



## KRABY LID STAY SYSTEM



OPENING  
SYSTEMS FOR  
LIFT UP AND  
DROP DOWN  
DOORS



## KRABY SYSTEM LIFT UP

KRABY is a gas and oil stay to open flap doors. It has been conceived to be installed by using standard automatic drilling processes. It is available in three different lengths and several newton strengths to suit doors of any size. It can be fixed directly on solid doors or wider aluminium frame section doors. For small aluminium sections a range of special adaptors is available.

KRABY is available in:

- Automatic version: once you open the door, it continues to open gently and completely by itself.
- Friction version: once you open the door, the stay holds the door in any required position.

KRABY offers some relevant benefits:

- The rotary knob placed on the piston base plate can be used to adjust the opening angle and therefore to align nearby doors.
- By adjusting the position of the piston base plate within the "U" slot of the side bracket, it is possible to change the time in opening and closing of the door

All the parts (stay excluded) are in zinc alloy nickel plated and engineering plastic.



FRICION VERSION



AUTOMATIC VERSION



**PATENTED**  
Certificates available  
on request.



### INSTALLATION



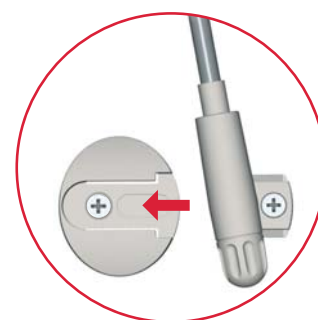
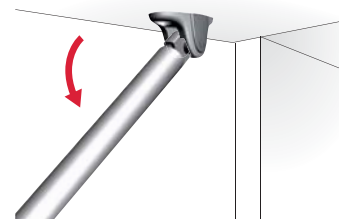
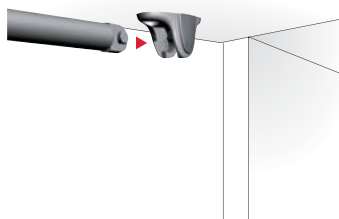
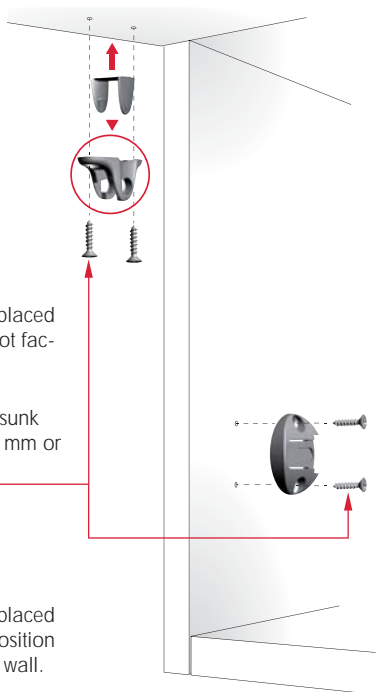
#### VERY IMPORTANT

The door bracket has to be placed in vertical position with the slot facing forwards.

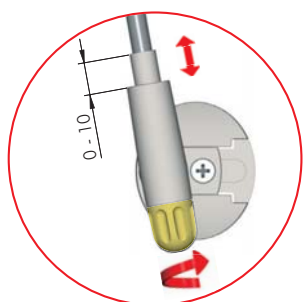
recommended fixing countersunk head wood screws Ø3,5x16 mm or Euro thread screws.

#### VERY IMPORTANT

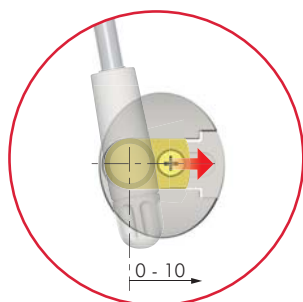
The side bracket has to be placed with the slot in horizontal position and the open end facing the wall.



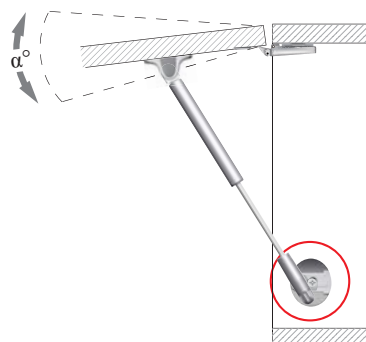
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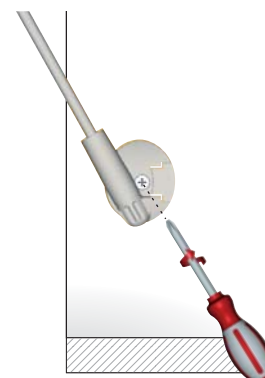
**INCREASE** OPENING ANGLE  
Rotate the rotary knob.



**REDUCE** OPENING ANGLE  
Move forward and backward the piston base plate in the bracket slot.

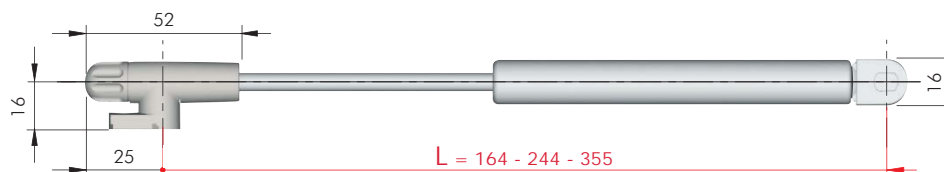
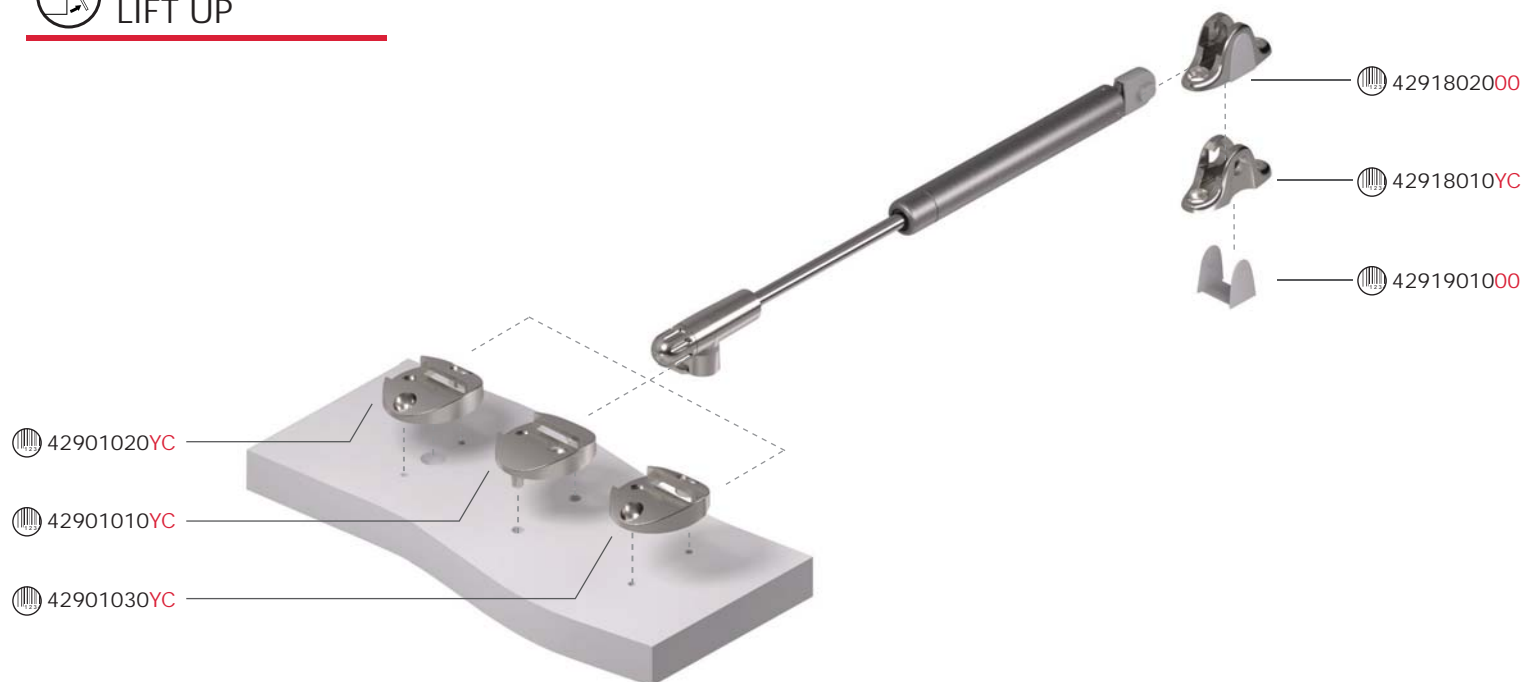


### LOCKING



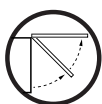


## LIFT UP



ZAnk EP ST

= 100 pcs.



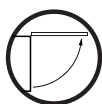
### KRABY FRICTION VERSION

Further newton strengths available on request.

L			N
164	42001010UZ		45
	42002010UZ		60

L			N
244	42011010UZ		45
	42012010UZ		60
	42013010UZ		90
	42014010UZ		120

L			N
355	42030010UZ		45
	42031010UZ		60
	42032010UZ		90
	42033010UZ		120



### KRABY AUTOMATIC VERSION

Further newton strengths available on request.

