

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
BES-1DE	.....	0123456789	A-2 7 pins	627
BES-1DE	.....	0123456	A-3 7 pins	628
BES-1DE	.....	012345	A-4 7 pins	629
CHI-10DE	....	001R-200R		672
CHI-10DE	...	305-504		672
CHI-10DE	.....	123456	REM501-REM1000 No codes	672
CHI-7DE	....	001R-200R		672
CHI-7DE	...	305-504		672
CHI-7DE	.....	123456	REM501-REM1000 No codes	672
CHI-8DE	TM...	101-250		377
CHI-8DE	....	001R-200R		672
CHI-8DE	...	305-504		672
CHI-8DE	...	101-250	TRI-MARK	377
CHI-8DE	...	500-650	TRI-MARK	377
CHI-8DE	...	051-100	TRI-MARK	377
CHI-8DE	...	901-950	TRI-MARK	377
CHI-8DE	.....	123456	REM501-REM1000 No codes	672
CHI-9DE	....	001R-200R		672
CHI-9DE	...	305-504		672
CHI-9DE	.....	123456	REM501-REM1000 No codes	672
CHR-10E	J....	1-3580		379
CHR-10E	J....	1-3580		1384
CHR-14E	L....	1-3580		1379
CHR-14E	.....	M0001-M2618		3564
CHR-14E	FT....	1001-3000	Freightliner	1379
CHR-15E	L....	1-3580		1379
CHR-15E	.....	M0001-M2618		3564
CHR-15E	FT....	1001-3000	Freightliner	1379
CHR-8E	DP....	1-1400		346
CHR-8E	EP....	1-3000		313
CHR-9E	G....	0-1394		3307
CHR-9E	F....	0-1394		3307
CHR-9E	L....	1-3580		3379
CI-ILE	.....	28001-29000	CORNI	779
CI-DLE	C83....	123456789	Pines a 0,44 C83	429
FO-11DE	...C...	101-344/501-624		4483
FO-11DE	...D...	101-327/501-602		4483
FO-11DE	...B...	101-332/501-602		4483
FO-11DE	...A...	101-291/501-579		4483
FO-11DE	...E...	101-296/501-579		4483
FO-15DE	...X	0001-1706		4516
FO-19E	FB....	0-1863		3281
FO-20DE	...E...	101-296/501-579		4483
FO-20DE	...D...	101-327/501-602		4483
FO-20DE	...C...	101-344/501-624		4483
FO-20DE	...B...	101-332/501-602		4483
FO-20DE	...A...	101-291/501-579		4483
FO-8DE	...A...	101-291/501-579		5484
FO-8DE	...E...	101-296/501-579		5484
FO-8DE	...C...	101-344/501-624		5484
FO-8DE	...B...	101-332/501-602		5484
FO-8DE	...D...	101-327/501-602		5484
GM-10E	...C..	0-9/00-99		482
GM-10E	...D..	0-9/00-99		482
GM-10E	...X..	0-9/00-99		482

