

Glissando Soft-closing systems



Titus®

LAMA

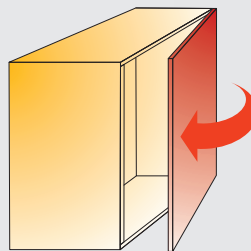
HUWIL

Glissando for hinge solutions

Hinge integrated soft-closing solution

2.11

Glissando TL
Glissando BS

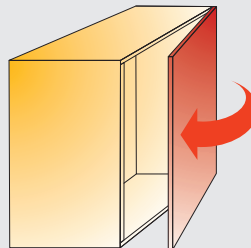


- effortless silent and safe door closing
- fits the hinge's standard drilling patterns
- easy retro-fit installation
- adjustable to different door sizes and weights
- perfect door motion

Stand-alone door soft-closing solution

2.13

Glissando MS
Glissando 170
Glissando FF

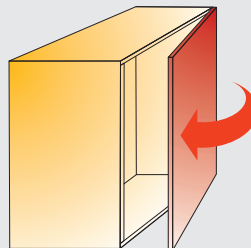


- effortless silent and safe door closing
- easy retro-fit installation
- adjustable to different door sizes and weights
- perfect door motion

Air-piston damper

2.15

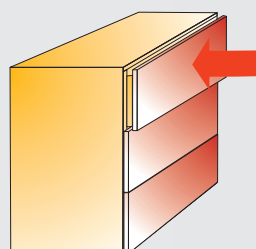
Glissando PD



- silent and safe door closing
- different mounting options
- retro-fit installation
- easy mounting

Glissando for drawers

Glissando DS

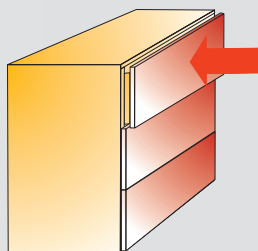


- self closing and soft closing in single mechanism
- safe drawer closing
- easy add on to existing drawer slides

2.17

Glissando for drawers

Glissando HD

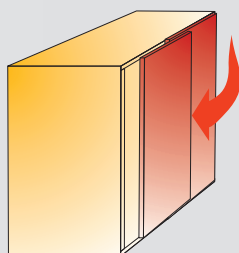


- for heavy drawers
- safe drawer closing
- easy mounting

2.19

Glissando for sliding door systems

Glissando HD
Glissando SL



- for heavy sliding doors
- silent and safe door closing
- perfect door motion
- multiple applications

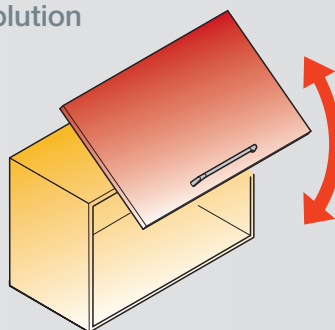
2.19

Glissando for lift-up systems

Integrated soft-closing solution

4.15

Huwilift-Senso
Huwilift-Strato
Huwilift-Verso
Huwilift-Maxi
Huwilift-Maxi swing soft
Huwilift-Maxi up

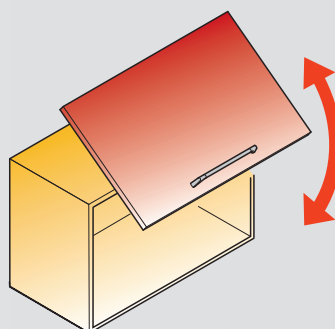


- effortless soft and safe door closing
- integrated damping system
- touch control
- smooth operating

Glissando on hinge

4.33

Huwilift-Duo
Huwilift-Duo forte
Huwilift-Fold



- effortless soft and safe door closing
- touch control
- easy mounting

Glissando for hinge solutions

Information

TitusPlus recommends!

Glissando can also be applied on cabinets with lift-up systems. The choice depends on the hinge that is mounted.

How to choose the right Glissando?

TitusPlus Glissando soft closing system is available for the whole range of hinge applications. The user can choose

between hinge integrated solutions or stand-alone applications.

Concealed hinges	Hinge integrated soft-closing solution		Stand-alone door soft-closing solution		
	Glissando TL	Glissando BS	Glissando MS*	Glissando 170	Glissando FF
ST free series					
ST free 110			X		
ST plus series					
ST plus 110	X	X	X		
ST plus 125		X	X		
ST series					
ST 110	X	X	X		
ST 110/15°	X	X			
ST 110/24°	X	X			
ST 110/30°	X	X			
ST 110/45°	X	X			
ST 110/90°	X	X			
ST 110 for aluminium frame door			X Adapter required		
ST 170				X	
Basic series					
Basic 110	X	X	X		
Basic 110/30°	X	X			
Basic 110/45°	X	X			
Basic 110/90°	X	X			
Basic 110 for aluminium frame door			X Adapter required		
Basic 170				X	
Miniprimat series					
Miniprimat 95			X		
Miniprimat 95 for glass door			X		
Hinges for face frame cabinets					X



TitusPlus Glissando soft closing devices can not be used with free-swinging door hinges.