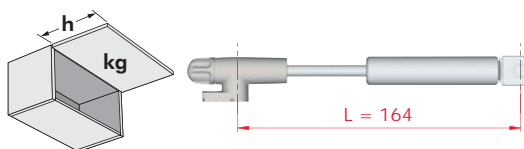
L			N
164	42101010UZ		50
	42102010UZ		80
	42103010UZ		120

L			N
244	42110010UZ		50
	42111010UZ		80
	42112010UZ		100
	42113010UZ		120
	42114010UZ		140

L			N
355	42130010UZ		50
	42131010UZ		80
	42132010UZ		100
	42133010UZ		120



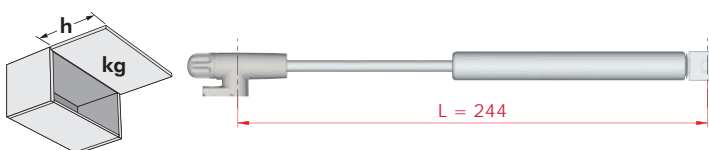
## Number of stays chart - L 164 mm



Rev. 02

h	Kraby version	Door weight (kg)										Kraby version
		1	2	3	4	5	6	7	8	9	10	
230 - 274	Automatic	1x80N	2x80N	2x120N		3x120N				4x120N		Automatic
	Friction	1x45N	2x45N				2x60N			3x60N		Friction
275 - 325	Automatic	1x80N	2x80N	2x120N			3x120N		4x120N			Automatic
	Friction	1x60N	2x45N			2x60N		3x60N	4x60N			Friction

## Number of stays chart - L 244 mm

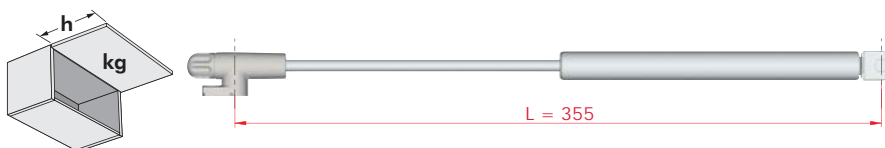


Rev. 02

h	Kraby version	Door weight (kg)													Kraby version
		1	2	3	4	5	6	7	8	9	10	11	12	13	
300 - 324	Automatic	1x80N		2x50N		2x80N		2x100N		2x120N		2x140N	2x160N*		Automatic
	Friction	1x45N		1x60N	2x45N			2x60N			2x90N				Friction
325 - 374	Automatic	1x80N		2x50N	2x80N		2x100N	2x120N		2x140N	2x160N*			2x180N*	Automatic
	Friction	1x45N		1x60N	2x45N		2x60N			2x90N			2x120N	Friction	
375 - 424	Automatic	1x80N	2x50N	2x80N		2x100N		2x120N	2x140N	2x160N*		2x180N*	2x240N*		Automatic
	Friction	1x45N		1x60N	2x45N		2x60N			2x90N		2x120N			Friction
425 - 474	Automatic	2x50N		2x80N		2x100N		2x120N	2x140N	2x160N*		2x180N*		3x160N*	Automatic
	Friction	1x60N		2x45N		2x60N			2x90N		2x120N		3x90N		Friction
475 - 524	Automatic	2x80N			2x100N		2x120N	2x140N	2x160N*		2x180N*		3x160N*		Automatic
	Friction	2x45N			2x60N		2x90N		2x120N		3x90N		3x120N		Friction

\* Strenghths available on request.

## Number of stays chart - L 355 mm



Rev. 02

h	Kraby version	Door weight (kg)													Kraby version
		1	2	3	4	5	6	7	8	9	10	11	12	13	
400 - 424	Automatic	1x80N			2x50N		2x80N				2x100N	2x120N		2x160N	Automatic
	Friction	2x45N								2x60N					Friction
425 - 474	Automatic	1x80N		2x50N	2x80N			2x100N		2x120N	2x160N			Automatic	
	Friction	2x45N							2x60N				2x90N	Friction	
475 - 524	Automatic	1x80N		2x50N	2x80N		2x100N	2x120N	2x160N		2x180N	2x200N	Automatic		
	Friction	2x45N							2x60N				2x90N	Friction	
525 - 574	Automatic	1x80N		2x50N	2x80N		2x100N	2x100N	2x160N			2x180N	2x200N	Automatic	
	Friction	2x45N					2x60N				2x90N			Friction	
575 - 624	Automatic	2x50N		2x80N	2x100N		2x120N	2x160N			2x180N	2x200N		Automatic	
	Friction	2x45N					2x60N			2x90N				Friction	
625 - 700	Automatic	2x50N		2x80N	2x100N		2x120N	2x160N			2x180N	2x200N		Automatic	
	Friction	2x45N			2x60N				2x90N		2x120N			Friction	

These are experimental results to be checked by the customer. Our Technical Department is at your disposal to test further cases out of this charts.

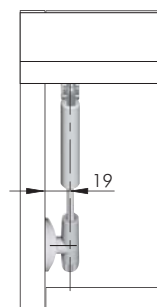
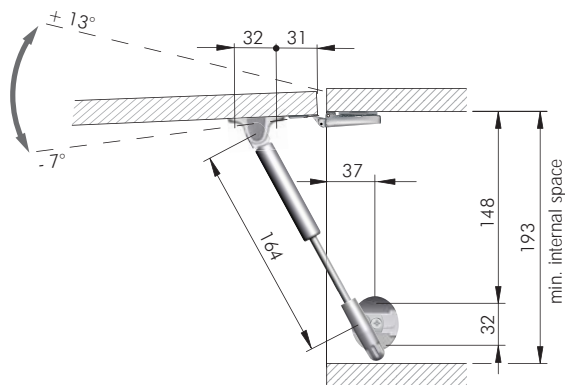


## LIFT UP DRILLING PLANS WITH STANDARD HINGES OPENING WITH HANDLE

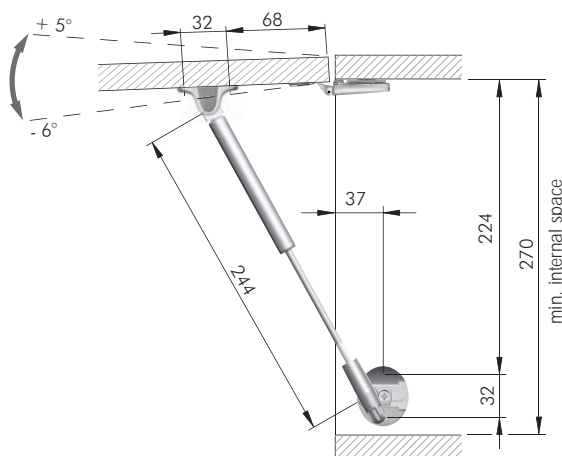
KRABY CONFIGURATOR:



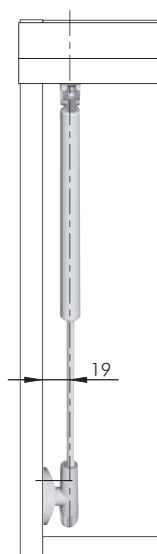
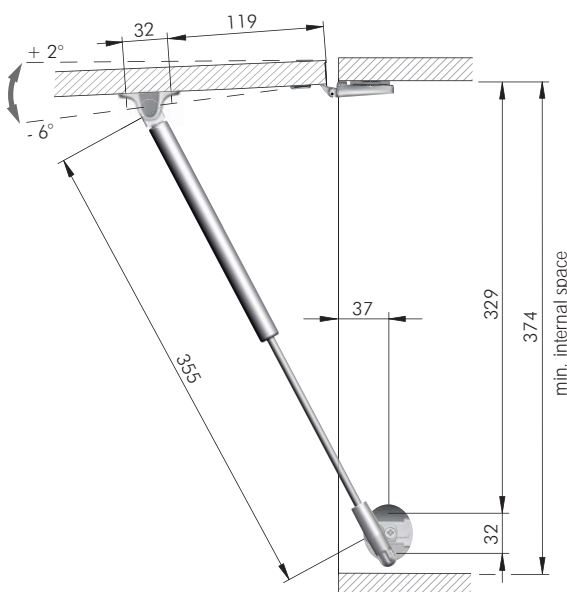
L 164 mm



L 244 mm



L 355 mm



The dimensions of the above drilling plans refer to carcasses which use **standard sprung or unsprung hinges** and mounting plates 0 mm. Please note that the opening angle varies respect to the hinge brand and adjustment carried out.



Please note that in case of use of **unsprung hinges**, magnet K Lock is required.  
For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".

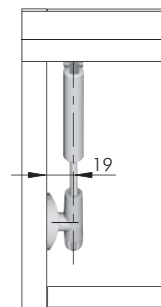
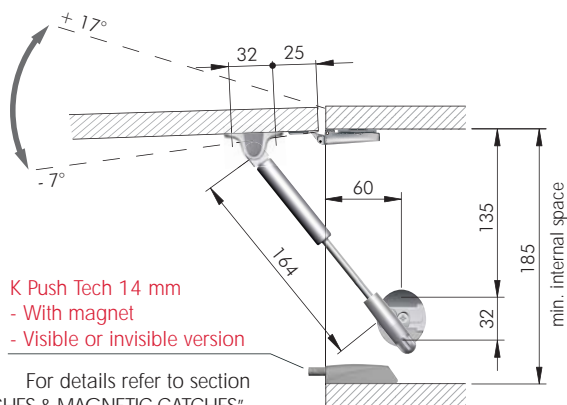


