

NEW RELEASE

duras

→ **Gas Lift
Systems**

→ **Push Catches**



Welcome to ***duras***

➔ **Gas Lift Systems**

Duras Gas Lift is the new gas lift flap stay for doors. It has been designed to be installed by using standard automatic drilling processes. It is available in several strengths and lengths to suit medium to large 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 are available.

These Duras Gas Lift Systems are available in:

- ➔ **Automatic 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.

Features and Benefits:

- ➔ Alignment adjustment on the base of the stay to allow alignment to nearby doors.
- ➔ Adjustment on base plate to allow for soft closing or push to open.

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

➔ **K-Push Series**

Duras K-Push is the new patented automatic opening system for doors without handles or knobs. A special inner mechanism provides a very silent, yet powerful utilisation, granting a long durability which makes it perfectly suitable for a wide range of doors. The captivating design and the minimal shape make K-Push aesthetically unique.

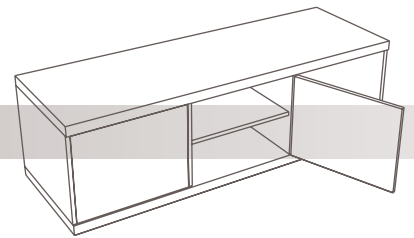
Moreover K-Push is available in two versions:

- ➔ **With magnet**, for cabinets using unsprung hinges or negative hinges.
- ➔ **With buffer**, for cabinets using sprung hinges.

To find out more or order from this brochure, please call our friendly sales team on 1800 101 009.

The Furnware Team





duras

Duras Gas Lift Systems

Duras Gas Lift 164mm

- ✓ Made in Germany
- ✓ 164mm Long
- ✓ Gas lift
- ✓ For doors 230 - 300mm high
- ✓ Automatic or friction versions

Automatic Version: Once you begin to open the door, it continues to open gently and completely by itself.

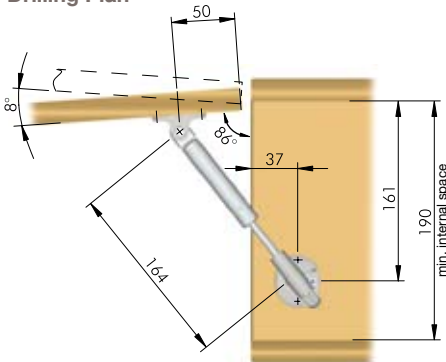
Friction Version: The stay holds the door in any position required.



Part No.	Description	Finish	Per
D1019.0024	Stay Only 45 N Friction	GY	ea
D1018.430	Stay Only 50 N Automatic	GY	ea
D1018.4302	Stay Only 80 N Automatic	GY	ea

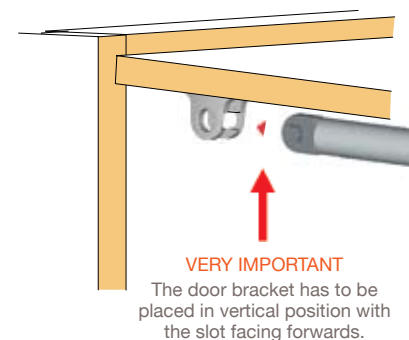
NOTE: Brackets not included.
Refer to pages 6 & 7 for all brackets & adaptors.

Drilling Plan

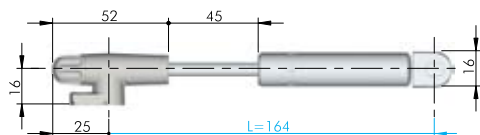


The dimensions of the above drilling plan refer to carcasses which use standard sprung hinges and mounting plates 0 mm.

Application



Technical drawing and chart to select the right Part No.



FRICTION OPENING VERSION												
PART.NO	D1019.0024		WIDTH DOOR (mm)		450		600		900		1200	
STRENGTH (N)	45		Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS
	230 - 250		1.2 - 1.3	1 x 45 N	1.6 - 1.8	1 x 45 N	2.4 - 2.6	2 x 45 N	3.2 - 3.5	2 x 45 N		
	251 - 300		1.3 - 1.6	1 x 45 N	1.8 - 2.1	2 x 45 N	2.6 - 3.2	2 x 45 N				

AUTOMATIC OPENING VERSION												
PART.NO	D1018.430	D1018.4302	WIDTH DOOR (mm)		450		600		900		1200	
STRENGTH (N)	50	80	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS
	230 - 250		1.2 - 1.3	1 x 50 N	1.6 - 1.8	1 x 80 N	2.4 - 2.6	2 x 50 N	3.2 - 3.5	2 x 80 N		
	251 - 300		1.3 - 1.6	1 x 80 N	1.8 - 2.1	2 x 50 N	2.6 - 3.2	2 x 80 N	3.5 - 4.2	2 x 80 N		

The above chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick. These are experimental results to be checked by the customer.

NEW RELEASE → Duras Gas Lift Systems



Duras Gas Lift 244mm

- ✓ Made in Germany
- ✓ 244mm Long
- ✓ Gas lift
- ✓ For doors 300 - 400mm high
- ✓ Automatic or friction versions

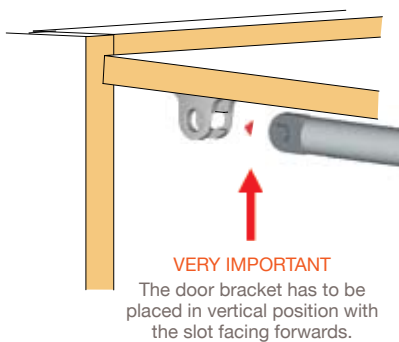
Automatic Version: Once you begin to open the door, it continues to open gently and completely by itself.

