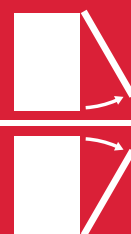
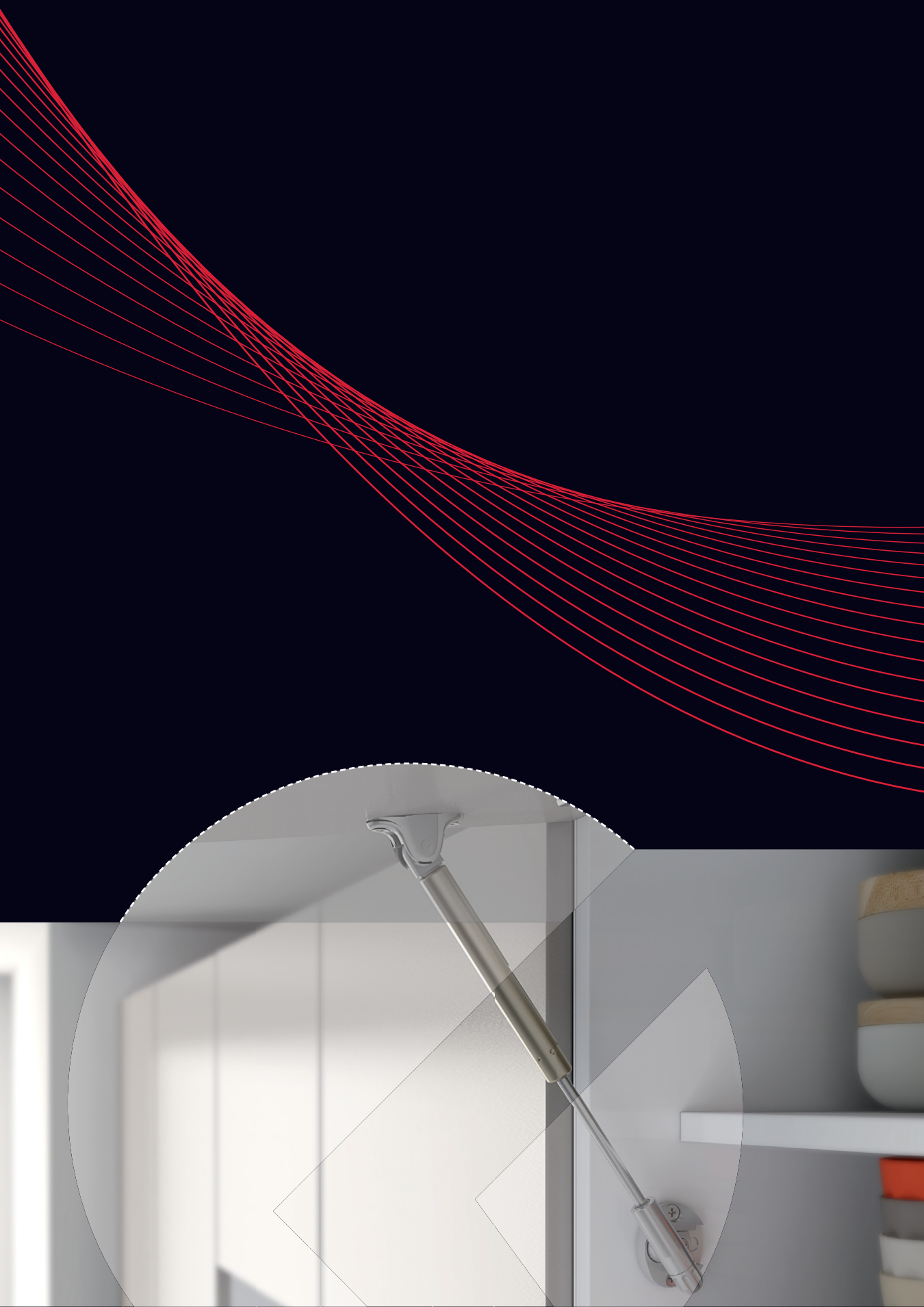


KRABY LID STAY SYSTEM



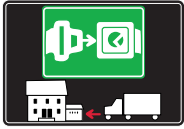
OPENING  
SYSTEMS  
FOR FLAP AND  
DROP DOWN  
DOORS





# SYMBOLS AND FINISHES LEGEND

## SYMBOLS



= SHELF SAFELY LOCKED DURING TRANSPORTATION AND AT HOME.



= ANTI-TURNOVER LOCKING SYSTEM



= NORMS / PATENTS



= PHILLIPS / POZIDRIV



= NEWTON



= PART.NO



= HEXAGONAL SOCKET



= FRICTION



= PCS. PER PACKAGE



= BLADE SLOT



= AUTOMATIC



= COMBI SLOT



= DROP DOWN



= CAPACITY LOADING



= COUNTERSUNK HEAD



= WOOD / GLASS THICKNESS



= PAN HEAD



= STANDARD HINGE



= HOLE DIAMETER



= FLANGE HEAD



= KIMANA HINGE



= DIAMETER



= FLAT HEAD



= FLAP HINGE



= LENGTH



= TRILOBULAR SCREW



= WITH SPRING



= HEIGHT



= SELF-TAPPING SCREW



= WITHOUT SPRING



= RIGHT VERSION



= EURO THREAD



= REVERSED SPRING



= LEFT VERSION



= METRIC THREAD



= SETTING CODE



= PRE-INSERTED SCREW



= FOR ROUND TUBE



= PCS. PER PAD



= PRE-INSERTED SCREW AND SPREADING BUSH



= FOR OVAL TUBE



= CUT ON REQUEST



= WITH BUFFER



= SELF ADHESIVE



= WITH MAGNET



= WITH FLANGE

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>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

**EP** = **ENGINEERING PLASTIC**

+ **EP** = other engineering plastic available on request

**SR** = **SOFT RUBBER**

+ **SR** = 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>EPwg</b> = Water Green Engineering Plastic		<b>SRb</b> = Black Soft Rubber

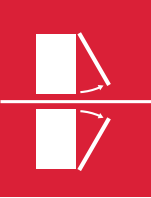


## FINISHES



+ **OTHER FINISHES AVAILABLE ON REQUEST**

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



OPENING  
SYSTEMS FOR  
FLAP AND  
DROP DOWN  
DOORS

# KRABY SYSTEM





## KRABY SYSTEM LIFT UP

**KRABY** is the new gas and oil stay conception with a completely new design to open flap doors. It has been conceived to be installed by using standard automatic drilling processes. It is available in several newton strengths to suit small - medium - big - maxi size doors. 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 S.F. version, once you begin to open the door, it continues to open gently and completely by itself.

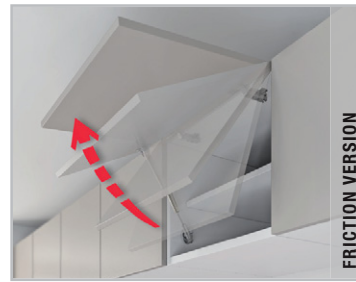
- Friction version, the stay holds the door in any position required.

Useful method:

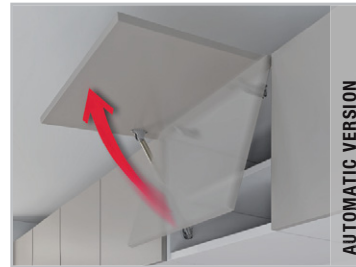
- For aligning nearby doors through the rotary knob placed on the piston base plate.

- To change the time in opening and closing of the door by adjusting the position of the piston base plate within the "U" slot of the side bracket.

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



FRICION VERSION



AUTOMATIC VERSION



PATENTED  
UNI 8607/05 Level 5



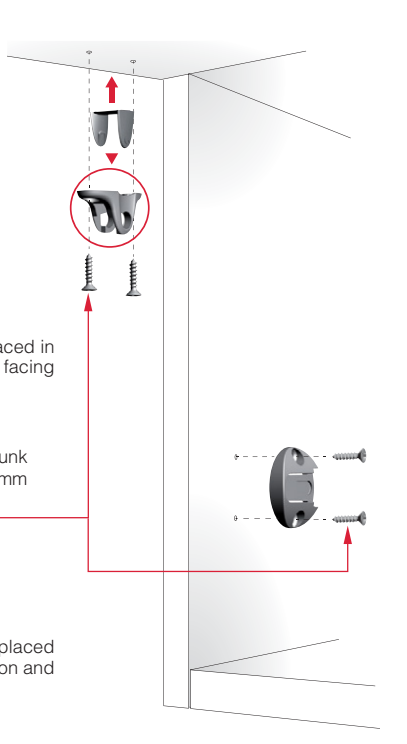
### INSTALLATION



#### VERY IMPORTANT

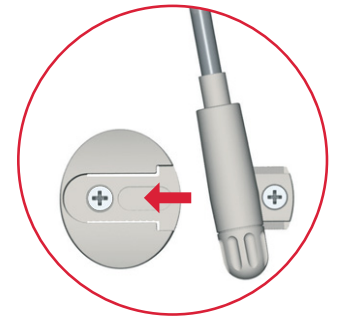
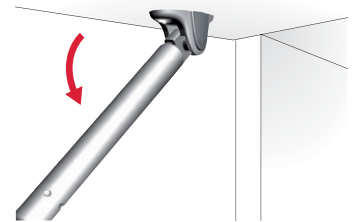
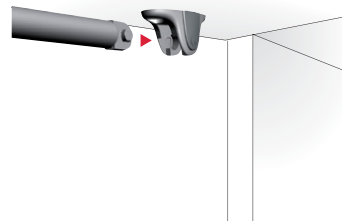
The door bracket has to be placed in vertical position with the slot facing forwards.

recommended fixing countersunk head wood screws  $\varnothing 3,5 \times 16$  mm or Euro thread screws.

