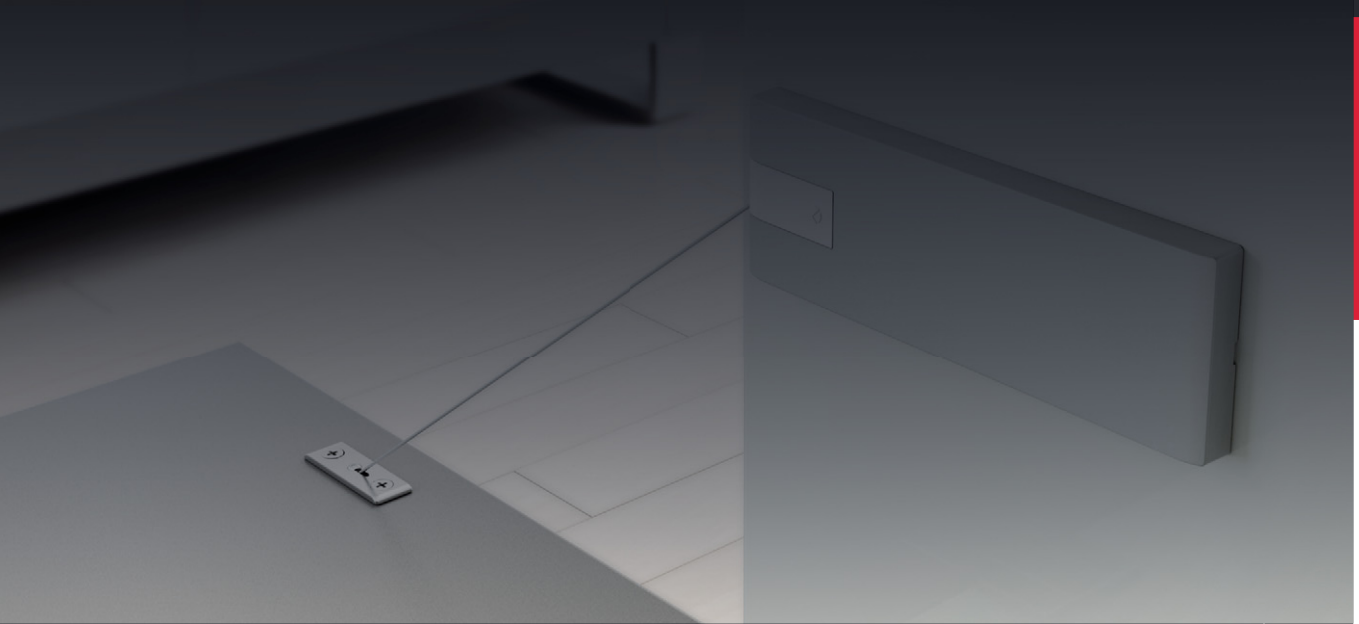
ITALIANA ferramenta

Link Opening System



OPENING SYSTEMS FOR FLAP AND DROP DOWN DOORS

SYMBOLS AND FINISHES LEGEND

SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM

= NORMS / PATENTS

= PART.NO

= PCS. PER PACKAGE

= CAPACITY LOADING

= WOOD / GLASS THICKNESS

= HOLE DIAMETER

= DIAMETER

= LENGTH

= HEIGHT

= RIGHT VERSION

= LEFT VERSION

= SETTING CODE

= PCS. PER PAD

= CUT ON REQUEST

= SELF ADHESIVE

= PHILLIPS / POZIDRIV

= HEXAGONAL SOCKET

= BLADE SLOT

= COMBI SLOT

= COUNTERSUNK HEAD

= PAN HEAD

= FLANGE HEAD

= FLAT HEAD

= TRILOBULAR SCREW

= SELF-TAPPING SCREW

= EURO THREAD

= METRIC THREAD

= PRE-INSERTED SCREW

= PRE-INSERTED SCREW AND SPREADING BUSH

= WITH BUFFER

= WITH MAGNET

= NEWTON

= FRICTION

= AUTOMATIC

= DROP DOWN

= STANDARD HINGE

= KIMANA HINGE

= FLAP HINGE

= WITH SPRING

= WITHOUT SPRING

= REVERSED SPRING

= FOR ROUND TUBE

= FOR OVAL TUBE

= WITH FLANGE

NOTE: Printing errors and omissions may exist despite our best efforts to ensure accurancy. We reserve the right to alter specifications without notice.