Friction Version: The stay holds the door in any position required.

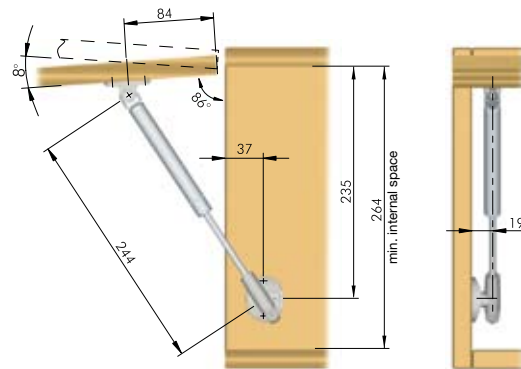
NOTE: Brackets not included.
Refer to pages 6 & 7 for all brackets & adaptors.

Part No.	Description	Finish	Per
D1019.13	Stay Only 45 N Friction	GY	ea
D1019.16	Stay Only 60 N Friction	GY	ea
D1018.432	Stay Only 80 N Automatic	GY	ea
D1018.433	Stay Only 100 N Automatic	GY	ea

Application

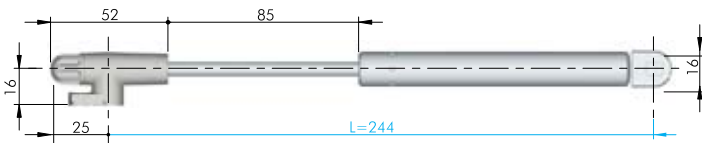


Drilling Plan



The dimensions of the above drilling plan refer to carcasses which use standard sprung hinges and mounting plates 0 mm.

Technical drawing and chart to select the right Part No.



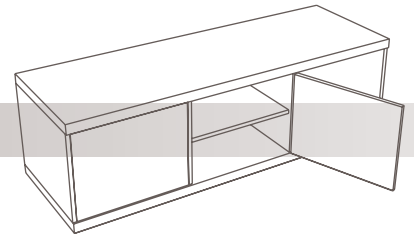
FRICITION OPENING VERSION

PART.NO	D1019.13	D1019.16	WIDTH DOOR (mm)		450		600		900		1200	
			HEIGHT DOOR (mm)	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	
	45	60	300 - 350	1.6 - 1.8	1 x 45 N	2.1 - 2.5	1 x 60 N	3.2 - 3.7	2 x 45 N	4.2 - 4.9	2 x 45 N	
			351 - 400	1.8 - 2.1	1 x 45 N	2.5 - 2.8	1 x 60 N	3.7 - 4.2	2 x 45 N	4.9 - 5.6	2 x 60 N	

AUTOMATIC OPENING VERSION

PART.NO	D1018.432	D1018.433	WIDTH DOOR (mm)		450		600		900		1200	
			HEIGHT DOOR (mm)	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	
	80	100	300 - 350	1.6 - 1.8	1 x 80 N	2.1 - 2.5	1 x 80 N	3.2 - 3.7	2 x 80 N	4.2 - 4.9	2 x 80 N	
			351 - 400	1.8 - 2.1	1 x 80 N	2.5 - 2.8	1 x 100 N	3.7 - 4.2	2 x 80 N	4.9 - 5.6	2 x 100 N	

The above chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick. These are experimental results to be checked by the customer.



Duras Gas Lift 355mm

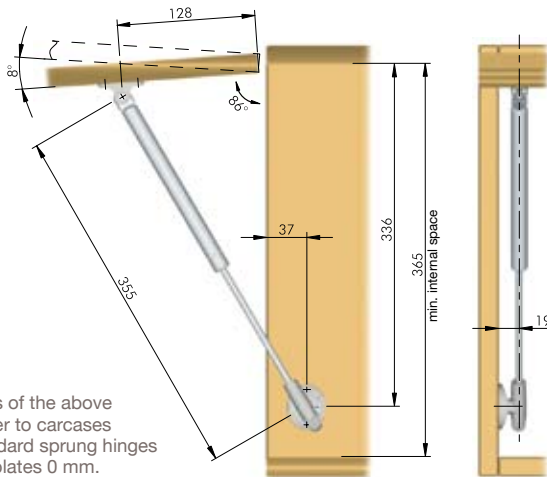
- ✓ Made in Germany
 - ✓ 355mm Long
 - ✓ Gas lift
 - ✓ For doors 400 - 700mm high
- Automatic or friction versions
- Automatic Version:** Once you begin to open the door, it continues to open gently and completely by itself.
- Friction Version:** The stay holds the door in any position required.



NOTE: Brackets not included.
Refer to pages 6 & 7 for all brackets & adaptors.

