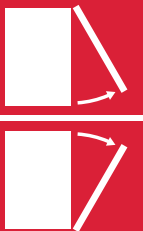


KRABY DROP DOWN - STANDARD HINGE



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

ZA = Zinc Alloy

ST = Steel

HSS = High Speed Steel

BR = Brass

ABS = Acrylonitrile
Butadiene Styrene

ZAnk = Nickel-plated
Zinc Alloy

STzk = Zinc-plated Steel

AL = Aluminium

WD = Wood

EVA = Ethylene Vinyl
Acetate

EP = **ENGINEERING PLASTIC**

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

SR = **SOFT RUBBER**

+ **SR** = other soft rubber
available on request

EPn = Natural Engineering Plastic

EPc = Clear Engineering Plastic

SRn = Natural Soft Rubber

EPw = White Engineering Plastic

EPg = Grey Engineering Plastic

SRw = White Soft Rubber

EPwg = Water Green Engineering Plastic

SRb = Black Soft Rubber



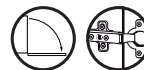
FINISHES



= OTHER FINISHES AVAILABLE
ON REQUEST

PART. NO	FINISHES	PART. NO	FINISHES	PART. NO	FINISHES
AA	Natural	JB	Bright Aluminium	QB	Walnut
AB	White	JC	Aluminium - Chrome	RO	Red
AC	Opal White	JD	Matt Aluminium	UZ	T -Met
AE	White 9010	JE	Satin-finished Aluminium	WA	Bronzed
AK	Champagne	JF	Aluminium - Brass	WI	Burnished
AL	Ivory	JG	Aluminium 5	XD	Satin-finished Steel
EA	Black	JL	Aluminium PE 11	YA	Nickel-plated
EB	Glossy Black	JM	Aluminium RAL 9006	YB	Bright Nickel-plated
EC	Matt Black	KA	Chrome	YC	Matt Nickel-plated
EE	Anthracite	KB	Bright Chrome	YD	Satin-finished Nickel-plated
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
IA	Grey	OA	Oak	00	Insignificant finish
IB	Metallic Grey	OZ	Ash		
IF	Middle Grey	PA	Light Ash		
IJ	Light Grey	PZ	Beech		
IL	Grey 20	QA	Maple		

KRABY DROP DOWN WITH STANDARD SPRUNG HINGES



KRABY is the new gas and oil stay conception with a completely new design available also to open drop down doors.

It has been conceived to be installed by using standard automatic drilling processes.

It is available in just one strength to suit small-medium-big 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.

It has a special slow down system, once you begin to open the door, it continues to open gently and completely by itself.

Useful method:

- For aligning nearby doors through the rotary knob placed on the piston base plate.
- To change the time in opening of the door by adjusting the position of the piston base plate within the slot of the side bracket.

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

PATENTED
UNI 8607/05 Level 5



INSTALLATION

- For details refer to "KRABY BRACKETS".

recommended fixing countersunk head wood screws $\varnothing 4 \times 16$ mm

VERY IMPORTANT

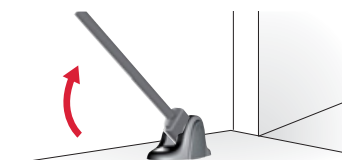
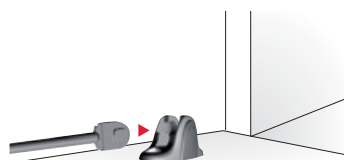
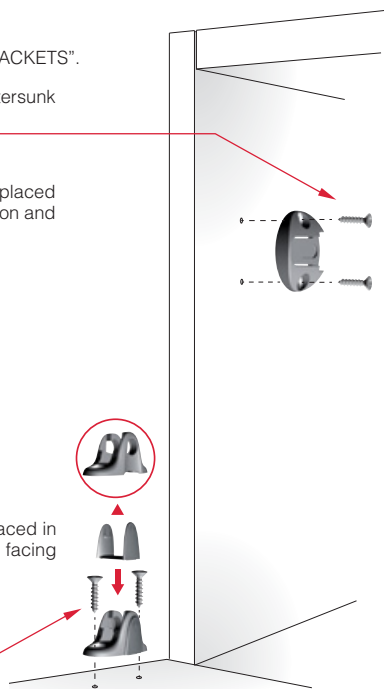
The side bracket has to be placed with the slot in horizontal position and the open end facing the wall.