MATERIALS

ZA = Zinc Alloy

ST = Steel

HSS = High Speed Steel

BR = Brass

ABS = Acrylonitrile Butadiene Styrene

ZAnk = Nickel-plated Zinc Alloy

STzk = Zinc-plated Steel

AL = Aluminium

WD = Wood

EVA = Ethylene Vinyl Acetate

EP = **ENGINEERING PLASTIC**

+ EP = other engineering plastic available on request

SR = **SOFT RUBBER**

+ SR = other soft rubber available on request

EPn = Natural Engineering Plastic

EPc = Clear Engineering Plastic

EPw = White Engineering Plastic

EPg = Grey Engineering Plastic

EPwg = Water Green Engineering Plastic

SRn = Natural Soft Rubber

SRw = White Soft Rubber

SRb = Black Soft Rubber

FINISHES

+ = OTHER FINISHES AVAILABLE ON REQUEST

PART. NO	FINISHES	PART. NO	FINISHES	PART. NO	FINISHES
AA	Natural	IJ	Light Grey	RO	Red
AB	White	IL	Grey 20	PZ	Beech
AC	Opal White	IN	Grey met. 26	QB	Walnut
AE	White 9010	JB	Bright Aluminium	QA	Maple
AK	Champagne	JC	Aluminium - Chrome	UT	T-Met 9007
AL	Ivory	JD	Matt Aluminium	UZ	T-Met
EA	Black	JE	Satin-finished Aluminium	WA	Bronzed
EB	Glossy Black	JF	Aluminium - Brass	WI	Burnished
EC	Matt Black	JG	Aluminium 5	XD	Satin-finished Steel
EE	Anthracite	JL	Aluminium PE 11	YA	Nickel-plated
EW	Grey 9007	JM	Aluminium RAL 9006	YB	Bright Nickel-plated
FU	Gunmetal	KA	Chrome	YC	Matt Nickel-plated
FV	Gunmetal V52	KB	Bright Chrome	YD	Satin-finished Nickel-plated
GR	Raw	KC	Matt Chrome	YQ	Black Nickel
HA	Brass-Plated	MA	Brown	Z9	Black Zinc
HH	Tropicalized	MB	Light Brown 1	ZA	Zinc alloy
HL	Raw Brass	NN	Metallic Beige	ZN	Zinc-plated
HX	Graphite	NO	Beige	ZQ	Bright Gold
IA	Grey	OA	Oak	ZY	Titanum
IB	Metallic Grey	OZ	Ash	ZZ	Clear
IF	Middle Grey	PA	Light Ash	00	Insignificant finish

LINK

PATENTED

The freshly-designed drop-down opening system conceived by Italiana Ferramenta.
Unhanded mechanism for cabinet sides, the only one on the market that guarantees both a soft opening and a smooth closing movement of the door.
Installation is carried out through very simple drilling operations that don't require neither mills nor grooves.
A complete range suits all the doors weights and dimensions.
Suitable for very shallow cabinets with a minimum depth of 200 mm.
Very simple installation, once the mechanism is fixed on the side, the metal wire end is pulled out and the small sphere inserted onto the narrow slot of the door bracket. The sphere catches onto the bayonet cavity and is permanently secured in position with the provided cover cap.
Open angle adjustment carried out by using a S3 allen wrench, for nearby doors alignment.
The zinc alloy nickel plated mechanism cover, as well as the door bracket, can be supplied painted on request.

All the parts are in steel, zinc alloy and engineering



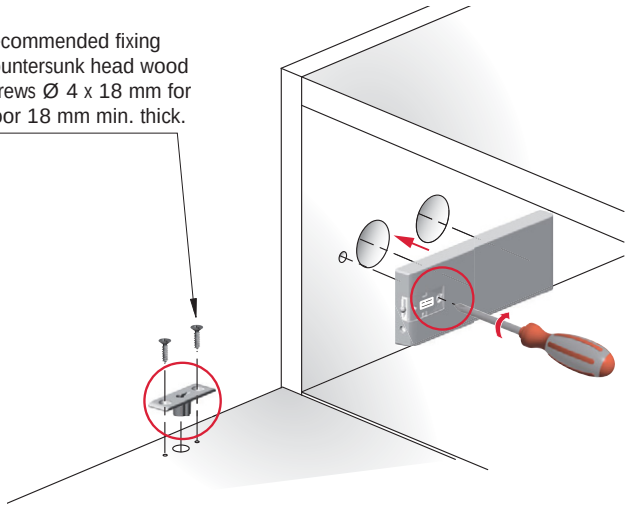


INSTALLATION

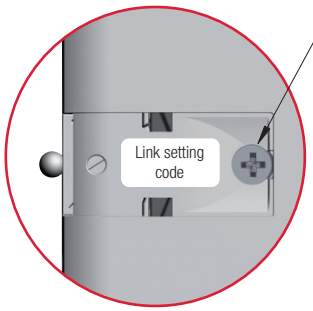


The door bracket has to be placed with the narrow part of the drop-shaped slot facing the cabinet.

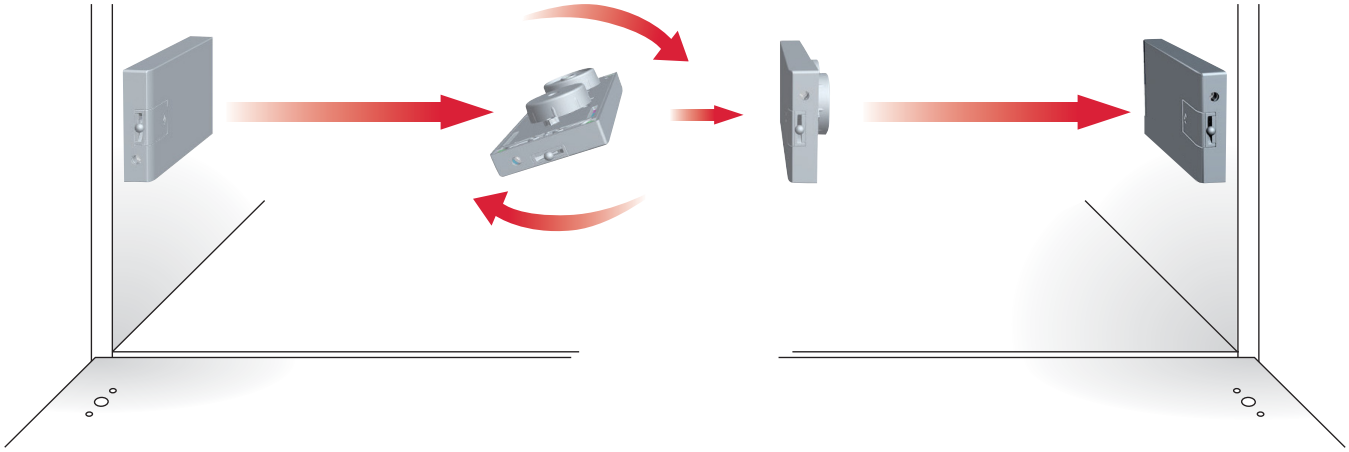
Recommended fixing countersunk head wood screws Ø 4 x 18 mm for door 18 mm min. thick.