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
GM-10E	...X..	00-99/0-9		482
GM-10E	...Y..	0-9/00-99		482
GM-10E	...Y..	00-99/0-9		482
GM-11E	...C..	00-99/0-9		482
GM-11E	...D..	00-99/0-9		482
GM-11E	...R..	0-9/00-99		482
GM-11E	...S..	00-99/0-9		482
GM-11E	...T..	0-9/00-99		482
GM-11E	...U..	00-99/0-9		482
GM-12E	...L..	0-9/00-99		482
GM-12E	...L..	00-99/0-9		482
GM-12E	...M..	0-9/00-99		482
GM-12E	...M..	00-99/0-9		482
GM-12E	S...	000-999		482
GM-12E	U...	000-999		482
GM-14E	....	S000-S999		3517
GM-14E	....	LA00-LZ99		3517
GM-14E	....	PA00-PP99		3517
GM-14E	....	JR00-JZ99		3517
GM-14E	....	AT29-AZ99		3517
GM-14E	....	A000-A999		3517
GM-14E	....	7N47-7T51		3517
GM-14E	H...	0001-3988		3517
GM-14E	O...	5000-6999		3517
GM-4E	N....	5001-7000		4290
GM-6E	...A..	0-9/00-99		482
GM-6E	...B..	0-9/00-99		482
GM-6E	...V..	0-9/00-99		482
GM-6E	...V..	00-99/0-9		482
GM-6E	...W..	0-9/00-99		482
GM-6E	...W..	00-99/0-9		482
GM-7E	...A..	00-99/0-9		482
GM-7E	...B..	00-99/0-9		482
GM-7E	...N..	0-9/00-99		482
GM-7E	...N..	00-99/0-9		482
GM-7E	...P..	0-9/00-99		482
GM-7E	...P..	00-99/0-9		482
GM-8E	P...	000-999		482
GM-8E	P...E	000-999		482
GM-8E	...J..	0-9/00-99		482
GM-8E	...J..	00-99/0-9		482
GM-8E	...K..	0-9/00-99		482
GM-8E	...K..	00-99/0-9		482
GM-8E	N...	000-999		482
GM-8E	N...E	000-999		482
HOND-10E	....	3001-4481		4217
HOND-16DE	....	5001-8442		3285
HUD-3E	....	1-1650		855
HUD-3DE	H....	1-1650		855
HUD-3DE	H....	2001-3000		855
JPM-1E	F3D....	1-6032		452
JPM-2E	F3D....	1-6032		452
KWI-1KE	.....	1234567	5 pins	82
KWI-1KE	.....	1234567	6 pins	82
KWI-1KE	.....	1357	5 pins	87
KWI-1KE	...	001-243	SmartSeries	690
KWI-1KE	.....	11126-66654	5 pins	82
KWI-2DE	.....	1234567	6 pins	85
MAS-2DE	.....	01234567		651



ACTUALIZACIONES SOFTWARE - SOFTWARE UPDATES

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
MAS-2DE	.....	410K001-410K999		651
MAS-2DE	.....	401K000-401K999		651
MAS-2DE	.....	402K000-402K999		651
MAS-2DE	.....	404K000-404K999		651
MAS-2DE	.....	405K000-405K999		651
MAS-2DE	.....	406K000-406K999		651
MAS-2DE	.....	407K000-407K999		651
MAS-2DE	.....	408K000-408K999		651
MAS-2DE	.....	409K000-409K999		651
MAS-2DE	.....	411K000-411K999		651
MAS-2DE	.....	412K000-412K999		651
MAS-2DE	.....	413K000-413K999		651
MAS-2DE	.....	414K000-414K999		651
MAS-2DE	.....	415K000-415K999		651
MAS-2DE	.....	416K000-416K999		651
MAS-2DE	.....	417K000-417K999		651
MAS-2DE	.....	418K000-418K999		651
MAS-2DE	.....	419K000-419K999		651
MAS-2DE	.....	420K000-420K999		651
MAS-2DE	.....	403K000-403K999		651
MAS-2DE	.....	460K001-469K999		651
MAS-2DE	.....	470K001-479K999		651
MAS-2DE	.....	480K001-489K999		651
MAS-2DE	.....	490K001-499K999		651
MAS-2DE	.....	500K001-509K999		651
MAS-2DE	.....	510K001-519K999		651
MAS-2DE	.....	520K001-529K999		651
MAS-2DE	.....	530K001-539K999		651
MAS-2DE	.....	540K001-549K999		651
MAS-2DE	.....	550K001-559K999		651
MAS-2DE	.....	560K001-569K999		651
MAS-2DE	.....	570K001-579K999		651
MAS-2DE	.....	580K001-589K999		651
MAS-2DE	.....	590K001-594K500		651
MAS-5DE	10T....	0001-1000		370
MAS-7E	AC....	0001-4500		655
MAS-9E	....	01234567		370
MAS-9DE	10L....	0001-1000		370
MAZ-13DE	.....	10100-12099		1313
MAZ-13DE	.....	12100-12283		1313
OP-DE	D....	0001-6300		3227
OP-SE	S....	0001-6300		5227
PAP-1E	.....	1234567	5 pins	618
PHI-52E	.....	12345		554
SAR-2DE	.....	0987654321		576
SEG-1DE	.....	0123456		686
SLG-3E	....A	0123456789		102
SLG-3E	.....	0123456789		103
SLG-3E	.....	S00100-S27787		103
SLG-4E	.....DG	0123456789		102
SLG-4E	.....	0123456789		103
SLG-5E	.....	0123456789		103
TE-8IE	....A	1234567890	TE5	476
TE-8IE	....B	1234567890	TE5	476
TOYO-10E	S....	1-2878		4265
TOYO-12E	R....	1111-1510		5481
TOYO-12E	K....	4401-4570		5481
TOYO-12E	K....	3731-4130		5481
TOYO-12E	R....	3331-3730		5481

