



COMPACT LID STAY SYSTEM



OPENING
SYSTEMS FOR
LIFT UP AND
DROP DOWN
DOORS



COMPACT SYSTEM LIFT UP

COMPACT 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.

COMPACT 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.

COMPACT has a quick and easy installing: after the piston is slotted onto the door bracket, the piston can be easily clicked against the side bracket.

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



FRICTION VERSION

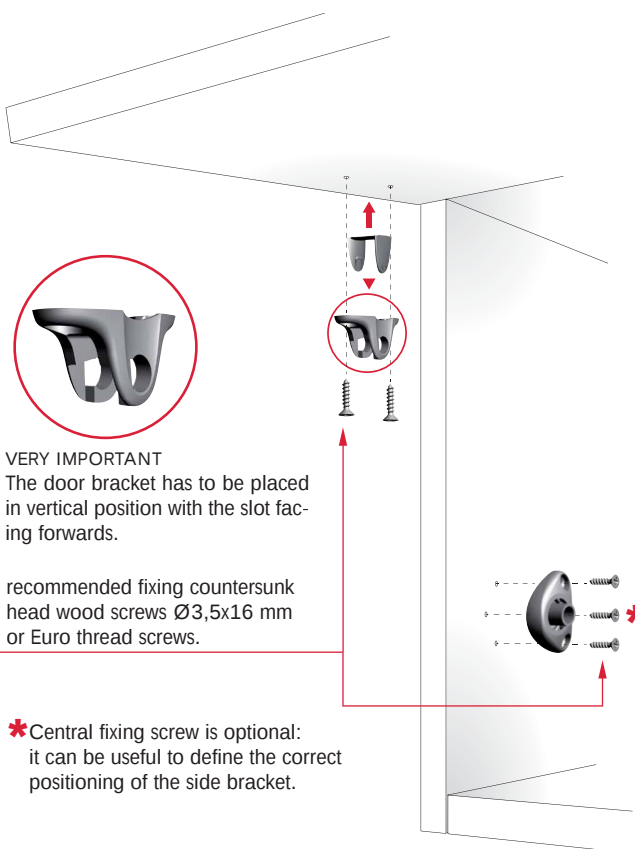


AUTOMATIC VERSION

PATENTED
Certificates available
on request.



INSTALLATION

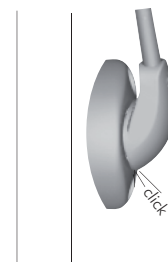
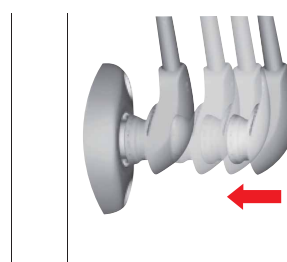
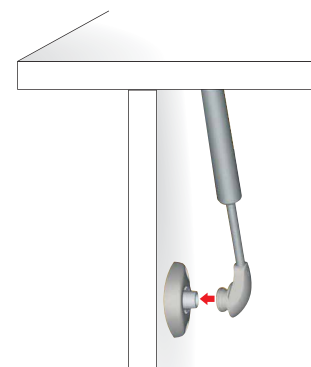
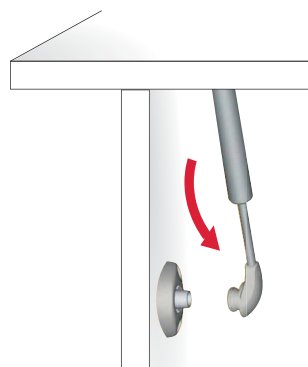
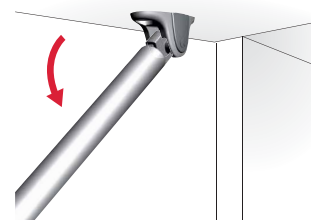
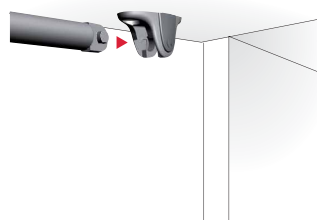


VERY IMPORTANT

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.

*Central fixing screw is optional: it can be useful to define the correct positioning of the side bracket.



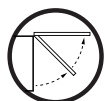


LIFT UP



ZAnk EP ST

= 100 pcs.



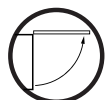
COMPACT FRICTION VERSION

Further newton strengths available on request.

L			N
164	42301010UZ		45
	42302010UZ		60

L			N
244	42311010UZ		45
	42312010UZ		60
	42313010UZ		90
	42314010UZ		120

L			N
355	42330010UZ		45
	42331010UZ		60
	42332010UZ		90
	42333010UZ		120



COMPACT AUTOMATIC VERSION

Further newton strengths available on request.

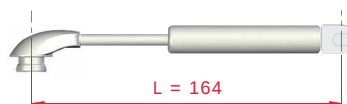
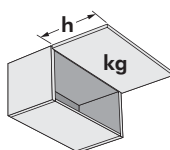
L			N
164	42401010UZ		50
	42402010UZ		80
	42403010UZ		120

L			N
244	42410010UZ		50
	42412010UZ		80
	42413010UZ		100
	42414010UZ		120
	42415010UZ		140

L			N
355	42430010UZ		50
	42431010UZ		80
	42432010UZ		100
	42433010UZ		120



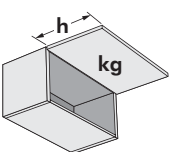
Number of stays chart - L 164 mm



Rev. 02

h	Compact version	Door weight (kg)										Compact 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

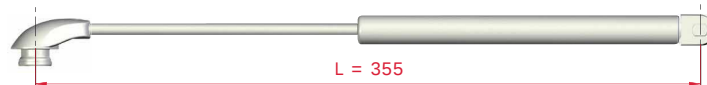
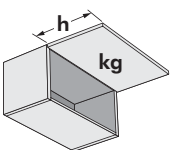


Rev. 02

h	Compact version	Door weight (kg)													Compact 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	

* Strenghts available on request.