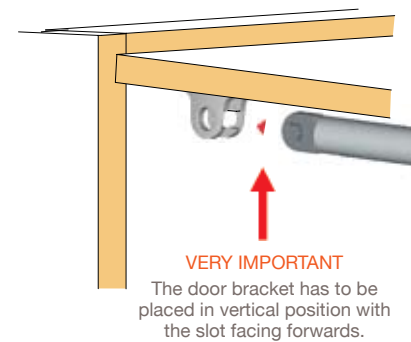
Part No.	Description	Finish	Per
D1019.40	Stay Only 45 N Friction	GY	ea
D1019.41	Stay Only 60 N Friction	GY	ea
D1019.42	Stay Only 90 N Friction	GY	ea
D1018.630	Stay Only 50 N Automatic	GY	ea
D1018.632	Stay Only 80 N Automatic	GY	ea
D1018.633	Stay Only 100 N Automatic	GY	ea

Drilling Plan

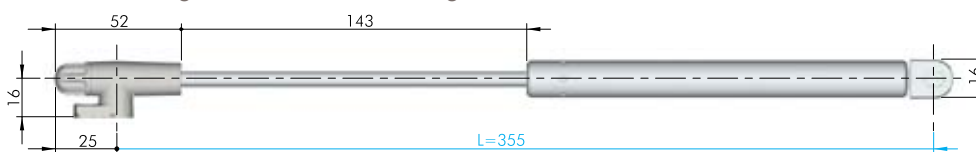


The dimensions of the above drilling plan refer to carcasses which use standard sprung hinges and mounting plates 0 mm.

Application



Technical drawing and chart to select the right Part No.



FRICITION OPENING VERSION

PART NO.	D1019.40	D1019.41	D1019.42	900		1200		1500		1800		
STRENGTH (N)	45	60	90	900		1200		1500		1800		
WIDTH DOOR (mm)	450		600		900		1200		1500		1800	
HEIGHT DOOR (mm)	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS
400 - 450	2.1 - 2.4	1 x 60 N	2.8 - 3.2	2 x 45 N	4.2 - 4.7	2 x 45 N	5.6 - 6.3	2 x 60 N	7.0 - 7.9	2 x 60 N	8.4 - 9.5	2 x 90 N
451 - 500	2.4 - 2.6	1 x 60 N	3.2 - 3.5	2 x 45 N	4.7 - 5.3	2 x 45 N	6.3 - 7.0	2 x 60 N	7.9 - 8.8	2 x 90 N	9.5 - 10.5	2 x 90 N
501 - 550	2.6 - 2.9	1 x 60 N	3.5 - 3.9	2 x 45 N	5.3 - 5.8	2 x 60 N	7.0 - 7.7	2 x 90 N	8.8 - 9.7	2 x 90 N		
551 - 600	2.9 - 3.2	2 x 45 N	3.9 - 4.2	2 x 60 N	5.8 - 6.3	2 x 60 N	7.7 - 8.4	2 x 90 N				
601 - 650	3.2 - 3.4	2 x 60 N	4.2 - 4.6	2 x 60 N	6.3 - 6.8	2 x 90 N						
651 - 700	3.4 - 3.7	2 x 60 N	4.6 - 4.9	2 x 60 N	6.8 - 7.4	2 x 90 N						

AUTOMATIC OPENING VERSION

PART NO.	D1018.630	D1018.632	D1018.633	900		1200		1500		1800		
STRENGTH (N)	50	80	100	900		1200		1500		1800		
WIDTH DOOR (mm)	450		600		900		1200		1500		1800	
HEIGHT DOOR (mm)	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS
400 - 450	2.1 - 2.4	1 x 80 N	2.8 - 3.2	2 x 50 N	4.2 - 4.7	2 x 50 N	5.6 - 6.3	2 x 80 N	7.0 - 7.9	2 x 80 N	8.4 - 9.5	2 x 100 N
451 - 500	2.4 - 2.6	1 x 80 N	3.2 - 3.5	2 x 50 N	4.7 - 5.3	2 x 80 N	6.3 - 7.0	2 x 80 N	7.9 - 8.8	2 x 100 N		
501 - 550	2.6 - 2.9	1 x 80 N	3.5 - 3.9	2 x 50 N	5.3 - 5.8	2 x 80 N	7.0 - 7.7	2 x 100 N				
551 - 600	2.9 - 3.2	2 x 50 N	3.9 - 4.2	2 x 80 N	5.8 - 6.3	2 x 80 N						
601 - 650	3.2 - 3.4	2 x 80 N	4.2 - 4.6	2 x 80 N	6.3 - 6.8	2 x 100 N						
651 - 700	3.4 - 3.7	2 x 80 N	4.6 - 4.9	2 x 80 N								

The above chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick. These are experimental results to be checked by the customer.

NEW RELEASE → Duras Gas Lift Systems



Duras Gas Lift 480mm

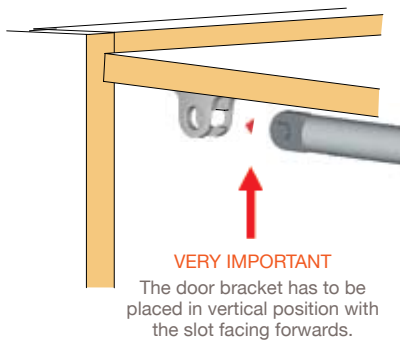
- ✓ Made in Germany
- ✓ 480mm Long
- ✓ Gas lift
- ✓ For doors 520 - 700mm high
- ✓ Friction versions only

Friction Version: The stay holds the door in any position required.