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
TOYO-12E	K....	1511-1910		5481
TOYO-12E	R...	401-800		5481
TOYO-12E	K....	2221-2620		5481
TOYO-12E	R....	2621-3020		5481
TOYO-12E	K...	1-400		5481
TOYO-12E	S....	9281-9680		5482
TOYO-12E	S....	8171-8570		5482
TOYO-12E	S....	7061-7460		5482
TOYO-12E	K....	5001-6368		5482
TOYO-12E	R....	8001-9368		5482
TOYO-12E	S....	5951-6350		5482
TOYO-13E	P....	7001-8500		3471
TOYO-13E	F....	5951-6350		1477
TOYO-13E	F....	7061-7460		1477
TOYO-13E	F....	8171-8570		1477
TOYO-13E	F....	8571-8970		1477
TOYO-13E	F....	9681-9710		1477
TOYO-13E	F....	9281-9680		1477
TOYO-15E	.....	10001-12500		3348
TOYO-15E	1....	1-5000		3348
TOYO-15E	.....	25001-26200		3348
TOYO-15E	.....	50000-69999		3538
TOYO-20DE	W....	2001-2409		3283
TOYO-20DE	G....	1-2377		3283
TOYO-20DE	D....	1-2000		3283
TOYO-20DE	E....	5001-7700		3283
TOYO-20DE	P....	0001-2390		3283
TOYO-20DE	W....	1-2000		3283
TOYO-20DE	X....	0001-2248		3283
VI-2IE	.....	012345		50
VI-2IE	....PH	0001-5106		50
WEI-1E	E....	0123456789	5 PINS	101
WEI-1E	.....	0123456789	5 PINS	101
WEI-2E	E....	0123456789	6 PINS	101
WEI-2E	.....	0123456789	6 PINS	101
WEI-3E	E....	0123456789	5 PINS	101
WEI-3E	.....	0123456789	5 PINS	101
YA-13DE	13M....	0001-1000		520
YA-17DE	.....	01234567		727
YA-1DE	.....	0123456789		487
YA-22DE	.....	0123456789	6 pins	478
YA-24DE	.....	0123456789		487
YA-24DE	.....	012345678	EUROSPEC Lock manufacturer	522
YA-41DE	.....	01234567		954
YA-44DE	.....	12345		315
YA-45DE	.....	12345		315
BES-1DS	.....	0123456789	6 pins	626
BES-1DS	.....	0123456789	A-2 7 pins	627
BES-1DS	.....	0123456	A-3 7 pins	628
BES-1DS	.....	012345	A-4 7 pins	629
CHR-10PS	J....	1-3580		379
CHR-10S	J....	1-3580		379
CHR-14S	L....	1-3580		1379
CHR-14S	.....	M0001-M2618		3564
CHR-14S	FT....	1001-3000	Freightliner	1379
CHR-14PS	L....	1-3580		1379
CHR-14PS	.....	M0001-M2618		3564
CHR-14PS	FT....	1001-3000	Freightliner	1379
CHR-15S	L....	1-3580		1379