Number of stays chart - L 355 mm



Rev. 02

h	Compact version	Door weight (kg)													Compact 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.

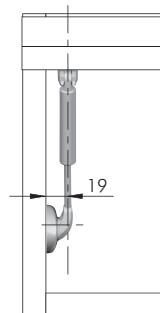
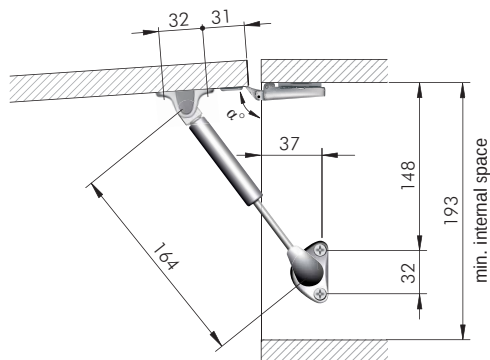


LIFT UP DRILLING PLANS WITH STANDARD HINGES OPENING WITH HANDLE

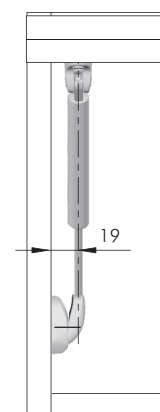
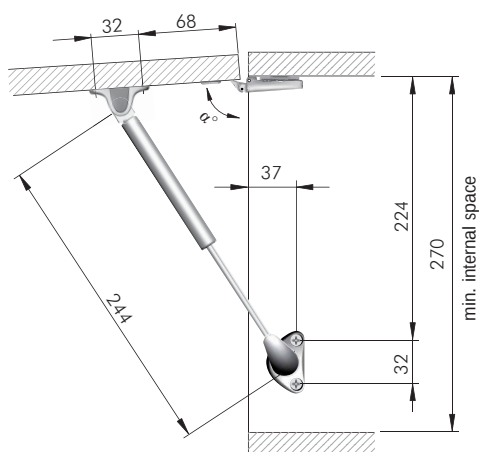
COMPACT CONFIGURATOR:



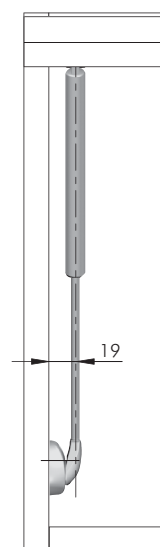
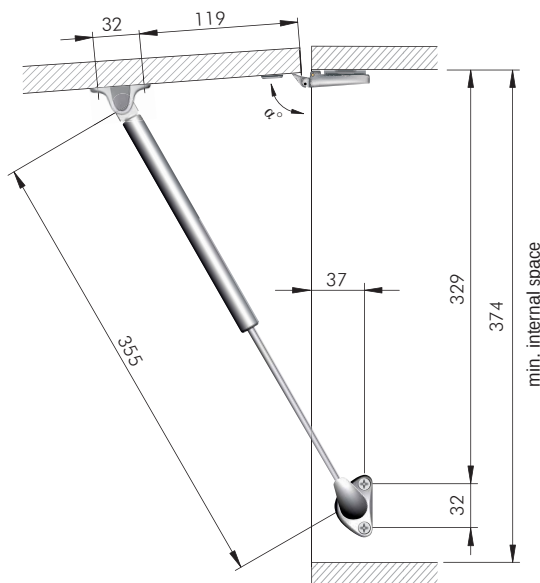
L 164 mm



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".

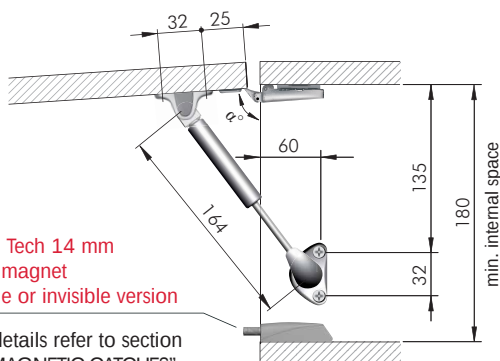


LIFT UP DRILLING PLANS WITH STANDARD HINGES PUSH TO OPEN

COMPACT CONFIGURATOR:

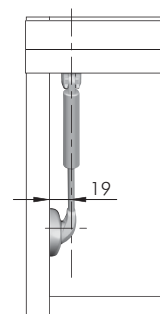


L 164 mm

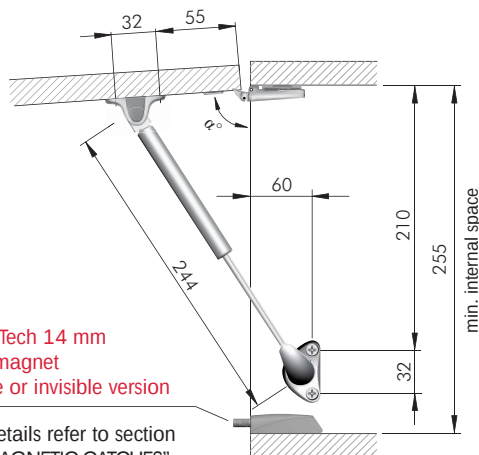


K Push Tech 14 mm
- With magnet
- Visible or invisible version

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

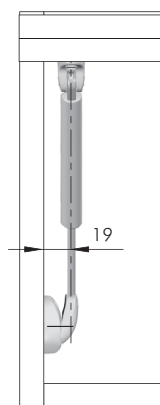


L 244 mm

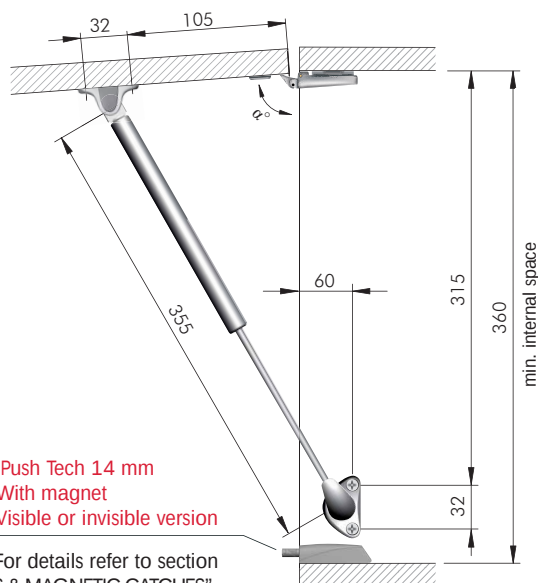


K Push Tech 14 mm
- With magnet
- Visible or invisible version

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

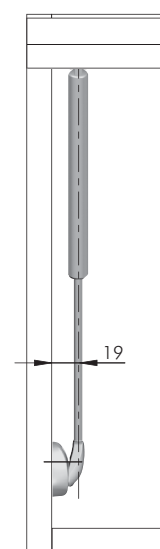


L 355 mm

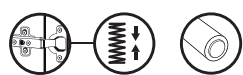


K Push Tech 14 mm
- With magnet
- Visible or invisible version

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 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".



COMPACT SYSTEM DROP DOWN

COMPACT is a gas and 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.

COMPACT grants a quick and easy installation to be carried out manually, 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.

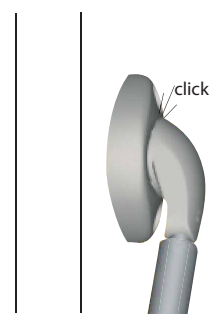
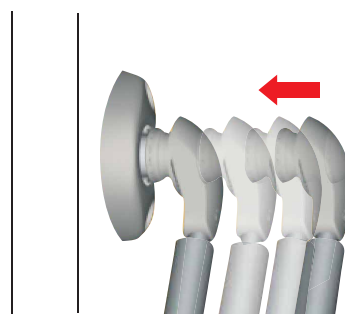
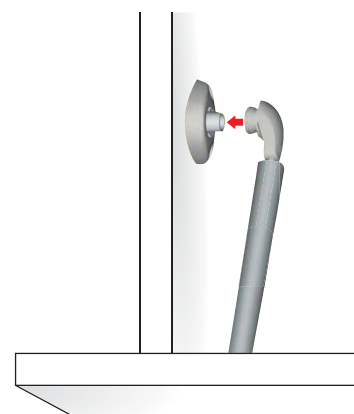
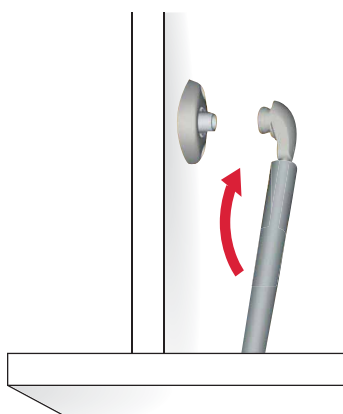
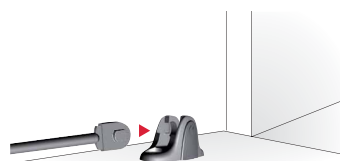


INSTALLATION

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

*Central fixing screw is optional:
it can be useful to define the correct
positioning of the side bracket.

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





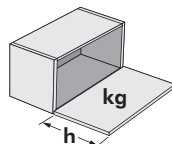
DROP DOWN



Number of stays chart - L 164 mm

Rev. 02

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



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 Compact								3 x Compact					4 x Compact
325 - 424	2 x Compact							3 x Compact					4 x Compact	
425 - 500	2 x Compact						3 x Compact					4 x Compact		

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 Compact											3 x Compact	
501 - 600	2 x Compact									3 x Compact			

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

COMPACT CONFIGURATOR:



L 164 mm

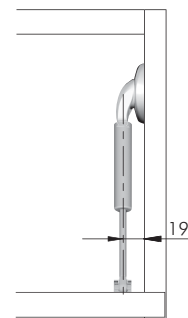
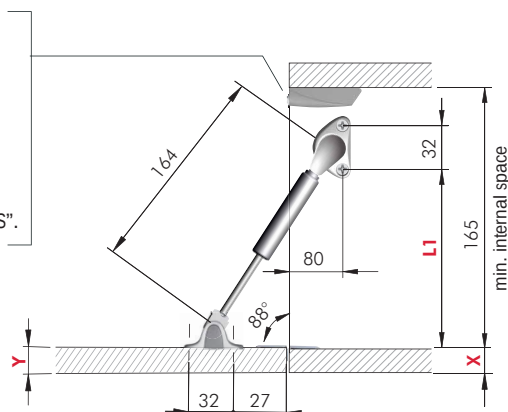


Magnet K Lock
visible or invisible



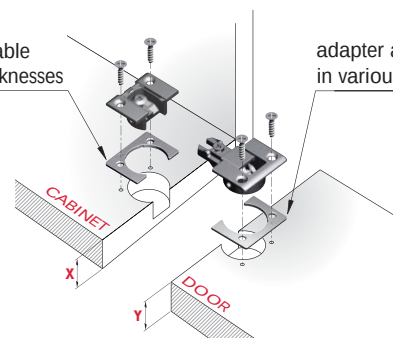
K Push Tech 20 mm
- With magnet
- Visible or invisible