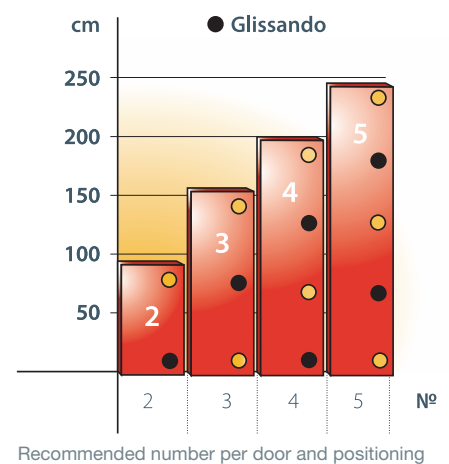
→ see page 3.18 for details

How many Glissando per door?

Glissando hinge integrated soft-closing system

Glissando TL
Glissando BS

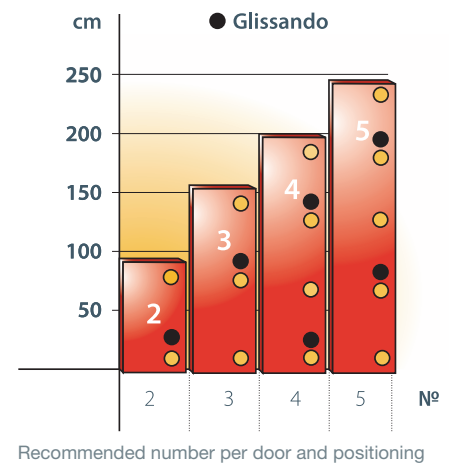
Mount Glissando on the bottom hinge in case of 2 hinges on the door or on the middle hinge in case of 3 hinges on the door. Glissando requires use of special hinge arm cover cap.



Glissando stand-alone door soft-closing system

Glissando 170
Glissando FF
Glissando MS

Mount Glissando close to the bottom hinge in case of 2 hinges on the door or close to the middle in case of 3 hinges on the door.



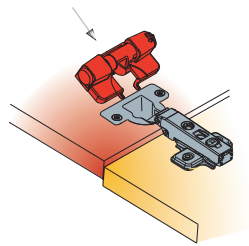
Glissando for hinge solutions

Information

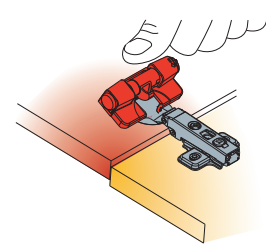
How to mount Glissando?

Tool-less mounting

Glissando TL



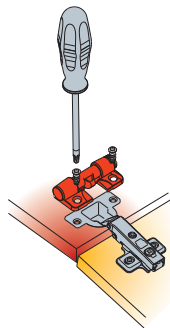
Simple toolless assembly:
Insert Glissando into the holes on the hinge and press down with hand.



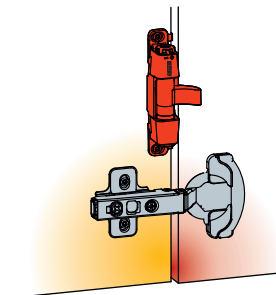
The tool-less 'snap on' version for reduced assembly time and flexibility of application. Glissando TL can be mounted at any time after furniture assembly so can be offered as a retro fit option by the installer.

Screw-on on the hinge cup

Glissando BS



Glissando BS system is mounted on the hinge cup by using cup fixing screws. The fixing screws must be at least 15mm long.

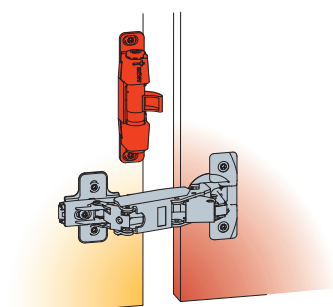


Screw-on on the cabinet side

Glissando 170 Glissando MS Glissando FF

Glissando is mounted on the cabinet side (Glissando FF on cabinet frame) by using chipboard screws at least 15mm long.

Glissando dampers' discreet design enhances the look of the door and occupies minimal space in the cabinet interior.