ACTUALIZACIONES SOFTWARE - SOFTWARE UPDATES

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
CHR-15S	.....	M0001-M2618		3564
CHR-15S	FT....	1001-3000	Freightliner	1379
CHR-15PS	L....	1-3580		1379
CHR-15PS	.....	M0001-M2618		3564
CHR-15PS	FT....	1001-3000	Freightliner	1379
CHR-8S	DP....	1-1400		346
CHR-8S	EP....	1-3000		313
CHR-9S	G....	0-1394		3307
CHR-9S	F....	0-1394		3307
CHR-9S	L....	1-3580		3379
CHR-8PS	DP....	1-1400		346
CHR-8PS	EP....	1-3000		313
CHR-9PS	G....	0-1394		3307
CHR-9PS	F....	0-1394		3307
CHR-9PS	L....	1-3580		3379
DAT-12S	Y....	1-9000		5117
DAT-12S	X....	1-9000		5117
DAT-16S	.....	1-22185	Power eccentric ignition	4671
DAT-16S	.....	1-22185		4401
DAT-16PS	.....	1-22185	Power eccentric ignition	4671
DAT-16PS	.....	1-22185		4401
FO-11DS	...C...	101-344/501-624		4483
FO-11DS	...D...	101-327/501-602		4483
FO-11DS	...B...	101-332/501-602		4483
FO-11DS	...A...	101-291/501-579		4483
FO-11DS	...E...	101-296/501-579		4483
FO-15DS	...X	0001-1706		4516
FO-15DPS	...X	0001-1706		4516
FO-19S	FB....	0-1863		3281
FO-20DS	...E...	101-296/501-579		4483
FO-20DS	...D...	101-327/501-602		4483
FO-20DS	...C...	101-344/501-624		4483
FO-20DS	...B...	101-332/501-602		4483
FO-20DS	...A...	101-291/501-579		4483
FO-8DPS	...A...	101-291/501-579		483
FO-8DPS	...B...	101-332/501-602		483
FO-8DPS	...C...	101-344/501-624		483
FO-8DPS	...D...	101-327/501-602		483
FO-8DPS	...E...	101-296/501-579		483
GM-10S	...C.	0-9/00-99		482
GM-10S	...D.	0-9/00-99		482
GM-10S	...X.	0-9/00-99		482
GM-10S	...X.	00-99/0-9		482
GM-10S	...Y.	0-9/00-99		482
GM-10S	...Y.	00-99/0-9		482
GM-11S	...C.	00-99/0-9		482
GM-11S	...D.	00-99/0-9		482
GM-11S	...R.	0-9/00-99		482
GM-11S	...S.	00-99/0-9		482
GM-11S	...T.	0-9/00-99		482
GM-11S	...U.	00-99/0-9		482
GM-12S	...L.	0-9/00-99		482
GM-12S	...L.	00-99/0-9		482
GM-12S	...M.	0-9/00-99		482
GM-12S	...M.	00-99/0-9		482
GM-12S	...S.	000-999		482
GM-12S	...U.	000-999		482
GM-13S	...G.	000-999		482
GM-13S	...G.	0-9/00-99		482
GM-13S	...H.	000-999		482