VERY IMPORTANT

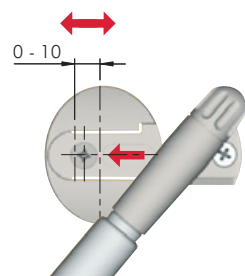
The door bracket has to be placed in vertical position with the slot facing forwards.

recommended fixing countersunk head wood screws $\varnothing 4 \times 16$ mm

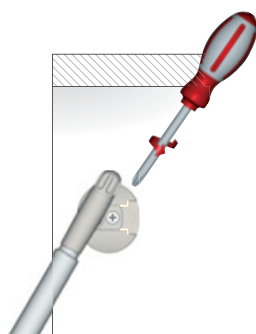


ADJUSTMENTS

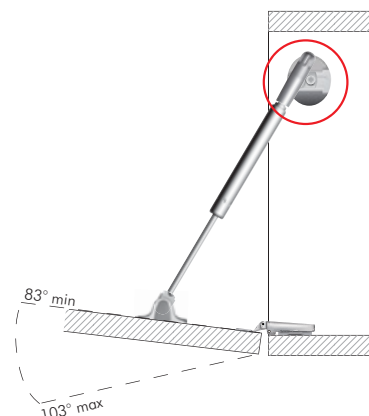
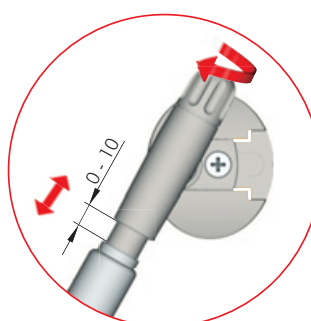
FRONT TO BACK ADJUSTMENT 0 - 10 mm



LOCKING



OPEN ANGLE ADJUSTMENT 0 - 10 mm



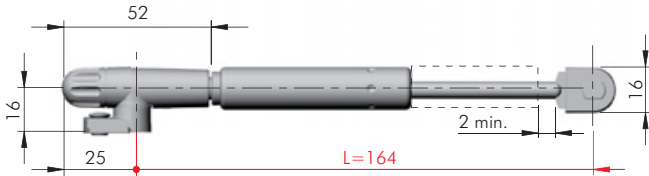
FRONT TO BACK ADJUSTMENT

The opening of the door can be changed by adjusting the position of the piston base plate within the slot:

- **Forwards adjustment** = the door opens automatically later.
- **Backwards adjustment** = the door opens automatically in advance.



KRABY 164 mm - DROP DOWN

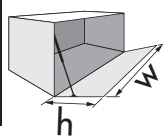


ZAnk EP ST

= 100 pcs.

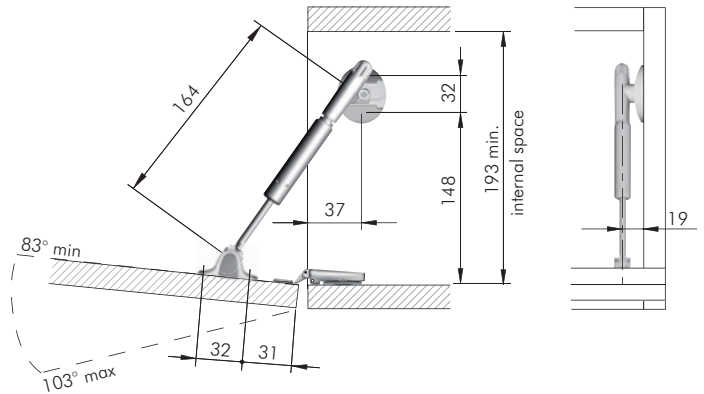
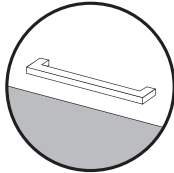
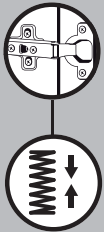
123
42201010NN