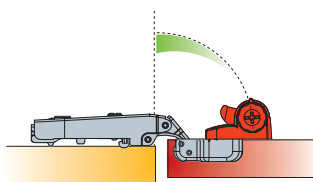
Adjustment of the damping force

Glissando TL
Glissando BS
Glissando 170
Glissando FF
Glissando MS

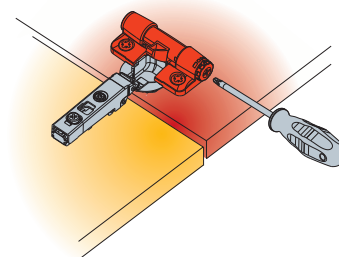
Glissando features quarter turn adjustment to provide optimal closing speed for any door dimensions and weight.

The damping function can be adjusted to fit different door weights which enables

- perfect door functioning
- use of the same type of Glissando for various doors

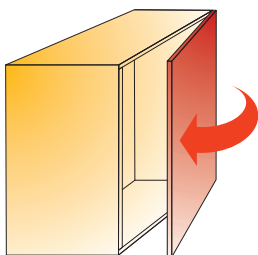


Adjustable damping zone and force

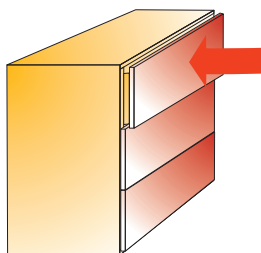


Turn towards '+' to increase and '-' to decrease the damping force

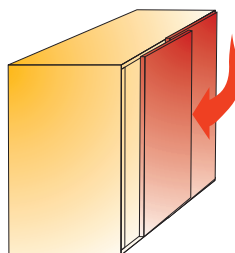
Soft-closing systems for doors and drawers



Glissando BS
Glissando TL
Glissando 170



Glissando for drawers



Glissando HD
Glissando SL



Enhance perceived quality of furniture

- All furniture doors close silently,
softly and without effort

Glissando Soft-closing systems



The widest range of solutions for soft closing

- Silent and perfect motion of all your furniture doors and drawers

Adaptability

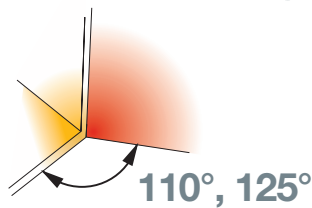
- Systems include adjustment features to fit different door sizes and weights

Easy mounting and easy add-on

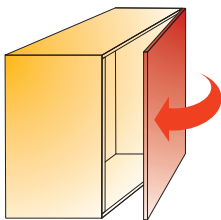
- No changes to standard drilling patterns of hinges, slides or sliding-door systems
- The possibility of mounting at any stage of furniture production and assembly


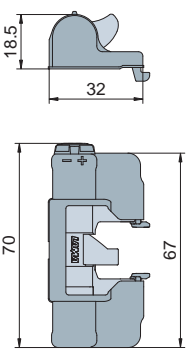


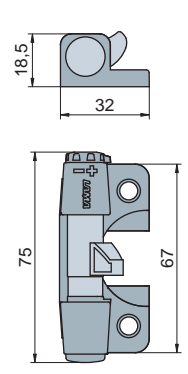



Glissando

Hinge integrated soft-closing system



For 110° and 125° hinges

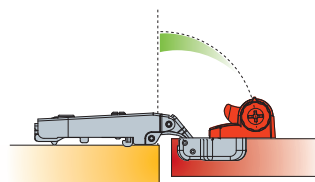


Technical details		Interaxis 45mm		Interaxis 48mm	
Cup type	Hinge opening angle	Item number	Item number	Item number	Item number
toolless	110°	951.0Z90.050	951.0Z90.050		
Glissando TL <ul style="list-style-type: none"> • ST plus 110 • ST 110 • Basic 110  					
 100 Pcs Made of steel and plastic					
Glissando BS <ul style="list-style-type: none"> • ST plus 110,125 • ST 110 • Basic 110  		 110° 951.0V94.650	951.0V93.650		
		 125° 951.0V99.650			
 100 Pcs Made of zinc and plastic					

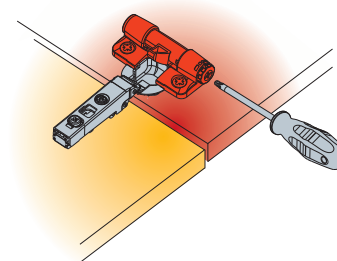
Legend of hinge cup symbols

		
Screw-on ready	Machine insertion ready	Easy-fix system

- Soft and gentle door closing
- Designed to fit the concealed hinge cup and requires no extra space inside the cabinet
- Adjustable damping force
- Screw-on or toolless mounting
- Suitable for all types of cabinets, cupboards, kitchen units of different sizes and weights