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
GM-13S	...H.	0-9/00-99		482
GM-13S	...H.	00-99/0-9		482
GM-14S	.....	S000-S999		3517
GM-14S	.....	LA00-LZ99		3517
GM-14S	.....	PA00-PP99		3517
GM-14S	.....	JR00-JZ99		3517
GM-14S	.....	AT29-AZ99		3517
GM-14S	.....	A000-A999		3517
GM-14S	.....	7N47-7T51		3517
GM-14S	H....	0001-3988		3517
GM-14S	O....	5000-6999		3517
GM-14PS	.....	S000-S999		3517
GM-14PS	.....	LA00-LZ99		3517
GM-14PS	.....	PA00-PP99		3517
GM-14PS	.....	JR00-JZ99		3517
GM-14PS	.....	AT29-AZ99		3517
GM-14PS	.....	A000-A999		3517
GM-14PS	.....	7N47-7T51		3517
GM-14PS	H....	0001-3988		3517
GM-14PS	O....	5000-6999		3517
GM-6S	...A.	0-9/00-99		482
GM-6S	...B.	0-9/00-99		482
GM-6S	...V.	0-9/00-99		482
GM-6S	...V.	00-99/0-9		482
GM-6S	...W.	0-9/00-99		482
GM-6S	...W.	00-99/0-9		482
GM-7S	...A.	00-99/0-9		482
GM-7S	...B.	00-99/0-9		482
GM-7S	...N.	0-9/00-99		482
GM-7S	...N.	00-99/0-9		482
GM-7S	...P.	0-9/00-99		482
GM-7S	...P.	00-99/0-9		482
GM-8S	...P.	000-999		482
GM-8S	...P...E	000-999		482
GM-8S	...J.	0-9/00-99		482
GM-8S	...J.	00-99/0-9		482
GM-8S	...K.	0-9/00-99		482
GM-8S	...K.	00-99/0-9		482
GM-8S	...N.	000-999		482
GM-8S	...N...E	000-999		482
GM-9S	...E.	000-999		482
GM-9S	...E.	0-9/00-99		482
GM-9S	...E.	00-99/0-9		482
GM-9S	...F.	0-999		482
GM-9S	...F.	0-9/00-99		482
GM-9S	...F.	00-99/0-9		482
HOND-16DS	.....	5001-8442		3285
HOND-16DPS	.....	5001-8442		3285
HOND-19S	...B.	0-99		1243
HOND-19S	...A.	0-99		1243
HOND-19DS	...C.	0-99		5243
HOND-19DS	...D.	0-99		5243
HOND-19PS	...B.	0-99		1243
HOND-19PS	...A.	0-99		1243
HOND-19DPS	...C.	0-99		5243
HOND-19DPS	...D.	0-99		5243
HOND-20S	...	J00-U39		217
HOND-4DS	...	701-720		3136
HOND-4DS	...OA...	301-320		3136
HOND-4DS	...	601-620		3136
HOND-4DS	...	501-520		3136



ACTUALIZACIONES SOFTWARE - SOFTWARE UPDATES

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
HOND-4DS	...	401-420		3136
HOND-4DS	...	301-320		3136
HOND-4DS	...	201-220		3136
HOND-4DS	...	801-820		3136
HOND-4DS	...	101-120		3136
HOND-4DS	BD...	301-340		3136
HOND-4DS	B..	0-99		3243
HOND-4DS	A..	0-99		3243
HOND-4IS	...	121-140		4136
HOND-4IS	...	321-340		4136
HOND-4IS	...	421-440		4136
HOND-4IS	...	221-240		4136
HOND-4IS	...	621-640		4136
HOND-4IS	...	521-540		4136
HOND-4IS	...	721-740		4136
HOND-4IS	...	821-840		4136
HOND-4IS	D..	0-99		4243
HOND-4IS	C..	0-99		4243
HY-5PS	R....	1-1000		4353
KWI-1KS	.....	1234567	5 pins	82
KWI-1KS	.....	1234567	6 pins	82
KWI-1KS	.....	1357	5 pins	87
KWI-1KS	...	001-243	SmartSeries	690
KWI-1KS	.....	11126-66654	5 pins	82
KWI-2DS	.....	1234567	6 pins	85
MAS-9S	...	01234567		370
MAS-9DS	10L....	0001-1000		370
OP-DS	D....	0001-6300		3227
OP-DPS	D....	0001-6300		3227
OP-SS	S....	0001-6300		5227
OP-SPS	S....	0001-6300		5227
SAR-2DS	.....	0987654321		576
SLG-3S	.....A	0123456789		102
SLG-3S	.....	0123456789		103
SLG-3S	.....	S00100-S27787		103
SLG-5S	.....	0123456789		103
SLG-4S	.....DG	0123456789		102
SLG-4S	.....	0123456789		103
TOYO-12S	R....	1111-1510		5481
TOYO-12S	K....	4401-4570		5481
TOYO-12S	K....	3731-4130		5481
TOYO-12S	R....	3331-3730		5481
TOYO-12S	K....	1511-1910		5481
TOYO-12S	R...	401-800		5481
TOYO-12S	K....	2221-2620		5481
TOYO-12S	R....	2621-3020		5481
TOYO-12S	K...	1-400		5481
TOYO-12S	S....	9281-9680		5482
TOYO-12S	S....	8171-8570		5482
TOYO-12S	S....	7061-7460		5482
TOYO-12S	K....	5001-6368		5482
TOYO-12S	R....	8001-9368		5482
TOYO-12S	S....	5951-6350		5482
TOYO-12DS	U....	3001-4000		266
TOYO-12DS	U....	7001-8200		266
TOYO-15S	.....	10001-12500		3348
TOYO-15S	1....	1-5000		3348
TOYO-15S	.....	25001-26200		3348
TOYO-15S	.....	50000-69999		3538
TOYO-15PS	.....	25001-26200		3348
TOYO-15PS	.....	50000-69999		3538