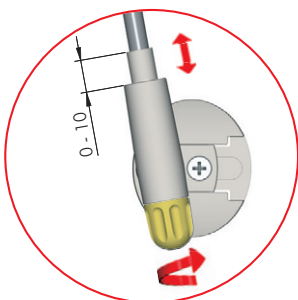


#### VERY IMPORTANT

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

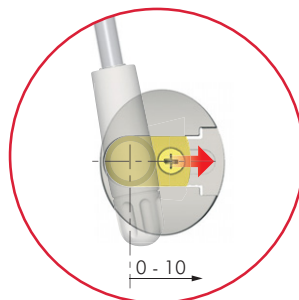


### ADJUSTMENTS



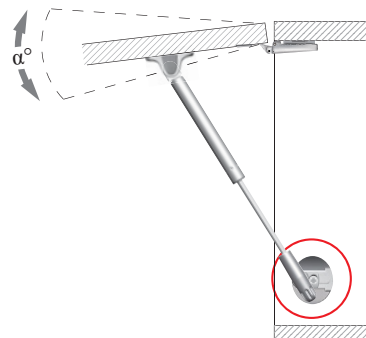
#### INCREASE OPENING ANGLE

Rotate the rotary knob.

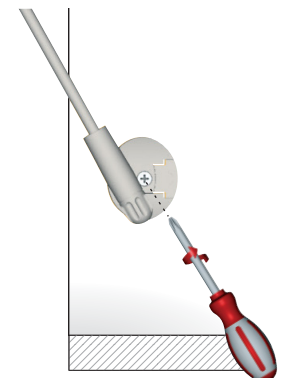


#### REDUCE OPENING ANGLE

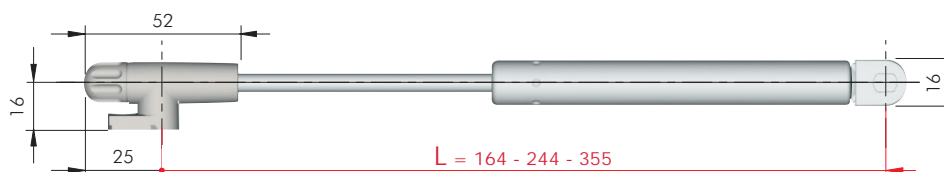
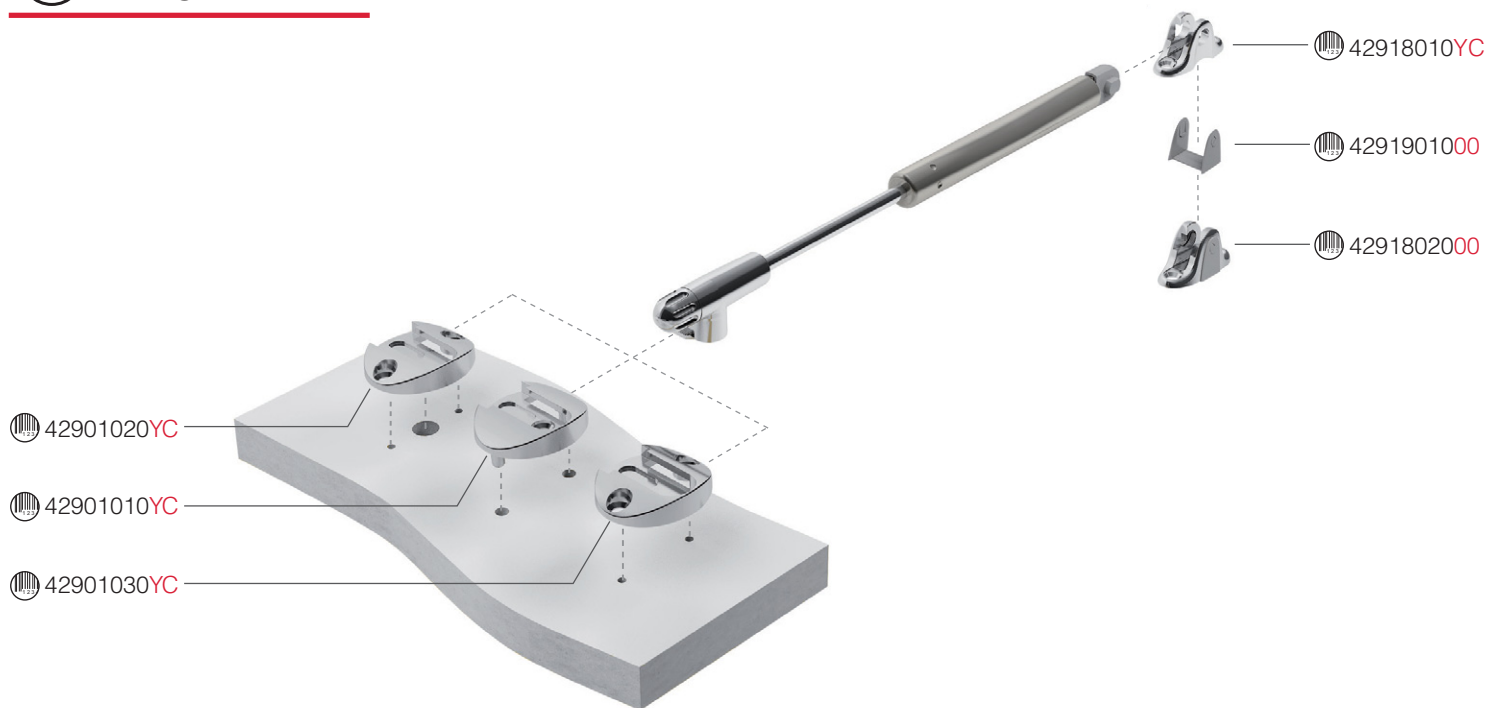
Move forward and backward the piston base plate in the bracket slot.



### LOCKING

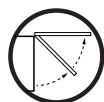


**LIFT UP**



ZAnk EP ST

= 100 pcs.



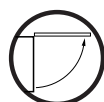
**KRABY FRICTION VERSION**

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.

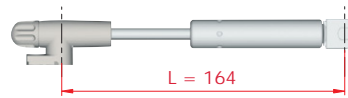
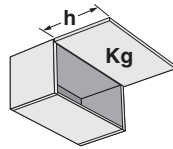
L			N
164	42101010UZ		50
	42102010UZ		80
	42103010UZ		120

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

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



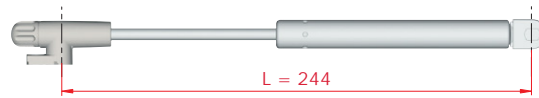
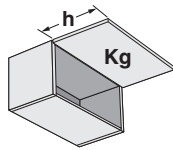
**Number of stays chart - L 164 mm**



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**

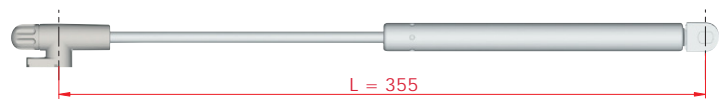
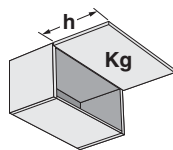


Rev. 02

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	3x120N			Friction	

\* Strengths available on request.

**Number of stays chart - L 355 mm**



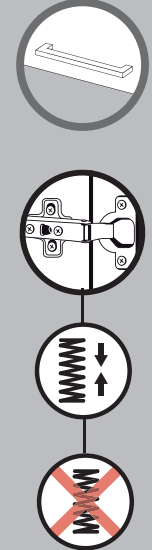
Rev. 02

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		
575 - 624	Automatic	2x50N		2x80N	2x100N	2x120N	2x160N			2x180N	2x200N			Automatic		
	Friction	2x45N						2x60N						2x90N		
625 - 700	Automatic	2x50N		2x80N	2x100N	2x120N	2x160N			2x180N	2x200N			Automatic		
	Friction	2x45N			2x60N			2x90N		2x120N				Friction		

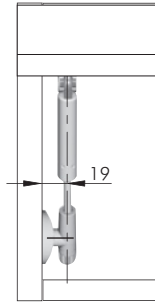
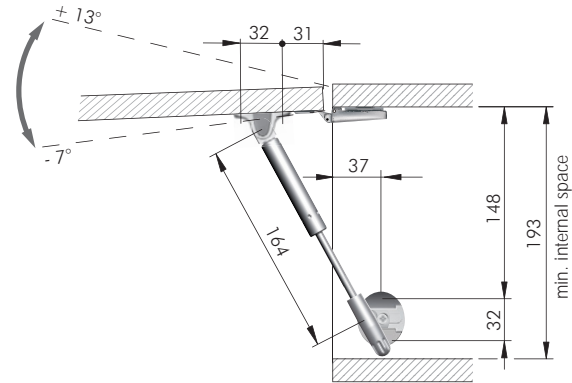
These are experimental results to be checked by the customer. Our Technical Department is at your disposal to test further cases out of this charts.