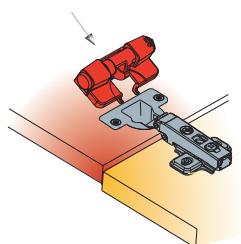
Adjustable damping zone and force



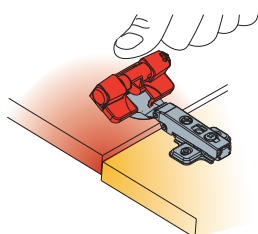
Turn towards '+' to increase and '-' to decrease the damping force

Mounting details

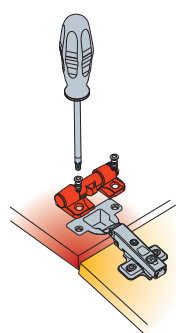
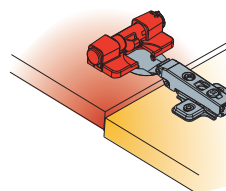
Toolless assembly



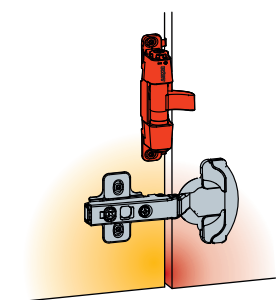
Insert Glissando TL into the holes on the hinge



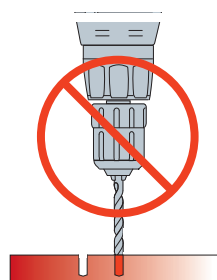
Press down with hand



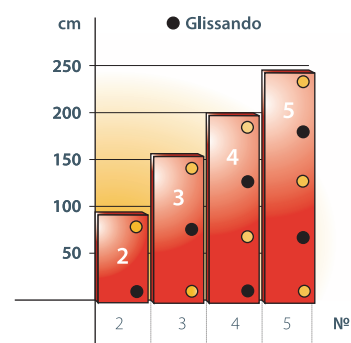
Glissando BS system is mounted on the hinge cup by using cup fixing screws. The fixing screws must be at least 15mm long.



Hinge arm cover caps
Please note that standard hinge arm cover caps cannot be used with Glissando. Please request special hinge arm cover caps.
→ see page 3.101



No additional drilling is required

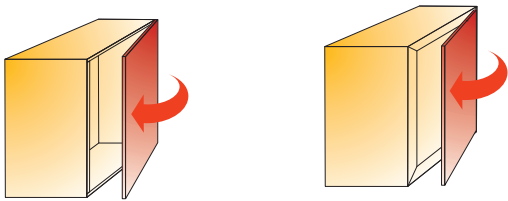


Recommended number per door and positioning

Glissando

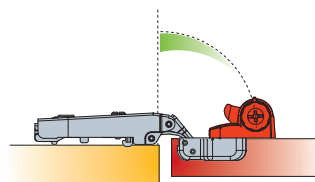
Stand-alone door soft-closing system

For 170° hinges, face-frame applications and universal stand-alone solution

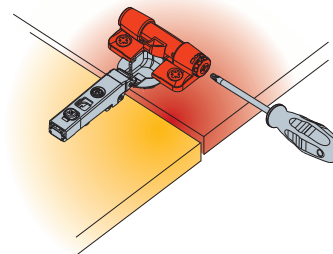


		Technical details	Item number
Glissando 170 · ST 170 · Basic 170	 		951.0Z50.650
 100 Pcs Made of zinc and plastic			
Glissando FF · face frame applications	 		951.0Z44.650
 100 Pcs Made of zinc and plastic			
Glissando MS · universal	 		951.0Z88.650
 100 Pcs Made of zinc and plastic			

- Soft and gentle door closing
- Stand alone damper
- Place and fix mounting
- Multiple applications
- Optimal closing speed of any door dimension or weight
- Discreet design