0

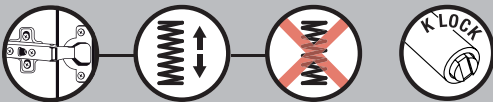


h	w	1200 max.
225-250	2 x 164 mm	< 3

This chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick using standard flap or Kimana hinges. These are experimental results to be checked by the customer. **For a better function and for safety reasons, we suggest to use at least two stays per piece of furniture (extra-size doors might require 3 or more gas stays).** For doors whose weights/dimensions are bigger than those reported on the chart, please increase the number of stays accordingly. Please make sure that gas stays are properly regulated in height through the apposite rotary knob so that the weight of the door is equally distributed amongst the stays used. Our technical department is at your disposal to test further cases out of this chart.



The dimensions of the drilling plan refer to carcasses which use **standard sprung 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 in case of use of **unsprung hinges** or **negative hinges**, **magnet K Lock** is required. For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



KRABY 244 mm - DROP DOWN



ZAnk EP ST = 100 pcs.

42210010NN 0

h	W	1200 max.
Stays	Kg	
301-350	2 x 244 mm	< 4,9

This chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick using standard, flap or Kimana hinges. These are experimental results to be checked by the customer. **For a better function and for safety reasons, we suggest to use at least two stays per piece of furniture (extra-size doors might require 3 or more gas stays).** For doors whose weights/dimensions are bigger than those reported on the chart, please increase the number of stays accordingly. Please make sure that gas stays are properly regulated in height through the apposite rotary knob so that the weight of the door is equally distributed amongst the stays used. Our technical department is at your disposal to test further cases out of this chart

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



KRABY 355 mm - DROP DOWN



ZAnk EP ST = 100 pcs.

42230010NN 0

h	W	1200 max.
401-450	2 x 355 mm	< 6,3

This chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick using standard, flap or Kimana hinges. These are experimental results to be checked by the customer. **For a better function and for safety reasons, we suggest to use at least two stays per piece of furniture (extra-size doors might require 3 or more gas stays).** For doors whose weights/dimensions are bigger than those reported on the chart, please increase the number of stays accordingly. Please make sure that gas stays are properly regulated in height through the apposite rotary knob so that the weight of the door is equally distributed amongst the stays used. Our technical department is at your disposal to test further cases out of this chart.

The dimensions of the drilling plan refer to carcasses which use **standard sprung 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 in case of use of **unsprung hinges** or **negative hinges**, **magnet K'LOCK** is required. For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".

KRABY DROP DOWN WITH STANDARD UNSPRUNG OR NEGATIVE HINGES AUTOMATIC OPENING DOOR WITH K PUSH TECH THE SHORT WITH MAGNET



INSTALLATION

- For details refer to "KRABY BRACKETS".

K Push Tech the short with magnet

OPTION 1: Visible

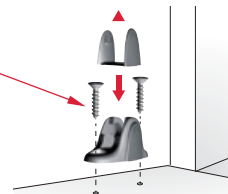
OPTION 2: Invisible

VERY IMPORTANT

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



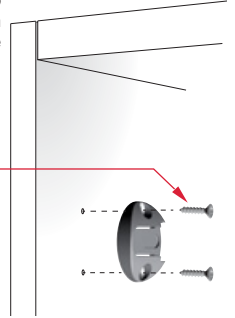
recommended fixing countersunk head wood screws Ø4x16 mm



VERY IMPORTANT

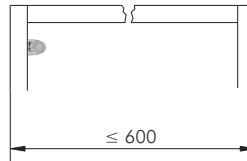
The side bracket has to be placed with the slot in horizontal position and the open end facing the wall.

recommended fixing countersunk head wood screws Ø4x16 mm

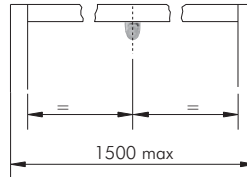


INSTALLATION OF K PUSH TECH THE SHORT WITH MAGNET THROUGH ADAPTER HOUSING

OPTION 1: VISIBLE

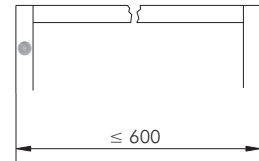


1 piece for door width ≤ 600 mm to be placed on same side as the Kraby.