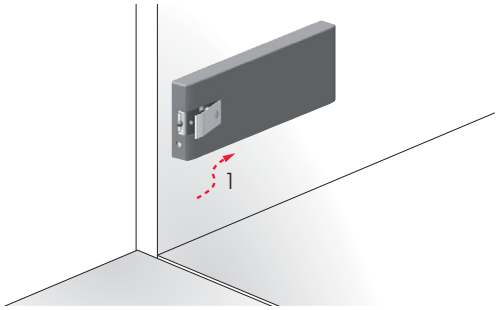
Pre-inserted screw Ø 3,5 x 16 mm - PZ2.

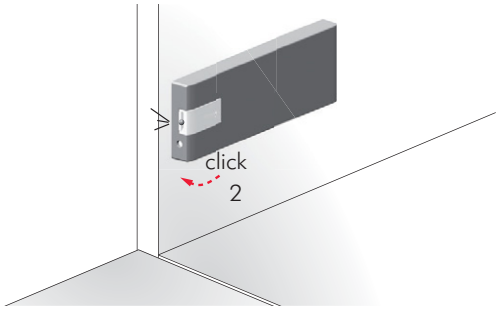


UNHANDED MECHANISM

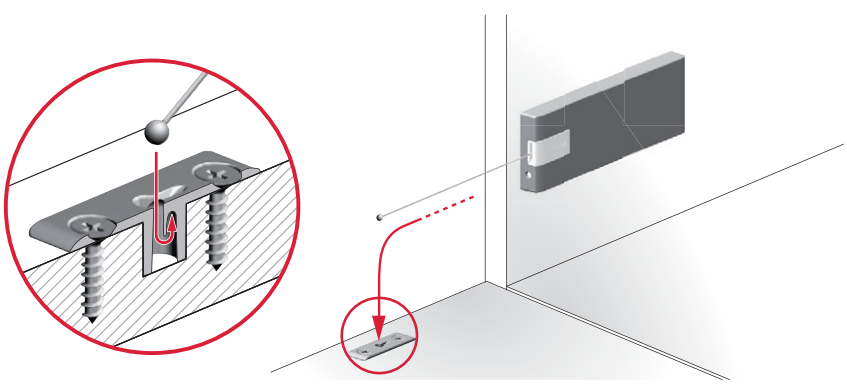


COVER CAP INSERTION

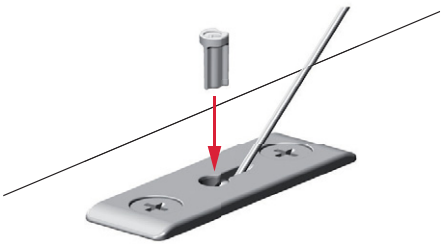




METAL WIRE INSERTION ONTO THE DOOR BRACKET

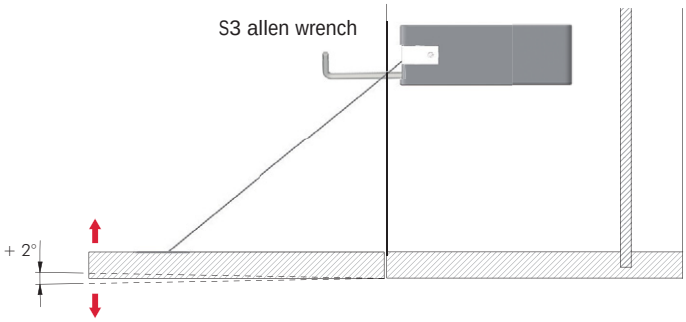


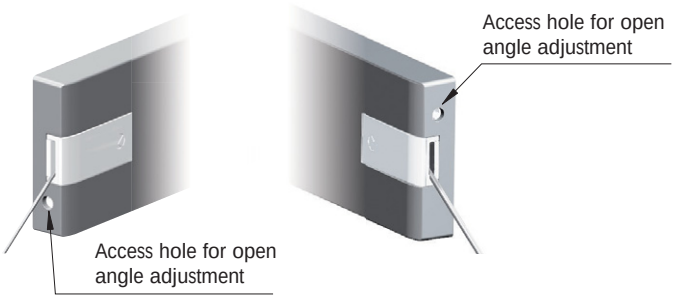
PLASTIC WIRE LOCKING



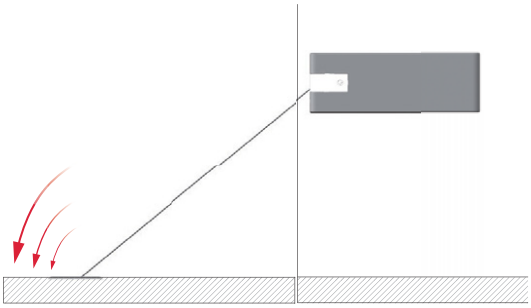
LINK

ADJUSTMENT

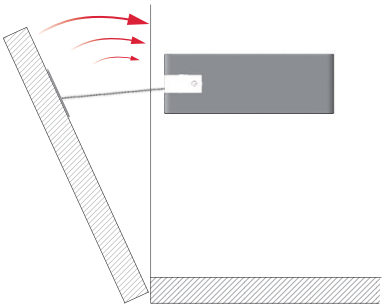




SOFT OPENING

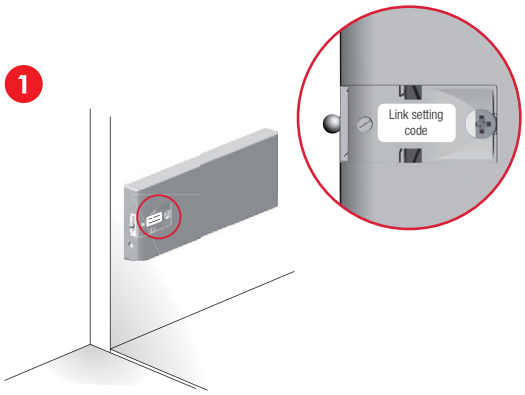


SMOOTH CLOSING

