

# Slidix Damping Systems

# Important Information

#### Technical information

Our catalog strives for information accuracy, but as our products are continually updated, we recommend verifying the latest specifications before placing an order. We retain the right to make unannounced changes due to ongoing product improvements.

#### User responsibility

Users are responsible for ensuring that our hardware suits their intended purpose. We suggest conducting appropriate tests and reaching out to our technical representatives for assessment.

#### Intellectual property

Titus Group possesses global intellectual property rights, including trademarks, patents, copyrights, designs, illustrations, drawings, and the proprietary knowledge embedded in our products' design and production. We also respect competitors' rights and other relevant product design rights. Our products are not known to infringe upon any intellectual property rights, but we take infringements seriously and will vigorously defend our rights within the bounds of the law.

#### Non-preferred articles

Items marked with \* in the catalog are non-preferred and may have extended delivery times.

#### Trademarks

Titus and Titusonic are registered trademarks of Titus International Ltd. Lama is a registered trademark of Titus d.o.o. Dekani. WoodWelding is a registered trademark of WW SA.

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#### **Consistent performance** on doors from up to 120 kg

- · Consistent and reliable damping at any closing speed
- · The door will close even at minimum speed

#### Comfortable door opening

- · Low pull-open force
- · Effortless opening

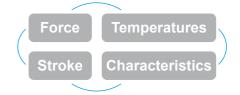
#### Fully controllable damping curve

- · Ability to fine tune performance to specific applications
- · Precise definition of forces over the whole damping action









#### **Titus Damper Inside**

- · Smooth and even soft closing action on various door dimensions and weights
- · Silent closing without a rebounce
- · Consistent performance in hot/cold environment

#### **Push-to open compatibility**

- · Integrated soft-close and push-open functions
- $\cdot$  For fully concealed interior pocket doors
- · Door release with a slight push
- · Modular design for fast fine-tuning to any application

# Quick development of custom solutions

- · Slidix can be easily customised to meet specific customer requirements for weight, friction and speed
- · Its compact design can accommodate dampers of various forces and strokes
- · It reliably performs in temperature as low as -30°C

# Slidix Sliding Door Damping

# Introduction

## Overview

#### Slidix scope

A comprehensive range of damping solutions for exterior and interior sliding doors, operating effectively in temperatures from -30°C to +85°C, featuring hydraulic Titus dampers that decelerate objects

weighing up to 120 kg. Titus dampers' fully controllable damping curve enables fine-tuning performance to multiple applications.



#### Key design choices

#### Titus damper Inside

- · Smooth and confident closing
- · No rebounce
- · Comfortable opening
- · Fully controllable damping

Adaptive Response Technology - ART fine-tunes the damper's performance and damping force by responding to the door's weight and speed and delivers smooth damping performance at any closing speed. It enables the use of a single ART damper across a wide range of door weights while maintaining a low door opening force.

#### **Push opening function**

Push opening and damping function, now connected in a single mechanism to ensure effortless and comfortable opening and reliable closing of interior pocket sliding doors.

The compact design integrates soft-close and push-to-open functions in a single unit offering versatile solutions, suitable for application like pantry units and sliding systems where handles aren't possible or required for aesthetical reasons.

#### Efficient modular design

The design follows a modular approach, enabling easy customisation and fine-tuning to meet specific customer application requirements with minor modifications and combination of standard components.

# Areas of Application

#### **Architectural doors**



Interior sliding doors



Exterior patio doors



Barn doors

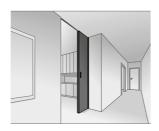


Wall partitions



Folding doors

#### **Pocket doors**



Single and double pocket doors



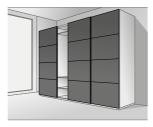
Slide & hide pocket doors

#### Bathroom



Shower screens

#### Cabinet furniture



Middle door in 3-door wardrobes



Side wardrobe doors



Walk-in closets

# **Solutions for Architectural Doors**

# Product Guide







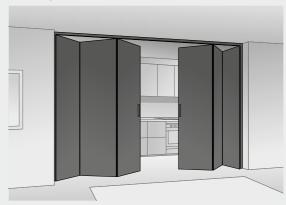
Damping direction and positioning		Function	Technical specif	ication	
Direction	Position			Load capacity (kg)	Damping stroke (mm)
one direction	one direction in rail on door	damping	up to 80 kg	50 mm	
->			up to 120 kg	100 mm	
two directions	two directions in rail on door	on door	damping	up to 80 kg	50 mm
			up to 80 kg	50 mm	
		up to 120 kg	100 mm		
			up to 120 kg	100 mm	