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
TOYO-20DS	W....	2001-2409		3283
TOYO-20DS	G....	1-2377		3283
TOYO-20DS	D....	1-2000		3283
TOYO-20DS	E....	5001-7700		3283
TOYO-20DS	P....	0001-2390		3283
TOYO-20DS	W....	1-2000		3283
TOYO-20DS	X....	0001-2248		3283
VI-1DS	.....	12345678		575
VI-1IS	.....	12345678		575
VI-2DS	.....	012345		50
VO-AHS	AH....	4001-5151		1156
VO-AHS	AH....	2001-2830		1156
VO-AHS	AH....	7101-8154		1156
VO-AHS	AH....	1001-1918		1158
VO-AHS	AH....	3001-3890		1158
VO-AHS	AH....	8201-9282		1158
VO-AHS	AH....	6001-7086		1158
VO-AHPS	AH...	1-854		1156
VO-AHPS	AH....	4001-5151		1156
VO-AHPS	AH....	2001-2830		1156
VO-AHPS	AH....	7101-8154		1156
VO-AHPS	AH....	1001-1918		1158
VO-AHPS	AH....	3001-3890		1158
VO-AHPS	AH....	8201-9282		1158
VO-AHPS	AH....	6001-7086		1158
VO-VBS	MD....	6001-7086		3249
VO-VBS	KB...	101-340		3345
VO-VBS	A.....	1234		3349
VO-VBS	B.....	1234		3349
VO-VBS	VB....	4001-5151		1059
VO-VBS	HV....	4001-5151		1059
VO-VBS	MD....	4001-5151		1059
VO-VBS	MD....	7101-8154		1059
VO-VBS	NV....	2001-2830		1059
VO-VBS	MD...	1-854		1059
VO-VBS	HV....	7101-8154		1059
VO-VBS	MD....	2001-2830		1059
VO-VBS	HV....	2001-2830		1059
VO-VBS	NV....	7101-8154		1059
VO-VBS	NV....	4001-5151		1059
VO-VBS	VB...	1-854		1059
VO-VBS	VB....	2001-2830		1059
VO-VBS	VB....	7101-8154		1059
VO-VBS	MD....	1001-1981		1062
VO-VBS	MD....	3001-3890		1062
VO-VBS	MD....	8201-9282		1062
VO-VBS	NV....	1001-1918		1062
VO-VBS	HV....	6001-7086		1062
VO-VBS	NV....	3001-3890		1062
VO-VBS	HV....	8201-9282		1062
VO-VBS	NV....	6001-7086		1062
VO-VBS	NV....	8201-9282		1062
VO-VBS	VB....	1001-1918		1062
VO-VBS	VB....	3001-3890		1062
VO-VBS	VB....	6001-7086		1062
VO-VBS	VB....	8201-9282		1062
VO-VBPS	A.....	1234		3349
VO-VBPS	B.....	1234		3349
WEI-3S	E.....	0123456789	5 PINS	101
WEI-3S	.....	0123456789	5 PINS	101
YA-17DS	.....	01234567		727