## LIFT UP DRILLING PLANS WITH STANDARD HINGES PUSH TO OPEN

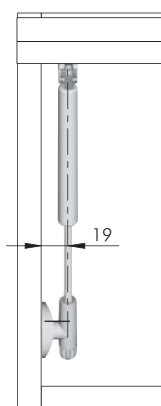
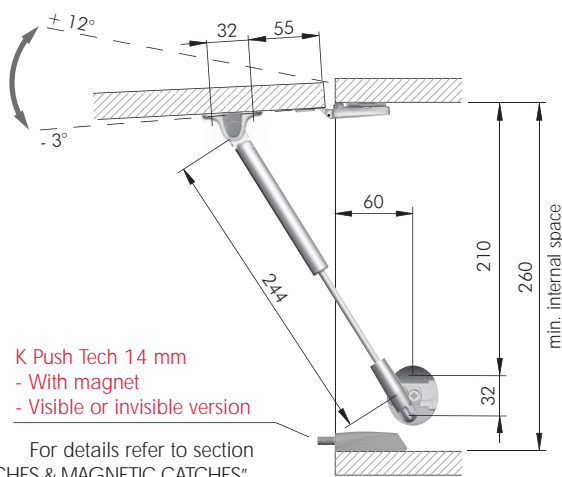
KRABY CONFIGURATOR:



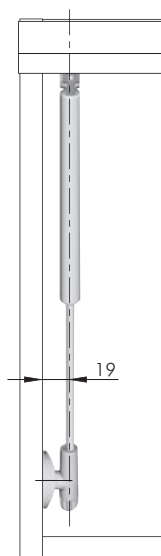
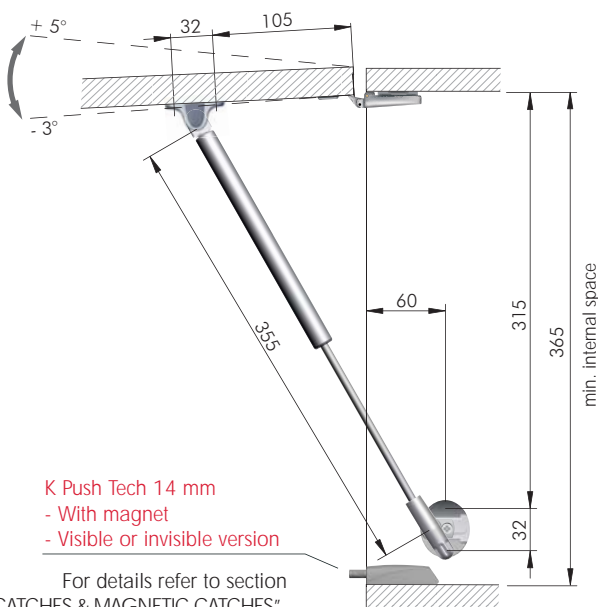
L 164 mm



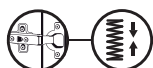
L 244 mm



L 355 mm



The dimensions of the above drilling plans refer to carcasses which use **standard unsprung hinges** and mounting plates 0 mm. Please note that the opening angle varies respect to the hinge brand and adjustment carried out.



Please note that utilization with **standard sprung hinges** and **K Push Tech with buffer** is also possible. In such case, after the door is initially released by K Push Tech, a manual opening approx. 7cm is required (in order to win the spring resistance). Consequently, the door will automatically open to the fullest.

For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".

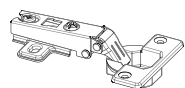
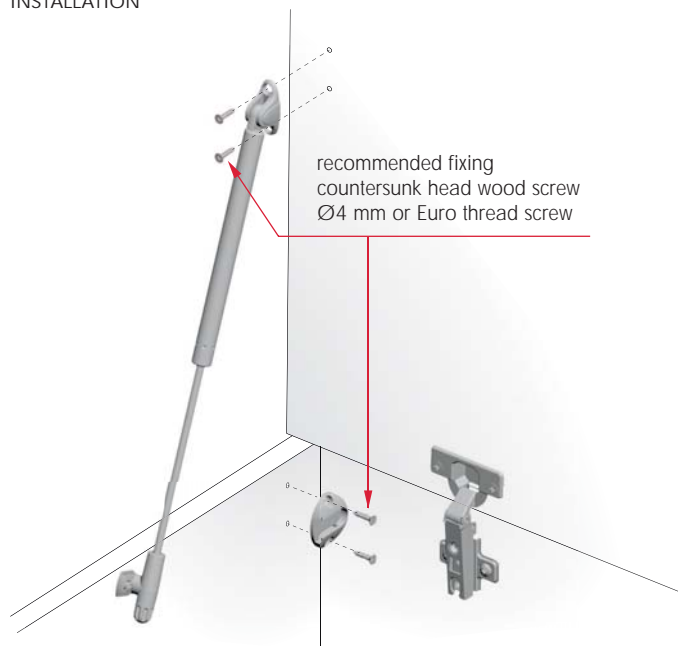




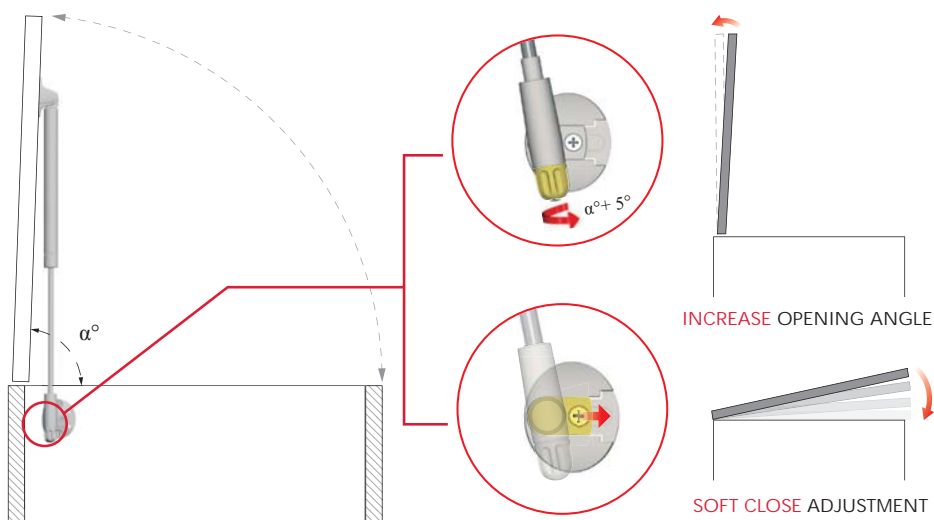
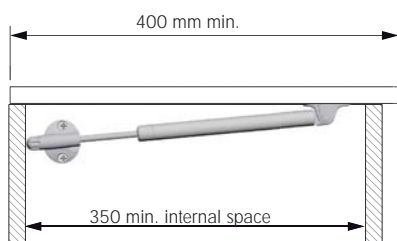
## KRABY FOR STORAGE CHEST OPENING



### INSTALLATION

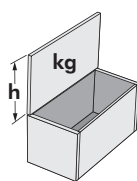


Using standard sprung hinges  
with integrated dumper further  
enhances the soft closing effect.

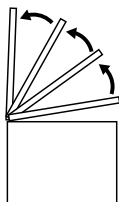




This drilling plan is intended for reference only. Each application may need minor variations in the placement of the holes; these variations should be evaluated and tested by the customer on a sample cabinet.



### Friction opening chart



h	Door weight (kg)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
400 - 474	-	1x45N		2x45N			2x60N			2x90N		-	-
475 - 549	-	1x90N	2x45N		2x60N		2x90N		-	-	-	-	-
550 - 600	-	1x90N	2x60N			2x90N		-	-	-	-	-	-

These are experimental results to be checked by the customer.

### Automatic opening chart



h	Door weight (kg)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
400 - 474	-	1x80N	1x100N	2x80N			2x100N	2x120N			-	-	-
475 - 549	-	1x120N		2x80N	2x100N	2x120N		-	-	-	-	-	-
550 - 600	-	-	2x100N		2x120N		-	-	-	-	-	-	-

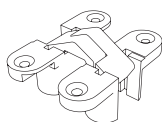
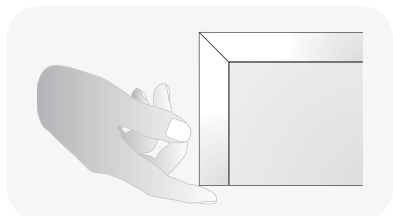
These are experimental results to be checked by the customer.



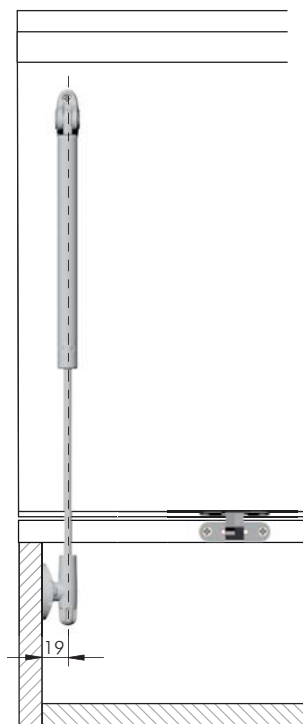
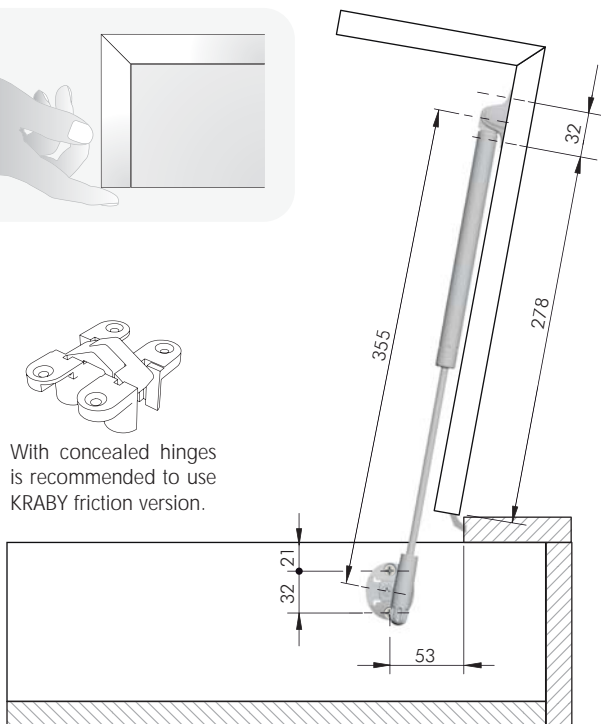


## DRILLING PLAN WITH CONCEALED HINGES

### HAND OPENING

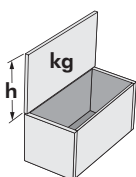


With concealed hinges is recommended to use KRABY friction version.

