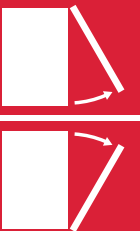


COMPACT DROP DOWN - STANDARD HINGE



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 | | |

COMPACT DROP DOWN WITH STANDARD SPRUNG HINGES



COMPACT 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 directly fixed 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.

Quick and easy installing:

just slot the piston onto the door bracket and then easily click it against the side bracket. A plastic cover to be placed on the door bracket can be provided and personalized on request.

Useful method:

To change the time in opening of the door by installing the side bracket in accordance to the suggested positions (position A or position B).

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

REGISTERED DESIGN
UNI 8607/05 Level 5



INSTALLATION

- For details refer to "COMPACT BRACKETS".

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

* VERY IMPORTANT

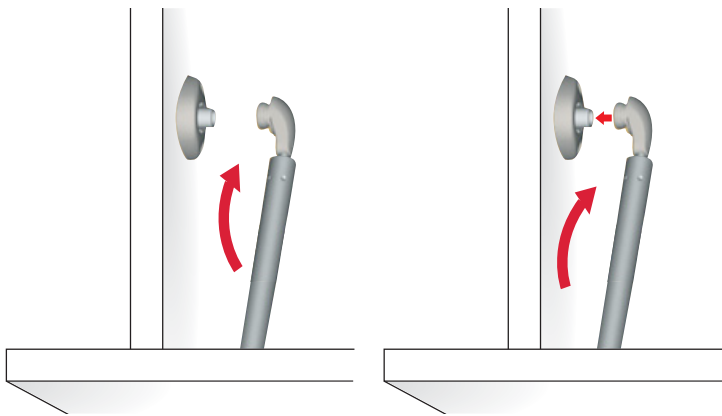
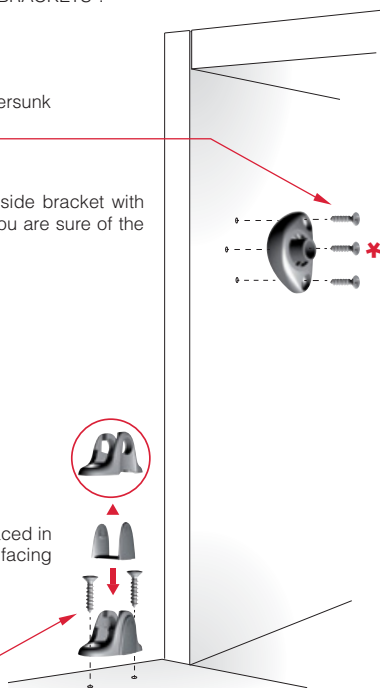
Please secure in position the side bracket with the central screw only when you are sure of the required type of closing.



VERY IMPORTANT

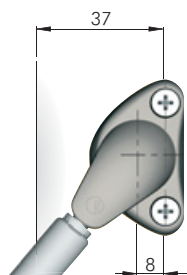
The door bracket has to be placed in vertical position with the slot facing forwards.

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

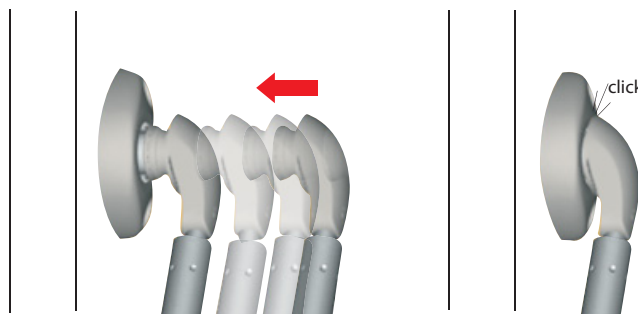
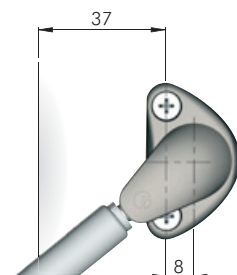


FRONT TO BACK ADJUSTMENTS

POSITION A



POSITION B



The opening of the door can be changed by adjusting the position of the side bracket:

- **Position A** = the door opens automatically later.
- **Position B** = the door opens automatically in advance.



COMPACT 164 mm - DROP DOWN



ZAnk EP ST = 100 pcs.