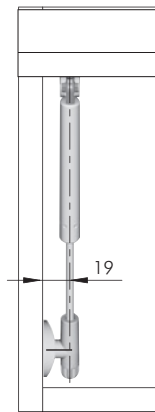
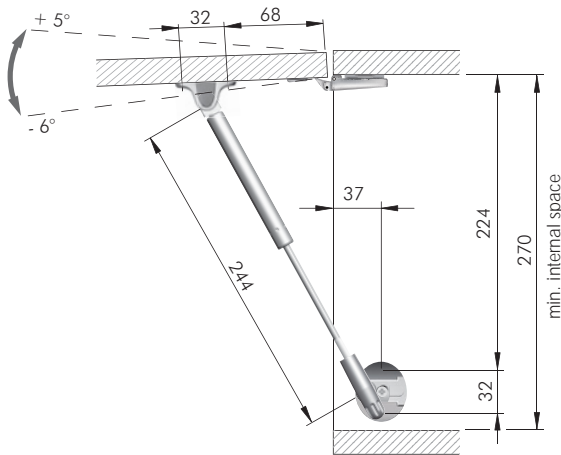
## LIFT UP DRILLING PLANS WITH STANDARD HINGES - OPENING WITH HANDLE



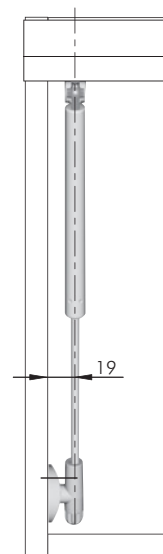
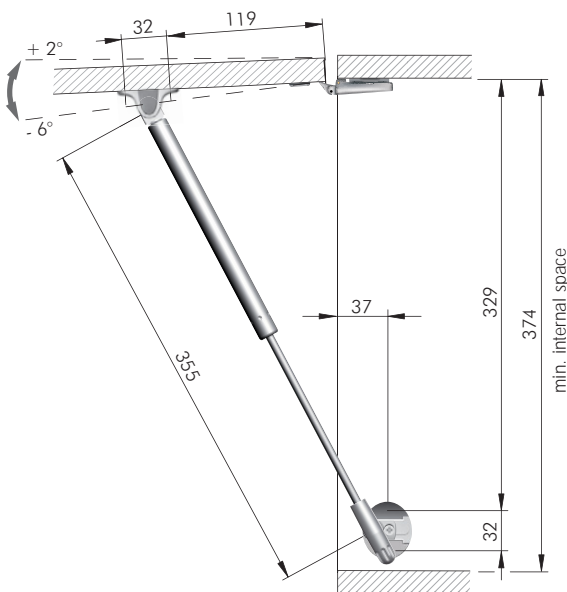
### L 164 mm



### 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 shown data is purely indicative. It varies with 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".

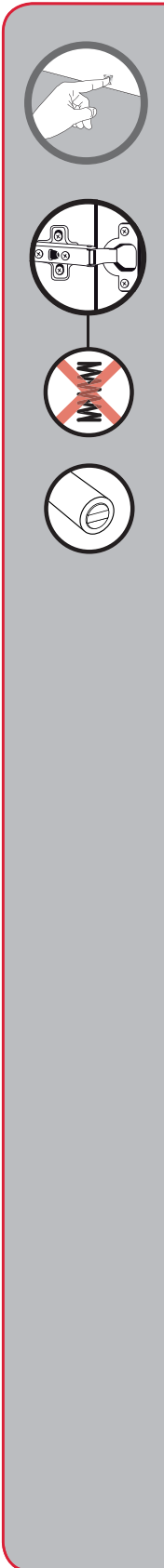




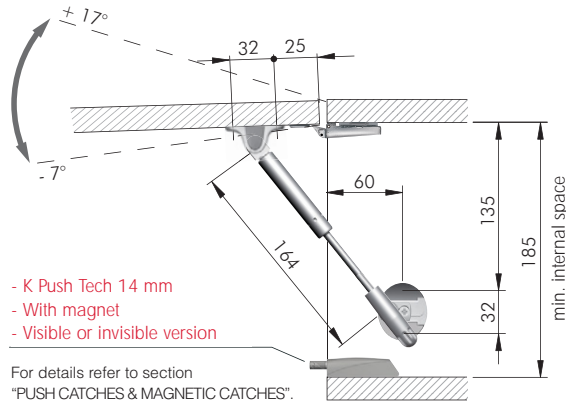
KRABY CONFIGURATOR:



**LIFT UP DRILLING PLANS WITH STANDARD HINGES - PUSH TO OPEN**



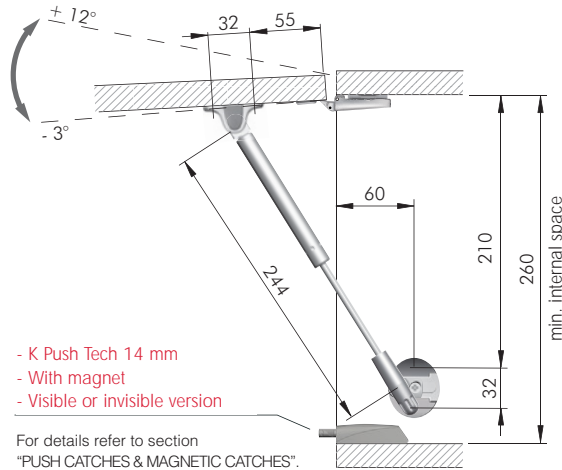
**L 164 mm**



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

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

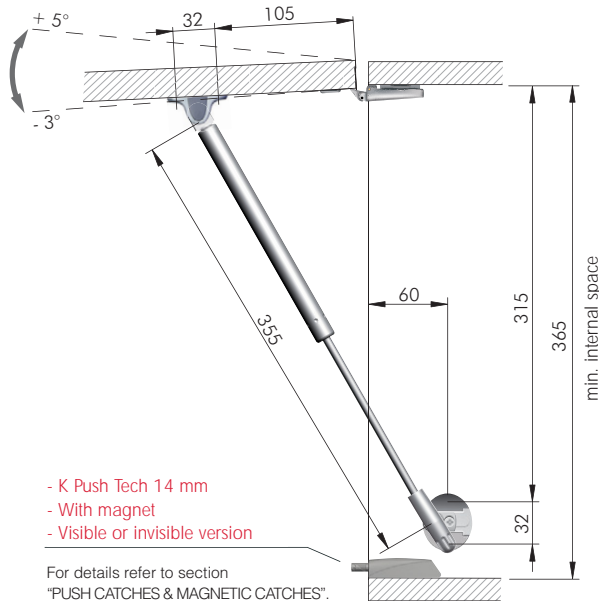
**L 244 mm**



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

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

**L 355 mm**



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

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

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 shown data is purely indicative. It varies with 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 DROP DOWN



PATENTED  
UNI 8607/05 Level 5 

### INSTALLATION

recommended fixing countersunk head wood screws  $\varnothing 3,5 \times 16$  mm or Euro thread screws

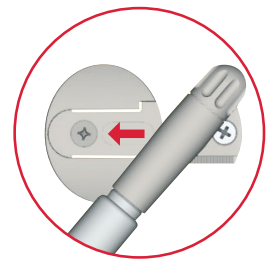
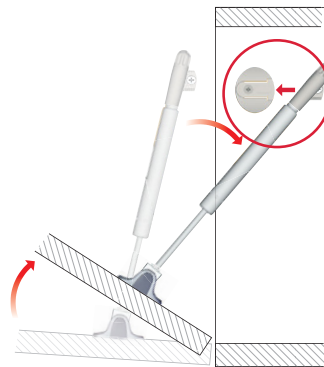
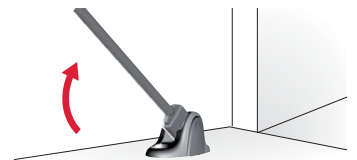
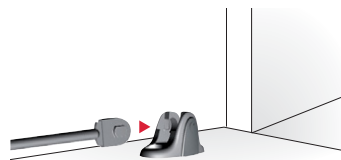
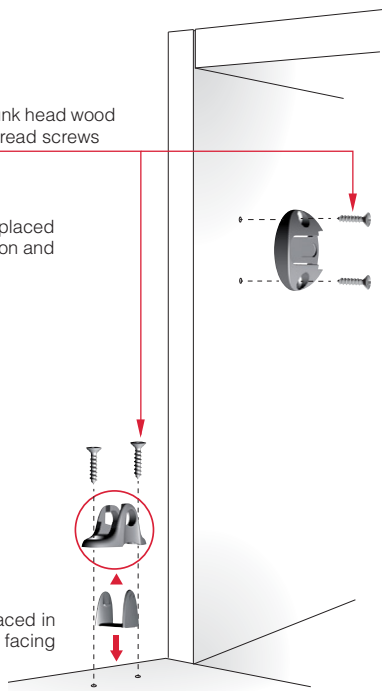
**VERY IMPORTANT**