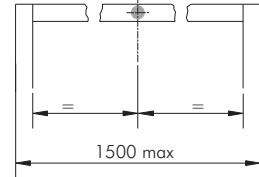


INSTALLATION OF K PUSH TECH THE SHORT WITH MAGNET TO BE EMBEDDED INSIDE THE PANEL

OPTION 2: INVISIBLE



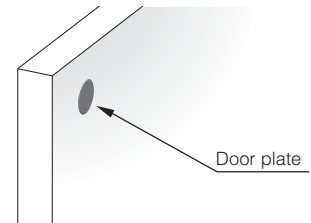
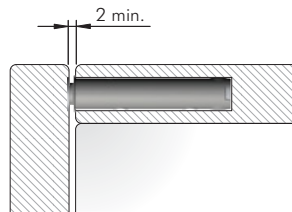
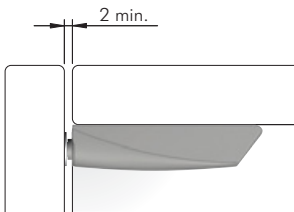
1 piece for door width ≤ 600 mm to be placed on same side as the Kraby.



- Our technical department is at your disposal to test wider doors.

K PUSH TECH THE SHORT WITH MAGNET VISIBLE OR INVISIBLE VERSION AND K PUSH TECH PLATE FOR THE DOOR

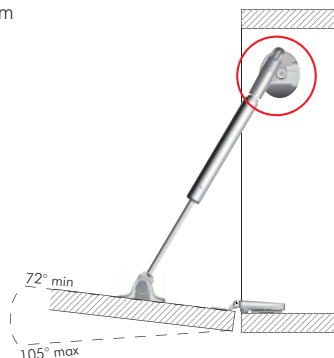
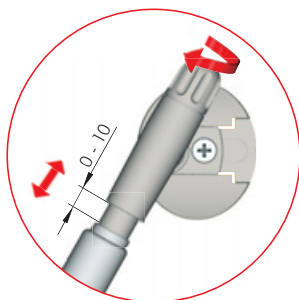
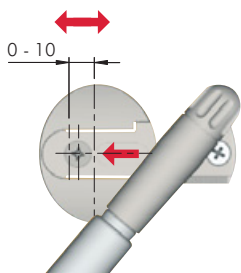
- For details refer to section "PUSH CATCHES & MAGNETIC CATCHES".



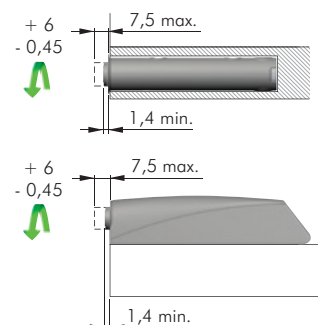
KRABY ADJUSTMENTS

FRONT TO BACK ADJUSTMENT 0 - 10 mm

OPEN ANGLE ADJUSTMENT 0 - 10 mm



K PUSH TECH ADJUSTMENTS





KRABY 164 mm - DROP DOWN

The dimensions of the drilling plan refer to carcasses which use **standard unsprung or negative 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.

For pistons quantity to be specified according to door size, refer to the chart for "KRABY 164 mm - DROP DOWN".