42501010NN 0

| h | W | 1200 max. |
|---------|-----------|-----------|
| | Stays | Kg |
| 225-250 | 2xL 164mm | < 3,5 |

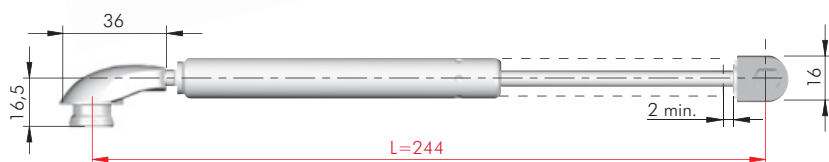
This chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick using standard, flap or Kimana hinges. These are experimental results to be checked by the customer. **For a better function and for safety reasons, we suggest to use at least two stays per piece of furniture (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.

| | α° |
|----------------------------|----------------|
| Side bracket in Position A | 88° |
| Side bracket in Position B | 71° |

The dimensions of the drilling plan refer to carcasses which use **standard sprung hinges** and mounting plates 0 mm. Please note that α° 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".

COMPACT 244 mm - DROP DOWN



ZAnk EP ST = 100 pcs.

42510010NN 0

| h | W 1200 max. | |
|---------|-------------|-------|
| | Compact | Kg |
| 301-350 | 2xL 244mm | < 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

| | α° |
|----------------------------|----------------|
| Side bracket in Position A | 86° |
| Side bracket in Position B | 78° |

The dimensions of the drilling plan refer to carcasses which use **standard sprung hinges** and mounting plates 0 mm.
Please note that α° 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".



COMPACT 355 mm - DROP DOWN



ZAnk EP ST = 100 pcs.

42530010NN

| h | w | 1200 max. |
|---------|-----------|-----------|
| 401-450 | 2xL 355mm | < 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.

| | α° |
|----------------------------|----------------|
| Side bracket in Position A | 85° |
| Side bracket in Position B | 83° |

The dimensions of the drilling plan refer to carcasses which use **standard sprung hinges** and mounting plates 0 mm.
Please note that α° 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".

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



INSTALLATION

- For details refer to "COMPACT BRACKETS".

VERY IMPORTANT

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

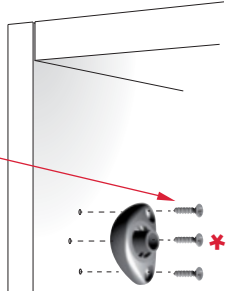


recommended fixing countersunk head wood screws $\varnothing 4 \times 16$ mm

* VERY IMPORTANT

Please secure in position the side bracket with the central screw only when you are sure of the required type of closing.

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



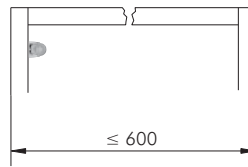
K Push the short with magnet

OPTION 1: Visible

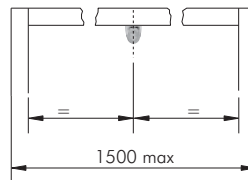
OPTION 2: Invisible

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

OPTION 1: VISIBLE



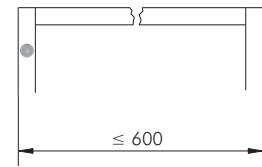
1 piece for door width ≤ 600 mm to be placed on same side as the Kraby.



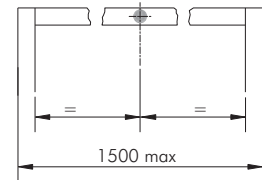
- Our technical department is at your disposal to test wider doors.

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

OPTION 2: INVISIBLE

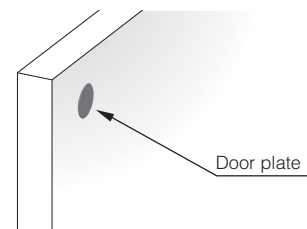
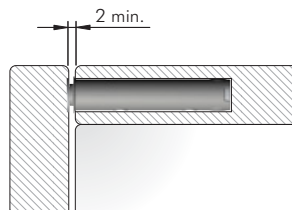
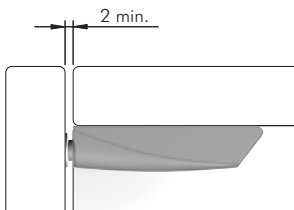


1 piece for door width ≤ 600 mm to be placed on same side as the Kraby.