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

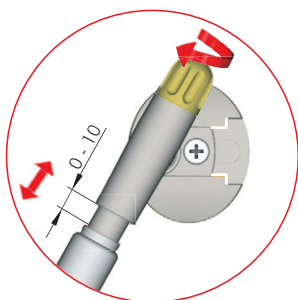


**VERY IMPORTANT**

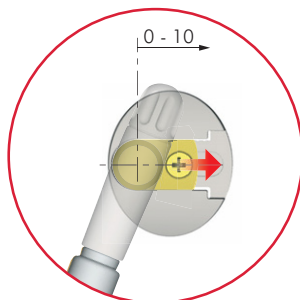
The door bracket has to be placed in vertical position with the slot facing forwards.



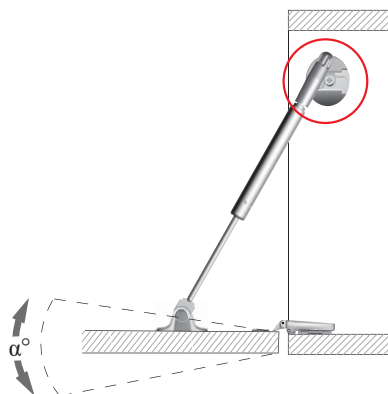
### ADJUSTMENTS



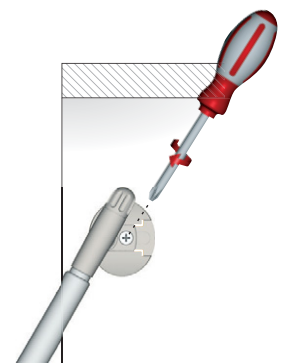
**INCREASE OPENING ANGLE**  
Rotate the rotary knob.



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

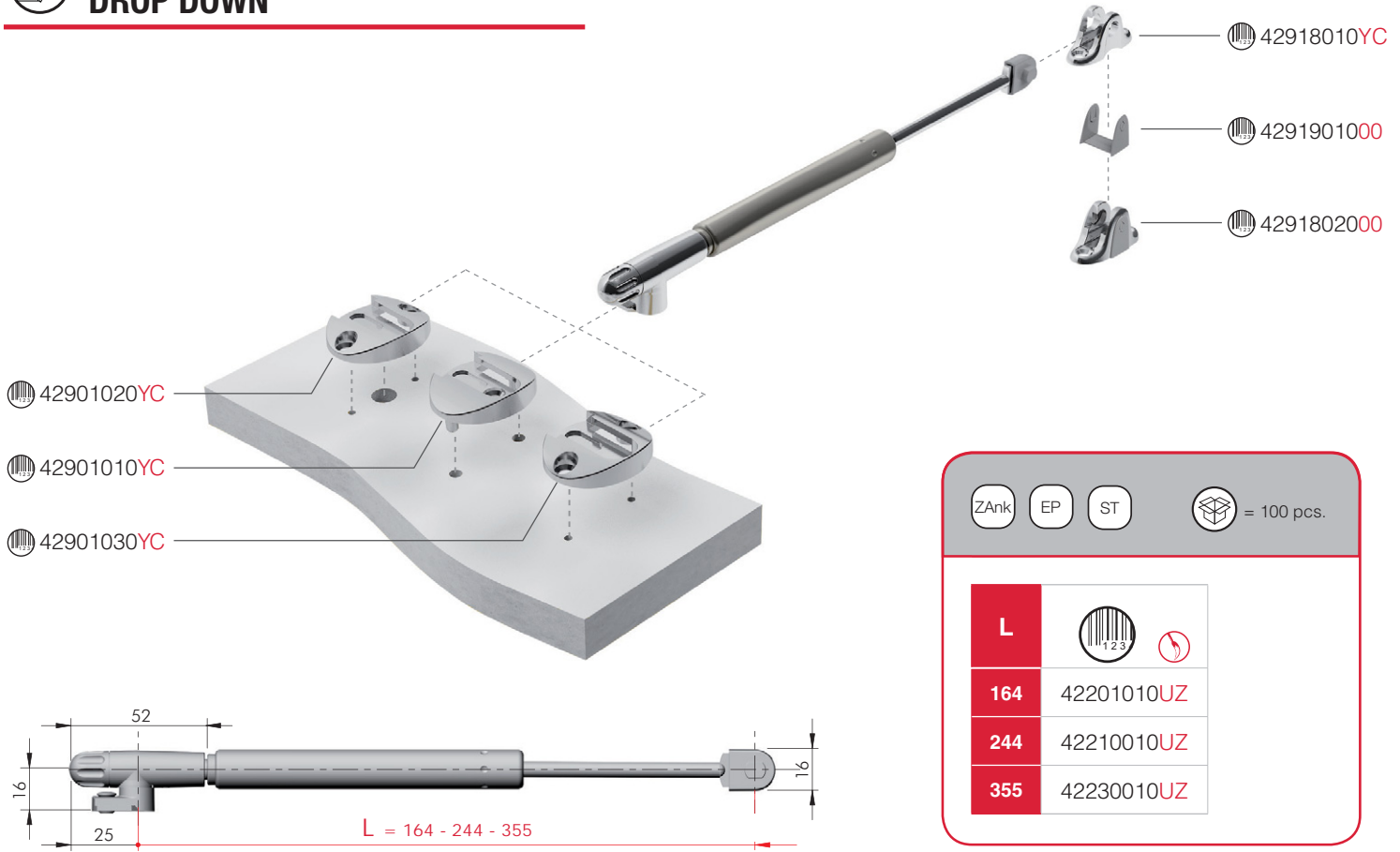


### LOCKING





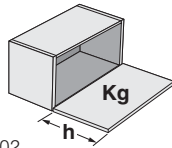
**DROP DOWN**



ZAnk EP ST = 100 pcs.

<b>L</b>		
<b>164</b>	42201010UZ	
<b>244</b>	42210010UZ	
<b>355</b>	42230010UZ	

**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

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 (extra-size doors might require 3 or more gas stays).** Our technical department is at your disposal to test further cases out of this chart.



## DROP DOWN DRILLING PLANS WITH KIMANA HINGE

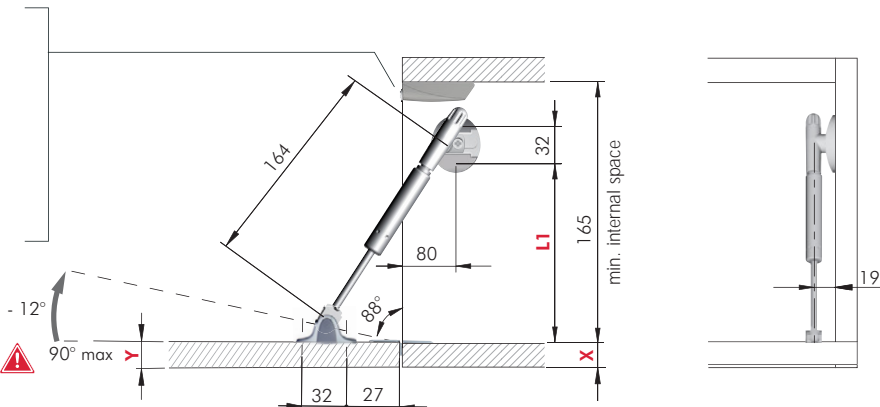
### L 164 mm

- Magnet K Lock  
- Visible or invisible

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

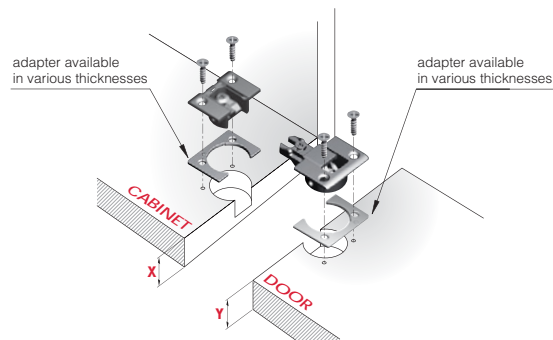
For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".