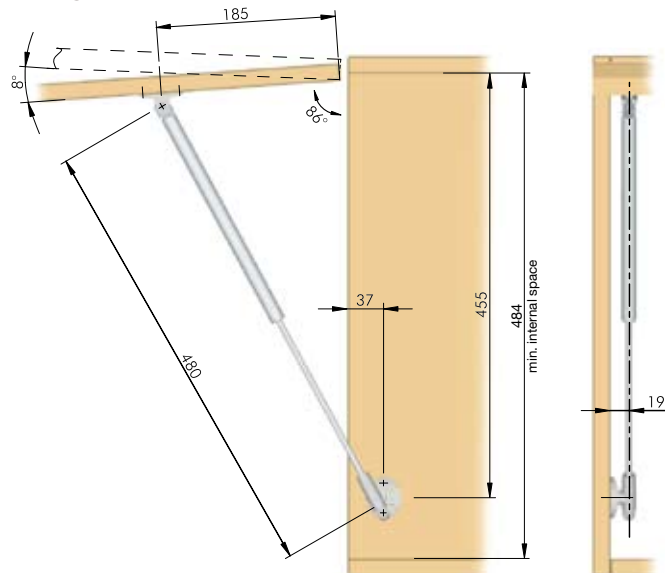
NOTE: Brackets not included.
Refer to pages 6 & 7 for all brackets & adaptors.

Part No.	Description	Finish	Per
D1019.530	Stay Only 45 N Friction	GY	ea
D1019.533	Stay Only 60 N Friction	GY	ea
D1019.535	Stay Only 90 N Friction	GY	ea

Application

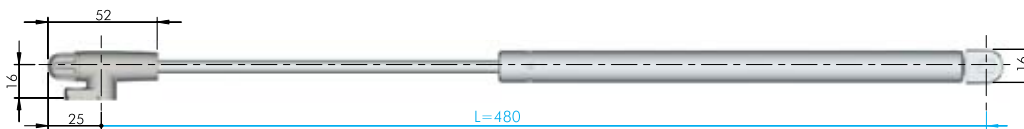


Drilling Plan



The dimensions of the above drilling plan refer to carcasses which use standard sprung hinges and mounting plates 0 mm.

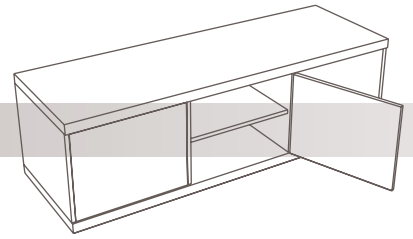
Technical drawing and chart to select the right Part No.



FRICITION OPENING VERSION

PART NO.	D1019.530		D1019.533		D1019.535							
STRENGTH (N)	45		60		90							
WIDTH DOOR (mm)	450		600		900		1200		1500		1800	
HEIGHT DOOR (mm)	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS	Kg	STAYS
520 - 550	2.6 - 2.9	1 x 45 N	3.5 - 3.9	1 x 60 N	5.3 - 5.8	1 x 60 N	7.0 - 7.7	2 x 45 N	8.8 - 9.7	2 x 60 N	10.5 - 11.6	2 x 60 N
551 - 600	2.9 - 3.2	1 x 45 N	3.9 - 4.2	1 x 60 N	5.8 - 6.3	1 x 90 N	7.7 - 8.4	2 x 60 N	9.7 - 10.5	2 x 60 N	11.6 - 12.6	2 x 90 N
601 - 650	3.2 - 3.4	1 x 45 N	4.2 - 4.6	1 x 90 N	6.3 - 6.8	1 x 90 N	8.4 - 9.1	2 x 60 N	10.5 - 11.4	2 x 90 N	12.6 - 13.7	2 X 90 N
651 - 700	3.4 - 3.7	1 x 60 N	4.6 - 4.9	1 x 90 N	6.8 - 7.4	2 x 45 N	9.1 - 9.8	2 x 90 N				

The above chart refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick. These are experimental results to be checked by the customer.



Duras Drop Down Stay

- ✓ Made in Germany
- ✓ 164mm / 244mm / 355mm Long
- ✓ Gas lowering
- ✓ For doors 225 - 450mm high

Part No.	Description	Finish	Per
D1019.187	Stay Only 164mm Automatic	GY	ea
D1019.189	Stay Only 244mm Automatic	GY	ea
D1019.490	Stay Only 355mm Automatic	GY	ea



NOTE: Brackets not included.
Refer to pages 6 & 7 for all brackets & adaptors.

STANDARD SPRUNG HINGE

PART.NO	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	α°
D1019.187	164	164	47	193 min.	103°max / 83°min
D1019.189	244	240	84	270 min.	94°max / 83°min
D1019.490	355	345	135	374 min.	90°max / 83°min

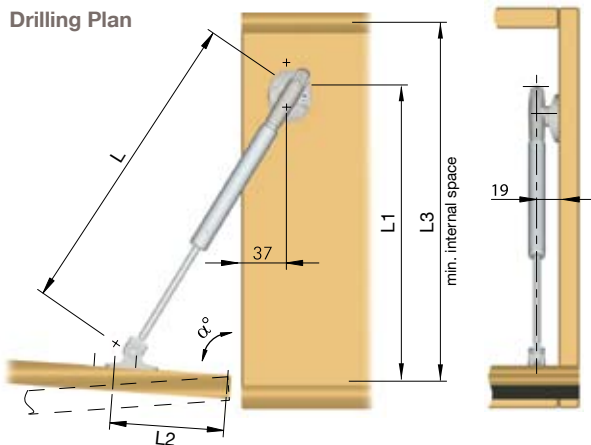
The dimensions of the above drilling plan refer to carcasses which use standard sprung hinges and mounting plates 0 mm.