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



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

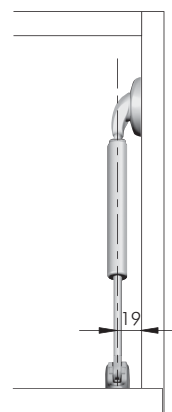
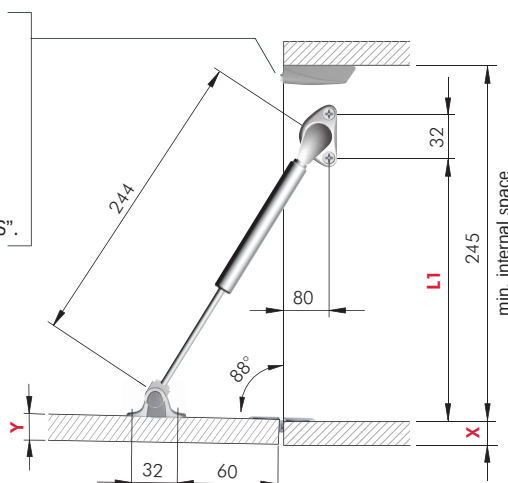


Magnet K Lock
visible or invisible



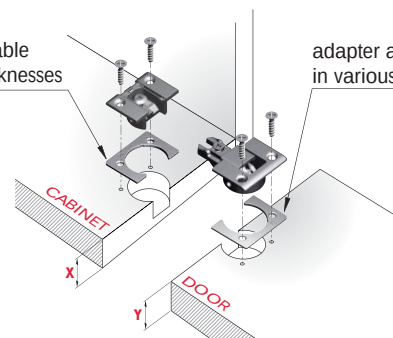
K Push Tech 20 mm
- With magnet
- Visible or invisible

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



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

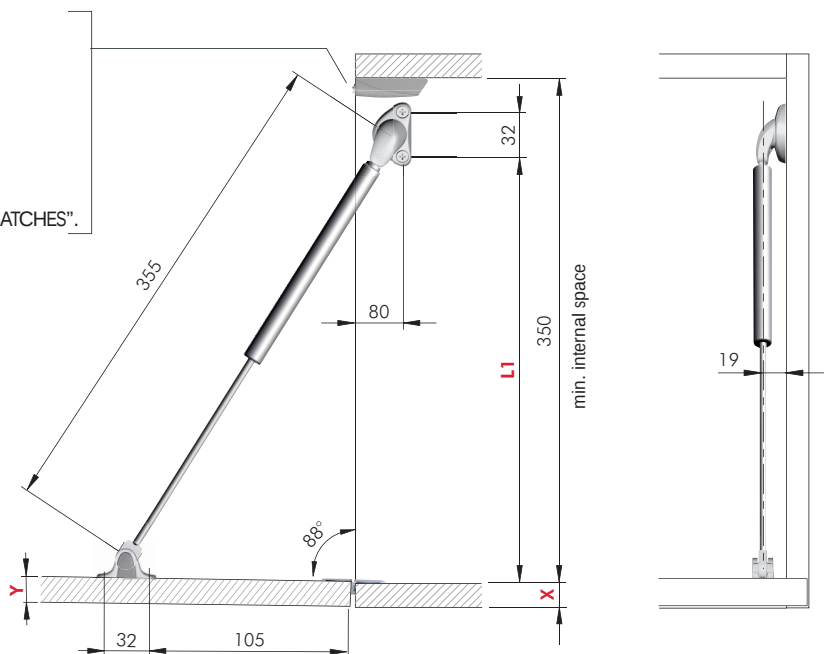


Magnet K Lock
visible or invisible



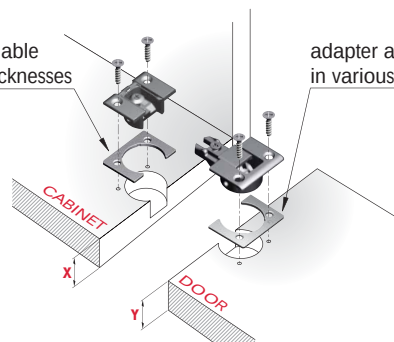
K Push Tech 20 mm
- With magnet
- Visible or invisible

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

adapter available
in various thicknesses



adapter available
in various thicknesses

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

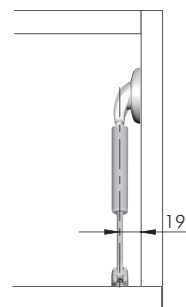
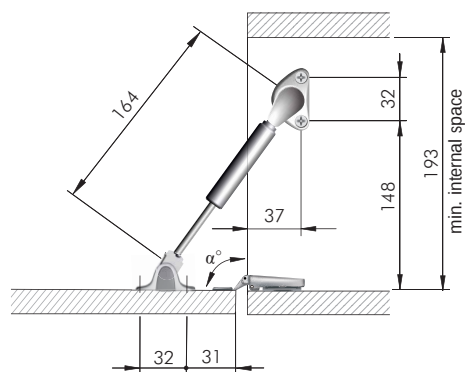


DROP DOWN DRILLING PLANS WITH STANDARD HINGES OPENING WITH HANDLE

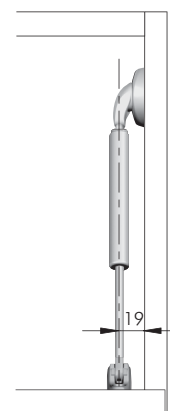
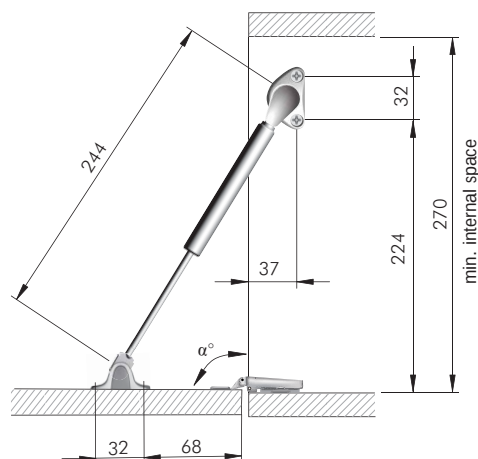
COMPACT CONFIGURATOR:



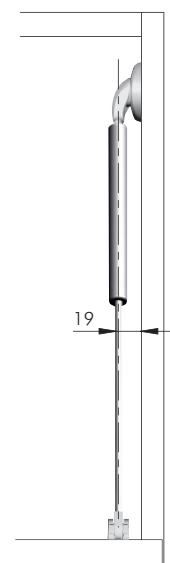
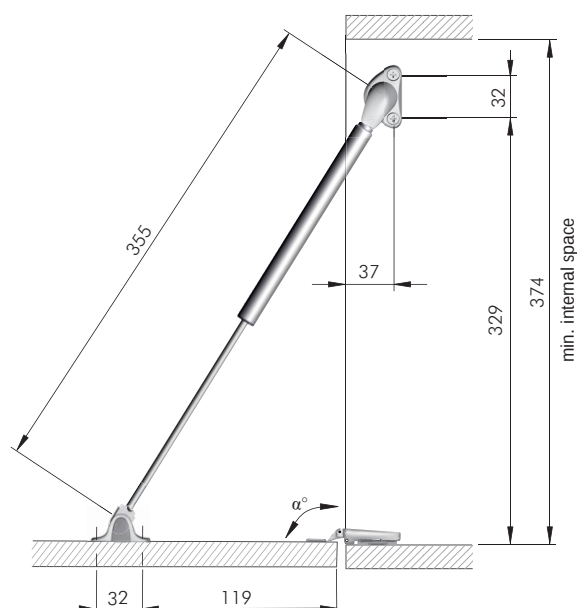
L 164 mm



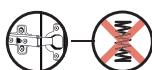
L 244 mm



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

COMPACT CONFIGURATOR:

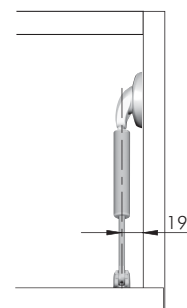
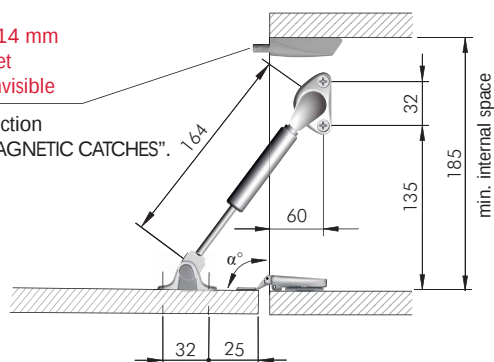


L 164 mm



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

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

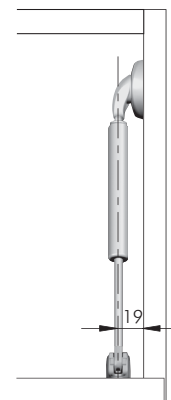
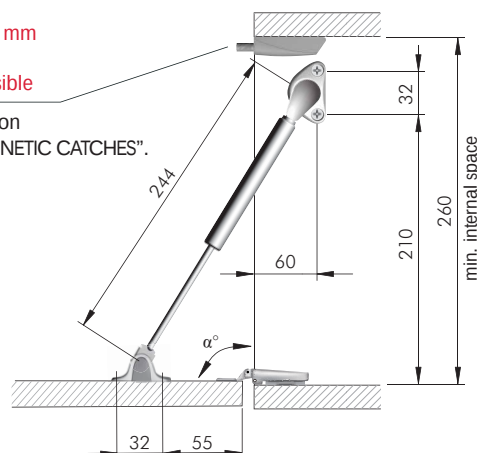


L 244 mm



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

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

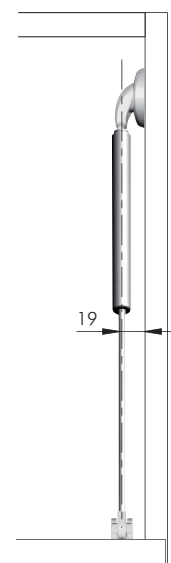
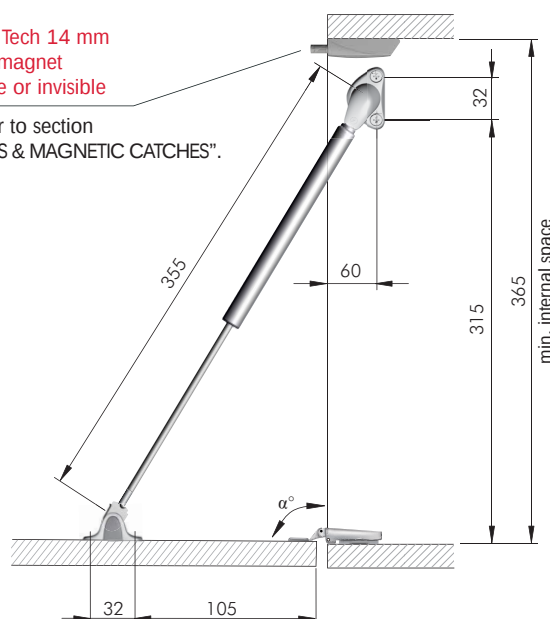


L 355 mm



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

COMPACT CONFIGURATOR:



L 164 mm

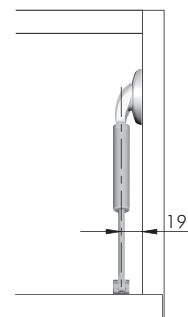
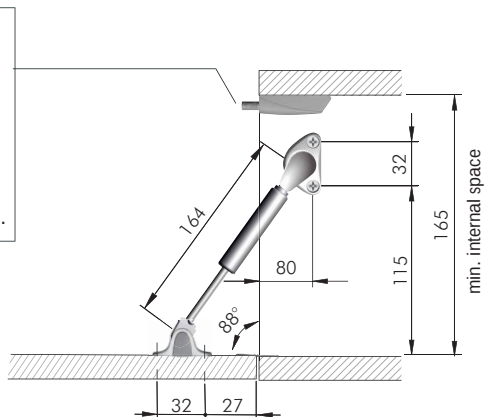