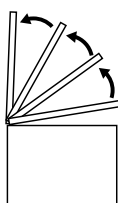


This drilling plan is intended for reference only. Each application may need minor variations in the placement of the holes; these variations should be evaluated and tested by the customer on a sample cabinet.

## Number of stays chart



## Friction opening chart



h	Door weight (kg)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
400 - 474	-	1x45N		2x45N			2x60N		2x90N				-
475 - 549	-	1x60N		2x45N		2x60N		2x90N		-	-	-	-
550 - 600	-	2x45N		2x60N		2x90N		-	-	-	-	-	-

These are experimental results to be checked by the customer.



OPENING SYSTEMS  
FOR LIFT UP AND DROP  
DOWN DOORS

## KRABY SYSTEM

**ITALIANA**  
ferramenta



ZAnk EP ST

= 50 pcs.



KRABY FRICTION VERSION

L			N
	42030030UZ		45
355	42031030UZ		60
	42032030UZ		90

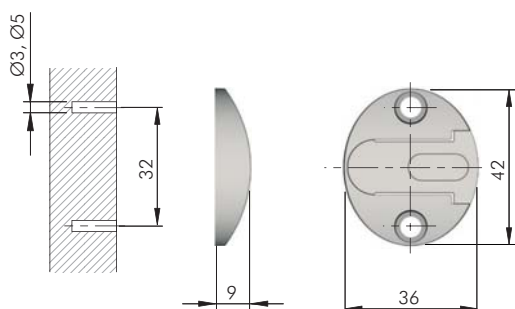


KRABY AUTOMATIC VERSION

L			N
	42131030UZ		80
355	42132030UZ		100
	42133030UZ		120



## SIDE BRACKET



= Ø 3, Ø 5 mm

ZA

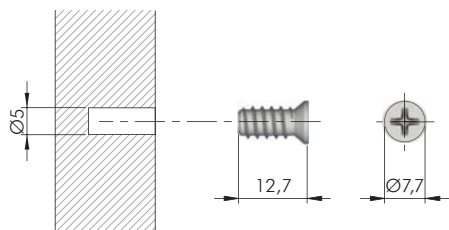
= 50 pcs.



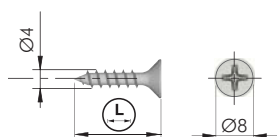
42901030YC



## FIXING ACCESSORIES



	= Ø 5 mm	+
	= PZ2	
ST		= 5.000 pcs.
123 60501050YA		



	= Ø 2,5 mm	+
	= PZ2	
ST		
123		
60101570YA	16	8000
60101580YA	18	500



## KRABY SYSTEM DROP DOWN

KRABY is an oil stay to open drop down doors. It has been conceived to be installed by using standard automatic drilling processes.

It is available in three different lengths and with a universal "Zero" N strength, to suit any door dimension and weight.

It boasts smooth and elegant movement to gently open the doors downwards. The opening angle adjustment can be carried out manually through the rotary knob, thus allowing to align nearby doors easily.

The adjustment of the piston base plate within the "U" slot of the side bracket can change the door opening.

KRABY grants a quick and easy installation, with no need to tension the strength.

Directly installed on solid or wider aluminium frame doors and wide range of special adapters to suit small aluminium door profiles.

All the parts (stay excluded) are in zinc alloy nickel plated and plastic.

**PATENTED**

Certificates available on request.



### INSTALLATION

recommended fixing countersunk head wood screws Ø3,5x16 mm or Euro thread screws

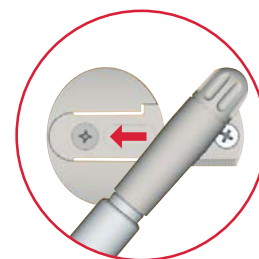
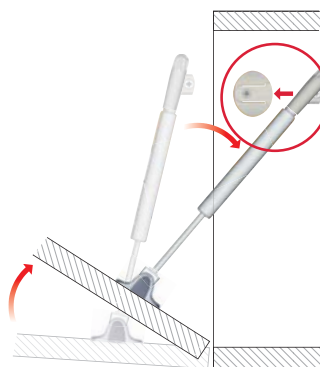
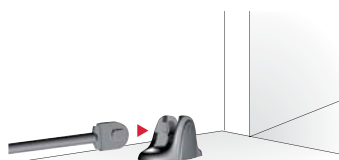
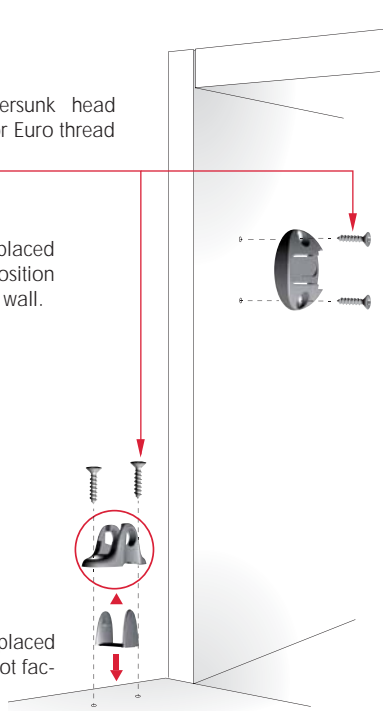
#### VERY IMPORTANT

The side bracket has to be placed with the slot in horizontal position and the open end facing the wall.

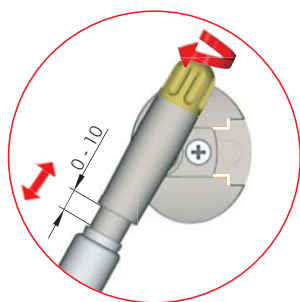


#### VERY IMPORTANT

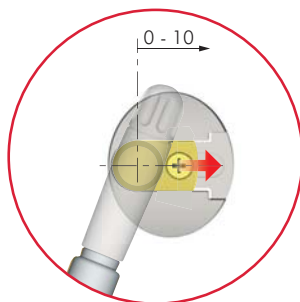
The door bracket has to be placed in vertical position with the slot facing forwards.



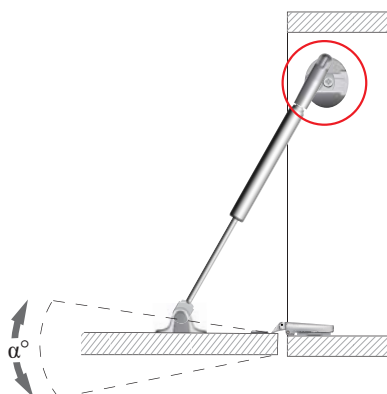
### ADJUSTMENTS



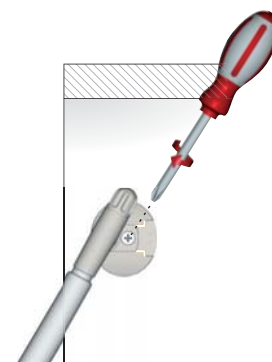
**INCREASE** OPENING ANGLE  
Rotate the rotary knob.