FLAP HINGE

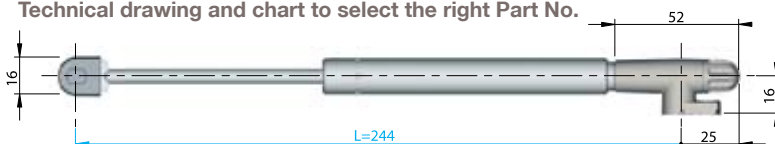
PART.NO	L (mm)	L1 (mm)	L2 (mm)	L3 (mm)	α°
D1019.187	164	170	50	199 min.	90°max / 70°min
D1019.189	244	240	84	270 min.	90°max / 80°min
D1019.490	355	342	130	371 min.	90°max / 83°min

The dimensions of the above drilling plan refer to carcasses which use flap hinges.

Drilling Plan



Technical drawing and chart to select the right Part No.

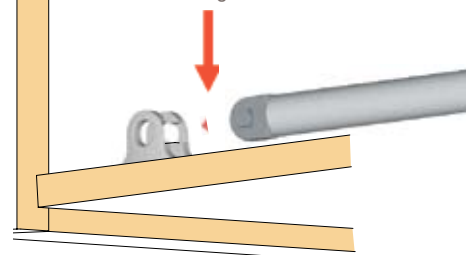


The chart to the right refers to chipboard or MDF 18 mm doors and aluminium frame doors with glass 4 mm thick. These are experimental results to be checked by the customer. For a better function and for safety reasons, we suggest to use at least two stays per piece of furniture (extra-size doors might 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 opposite rotary knob so that the weight of the door is equally distributed amongst the stays used.

Application

VERY IMPORTANT

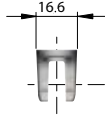
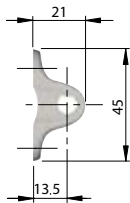
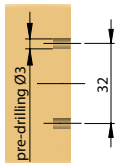
The door bracket has to be placed in vertical position with the slot facing forwards.



Drop Down

WIDTH DOOR (mm)	HEIGHT DOOR (mm)	Kg	1200 max STAYS
225 - 250	< 3.5	< 3.5	2 x L 164mm
301 - 350	< 4.9	< 4.9	2 x L 244mm
401 - 450	< 6.3	< 6.3	2 x L 355mm

NEW RELEASE → Duras Gas Lift Systems



Duras Stays Mounting Brackets

Door Bracket for Duras

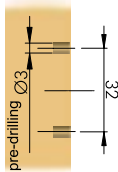
- Door bracket with 2 countersunk holes

Part No.	Finish	Per
D1019.8405	NP	ea

Cover Cap for Duras Door Bracket



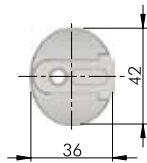
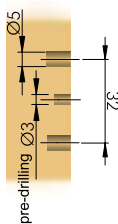
Part No.	Finish	Per
D1019.848200	GY	ea



Side Bracket for Duras

- Side bracket with 2 countersunk holes for Ø4 x 18mm screws or Ø5.9 x 12.7mm euro screws
- Zinc Alloy

Part No.	Finish	Per
D1019.792	NP	ea



Side Bracket for Duras

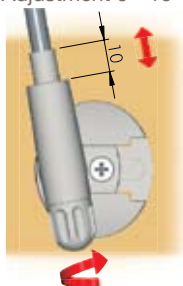
- Side bracket with 2 x Ø5mm pins and countersunk hole for Ø4 x 18mm screws or Ø5.9 x 12.7mm euro screws
- Zinc Alloy

Part No.	Finish	Per
D1019.78	NP	ea

DURAS SIDE BRACKET ADJUSTMENT SYSTEM

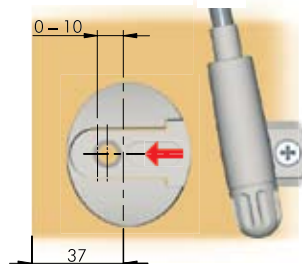
Adjustment of the Door Opening Angle

Adjustment 0 - 10

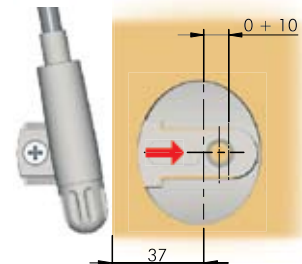


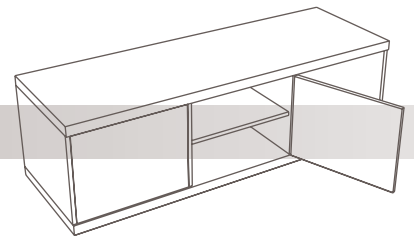
Adjustment of the Door Closing Strength

Standard Closing



Soft Closing





Duras Stays Mounting Brackets - Aluminium Doors

Trilobata Screws for Duras Adaptors

- “Trilobata” Ø4 x 8mm screw for all options

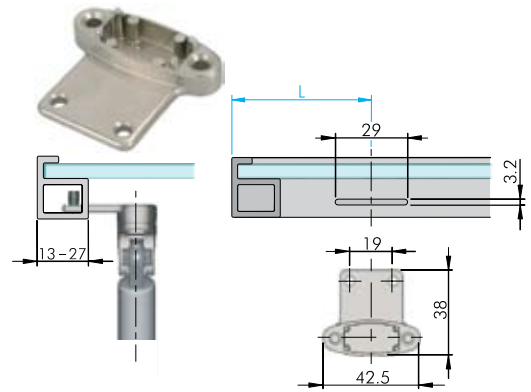
Part No.	Finish	Per
D2589.40	ZP	ea



Duras Adaptor for Aluminium Frame Door

- Adaptor for milled aluminium frame 13 – 27mm wide. Alu frame side and door bracket side with 2 holes for “Trilobata” screws
- Zinc Alloy