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



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

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



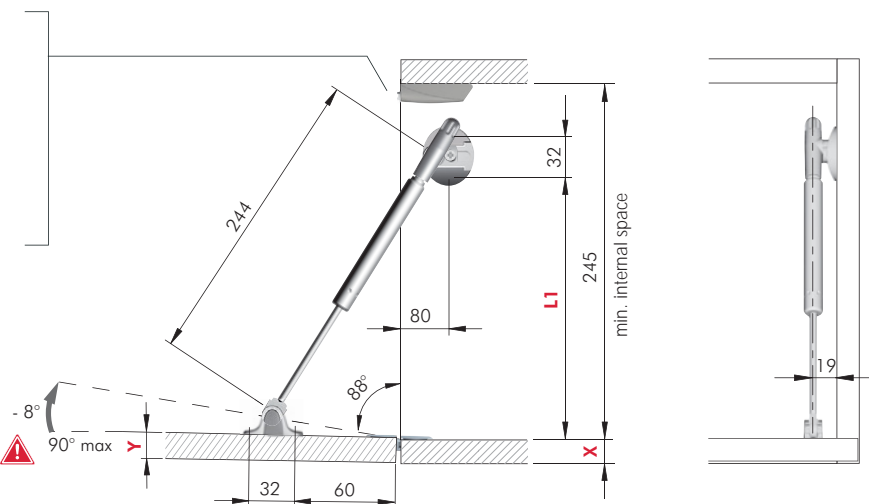
### L 244 mm

- Magnet K Lock  
- Visible or invisible

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

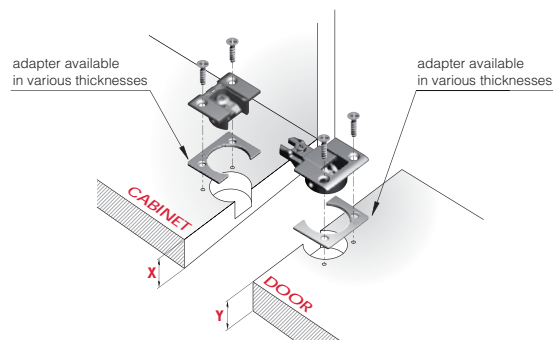
For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".

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



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

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



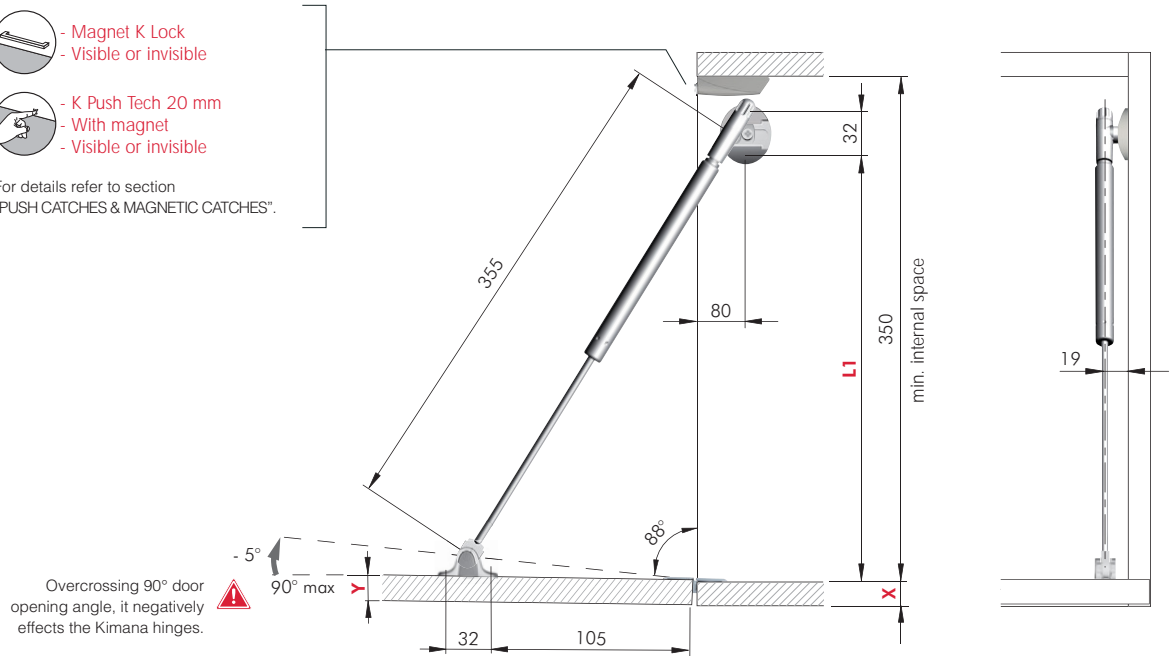




## L 355 mm

 - Magnet K Lock  
- Visible or invisible

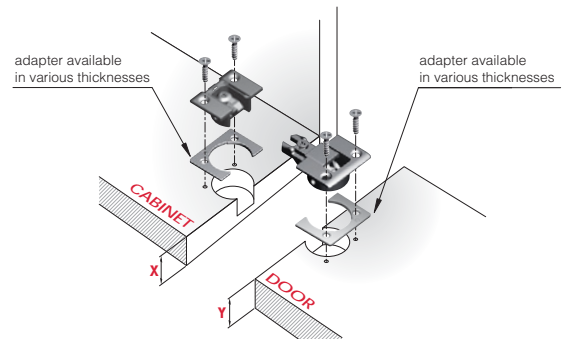
 - K Push Tech 20 mm  
- With magnet  
- Visible or invisible

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".



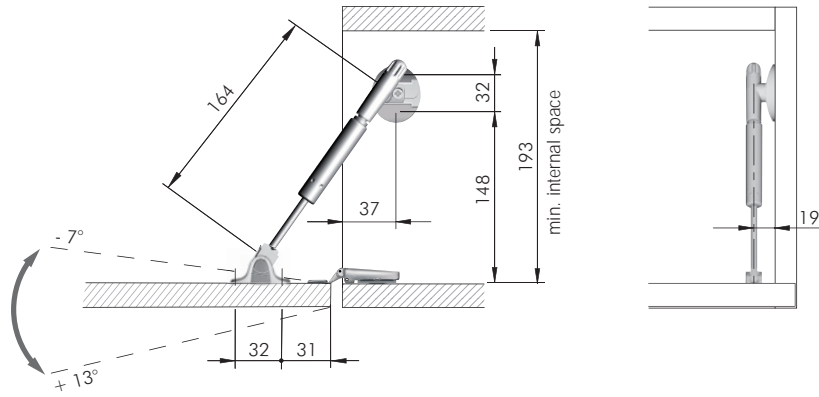


## DROP DOWN DRILLING PLANS WITH STANDARD HINGES - OPENING WITH HANDLE

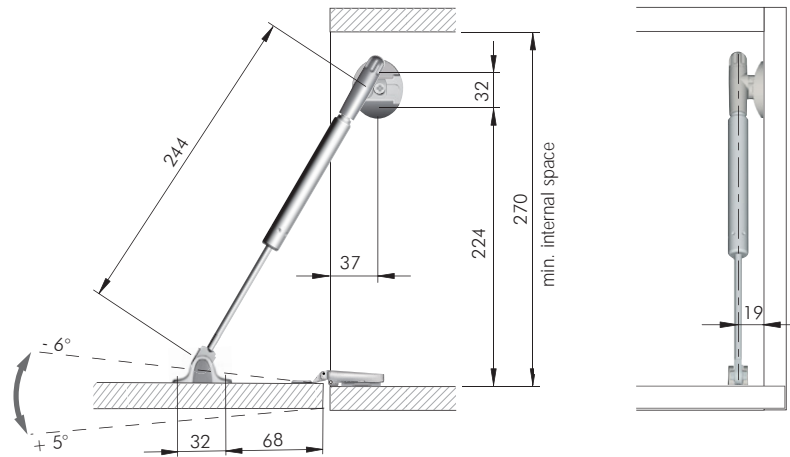
KRABY CONFIGURATOR:



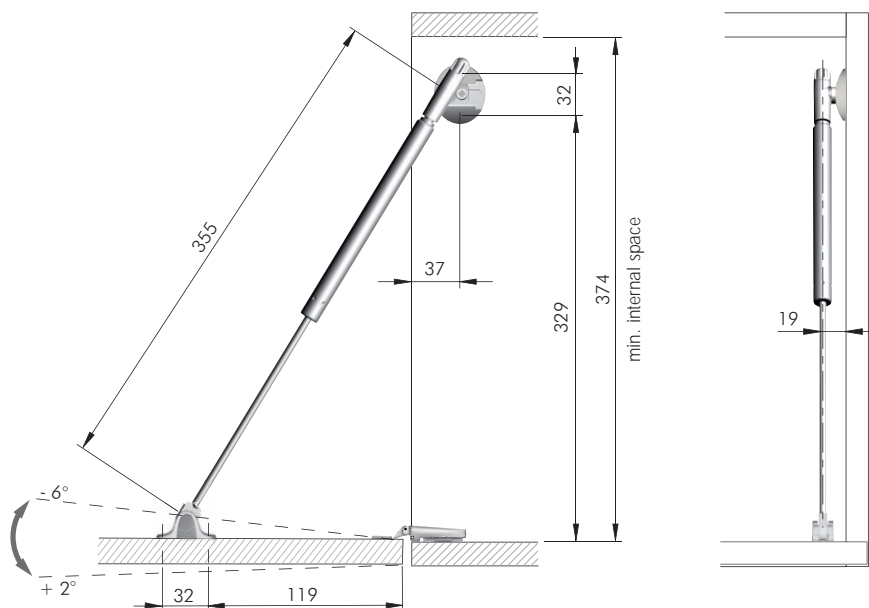
### L 164 mm



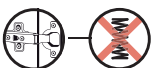
### L 244 mm



### 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 shown data is purely indicative. It varies with respect to the hinge brand and adjustment carried out.