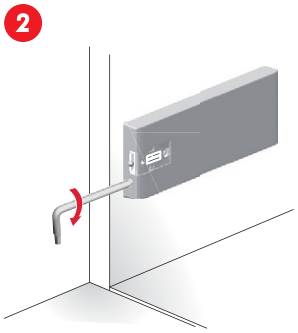


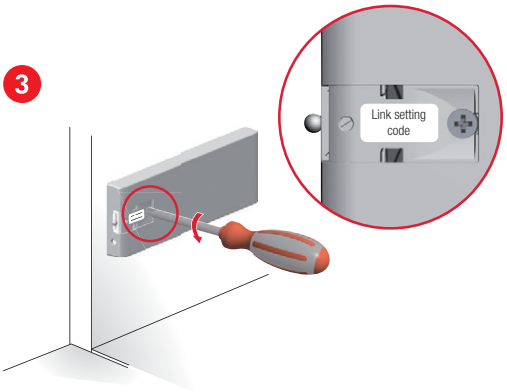
Soft opening and smooth closing are guaranteed only when opening and closing cycles are fully carried out.

LINK REMOVAL

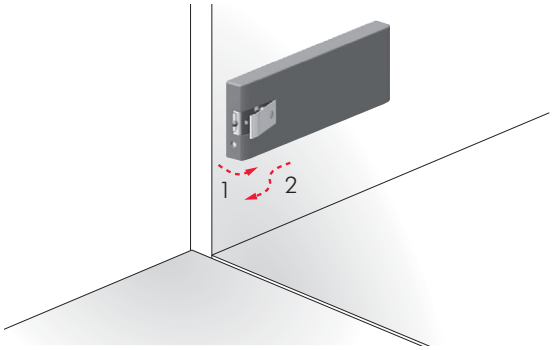


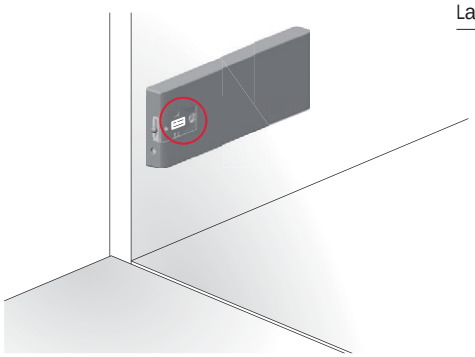
Turn S3 allen wrench clockwise till its travelling end for access to the locking screw.



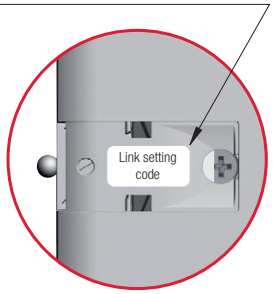


LINK SETTINGS IDENTIFICATION



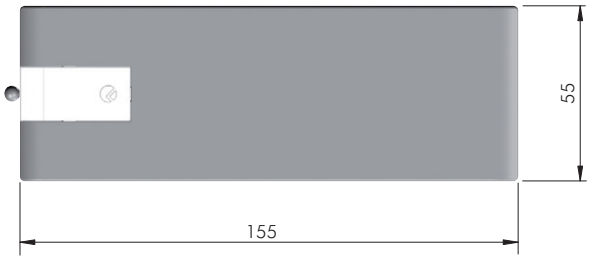


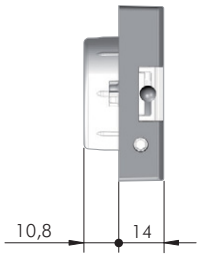
Label to identify the LINK setting code.