Part No.	Finish	Per
D1019.76	NP	ea

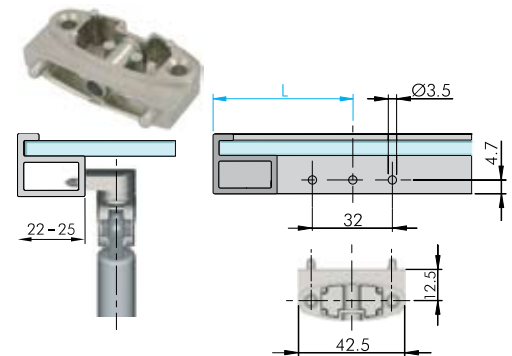


(Dimensions considering a carcass side 18mm thick)

Duras Adaptor for Aluminium Frame Door

- Adaptor for milled aluminium frame 22 – 25mm wide. Alu frame with 2 pins Ø3.5mm and through hole for self tapping screw and door bracket side with 2 holes for “Trilobata” screws
- Zinc Alloy

Part No.	Finish	Per
D1019.772	NP	ea

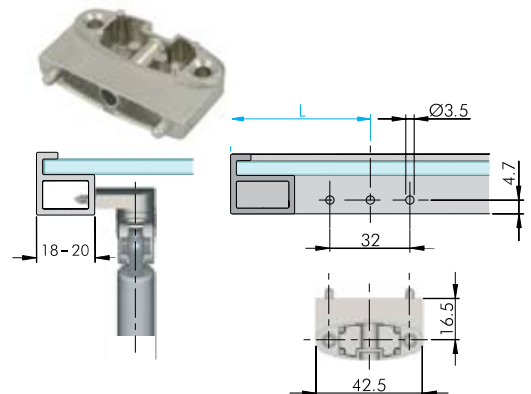


(Dimensions considering a carcass side 18mm thick)

Duras Adaptor for Aluminium Frame Door

- Adaptor for milled aluminium frame 18 – 20mm wide. Alu frame with 2 pins Ø3.5mm and through hole for self tapping screw and door bracket side with 2 holes for “Trilobata” screws
- Zinc Alloy

Part No.	Finish	Per
D1019.77	NP	ea



(Dimensions considering a carcass side 18mm thick)

NEW RELEASE ➔ Duras Push Catches

duras

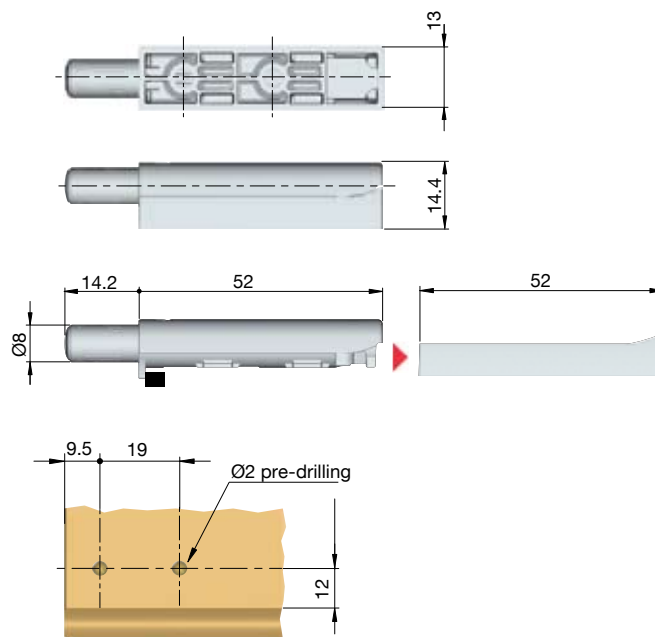


Duras K-Push Series

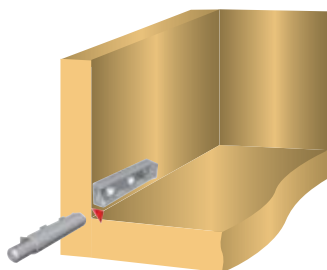
K-Push 1

- Supplied in kits with all necessary adaptors and striker plates
- For use with Adapter Housing
- Short version
- 14.5mm throw
- 3mm Adjustment

Part No.	Description	Finish	Per
DKP1.M	With magnet	GY	ea
DKP1.B	With buffer	GY	ea

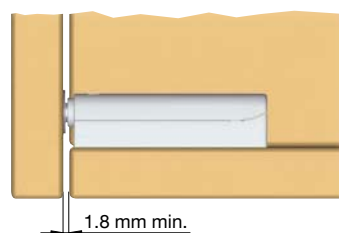


INSTALLATION WITH ADAPTER HOUSING



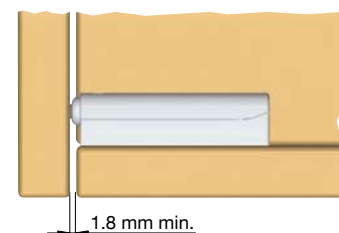
With Magnet

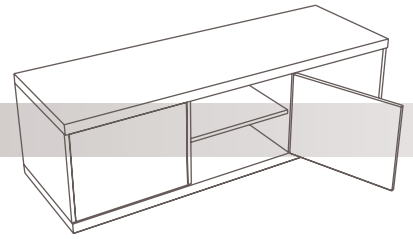
For cabinets using unspring hinges or negative hinges