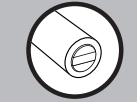
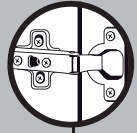


Please note that in case of use of **unsprung hinges**, **magnet K Lock** is required. For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



**DROP DOWN DRILLING PLANS WITH STANDARD HINGES - PUSH TO OPEN**

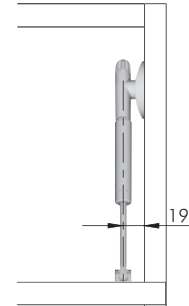
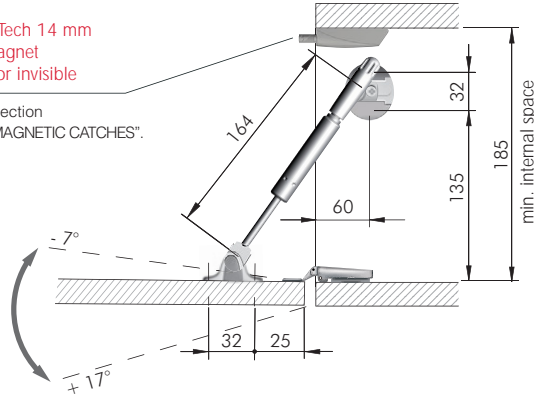
KRABY CONFIGURATOR:



**L 164 mm**

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

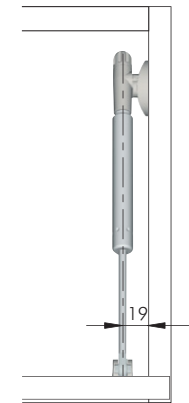
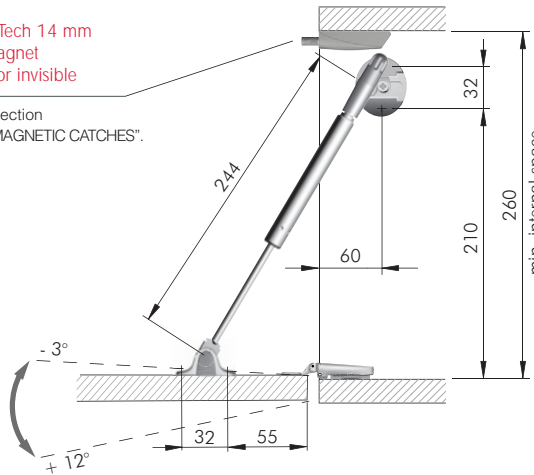
For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



**L 244 mm**

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

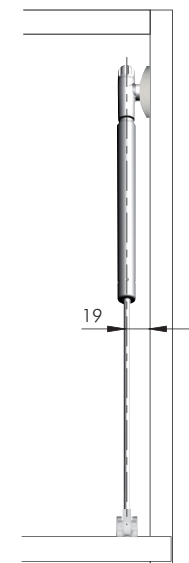
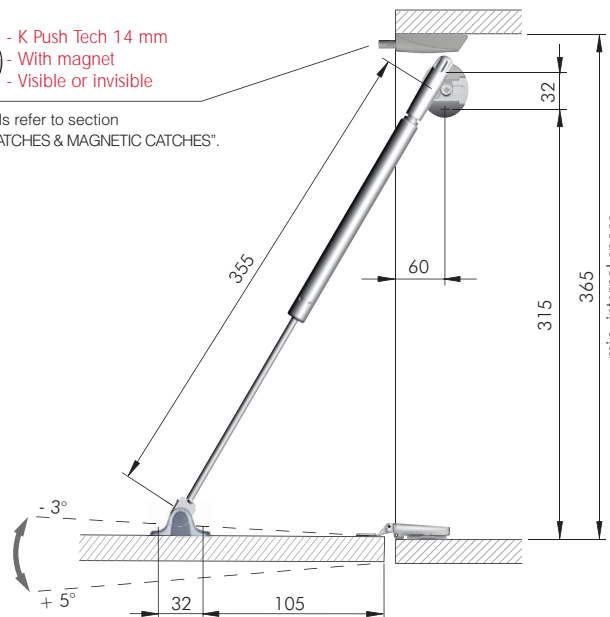
For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



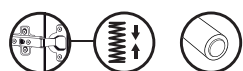
**L 355 mm**

- 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 min and max opening angle shown data is purely indicative. It varies with 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

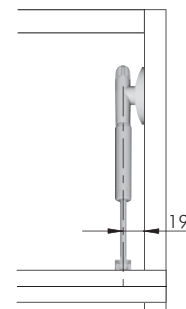
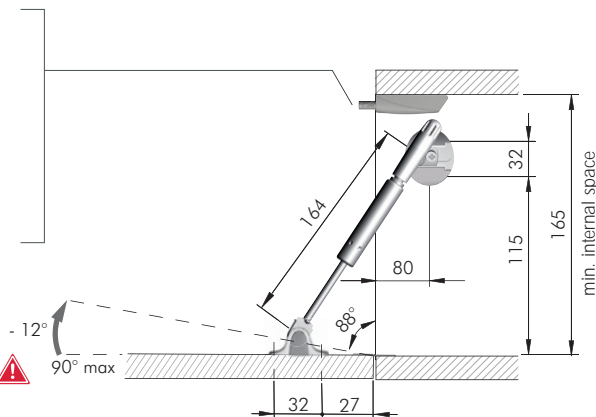
### L 164 mm

- 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.



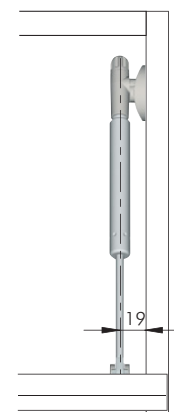
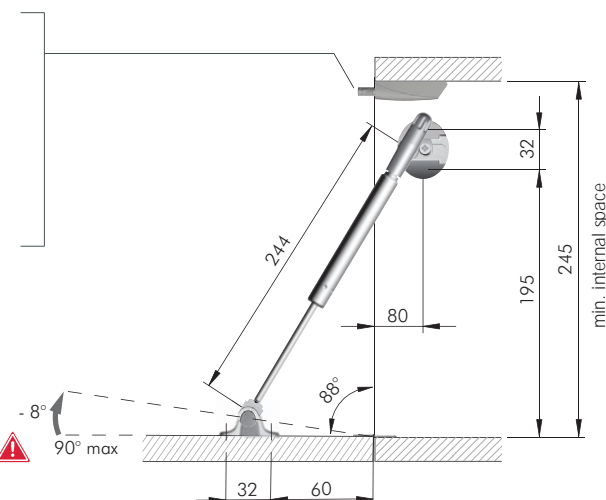
### L 244 mm

- 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.



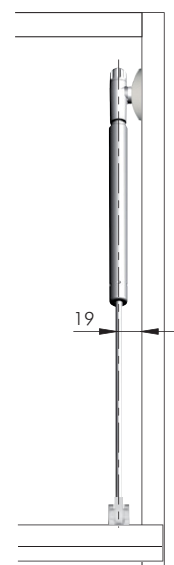
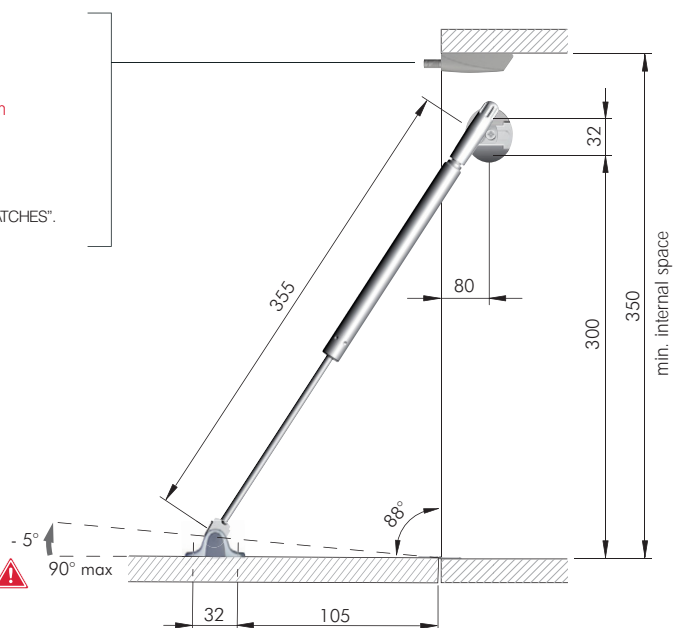
### L 355 mm

- 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".