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 244 mm - DROP DOWN

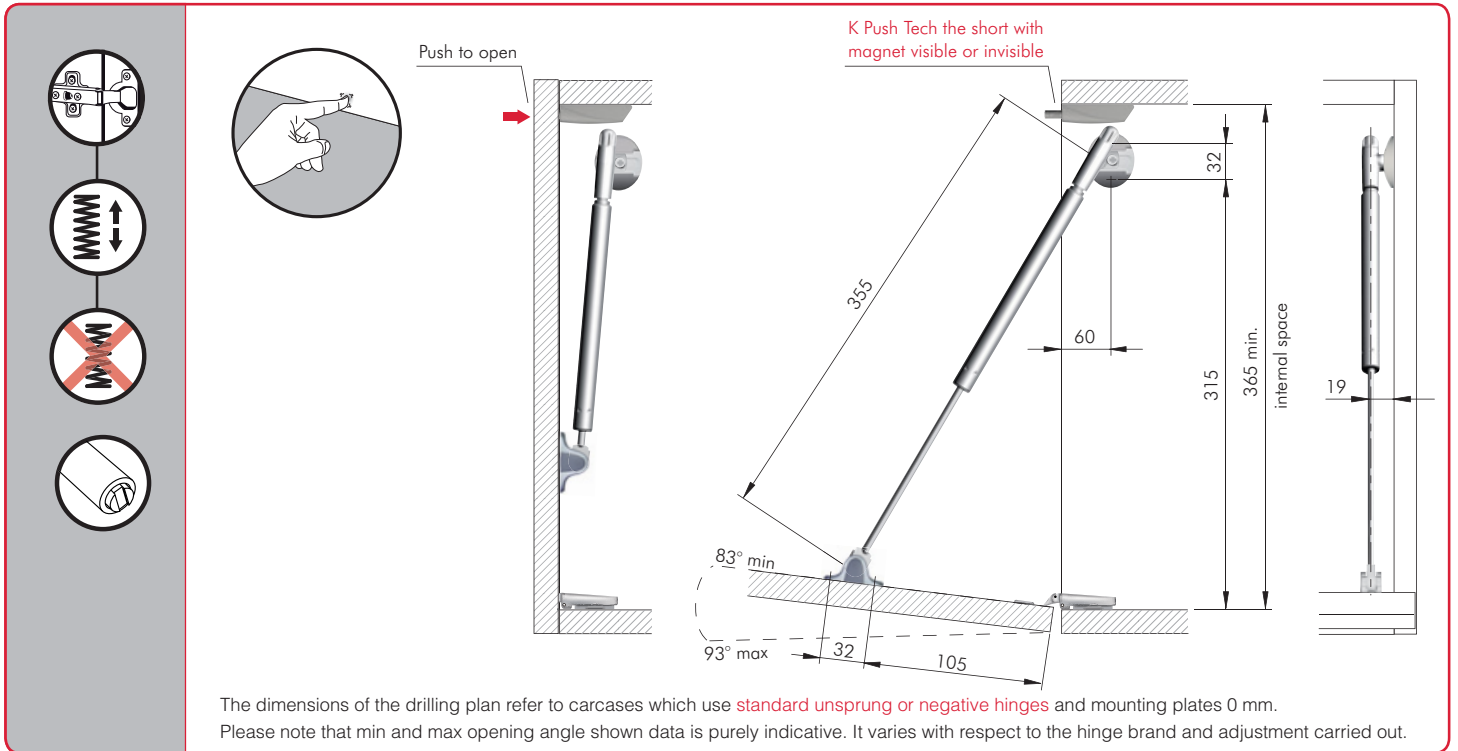
The dimensions of the drilling plan refer to carcasses which use **standard unsprung or negative hinges** and mounting plates 0 mm.
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For pistons quantity to be specified according to door size, refer to the chart for "KRABY 244 mm - DROP DOWN".

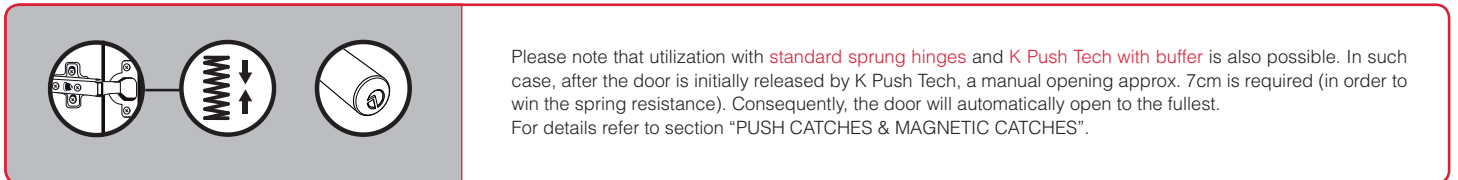
Please note that utilization with **standard sprung hinges** and **K Push Tech with buffer** is also possible. In such case, after the door is initially released by K Push Tech, a manual opening approx. 7cm is required (in order to win the spring resistance). Consequently, the door will automatically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