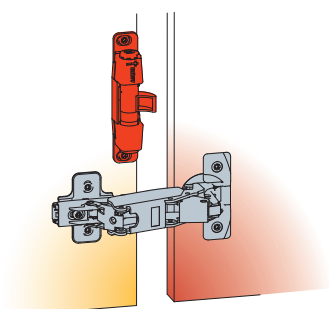


Adjustable damping zone and force

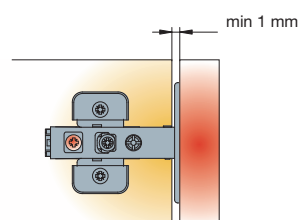


Turn towards '+' to increase and '-' to decrease the damping force

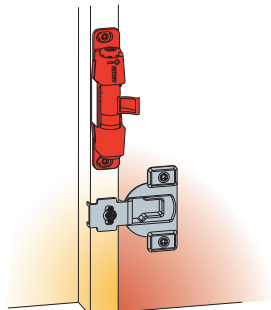
Mounting details



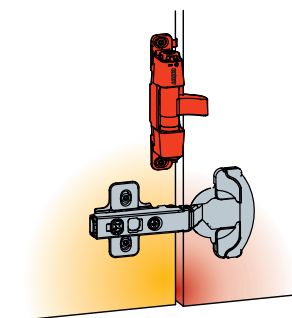
Glissando 170 is mounted on the cabinet side by using chipboard screws at least 15mm long



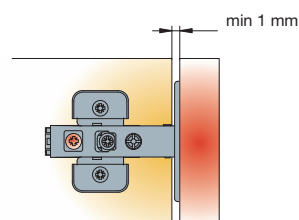
For perfect door closing it is necessary to make 1mm gap between door and side panel through hinge depth adjustment.



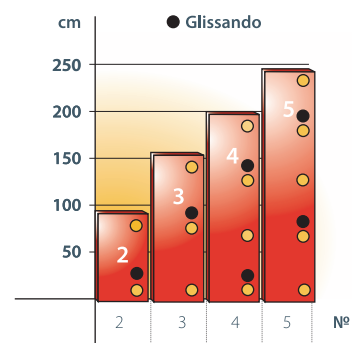
Glissando FF is mounted on the cabinet frame by using chipboard screws at least 15mm long



Glissando MS is mounted on the cabinet side by using chipboard screws at least 15mm long



For perfect door closing it is necessary to make 1mm gap between door and side panel through hinge depth adjustment.



Recommended number per door and positioning

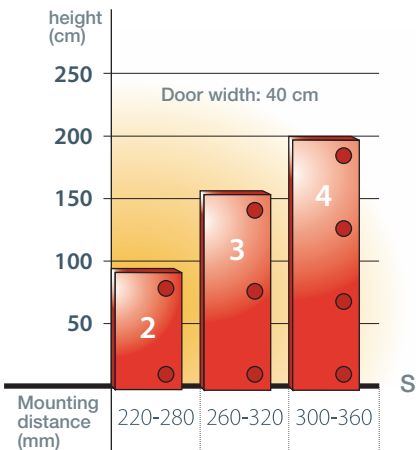
Glissando PD

Piston Dampers

- Damper can be fitted into a drilling on cabinet panel (top, bottom or side panel)
- Can be mounted using a mounting plate

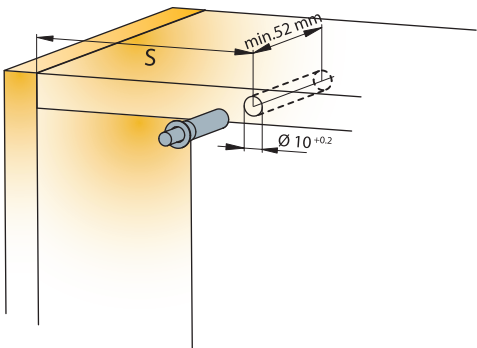
	<div>Mounting details</div>	<div>Item number</div>	<div>White</div>	<div>Grey</div>
			<div>240.7078. → 350</div>	<div>380</div>

Damper
“PLUS”



 1000 Pcs
 Housing made of plastic

Mounting distance and drilling information:



Mounting distance information is calculated for 16mm thick doors with hinges of following types:

- ST free
- ST plus 110
- ST 110
- Basic 110

A trial mounting is always recommended. Please contact Titus+Lama+Huwil or your distributor for further technical assistance.