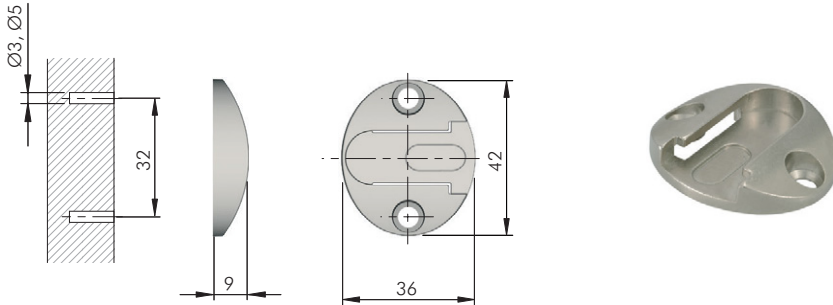
Overcrossing 90° door opening angle, it negatively effects the flap hinges.







**BRACKETS DRILLING PLANS**



= Ø 3, Ø 5 mm

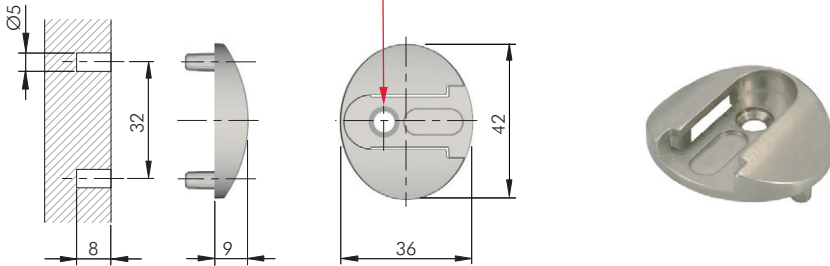
ZA

= 100 pcs.



42901030YC

recommended fixing countersunk  
head wood screw Ø 3,5 x 16 mm



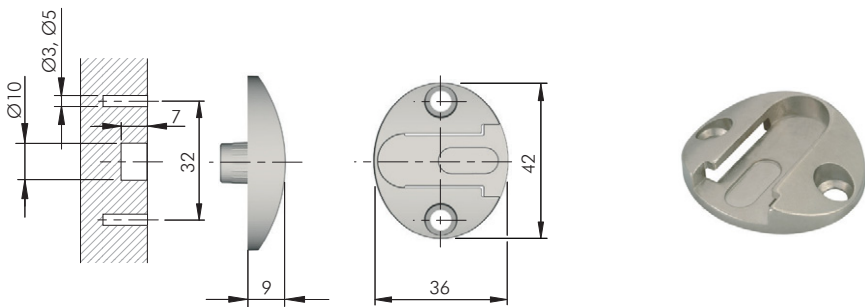
= Ø 5 mm

ZA

= 100 pcs.



42901010YC



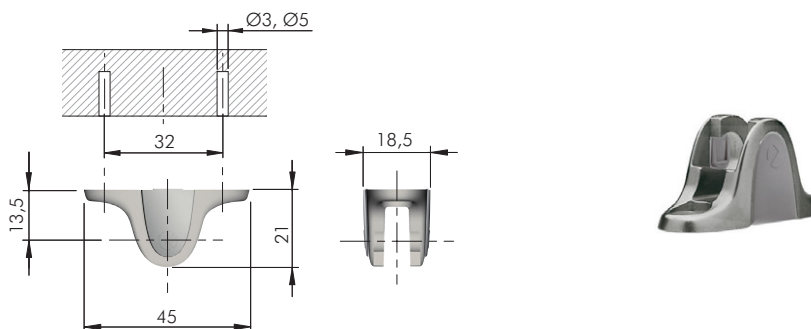
= Ø 3, Ø 5 mm + Ø 10 mm

ZA

= 100 pcs.



42901020YC



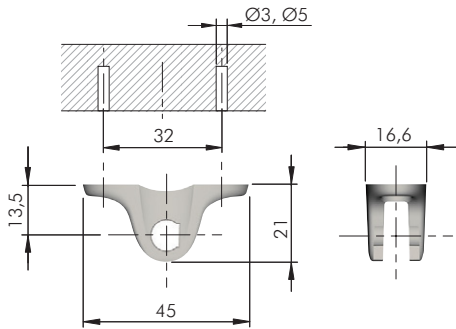
= Ø 3, Ø 5 mm

ZA

= 100 pcs.



4291802000



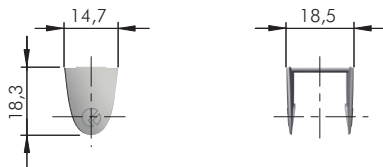
= Ø 3, Ø 5 mm

ZA

= 100 pcs.



42918010YC



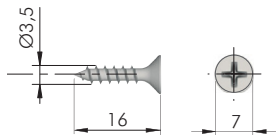
EPg

= 100 pcs.



4291901000

## KRABY FIXING ACCESSORIES



= Ø 2,5 mm



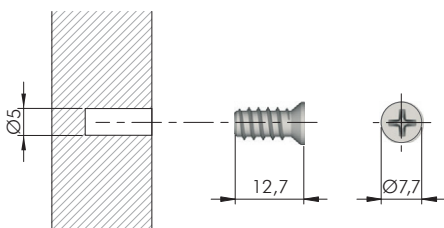
= PZ2

ST

= 10.000 pcs.



60101390YA



= Ø 5 mm



= PZ2

ST

= 5000 pcs.



60501050YA



**KRABY ADAPTERS FOR ALUMINIUM FRAME DOOR**



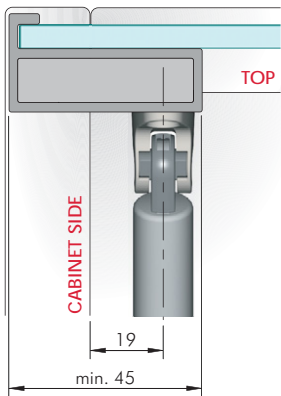
**INSTALLATION ON WIDER ALUMINIUM FRAME DOOR**

**INSTALLATION ON NARROW ALUMINIUM FRAME DOOR**

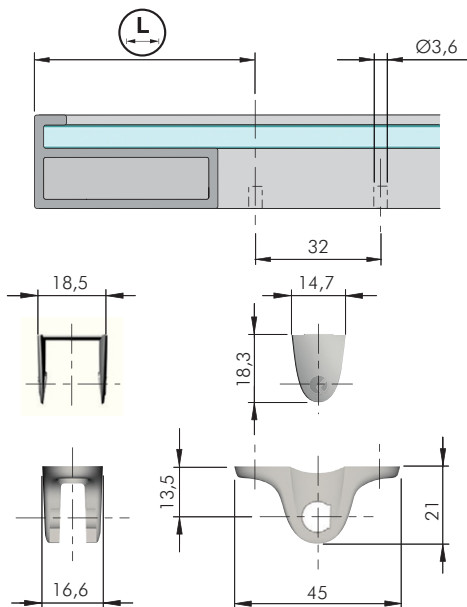


**WIDER ALUMINIUM FRAME DOOR**

**Condition A**



Assembling



= Ø 3,6 mm

ZA EP

= 100 pcs.



42918010YC

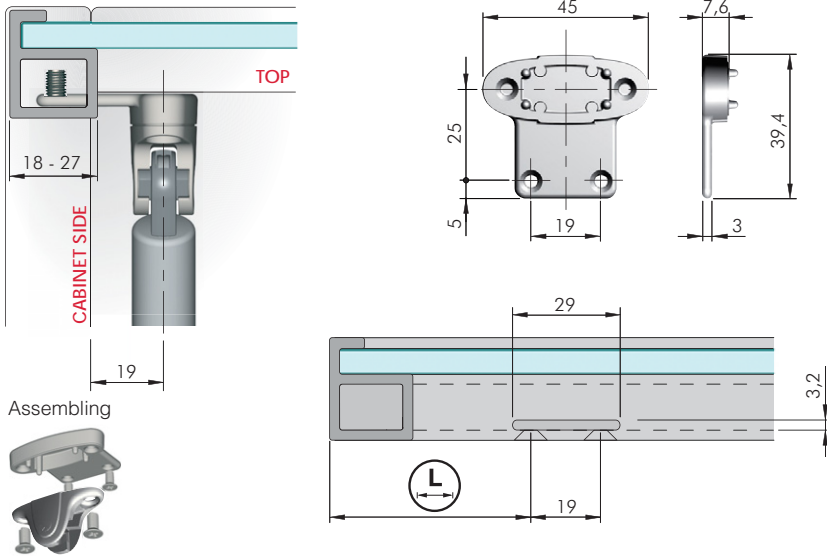


4291901000



## NARROW ALUMINIUM FRAME DOOR

### Condition B



ZA

= 100 pcs.