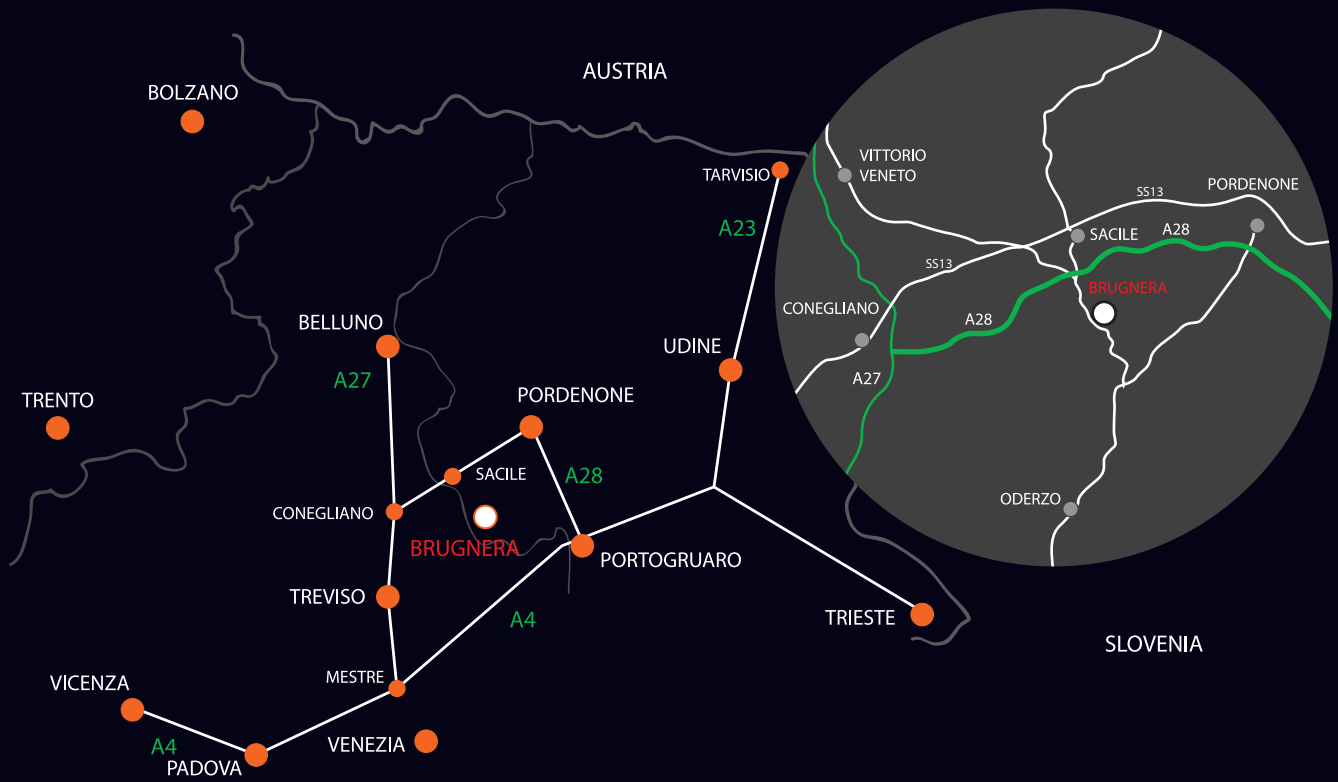


KRABY 355 mm - DROP DOWN



For pistons quantity to be specified according to door size, refer to the chart for "KRABY 355 mm - DROP DOWN".





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