Magnet K Lock
visible or invisible



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

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



L 244 mm

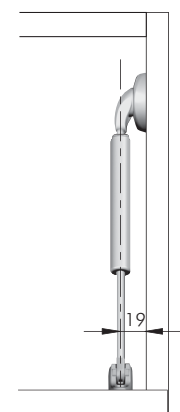
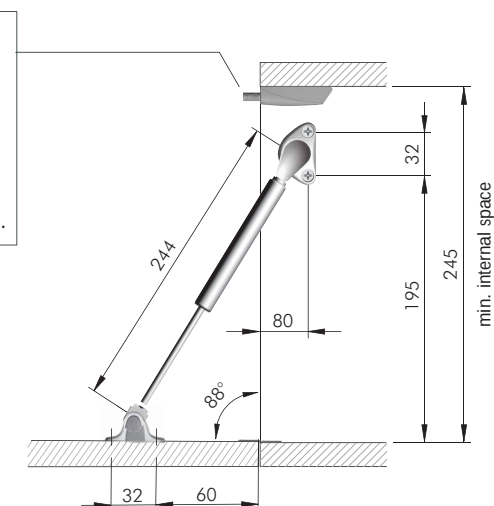


Magnet K Lock
visible or invisible



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

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



L 355 mm

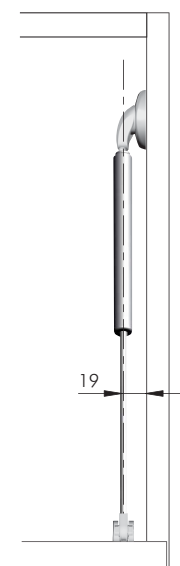
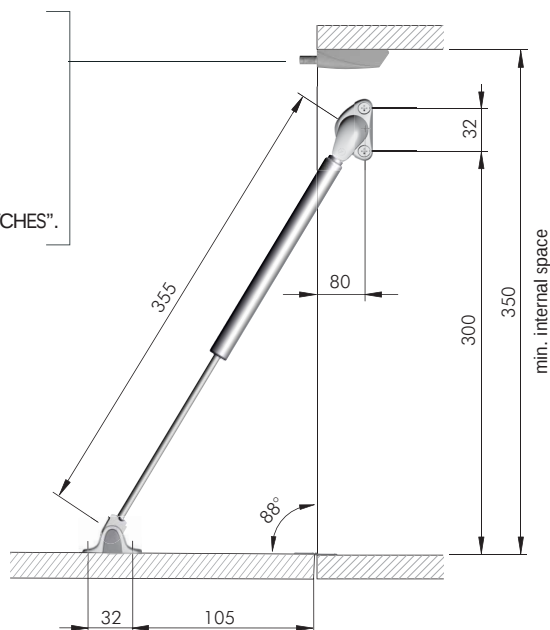


Magnet K Lock
visible or invisible



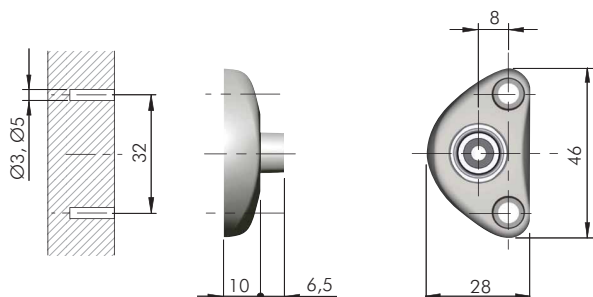
K Push Tech 20 mm
- With magnet
- Visible or invisible

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





COMPACT BRACKETS



= Ø 3, Ø 5 mm

ZA

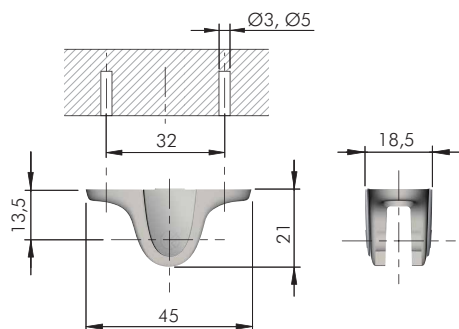
EP



= 50 pcs.



42911010YA



= Ø 3, Ø 5 mm

ZA

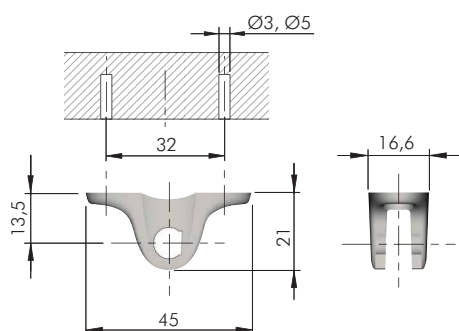
EP



= 50 pcs.



4291802000



= Ø 3, Ø 5 mm

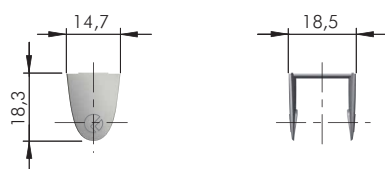
ZA



= 50 pcs.



42918010YC



EPg



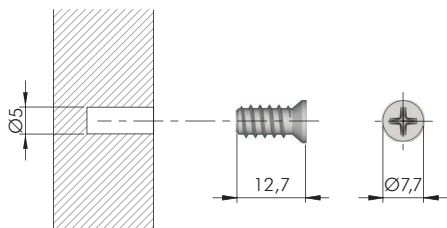
= 100 pcs.