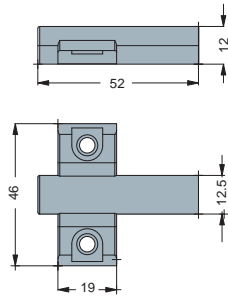
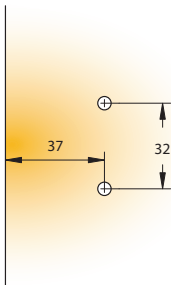




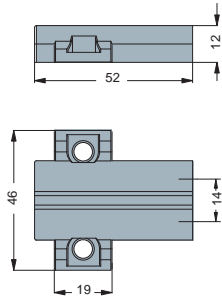
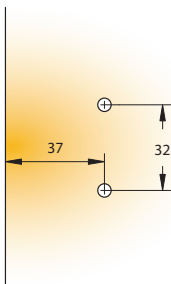


Soft closing devices cannot be used with free-swinging door hinges without a self-closing mechanism

→ see page 3.18 for details

Glissando PD

Mounting plates

- Available for euro screw or chipboard screw fixing
- Compatible with 32mm module
- For twin door cabinets use double mounting plate

				Mounting plate type	Item number	White	Grey
Single					240.7080. →	350	380
					240.7079. →	350	380
 1000 Pcs		Made of plastic					
Double					240.7081. →		380
 1000 Pcs		Made of plastic					

Titusoft damped self-closing system



eurocrew

Made of plastic

eurocrew

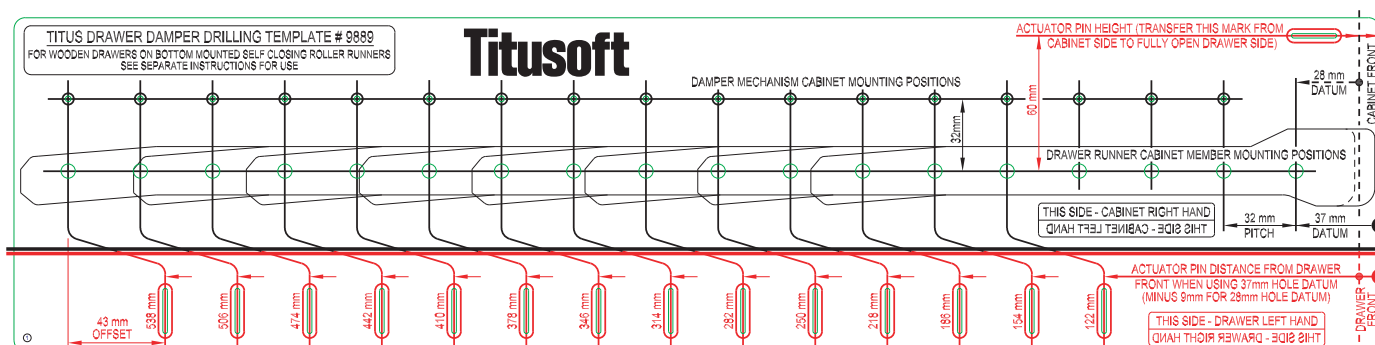
Made of plastic

Panel thickness	Item number	Black
12/13	09891 →	835
15/16	09892 →	835

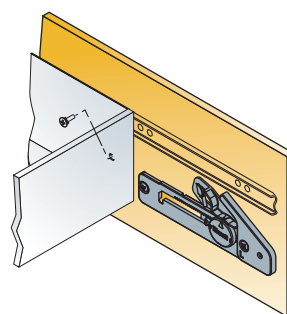
- 1 left damped self-close mechanism
- 1 right damped self-close mechanism
- 2 actuator pins
- 4 pcs 6mm euroscrews

835

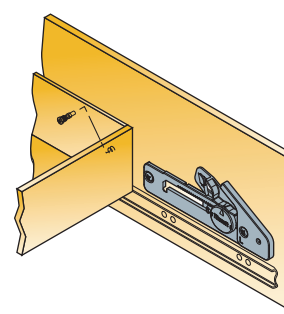
- 1 left damped self-close mechanism
- 1 right damped self-close mechanism
- 2 L'turn actuator pins
- 4 pcs 6mm euroscrews



- Self-closing and soft-closing in a single mechanism
- Easy add-on to existing drawer slides
- The mechanism is mounted on the cabinet side, between the cabinet and drawer side
- An activator pin, mounted on the drawer side, activates the mechanism
- Compatible with a wide range of roller runners and is independent of drawer runner manufacturer

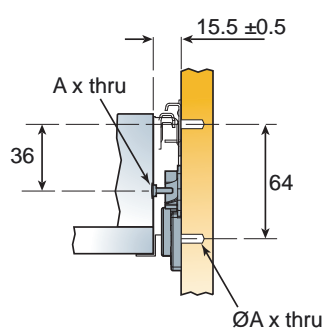
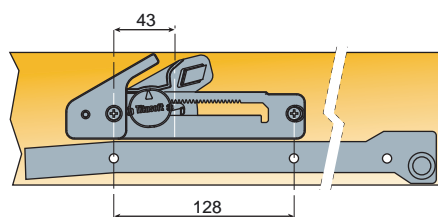
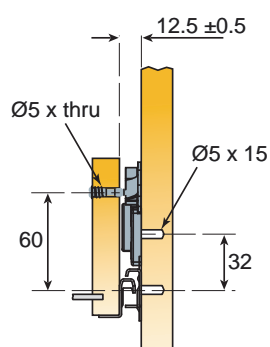