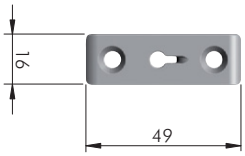


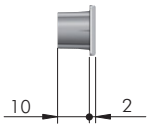










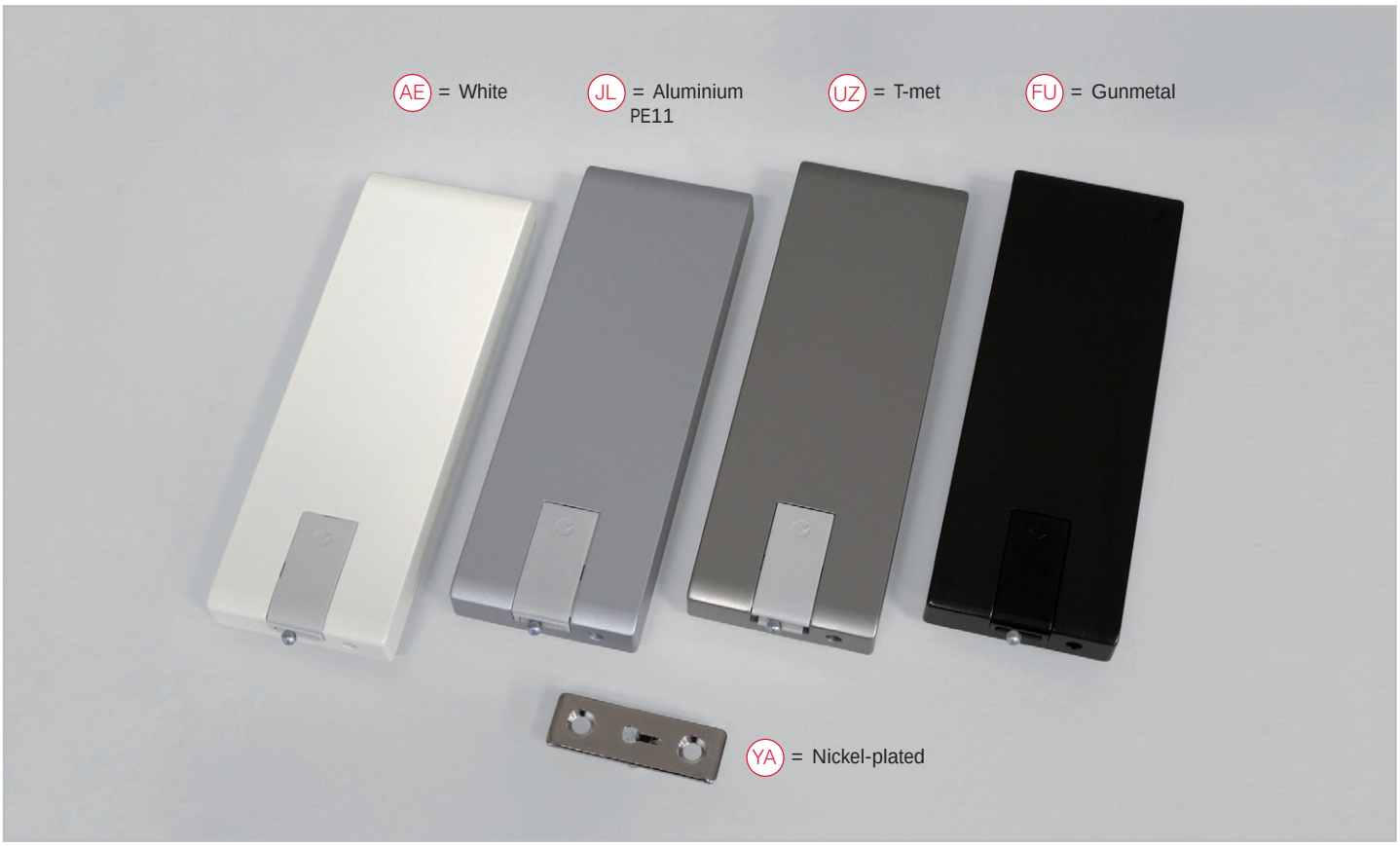


ZA EP ST

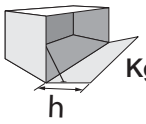
= 12 pcs.

47005020UZ	AE	JL	FU	A262
47020020UZ	AE	JL	FU	N262
47030020UZ	AE	JL	FU	U262
47035020UZ	AE	JL	FU	AL280
47038020UZ	AE	JL	FU	AQ300
47040020UZ	AE	JL	FU	AQ335

NOTE: LINK is supplied in carton box including 1 piece, door bracket nickel-plated, countersunk fixing screws Ø 4 x 18 mm nickel-plated, cover cap and fitting guide.



LINK



Kg = Door weight including the possible handle.