With Buffer

For cabinets using spring hinges

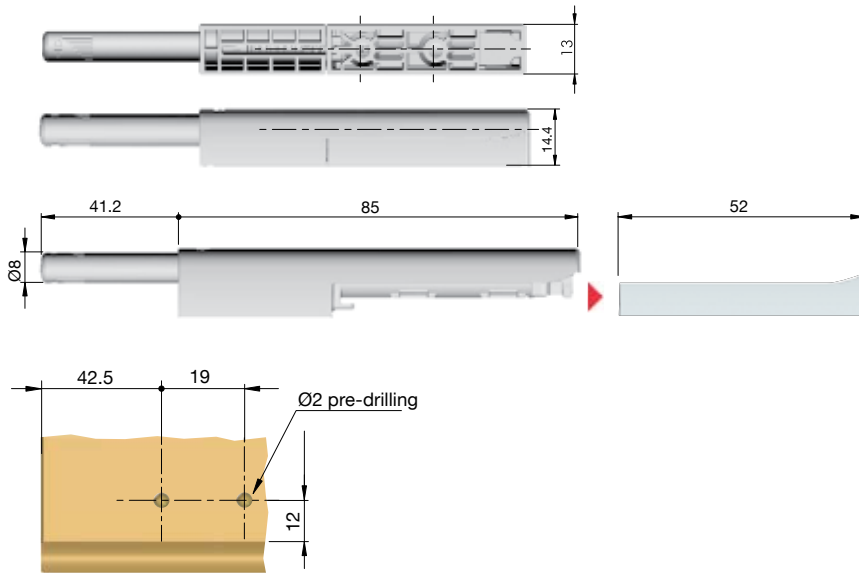




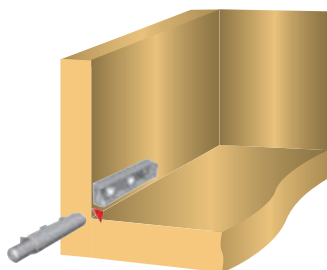
K-Push 2

- ✓ Supplied in kits with all necessary adaptors and striker plates
- ✓ For use with Adapter Housing
- ✓ Long version
- ✓ 41.5mm throw
- ✓ 3mm Adjustment

Part No.	Description	Finish	Per
DKP2.M	With magnet	GY	ea
DKP2.B	With buffer	GY	ea

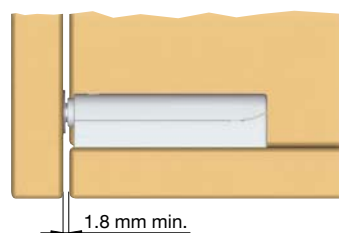


INSTALLATION WITH ADAPTER HOUSING



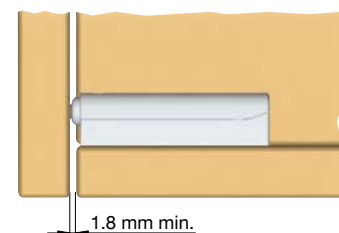
With Magnet

For cabinets using unspring hinges or negative hinges



With Buffer

For cabinets using spring hinges or negative hinges



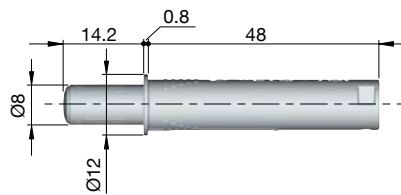
NEW RELEASE → Duras Push Catches



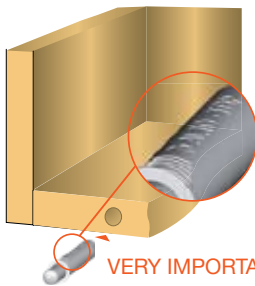
K-Push 3

- ✓ Supplied in kits with all necessary adaptors and striker plates
- ✓ Concealed Type
- ✓ Ø 10 x 50mm hole
- ✓ Short version
- ✓ 14.5mm throw
- ✓ 3mm Adjustment

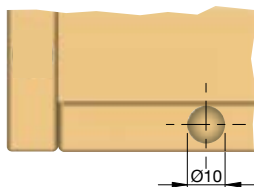
Part No.	Description	Finish	Per
DKP3.M	With magnet	GY	ea
DKP3.B	With buffer	GY	ea



INSTALLATION INSIDE THE PANEL

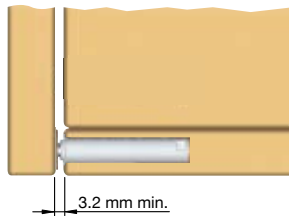


VERY IMPORTANT
K-Push has to be installed with the writing "ALTO-TOP" facing upwards