Metal drawer

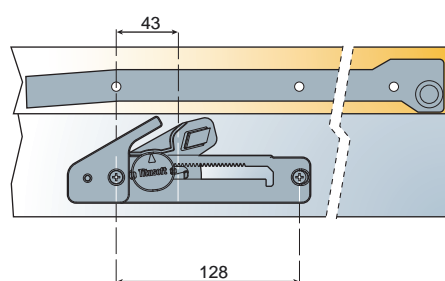


Wooden drawer

Technical details



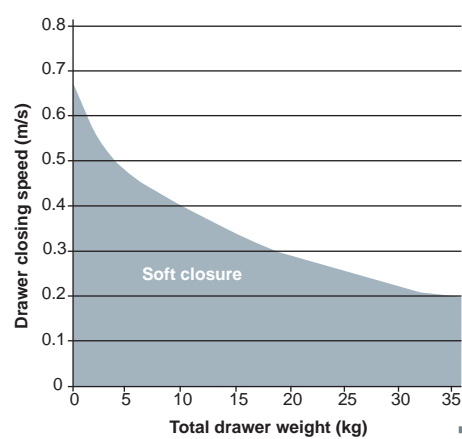
A = 6mm square hole punch



Drawer weight refers to the weight of the contents of the drawer and excludes the weight of the drawer itself. Figures were achieved using a drawer weighing 5 kg.



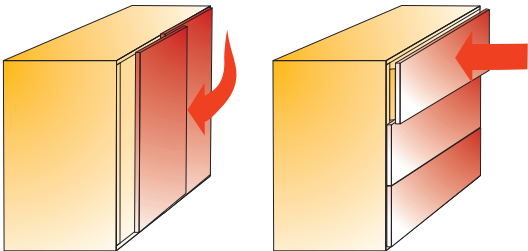
Drilling template
For more information ask your representative



Glissando HD

Heavy duty closer

For sliding doors
and drawers



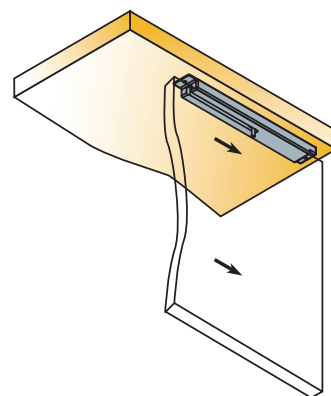
Heavy duty
closer



Made of plastic

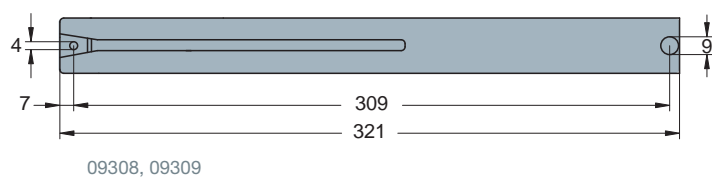
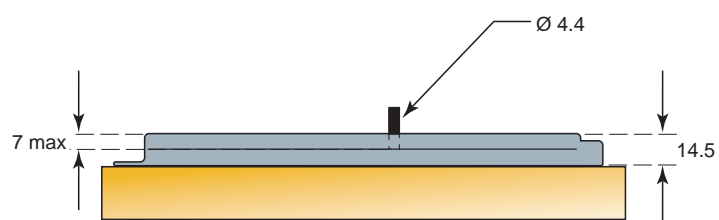
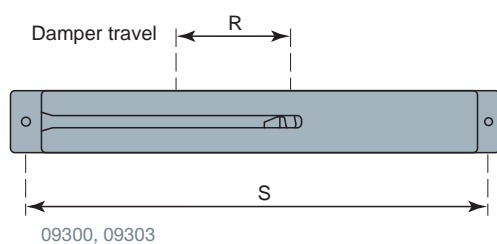
Loads (kg)	R	S		
	Damper travel	S-length	Item number	Black
*25-30	52	209	09300 →→→	835
*30-40	104	308	09303 →→	835
*40+	heavy duty		09308 →→	835
*40	regular		09309 →→→	835
* · depending on applications · references for single item load				
Please order Actuator pin separately Item number 09314				

- Controlled braking motion
- Particularly suited for heavy sliding doors and drawers
- Compatible with 32mm module
- Multiple applications