**REDUCE** OPENING ANGLE  
Move forward and backward the piston base plate in the bracket slot.

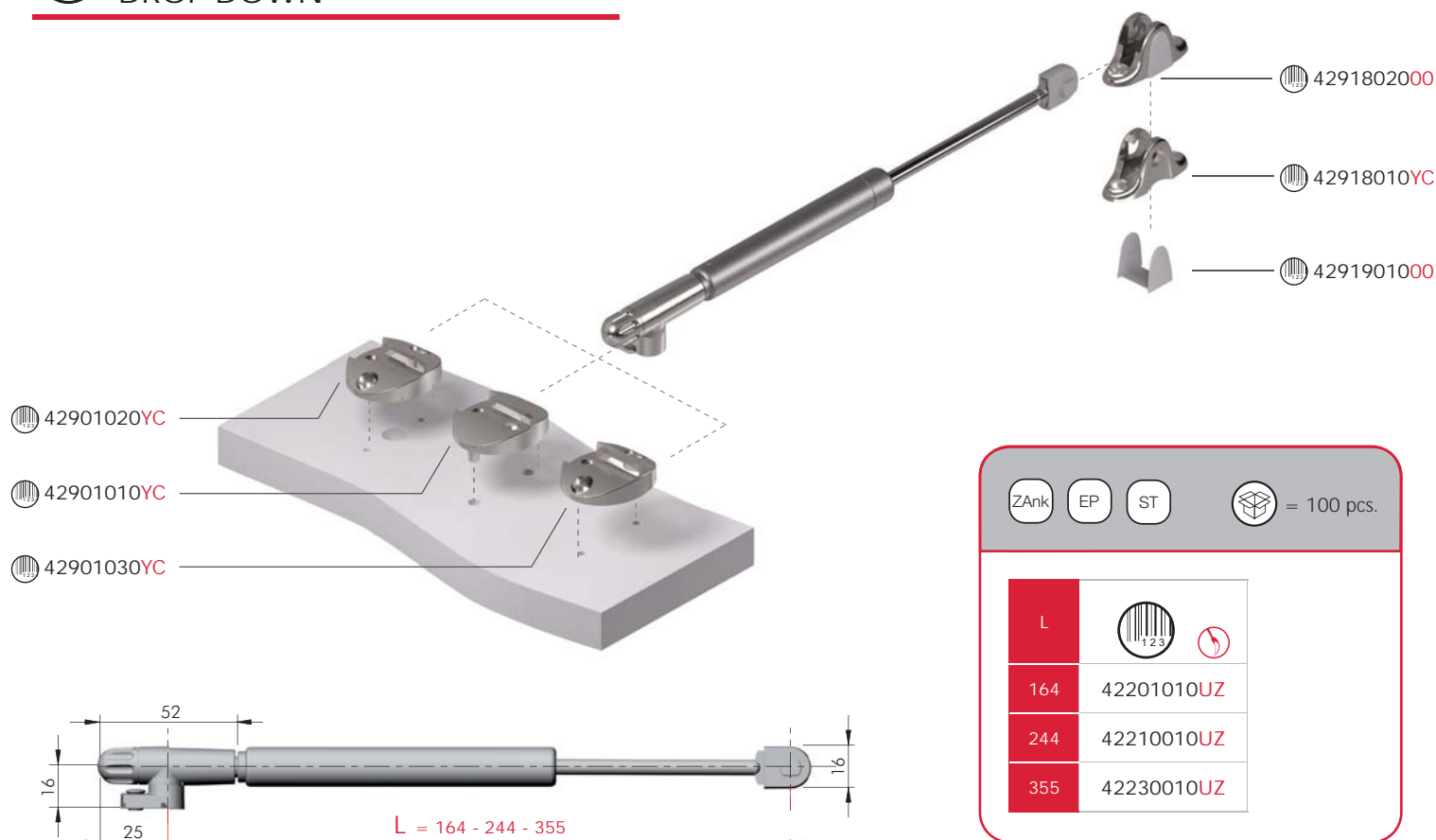


### LOCKING





## DROP DOWN



### Number of stays chart - L 164 mm

Rev. 02

h	Door weight (kg)					
	1	2	3	4	5	6
200 - 284	2 x Kraby		3 x Kraby		4 x Kraby	

### Number of stays chart - L 244 mm

Rev. 02

h	Door weight (kg)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
280 - 324	2 x Kraby						3 x Kraby				4 x Kraby		
325 - 424	2 x Kraby						3 x Kraby				4 x Kraby		
425 - 500	2 x Kraby						3 x Kraby				4 x Kraby		

### Number of stays chart - L 355 mm

Rev. 02

NEW 2021

h	Door weight (kg)												
	1	2	3	4	5	6	7	8	9	10	11	12	13
380 - 500	2 x Kraby											3 x Kraby	
501 - 600	2 x Kraby									3 x Kraby			

These are experimental results to be checked by the customer. In accordance with the actual European regulation, we suggest to use at least two stays for each door. Our technical department is at your disposal to test further cases out of this chart.



## DROP DOWN DRILLING PLANS WITH KIMANA HINGE

KRABY CONFIGURATOR:



### L 164 mm



Magnet K Lock  
visible or invisible



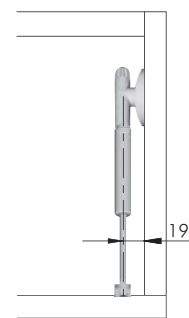
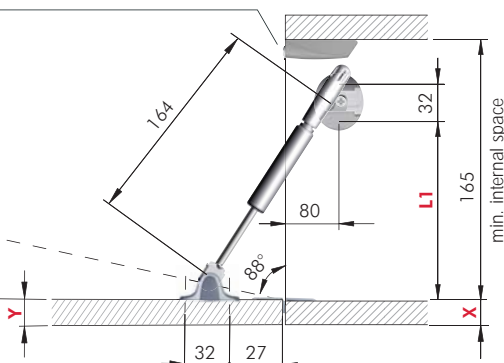
K Push Tech 20 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

Overcrossing 90° door opening  
angle, it negatively effects the  
Kimana hinges. ⚠️

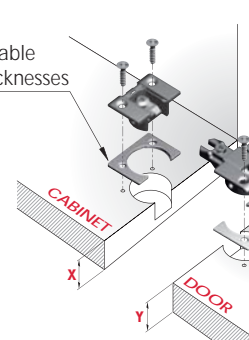


- 12°  
90° max



Cabinet (X)		Door (Y)		L1
16 mm	4 mm	16 mm	2 mm	117
16 mm	4 mm	19 mm	-	119
18 mm	2 mm	18 mm	-	117
19 mm	-	16 mm	2 mm	113
19 mm	-	19 mm	-	115
20 mm	-	20 mm	-	115

adapter available  
in various thicknesses



adapter available  
in various thicknesses

For Kimana and adapter details refer to section "HINGES".

### L 244 mm



Magnet K Lock  
visible or invisible



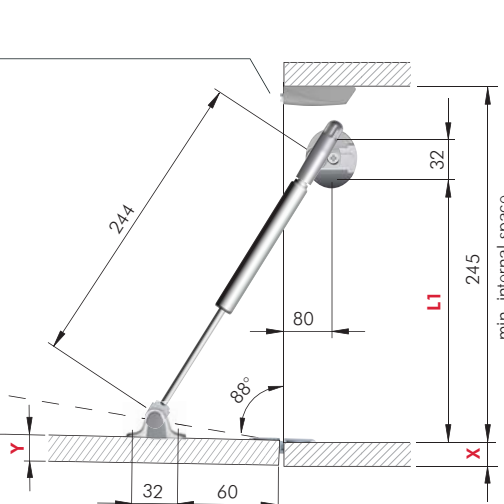
K Push Tech 20 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

Overcrossing 90° door opening  
angle, it negatively effects the  
Kimana hinges. ⚠️

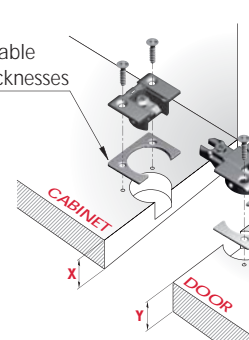


- 8°  
90° max



Cabinet (X)		Door (Y)		L1
16 mm	4 mm	16 mm	2 mm	197
16 mm	4 mm	19 mm	-	199
18 mm	2 mm	18 mm	-	197
19 mm	-	16 mm	2 mm	193
19 mm	-	19 mm	-	195
20 mm	-	20 mm	-	195

adapter available  
in various thicknesses



adapter available  
in various thicknesses

For Kimana and adapter details refer to section "HINGES".



L 355 mm

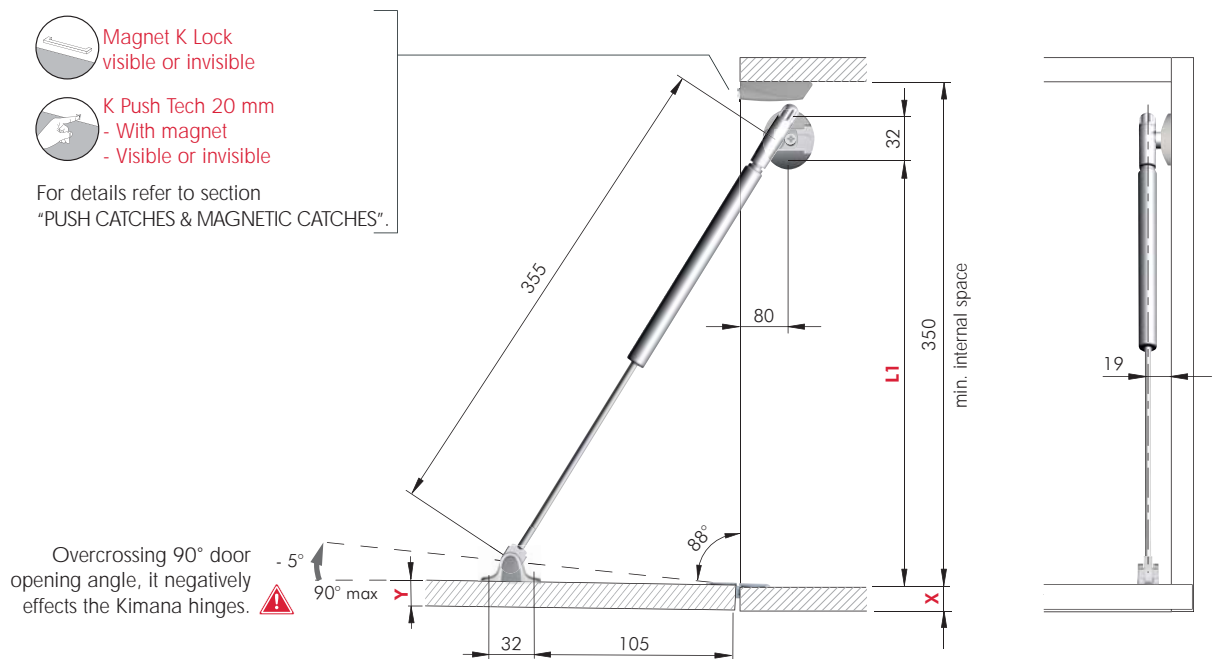


Magnet K Lock  
visible or invisible



K Push Tech 20 mm  
- With magnet  
- Visible or invisible

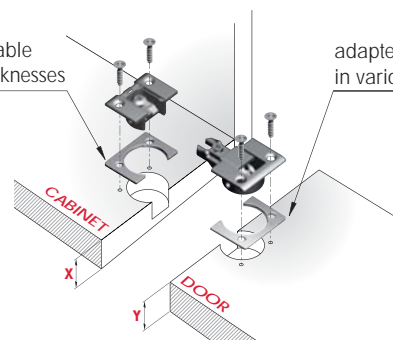
For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".