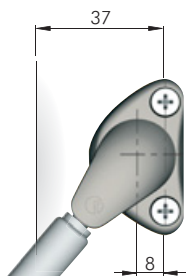
K PUSH TECH THE SHORT WITH MAGNET VISIBLE OR INVISIBLE VERSION AND K PUSH TECH PLATE FOR THE DOOR

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

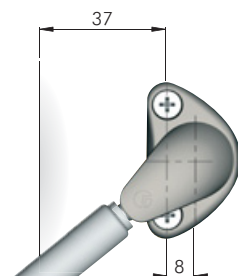


FRONT TO BACK ADJUSTMENTS

POSITION A



POSITION B

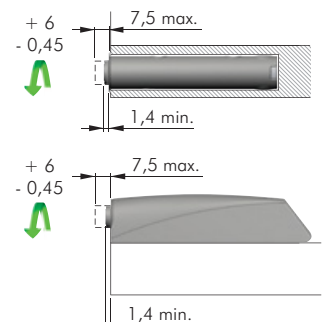


The opening of the door can be changed by adjusting the position of the side bracket:

- Position A = the door opens automatically later.

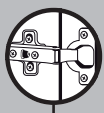
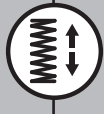


- Position B = the door opens automatically in advance.

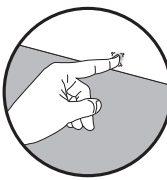
K PUSH TECH ADJUSTMENTS



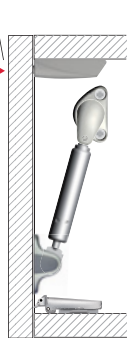


COMPACT 164 mm - DROP DOWN

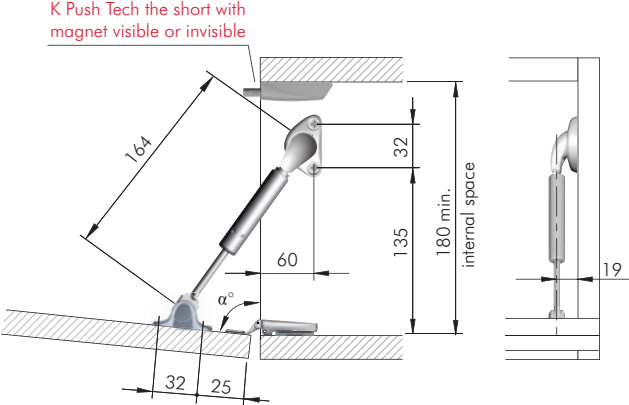







Push to open →



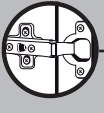


K Push Tech the short with magnet visible or invisible



| | α° |
|----------------------------|----------------|
| Side bracket in Position A | 88° |
| Side bracket in Position B | 72° |

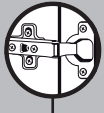
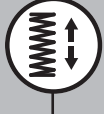


The dimensions of the drilling plan refer to carcasses which use **standard unsprung or negative hinges** and mounting plates 0 mm. Please note that α° opening angle shown data is purely indicative. It varies with respect to the hinge brand and adjustment carried out.

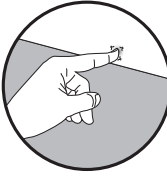
For pistons quantity to be specified according to door size, refer to the chart for "COMPACT 164 mm - DROP DOWN".

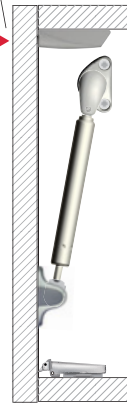
Please note that utilization with **standard sprung hinges** and **K Push Tech with buffer** is also possible. In such case, after the door is initially released by K Push Tech, a manual opening approx. 7cm is required (in order to win the spring resistance). Consequently, the door will automatically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

COMPACT 244 mm - DROP DOWN

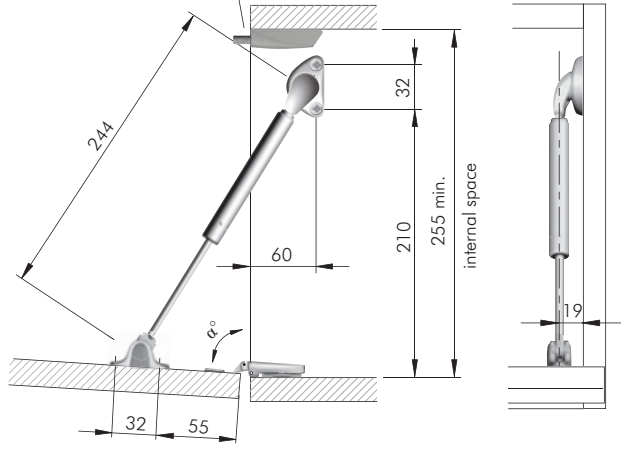







Push to open →




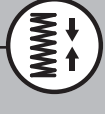

K Push Tech the short with magnet visible or invisible



| | α° |
|----------------------------|----------------|
| Side bracket in Position A | 88° |
| Side bracket in Position B | 81° |

The dimensions of the drilling plan refer to carcasses which use **standard unsprung or negative hinges** and mounting plates 0 mm. Please note that α° 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 "COMPACT 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".