Technical details

Mounting details

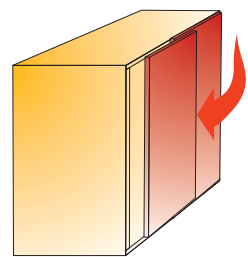





Installation is subject to a situation and space in cabinet.
 → For more information ask your representative

Glissando SL

Sliding door brake

For sliding doors



	Loads (kg)		Item number
Sliding door brake	50 ↑	right	03.6461.001
	50 ↑	left	03.6461.002
	50 ↓	right	03.6461.022
	50 ↓	left	03.6461.021
<div>   </div>			
<div>  25 Pcs Made of steel and plastic </div>			

Accessories as per order

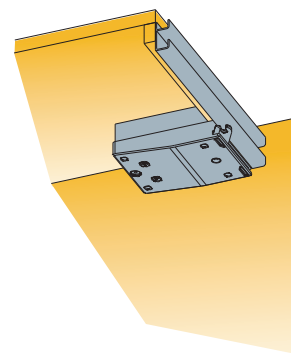


rear door / front door

Catch for front door in combination with S7-xtra with vertical top guide rail
6461.602.001
 Catch for rear door in combination with S7-xtra with vertical top guide rail
6461.601.001

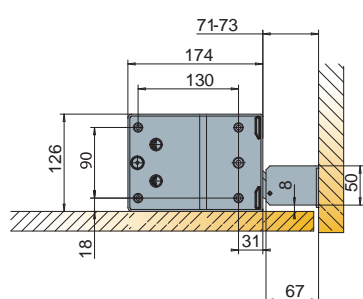
Catch elements for S7-xtra sliding-door system with vertical guide rail solution (technical details see next page). For alternative usages and/or alternative catch element designs, please contact your representative.

- Controlled and very reliable braking motion
- Particularly suited for heavy sliding-doors
- Can be applied with different sliding-door systems
- Installation possible either under or on the top panel of the wardrobe

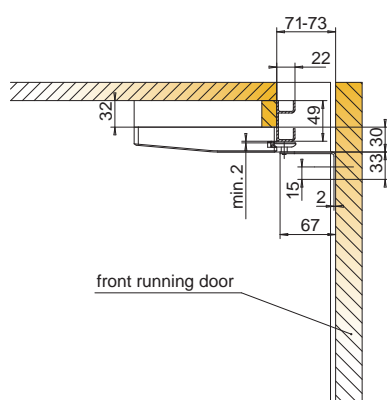


Technical and mounting details

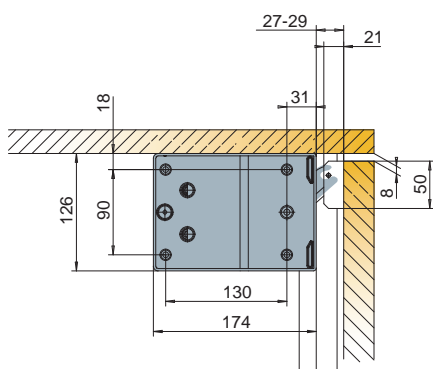
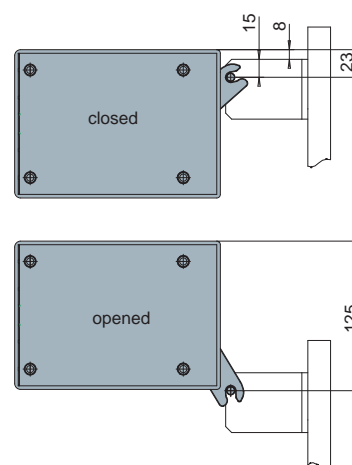
Example: Sliding door brake with S7 extra



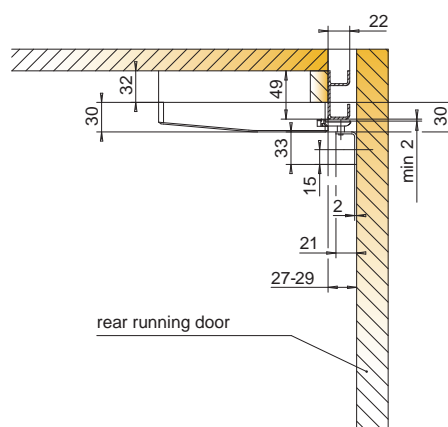
Front running door



front running door



Rear running door



rear running door



The information given above is for the sliding door brake with S7 xtra sliding door system

For more information on sliding door systems see chapter 5–Folding and sliding door systems