Rev. 02

Kg	Link	h									
		250	275	300	325	350	375	400	425	450	480
1,75	x2	- -	- -	- -	- -	- -	- -	- -	A262 A262	A262 A262	A262 A262
	x1	A262	N262	N262	N262	N262	N262	U262	U262	-	-
2,00	x2	- -	- -	- -	- -	A262 A262	A262 A262	A262 A262	A262 A262	A262 N262	A262 N262
	x1	N262	N262	N262	N262	U262	U262	-	-	-	AL280
2,25	x2	- -	- -	- -	A262 A262	A262 A262	A262 A262	A262 N262	A262 N262	A262 N262	A262 U262
	x1	N262	N262	U262	U262	-	-	-	-	-	AL280
2,50	x2	- -	A262 A262	A262 A262	A262 A262	A262 A262	A262 N262	A262 N262	A262 N262	A262 U262	A262 U262
	x1	N262	U262	U262	-	-	-	-	-	AL280	AL280
2,75	x2	- -	A262 A262	A262 A262	A262 N262	A262 N262	A262 N262	A262 U262	A262 U262	A262 U262	N262 U262
	x1	U262	U262	-	-	-	-	-	AL280	AL280	AQ300
3,00	x2	A262 A262	A262 A262	A262 N262	A262 N262	A262 N262	A262 U262	A262 U262	N262 U262	N262 U262	U262 U262
	x1	U262	-	-	-	AL280	AL280	AL280	AQ300	AQ300	AQ300
3,25	x2	A262 A262	A262 N262	A262 N262	A262 N262	A262 U262	A262 U262	N262 U262	N262 U262	U262 U262	U262 U262
	x1	-	-	-	AL280	AL280	AL280	AQ300	AQ300	AQ300	AQ300
3,50	x2	A262 A262	A262 N262	A262 N262	A262 N262	A262 U262	N262 U262	N262 U262	U262 U262	U262 U262	N262 AL280
	x1	-	-	-	AL280	AL280	AQ300	AQ300	AQ300	AQ300	AQ300
3,75	x2	A262 N262	A262 N262	A262 U262	A262 U262	N262 U262	N262 U262	U262 U262	U262 U262	N262 AL280	U262 AL280
	x1	-	-	AL280	AL280	AQ300	AQ300	AQ300	AQ300	AQ335	AQ335
4,00	x2	A262 N262	A262 U262	A262 U262	N262 U262	N262 U262	U262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280
	x1	-	-	AL280	AL280	AQ300	AQ300	AQ335	AQ335	AQ335	AQ335
4,25	x2	A262 N262	A262 U262	N262 U262	N262 U262	U262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	U262 AL280
	x1	-	AL280	AQ300	AQ300	AQ300	AQ300	AQ300	AQ335	AQ335	-
4,50	x2	A262 U262	A262 U262	N262 U262	U262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	U262 AL280	AL280 AL280
	x1	AL280	AL280	AQ300	AQ300	AQ300	AQ335	AQ335	AQ335	-	-
4,75	x2	A262 U262	N262 U262	U262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280
	x1	AL280	AQ300	AQ300	AQ300	AQ335	AQ335	AQ335	-	-	-
5,00	x2	N262 U262	N262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AL280
	x1	AL280	AQ300	AQ300	AQ335	AQ335	AQ335	-	-	-	-
5,25	x2	N262 U262	U262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AL280	AL280 AQ300
	x1	AL280	AQ300	AQ300	AQ335	AQ335	-	-	-	-	-
5,50	x2	N262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300
	x1	AL280	AQ300	AQ335	AQ335	-	-	-	-	-	-
5,75	x2	U262 U262	U262 U262	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300
	x1	AQ300	AQ300	AQ335	AQ335	-	-	-	-	-	-
6,00	x2	U262 U262	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300
	x1	AQ300	AQ335	AQ335	-	-	-	-	-	-	-
6,25	x2	U262 U262	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300	AQ300 AQ300
	x1	AQ300	AQ335	AQ335	-	-	-	-	-	-	-
6,50	x2	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335
	x1	AQ335	AQ335	-	-	-	-	-	-	-	-
6,75	x2	N262 AL280	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335
	x1	AQ335	AQ335	-	-	-	-	-	-	-	-
7,00	x2	U262 AL280	U262 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335	AQ335 AQ335
	x1	AQ335	AQ335	-	-	-	-	-	-	-	-
7,50	x2	U262 AL280	AL280 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335	AQ335 AQ335	AQ335 AQ335
	x1	AQ335	-	-	-	-	-	-	-	-	-
8,00	x2	U262 AL280	AL280 AL280	AL280 AL280	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335	AQ335 AQ335	AQ335 AQ335	- -
8,25	x2	AL280 AL280	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ335 AQ335	AQ335 AQ335	AQ335 AQ335	- -
8,50	x2	AL280 AL280	AL280 AL280	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335	AQ335 AQ335	AQ335 AQ335	- -	- -
8,75	x2	AL280 AL280	AL280 AL280	AL280 AQ300	AQ300 AQ300	AQ300 AQ300	AQ300 AQ335	AQ335 AQ335	AQ335 AQ335	- -	- -
9,00	x2	AL280 AL280	AL280 AQ300	AL280 AQ300	AQ300 AQ300	AQ300 AQ335	AQ335 AQ335	AQ335 AQ335	- -	- -	- -

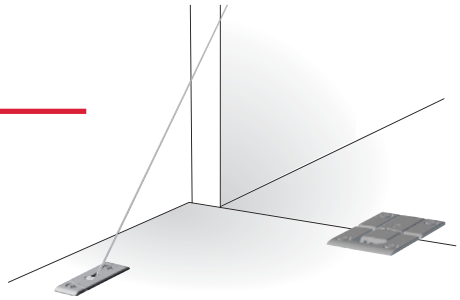
CODE SETTINGS: A262, N262, U262, AL280 *

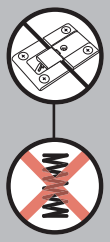
CODE SETTINGS: AL280, AQ300, AQ335

* For alternative applications with 1 mechanism LINK only, the remaining settings AQ300 – AQ335 might be required.

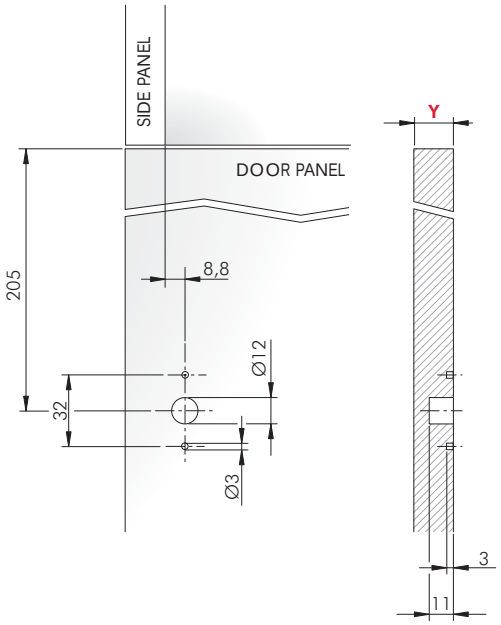
These are experimental results to be checked by the customer.
In accordance with the actual European regulation, we suggest to use two LINK mechanisms for each door. In case the door weight/dimensions are bigger than those reported on the chart, three or more LINK mechanisms might be used. Our technical department is at your disposal to test further cases out of this chart.