COMPACT 355 mm - DROP DOWN

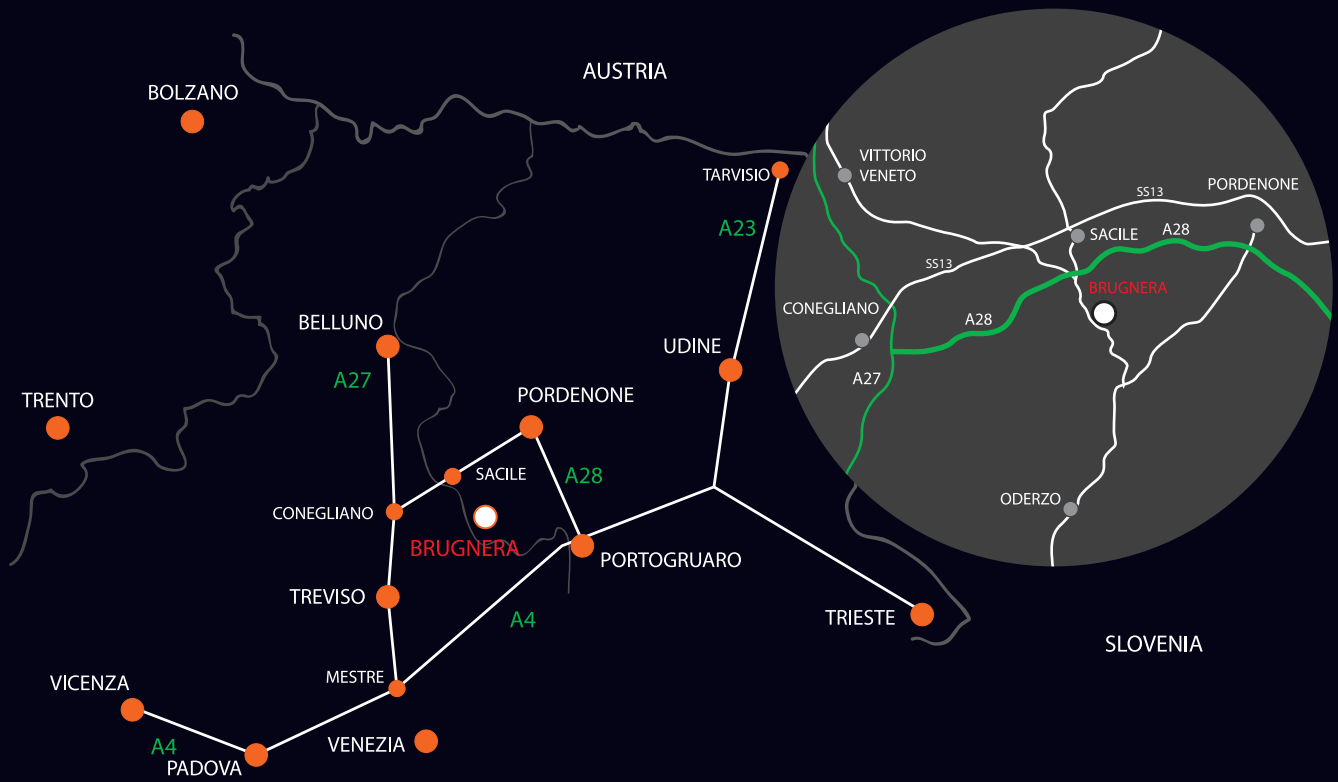
| Side bracket in Position A | α° |
|----------------------------|----------------|
| Side bracket in Position A | 88° |
| Side bracket in Position B | 84° |

The dimensions of the drilling plan refer to carcasses which use **standard unsprung or negative hinges** and mounting plates 0 mm.
Please note that α° 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 "COMPACT 355 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".





www.italianaferramenta.com