Cabinet (X)		Door (Y)		L1
16 mm	4 mm	16 mm	2 mm	302
16 mm	4 mm	19 mm	-	304
18 mm	2 mm	18 mm	-	302
19 mm	-	16 mm	2 mm	298
19 mm	-	19 mm	-	300
20 mm	-	20 mm	-	300

For Kimana and adapter details refer to section "HINGES".

adapter available  
in various thicknesses



adapter available  
in various thicknesses



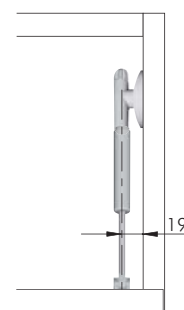
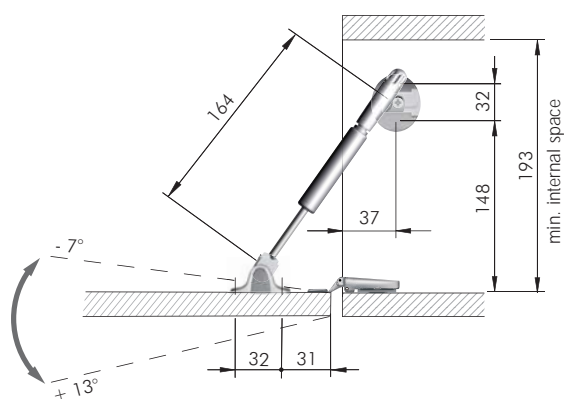


## DROP DOWN DRILLING PLANS WITH STANDARD HINGES OPENING WITH HANDLE

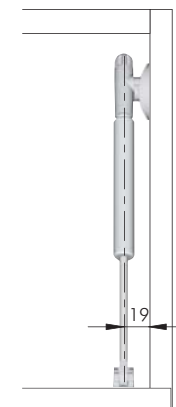
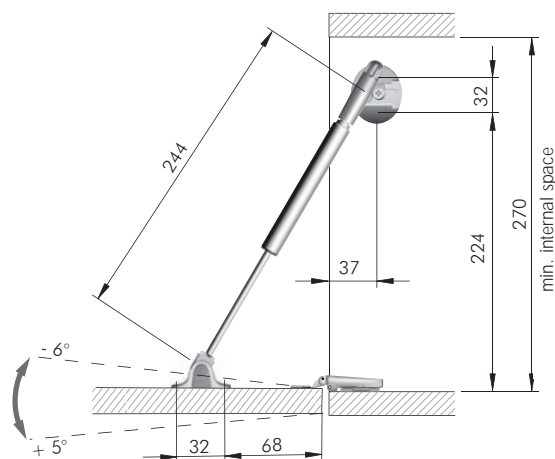
KRABY CONFIGURATOR:



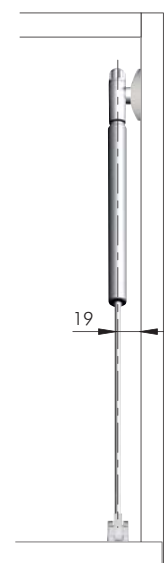
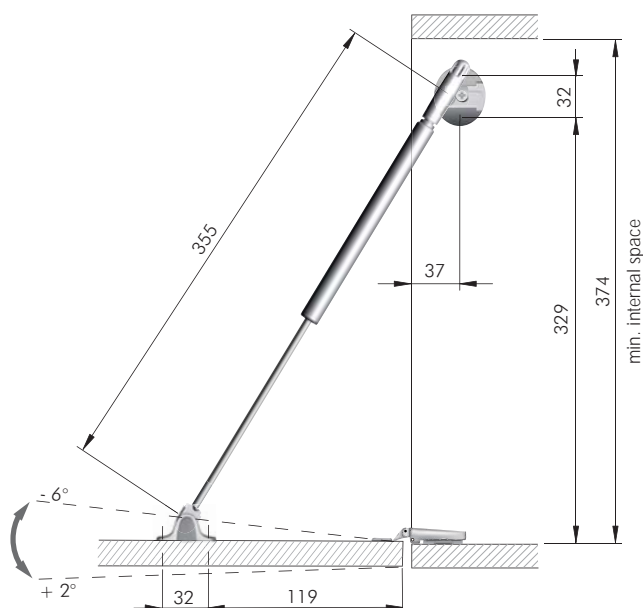
L 164 mm



L 244 mm



L 355 mm



The dimensions of the drilling plans refer to carcasses which use **standard sprung hinges** and mounting plates 0 mm. Please note that the opening angle varies respect to the hinge brand and adjustment carried out.



Please note that in case of use of **unsprung hinges**, magnet **K Lock** is required. For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



## DROP DOWN DRILLING PLANS WITH STANDARD HINGES PUSH TO OPEN

KRABY CONFIGURATOR:

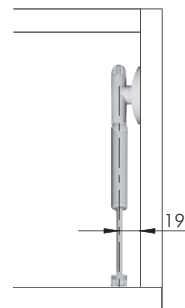
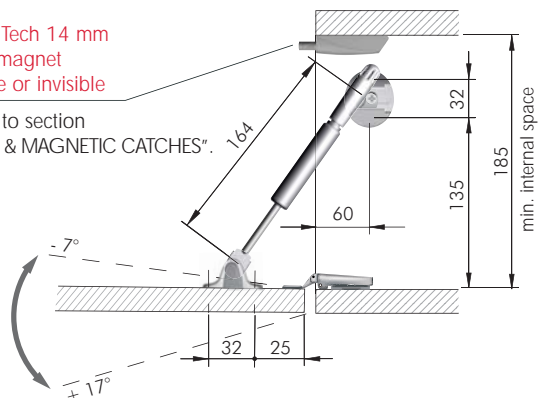


L 164 mm



K Push Tech 14 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

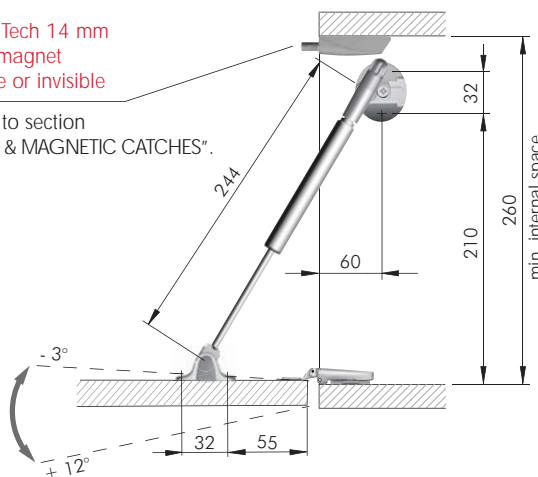


L 244 mm



K Push Tech 14 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

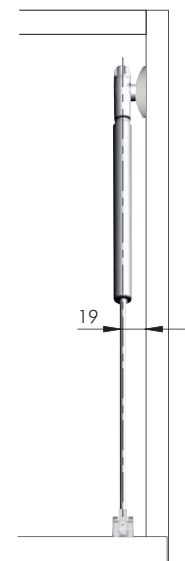
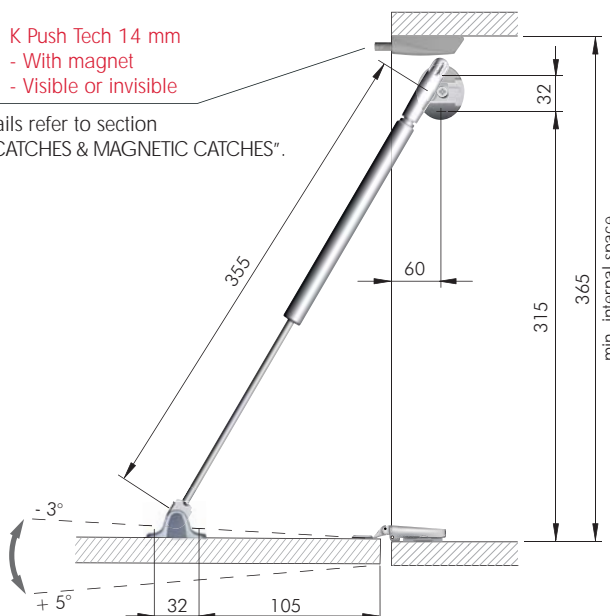


L 355 mm



K Push Tech 14 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".



The dimensions of the drilling plan refer to carcasses which use **standard unsprung hinges** and mounting plates 0 mm. Please note that the opening angle varies respect to the hinge brand and adjustment carried out.