LINK WITH KIMANA HINGE

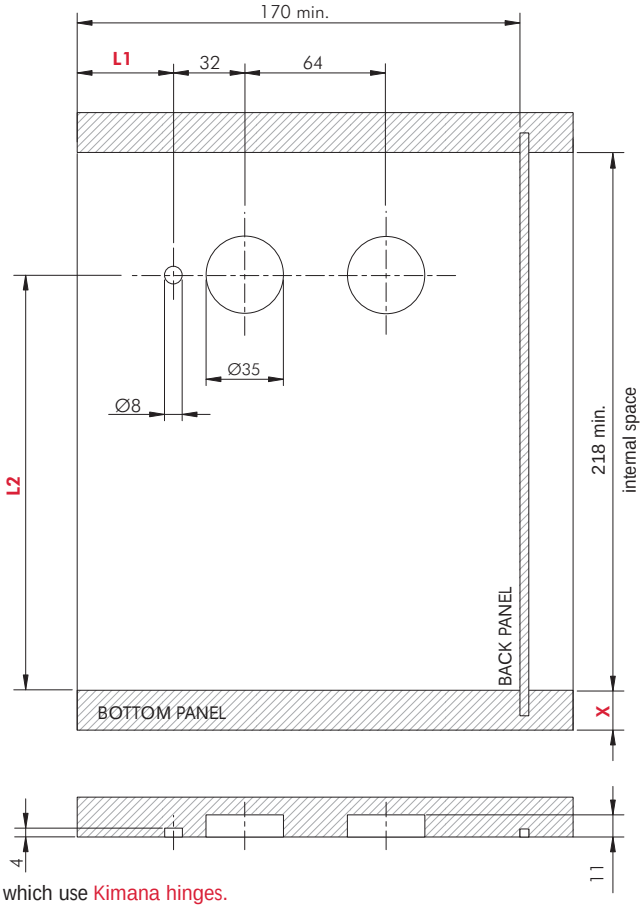




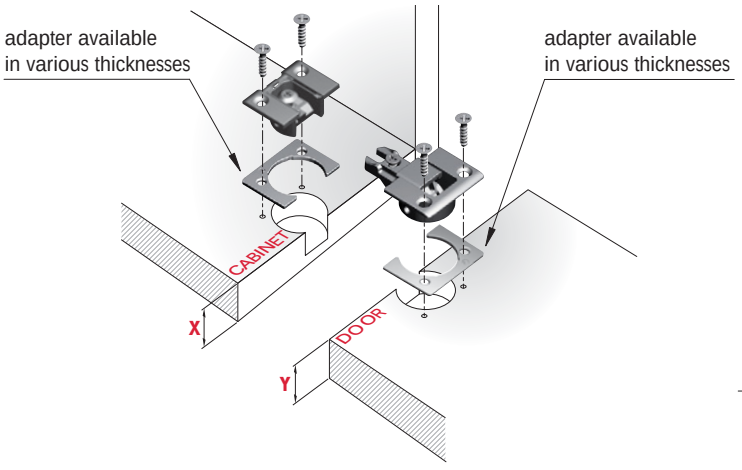
DOOR PANEL DRILLING PLAN



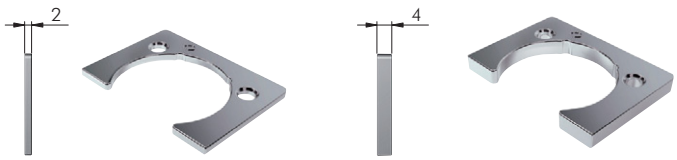
SIDE PANEL DRILLING PLAN



The dimensions of the above drilling plan refer to carcases which use Kimana hinges.

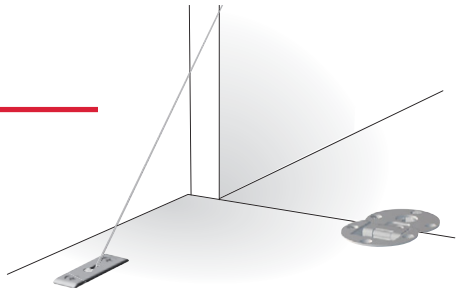


X +	Y +	L1	L2
16 + 4	16 + 2	43	190
16 + 4	19	44	190
18 + 2	18	44	189
18 + 2	19	44	189
19	16 + 2	42	187
19	19	43	187
20	20	43	187

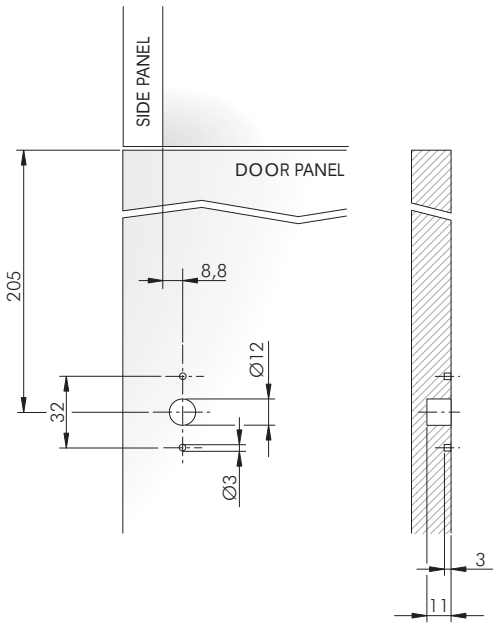


For Kimana and adapter details refer to section “HINGES”.