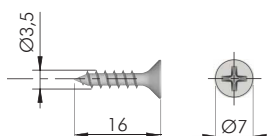
4291901000



COMPACT FIXING ACCESSORIES



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



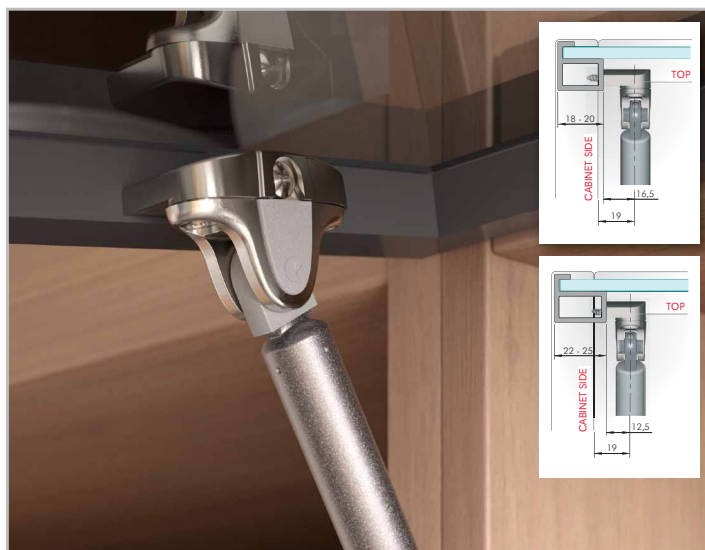
	= Ø 2,5 mm	
	= PZ2	
ST		= 100 pcs.
 60101390YA		



COMPACT ADAPTERS FOR ALUMINIUM FRAME DOOR



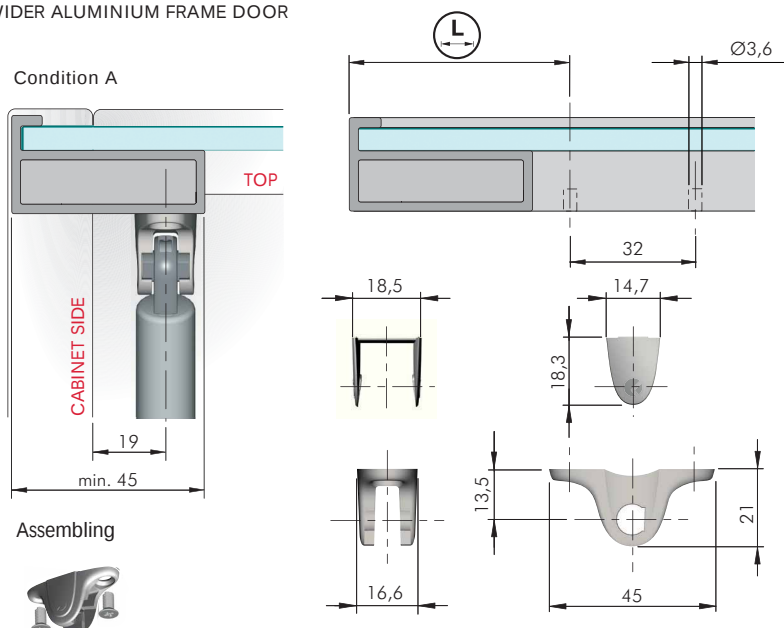
INSTALLATION ON WIDER ALUMINIUM FRAME DOOR



INSTALLATION ON NARROW ALUMINIUM FRAME DOOR



WIDER ALUMINIUM FRAME DOOR



 = $\varnothing 3,6$ mm

ZA EP



42918010YC

4291901000



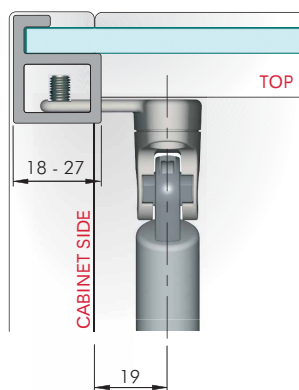
50

100

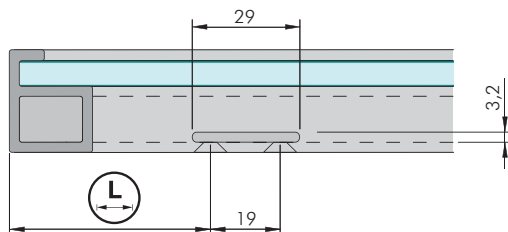
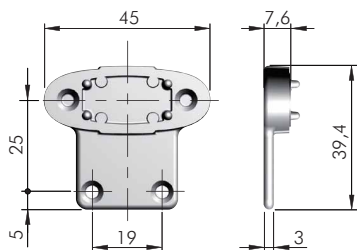


NARROW ALUMINIUM FRAME DOOR

Condition B



Assembling



ZA



42903010YC



50

42918010YC



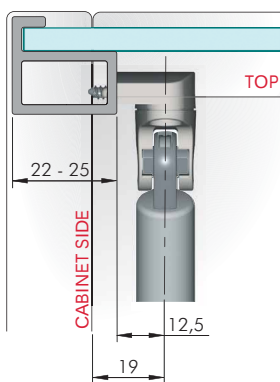
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4291901000

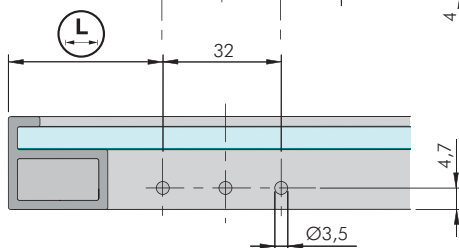
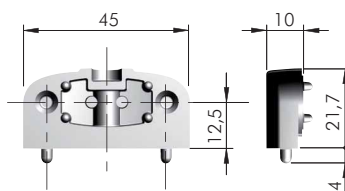


100

Condition C



Assembling



= Ø 3,5 mm

ZA



42904010YC



50

42918010YC



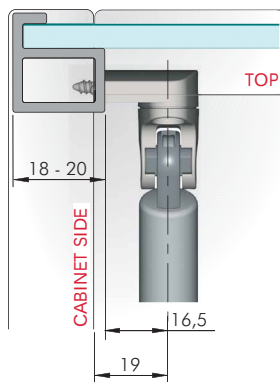
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4291901000