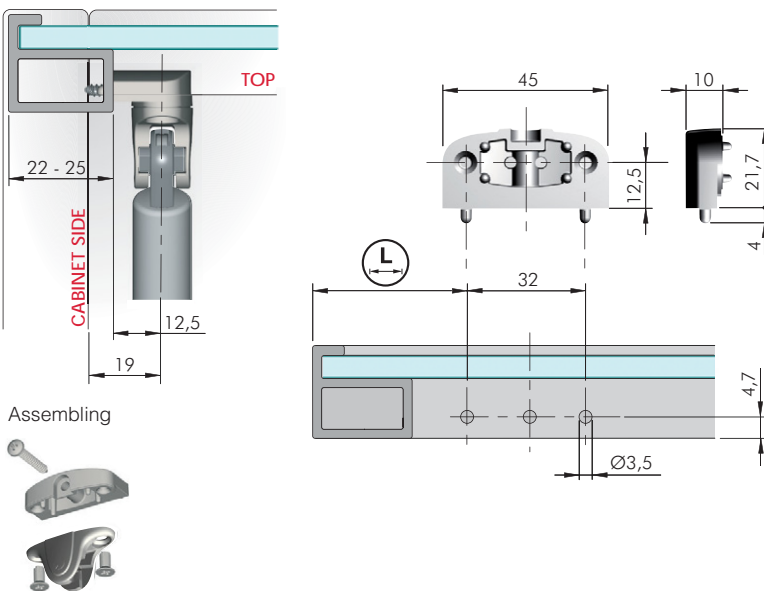
42903010YC

42918010YC

4291901000



### Condition C



= Ø 3,5 mm

ZA

= 100 pcs.



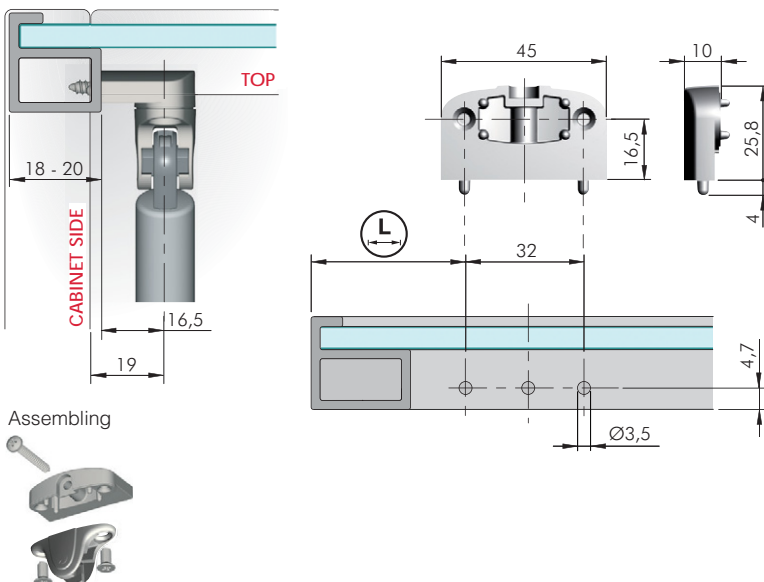
42904010YC

42918010YC

4291901000



### Condition D



= Ø 3,5 mm

ZA

= 100 pcs.

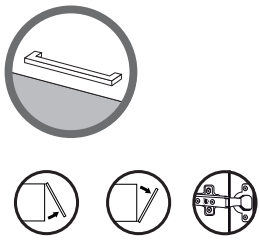


42905010YC

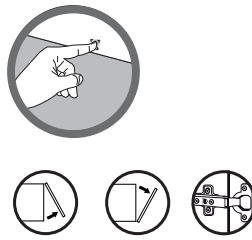
42918010YC

4291901000

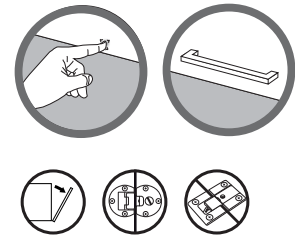




KRABY	L	
164	31	37,5
244	68	74,5
355	119	125,5



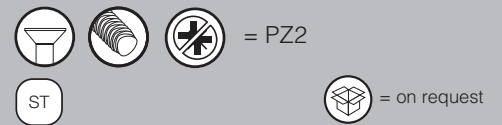
KRABY	L	
164	25	31,5
244	55	61,5
355	105	111,5



KRABY	L	
164	27	33,5
244	60	66,5
355	105	111,5

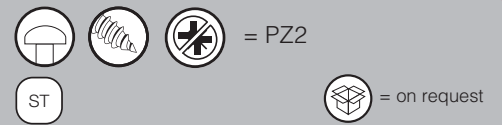
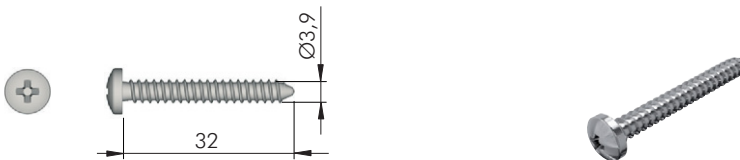
For details refer to related sections.

## ALUMINIUM ADAPTERS FIXING ACCESSORIES



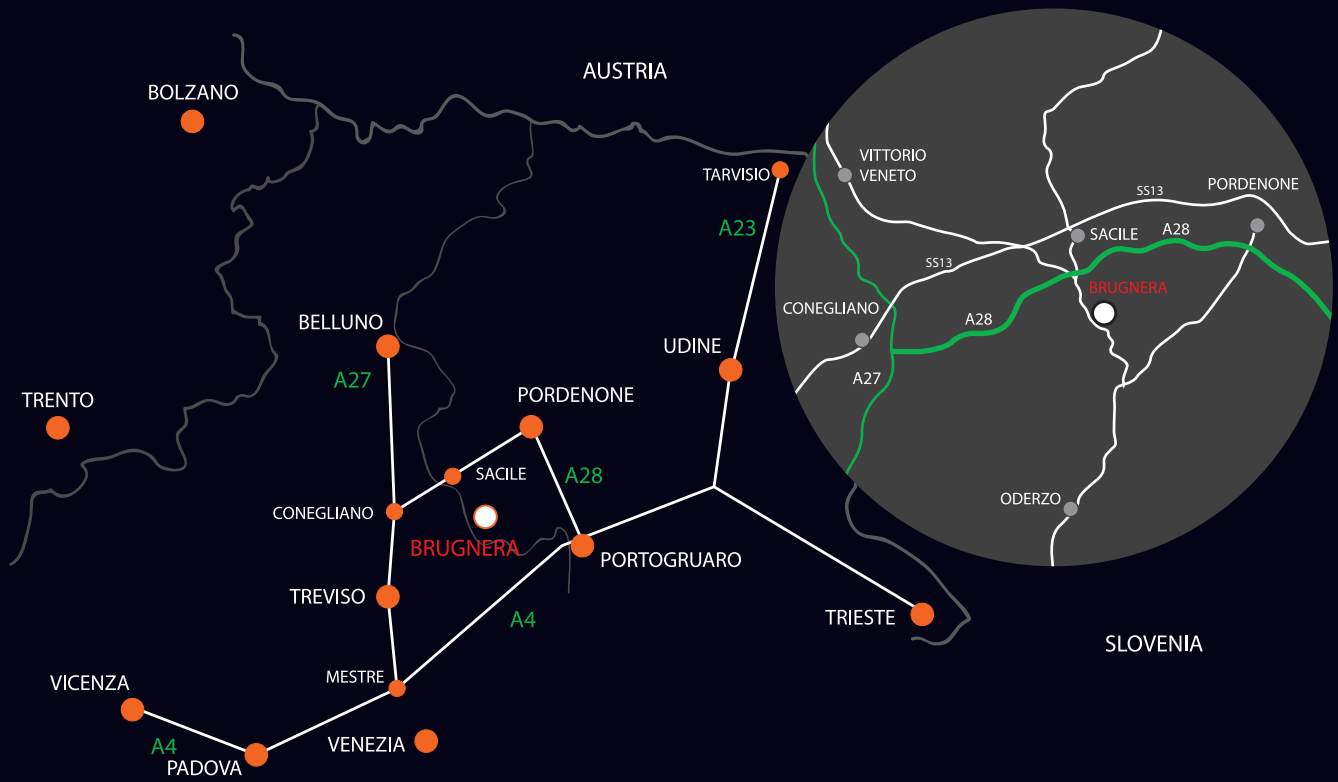
42906010YA

For wider aluminium frame and for condition A, B, C, D.



60203410YA

For condition C and D.



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