ACTUALIZACIONES SOFTWARE - SOFTWARE UPDATES

REF	PRO-FIL	SERIE	LOCK SYSTEM	FILE
YA-1DS	.....	0123456789		487
YA-1IS	.....	0123456789		487
YA-22DS	.....	0123456789	6 pins	478
YA-24DS	.....	0123456789		487
YA-24DS	.....	012345678	EUROSPEC Lock manufacturer	522
YA-3DS	.....	12345678		76
EZ-DS10E	.....	12345678	DS-10/15 (5, 5 Pins)	72P
BAI-1D	.....	00001-30202	AS Special	11003
KE-3		178	2000S Only STEP 15F	129P
KE-4		178	2000S Only STEP 15F	129P
ORIGINALPFAFFEN-HAIN1	.....	50001-55017	SMO	10590
ORIGINALPFAFFEN-HAIN1	....	0001-3685	SRN	10590
IS-10	AAC.....	000001-015694	Atra Neos (6P)	290P
IS-10	DAA.....	000001-348933	Atra Boss (5P+6P)	976P
ORIGINALDOM34	ND.....	058893-073365	IX6SR Prf.251/232/ 132 Side A&C	10383P
KE-3		178	10RS Only STEP 15F	978P
KE-3		1234	2000S	980P
KE-4		1234	2000S	980P
TP00HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TPX4HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TPX5HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TPH1HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TP12HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TP14HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TP05HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TP05HU-DHP1	....	0001-8000	Volvo Mitsubishi	154P
TP01HU-DHP3	....	0001-8000	Volvo Mitsubishi	154P
TP01HU-DHP1	....	0001-8000	Volvo Mitsubishi	154P
HU-4C1	.....	12345	VAG lateral cut Right	922P
HU-4C1	.....	12345	VAG main cut 10 pins lateral cut Left 898P	923P
ORIGINALMOTTU-RA19	.....	0123456	Mottura CP8 C28 Plus	924P
ORIGILINCE3	.....	59001-59840	C4 XB	10964P
ORIGILINCE4	.....	CY000001-CY507600	CYC 3 Axes	2200P
ORIGILINCE4	.....	BCY00001-BCY08040	CYC 2 Axes	2203P
ORIGINALDIERRE	.....	0000001-0235920	NEW POWDER - No Patronale	927P
ORIGINALDIERRE	.....	0000002-0235802	NEW POWDER - Patronale	928P
ORIGINALDIERRE	.....	0000001-0235920	NEW POWDER - No Patronale	963
ORIGINALDIERRE	.....	0000002-0235802	NEW POWDER - Patronale	965
ORIGINALPFAFFEN-HAIN9	VEE.....	200001-213602	VELA 2000	10706P
ORIGINALMOTTU-RA19	.....	0123456	Mottura Champions C38	284P
ORIGINALMOTTU-RA19	.....	0123456	Mottura Champions C39	929P
ORIGINALMOTTU-RA19	.....	0123456	Mottura Champions C43	932P

ACCESORIOS- ACCESORIES

KEY|SMART®
EVOLVING YOUR EVERYDAY CARRY™

PRO EDITION

KEYSMARTPRO™ lleva la organización de sus llaves a otro nivel. Gracias a su app gratuita **TILE™**, podrá saber en todo momento dónde se encuentran sus llaves, en caso de olvido, pérdida o robo.