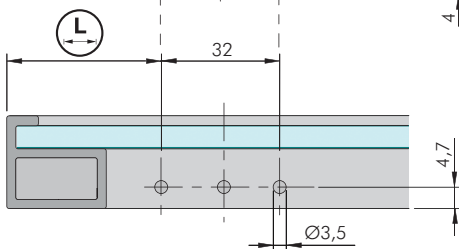
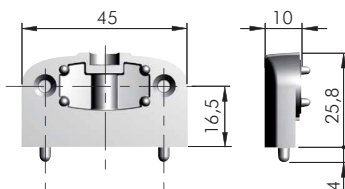


100

Condition D



Assembling



= Ø 3,5 mm

ZA



42905010YC



50

42918010YC

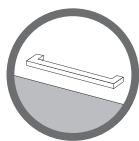


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4291901000



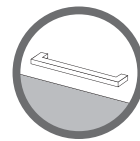
100



COMPACT		
	164	244
164	31	37,5
244	68	74,5
355	119	125,5



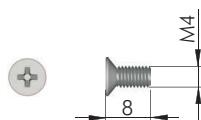
COMPACT		
	164	244
164	25	31,5
244	55	61,5
355	105	111,5



COMPACT		
	164	244
164	27	33,5
244	60	66,5
355	105	111,5

For details refer to related sections.

ALUMINIUM ADAPTERS FIXING ACCESSORIES



= PZ2

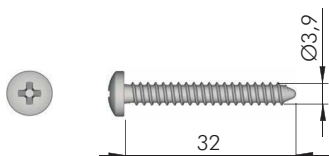
ST

= 100 pcs.



42906010YA

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



= PZ2

ST

= on request



60203410YA

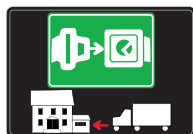
For condition C and D.





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



= SELF ADHESIVE



= 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

ZA = Zinc Alloy	ST = Steel	HSS = High Speed Steel	BR = Brass	ABS = Acrylonitrile Butadiene Styrene	TPU = Thermoplastic Polyurethane
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	SRn = Natural Soft Rubber
EPw = White Engineering Plastic	EPg = Grey Engineering Plastic	SRw = White Soft Rubber
EPb = Black Engineering Plastic	EPa = Anthracite Engineering Plastic	SRb = Black Soft Rubber

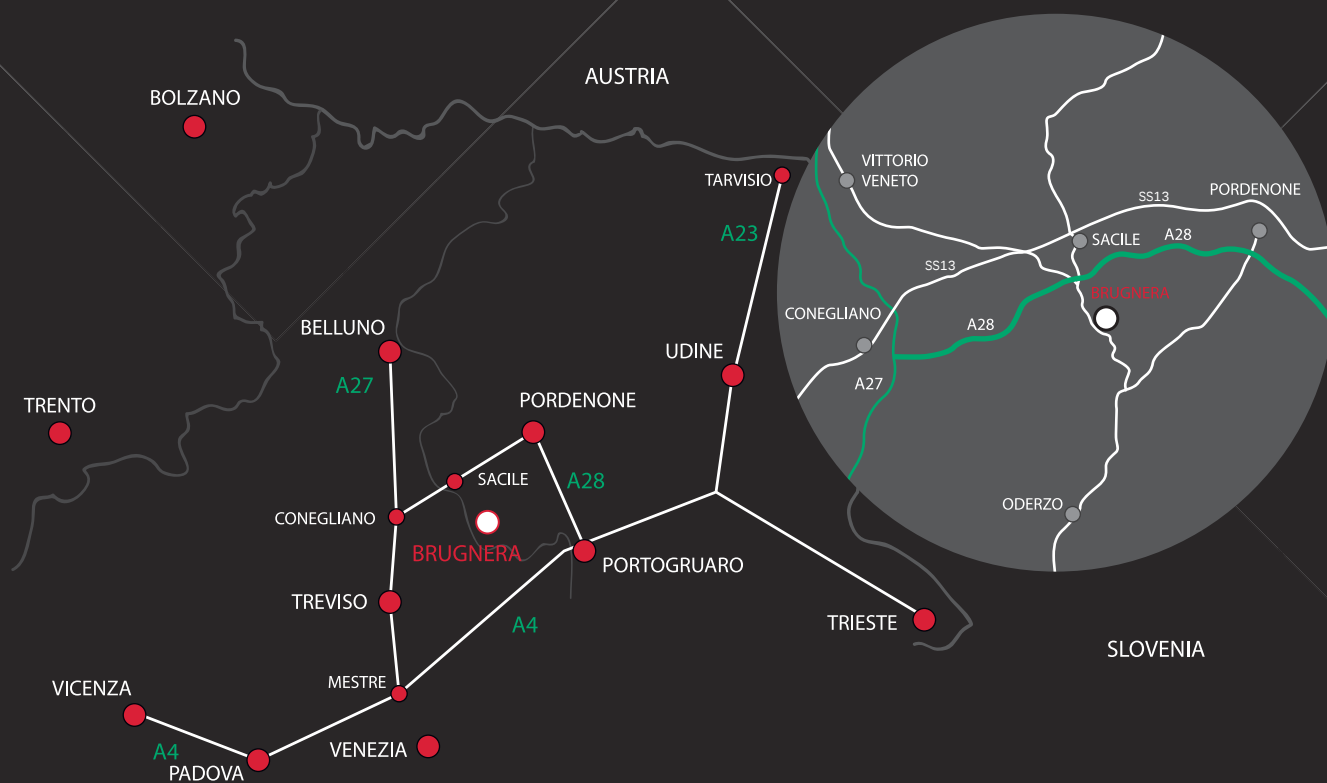


FINISHES



+ 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		



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