Please note that utilization with **standard sprung hinges** and **K Push Tech with buffer** is also possible. In such case, after the door is initially released by K Push Tech, a manual opening approx. 7cm is required (in order to win the spring resistance). Consequently, the door will automatically open to the fullest. For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



## DROP DOWN DRILLING PLANS WITH FLAP HINGE

KRABY CONFIGURATOR:



### L 164 mm



Magnet K Lock  
visible or invisible



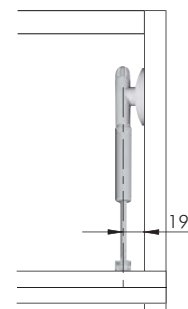
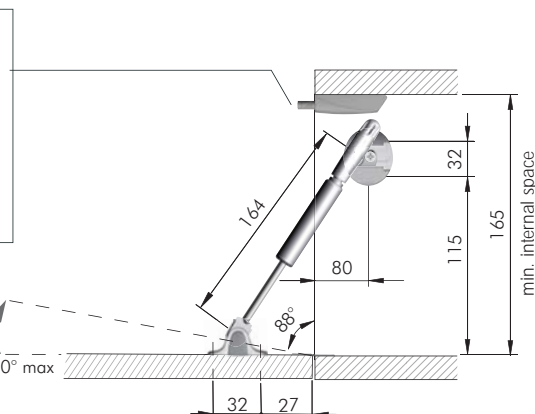
K Push Tech 20 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

Overcrossing 90° door opening  
angle, it negatively effects the  
flap hinges. ⚠



- 12°  
90° max



### L 244 mm



Magnet K Lock  
visible or invisible



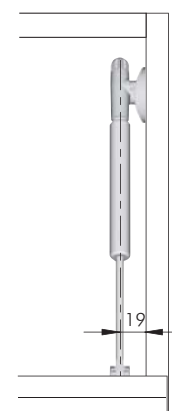
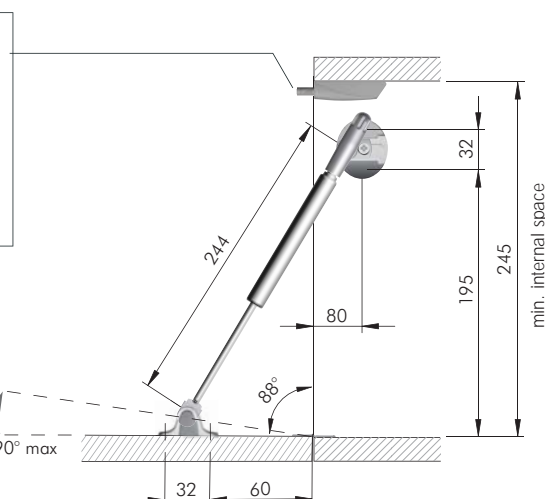
K Push Tech 20 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

Overcrossing 90° door opening  
angle, it negatively effects the  
flap hinges. ⚠



- 8°  
90° max



### L 355 mm



Magnet K Lock  
visible or invisible



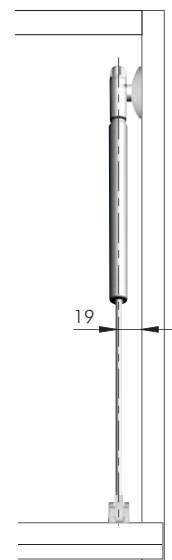
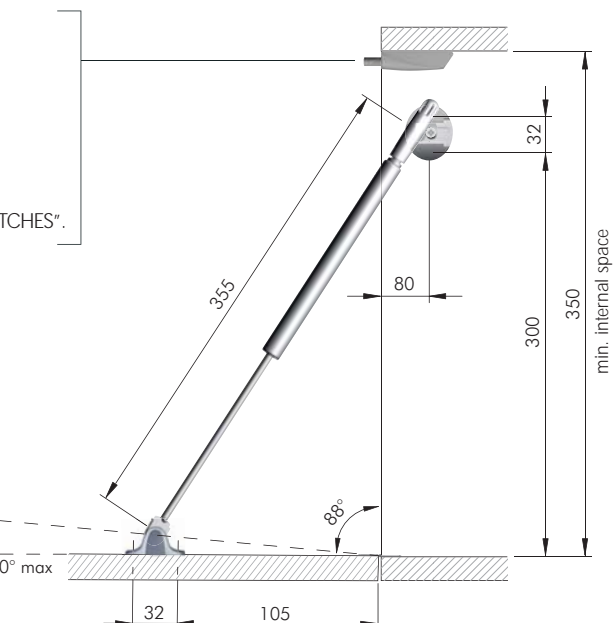
K Push Tech 20 mm  
- With magnet  
- Visible or invisible

For details refer to section  
"PUSH CATCHES & MAGNETIC CATCHES".

Overcrossing 90°  
door opening  
angle, it  
negatively effects the  
flap hinges. ⚠

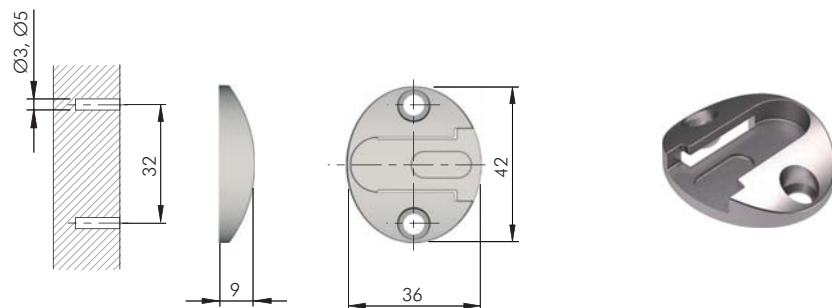


- 5°  
90° max





## KRABY BRACKETS



= Ø 3, Ø 5 mm

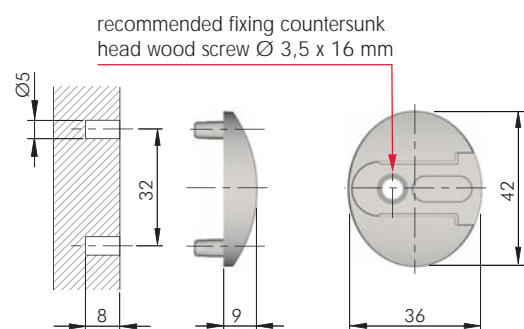
ZA



= 50 pcs.



42901030YC



= Ø 5 mm

ZA



= 50 pcs.



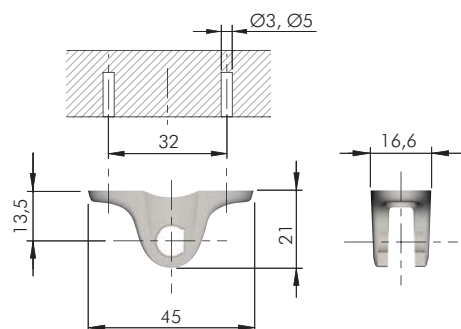
42901010YC



OPENING SYSTEMS  
FOR LIFT UP AND DROP  
DOWN DOORS

KRABY SYSTEM

ITALIANA<sup>®</sup>  
ferramenta



= Ø 3, Ø 5 mm

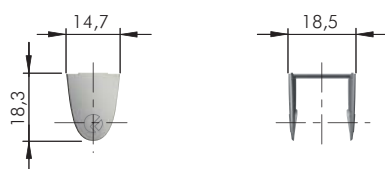
ZA



= 50 pcs.



42918010YC



EPg



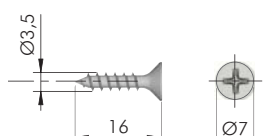
= 100 pcs.



4291901000



## KRABY FIXING ACCESSORIES



= Ø 2,5 mm



= PZ2

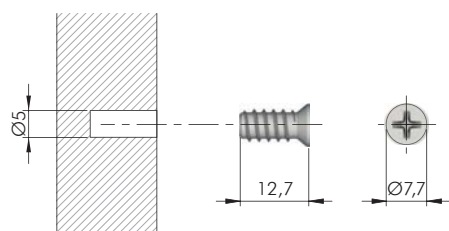
ST



= 100 pcs.



60101390YA



= Ø 5 mm



= PZ2

ST



= 5000 pcs.



60501050YA

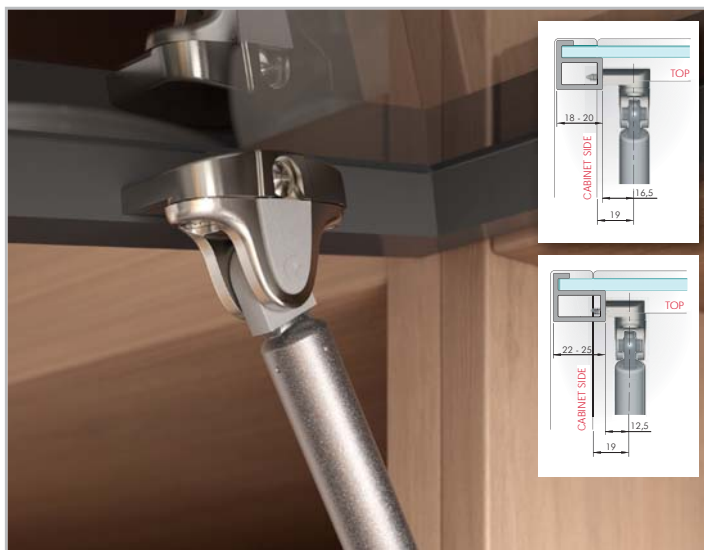




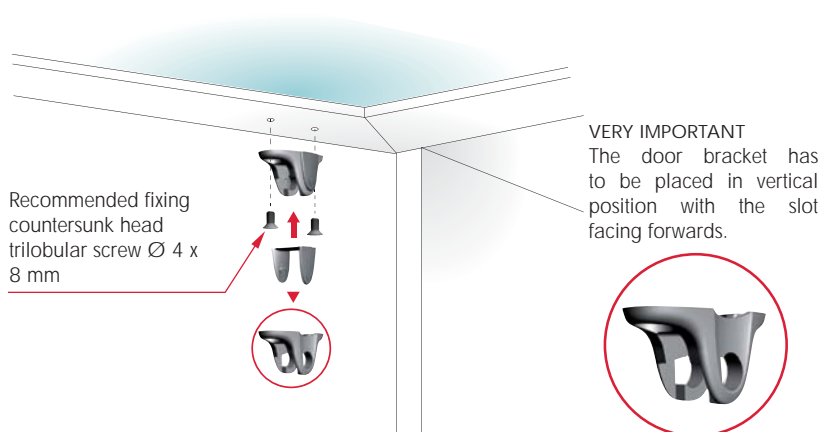
## KRABY ADAPTERS FOR ALUMINIUM FRAME DOOR