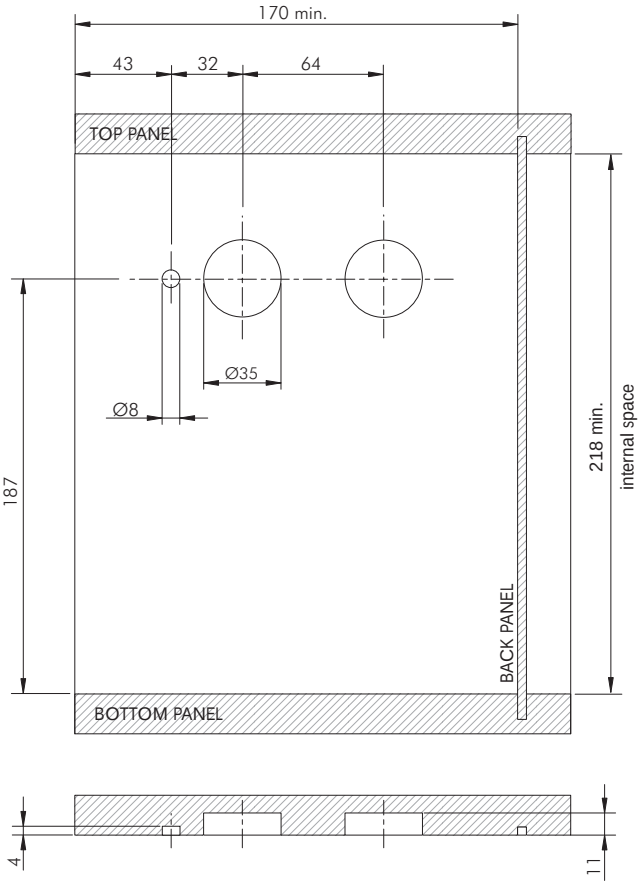
LINK WITH FLAP HINGES



DOOR PANEL DRILLING PLAN



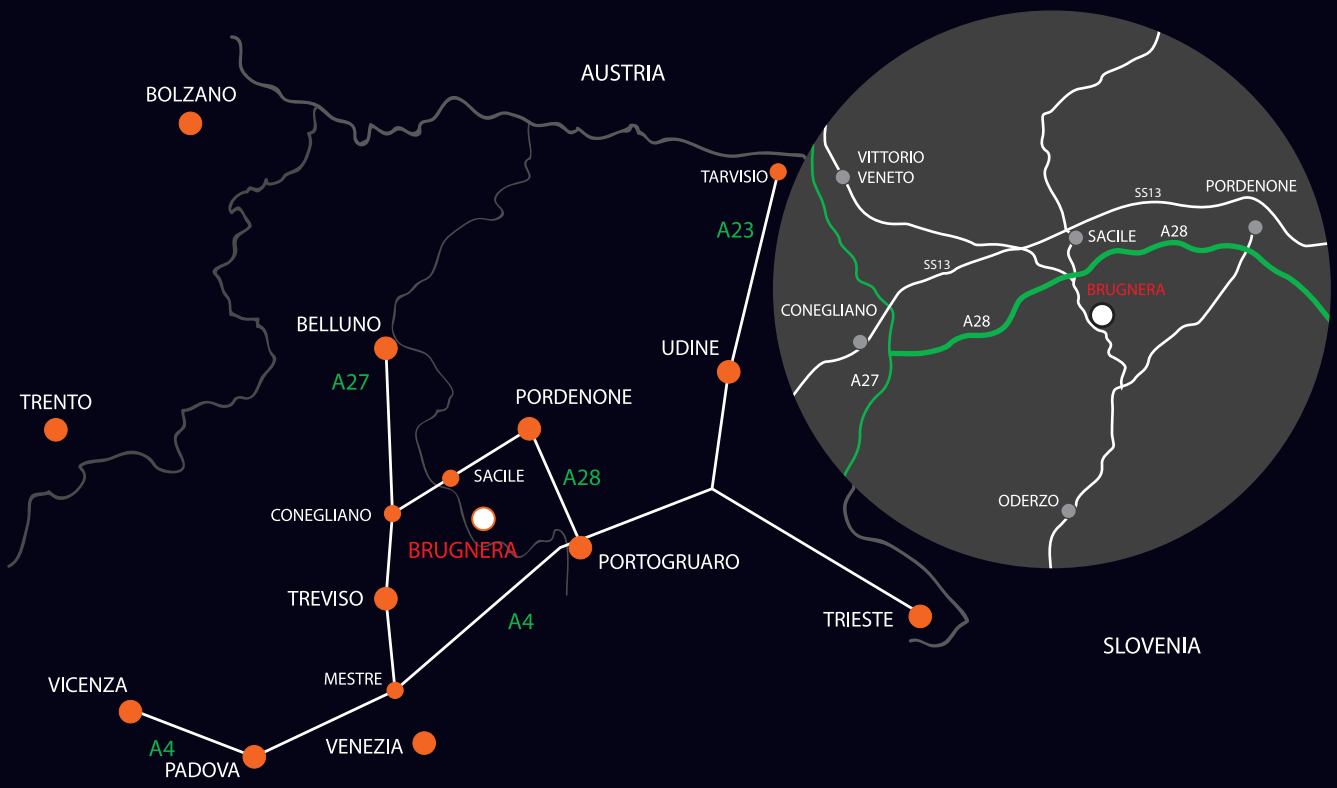
SIDE PANEL DRILLING PLAN



The dimensions of the drilling plan refer to carcases which use flap hinges.

LINK WITH STANDARD UNSPRUNG HINGES

In case other hinges than KIMANA are used, it is necessary to contact an authorized dealer for a correct drilling scheme. For this purpose, use the form on the Italiana Ferramenta website (product LINK) to provide the required specifications.



www.italianaferramenta.com

ITALIANA FERRAMENTA SRL - Viale Europa 17 I - 33070 Brugnera (PN) Tel. +39 0434 428211 Fax +39 0434 428242 E-mail: info@italianaferramenta.it