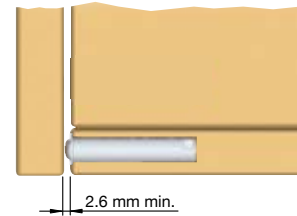
With Magnet

For cabinets using unsprung hinges or negative hinges

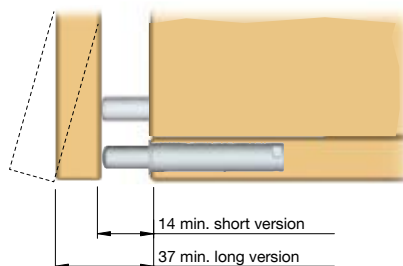


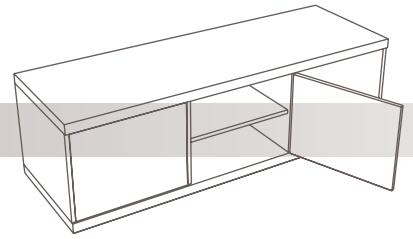
With Buffer

For cabinets using spring hinges



Adjustment

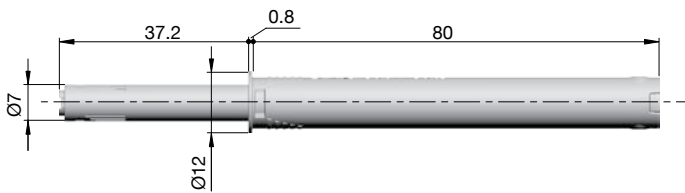




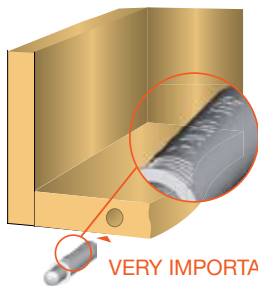
K-Push 5

- ✓ Supplied in kits with all necessary adaptors and striker plates
- ✓ Concealed Type
- ✓ Ø 10 x 80mm hole
- ✓ Long version
- ✓ 37.2mm throw
- ✓ 3mm Adjustment

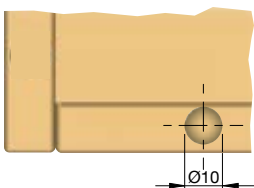
Part No.	Description	Finish	Per
DKP5.M	With magnet	GY	ea
DKP5.B	With buffer	GY	ea



INSTALLATION INSIDE THE PANEL

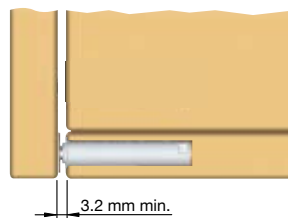


VERY IMPORTANT
K-Push has to be installed with the writing "ALTO-TOP" facing upwards



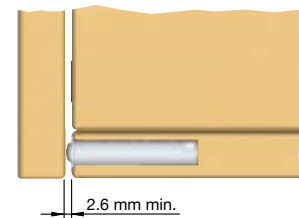
With Magnet

For cabinets using unspring hinges or negative hinges

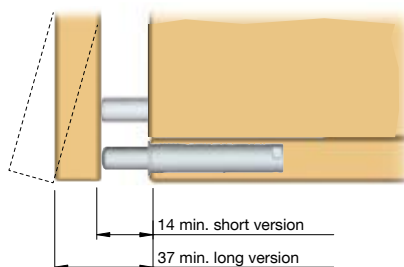


With Buffer

For cabinets using spring hinges



Adjustment



NEW RELEASE ➔ Duras Push Catches

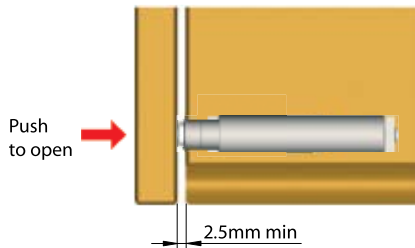


K-Push 4

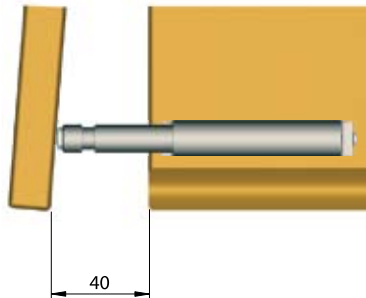
- ✔ Supplied in kits with all necessary adaptors and striker plates
- ✔ Long version
- ✔ 40mm throw
- ✔ 5mm Adjustment

Part No.	Description	Finish	Per
DKP4.B	With buffer	GY	ea

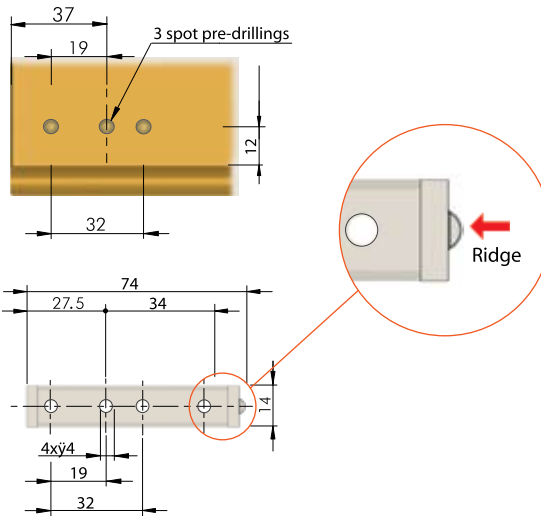
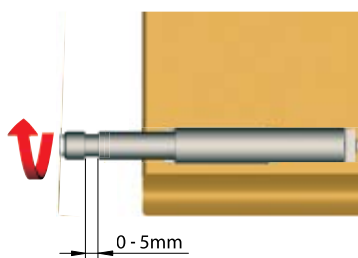
Close Position



Open Position



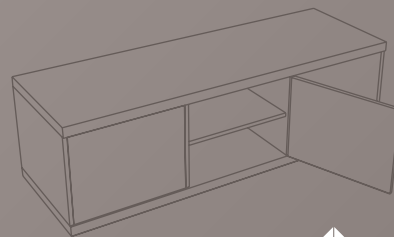
Adjustment to Align Nearby Doors



NOTE: Drilling plan provided refers to overlay door.

VERY IMPORTANT The side rail plate has to be placed with the ridge facing the carcass rear.

ATTENTION! Do not press or release the spring when the push-catch is not installed on the mounting plate.



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