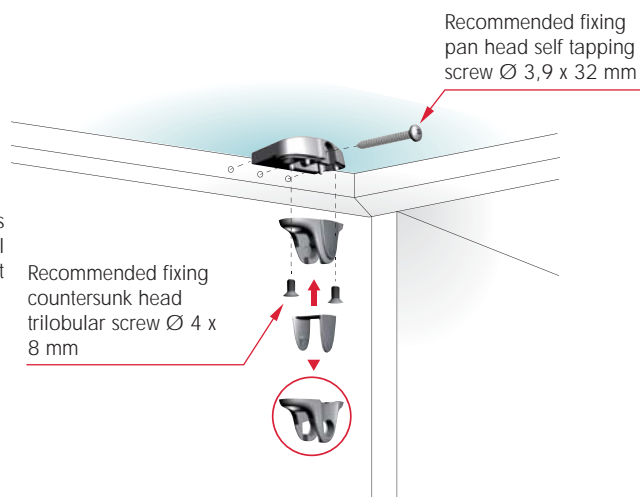
INSTALLATION ON WIDER ALUMINIUM FRAME DOOR



INSTALLATION ON NARROW ALUMINIUM FRAME DOOR



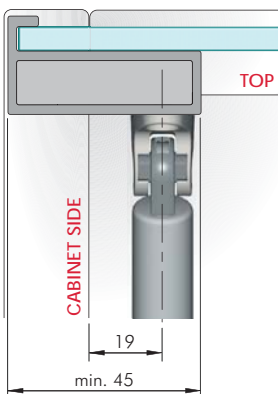
Recommended fixing  
countersunk head  
trilobular screw Ø 4 x  
8 mm



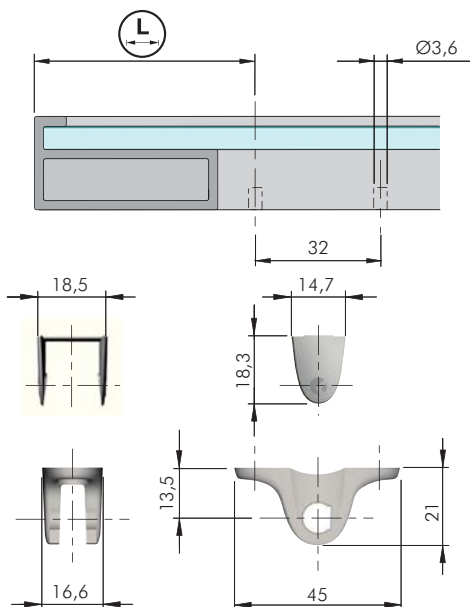
Recommended fixing  
countersunk head  
trilobular screw Ø 4 x  
8 mm

### WIDER ALUMINIUM FRAME DOOR

Condition A



Assembling



= Ø 3,6 mm

ZA EP



42918010YC

4291901000



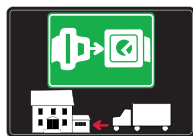
50

100



# SYMBOLS AND FINISHES LEGEND

## SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= WITH BUFFER



= PART NO.



= BLADE SLOT



= WITH MAGNET



= PCS. PER PACKAGE



= COMBI SLOT



= HEXAGONAL SOCKET



= NEWTON



= CAPACITY LOADING



= HEXALOBULAR SOCKET



= FRICTION



= WOOD / GLASS THICKNESS



= COUNTERSUNK HEAD



= AUTOMATIC



= HOLE DIAMETER



= PAN HEAD



= DROP DOWN



= DIAMETER



= FLANGE HEAD



= LENGTH



= FLAT HEAD



= STANDARD HINGE



= HEIGHT



= TRILOBULAR SCREW



= KIMANA HINGE



= RIGHT VERSION



= SELF-TAPPING SCREW



= FLAP HINGE



= LEFT VERSION



= EURO THREAD



= WITH SPRING



= SETTING CODE



= METRIC THREAD



= WITHOUT SPRING



= PCS. PER PAD



= PRE-INSERTED SCREW



= REVERSED SPRING



= CUT ON REQUEST



= PRE-INSERTED SCREW AND SPREADING BUSH



= WITH FLANGE



= SELF ADHESIVE

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



## MATERIALS

<b>ZA</b> = Zinc Alloy	<b>ST</b> = Steel	<b>HSS</b> = High Speed Steel	<b>BR</b> = Brass	<b>ABS</b> = Acrylonitrile Butadiene Styrene	<b>TPU</b> = Thermoplastic Polyurethane
<b>ZAnk</b> = Nickel-plated Zinc Alloy	<b>STzk</b> = Zinc-plated Steel	<b>AL</b> = Aluminium	<b>WD</b> = Wood	<b>EVA</b> = Ethylene Vinyl Acetate	

<b>EP</b> = ENGINEERING PLASTIC	+ <b>EP</b> = other engineering plastic available on request	<b>SR</b> = SOFT RUBBER	+ <b>SR</b> = other soft rubber available on request
---------------------------------	--	-------------------------	--

<b>EPn</b> = Natural Engineering Plastic	<b>EPc</b> = Clear Engineering Plastic	<b>SRn</b> = Natural Soft Rubber
<b>EPw</b> = White Engineering Plastic	<b>EPg</b> = Grey Engineering Plastic	<b>SRw</b> = White Soft Rubber
<b>EPb</b> = Black Engineering Plastic	<b>EPa</b> = Anthracite Engineering Plastic	<b>SRb</b> = Black Soft Rubber

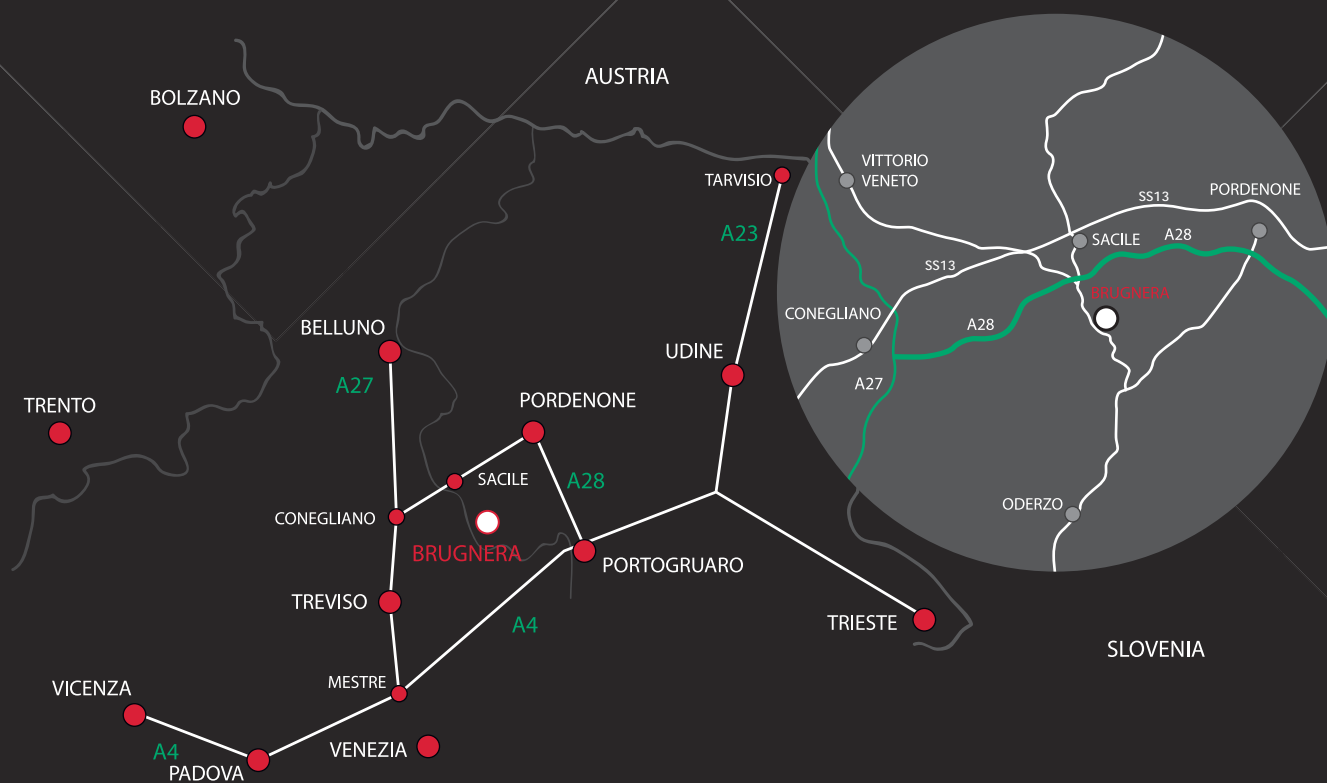


## FINISHES



+ OTHER FINISHES AVAILABLE ON REQUEST

PART NO.	FINISHES	PART NO.	FINISHES	PART NO.	FINISHES
00	Insignificant finish	IF	Grey 7	XE	Inox
AA	Natural	IJ	Light Grey	YA	Nickel-plated
AB	White	IL	Grey 20	YC	Matt Nickel-plated
AE	White 9010	IN	Grey met. 26	YD	Satin-finished Nickel-plated
EA	Black	JG	Aluminium 5	YQ	Black Nickel
EC	Matt Black	JL	Aluminium PE 11	Z9	Black Zinc
EE	Anthracite	JM	Aluminium RAL 9006	ZN	Zinc-plated
EW	Grey 9007	KB	Bright Chrome	ZQ	Bright Gold
FU	Gunmetal	KC	Matt Chrome	ZZ	Clear/Transparent
FV	Gunmetal V52	LD	Brown 8019		
GR	Zamak Raw	RO	Red		
HA	Brass-Plated	UT	T-Met 9007		
HH	Tropicalized	UZ	T-Met		
HL	Raw Brass	WA	Bronzed		
HX	Graphite	WI	Burnished		
IA	Grey	XD	Satin-finished Steel		



[www.italianaferramenta.com](http://www.italianaferramenta.com)

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