ORIGINAL & RUGGED



La versión **ORIGINAL** de KeySmart™ le ofrece la versión básica del dispositivo, con capacidad para 8 llaves y cuerpo ligero de aluminio. Por su parte, la versión **RUGGED** puede albergar hasta 14 llaves, su cuerpo está fabricado en aluminio de alta resistencia y el resto de piezas, en acero inoxidable.

The **ORIGINAL** version of KeySmart™ provides the basic version of the device, with room for eight keys and a lightweight aluminium body. In turn, the **RUGGED** Version can hold up to 14 keys, its body is made from high-strength aluminium and the other parts from stainless steel.

KEY SMART MINI KNIFE



Convierta su **KEYSMART™** en una práctica herramienta multisusos con la versión **MINI KNIFE™**, que incorpora una navaja de acero altamente resistente y fácilmente afilable.

Mini Knife | Compact Knife/Blade, Stainless steel



Descarga hoja promocional / Download the leaflet

JMA FRANCE

JMA FRANCE SAS
Tel +33 01 39 22 42 10
Fax +33 01 39 22 42 11
Technoparc
13, rue Edouard Jeanneret
F- 78306 Poissy Cedex
www.jmafrance.fr
service.commercial@jmafrance.fr

JMA POLSKA

JMA POLSKA Sp. z o.o.
Tel +48 42 635 12 80
Fax +48 42 651 54 63
91- 342 Łódź, ul. Zbąszyńska 3
www.jmapolska.pl
biuro@jmapolska.pl

JMA PORTUGAL

ALTUNA PORTUGAL
COMERCIO DE CHAVES UNIPESSOAL, LDA.
Tel +351 219 947 470
Fax +351 219 947 471
Rua de Goa N°22
2690-356 Santa Iria de Azoia
www.jmaportugal.com
comercial@jmaportugal.com

JMA UK

SKS LTD
Tel +44 144 229 1400
Fax +44 144 286 3683
Unit 2, Canalside Northbridge Road
Berkhamsted
Herts HP4 1EG
www.jmakeys.co.uk
sales@skskeys.co.uk

JMA MAROC

JMA MAROC S.A.R.L.
Tel +0520 150 535
Fax +0520 150 536
83,85 Bd Oued ZIZ, El Oulfa
Casablanca
www.jma.ma
jma@jma.ma

JMA INDIA

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

JMA MEXICO

LLAVES ALTUNA DE MEXICO S.A de C.V
Tel +52 33 3777 1600
Fax +52 33 3777 1609
Av. Aviación No. 5520
Col. San Juan de Ocotán
C.P. 45019 Zapopan, Jalisco
www.jma.com.mx
ventas@jma.com.mx

JMA PERU

JMA PERU S.A.C.
Tel +51 639 9300
Av. Los Paracas 130,
Urbanización Salamanca,
Distrito Ate, Lima
www.jma-peru.com
info@jma-peru.com

JMA COLOMBIA

IFAM - JMA Colombia, S.A.S.
Tel +57 1 53333246
Fax +57 3203497446
Diagonal 115A - 70B - 45 Local 1
Bogotá
www.jmacolombia.com
info@jmacolombia.com

JMA SPAIN

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

JMA USA

ALTUNA GROUP USA INC.
Tel +1 817 385 0515
Fax +1 817 385 4850
1513 Greenview Drive
75050 Grand Prairie
Texas
www.jmausa.com
info@jmausa.com

JMA ARGENTINA

JMA ARGENTINA S.A.
Tel +54 336 4 462 422
Fax +54 336 4 462 422
Av. Central Acero Argentino Oeste 678
COMIRSA - 2900 San Nicolas
www.jma.com.ar
info@jma.com.ar

JMA URUGUAY

JMA URUGUAY S.A.
Tel +598 2908 1175
Fax +598 2900 6681
Mercedes 1420
11100 Montevideo
www.jma.com.uy
info@jma.com.uy

JMA WORLDWIDE

ALTUNA GROUP HEADQUARTERS

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