Folding doors



				Product name	Page
*Minimum space required	per piece (in mm)		Required nr. of products per door		
237	11 LO CO		1 piece	Slidix Solo 50	1.7
370		12.7	1 piece	Slidix Solo 100	1.8
237	11 4.88 4.89		1 piece	Slidix Duo 50	1.9
237	9. gg		2 pieces	Slidix Solo 50	1.7
4	03	12.7	1 piece	Slidix Duo 100	1.10
370		12.7	2 pieces	Slidix Solo 100	1.8

<sup>\*</sup>the indicated required space doesn't include space needed for carriages or other hardware

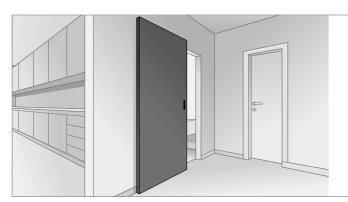
# Slidix Solo 50







- · Smooth and reliable soft-closing
- · Titus hydraulic damper ensures consitent performance
- · Compact design



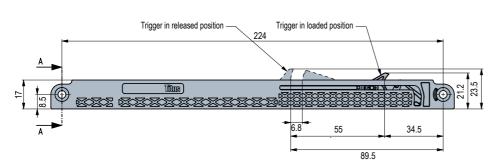
.oad capacity (kg) Technical details (mm)

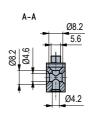
amping force at w=1000mm/min (N) Spring force (N)

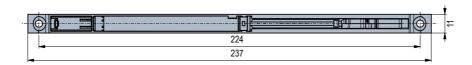
Slidix Solo 50



_		0)	item number
15	4.2	7.5	975-9421-380
25	7.5	7.5	975-9457-380
40	10	10	975-9459-380
60	15	13	975-9461-380
80	17.5	13	975-9462-380









100 Pcs

Made of plastic



Activator SP14

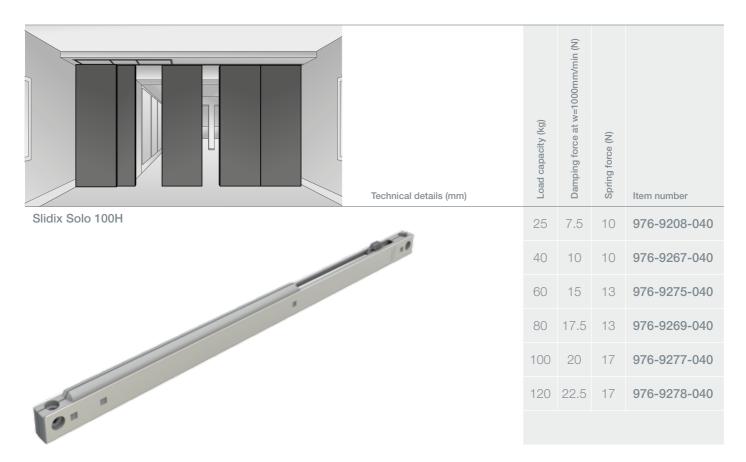
Slidix activators

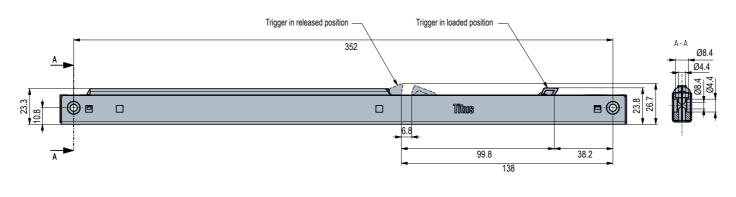
→ see page 1.30

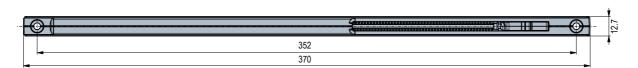
# Slidix Solo 100



- · Consistent and reliable soft-closing of heavy sliding doors
- · Reinforced with a metal housing for secure performance
- · Titus hydraulic damper ensures consistent performance









Made of plastic, cover made of steel







# Slidix Duo 50







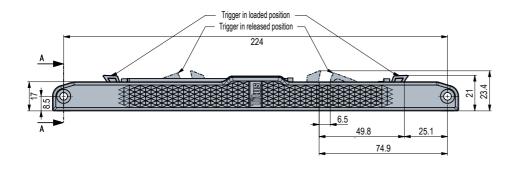
- · Soft-closing in both directions: opening and closing
- · Compact design for narrow doors
- · Titus hydraulic damper ensures consistent performance
- · For installation on the door

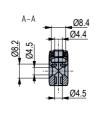


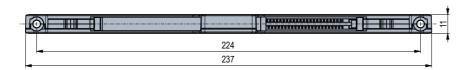
Technical details (mm)



		S	Item number
15	5	7.5	976-9361-380
25	7.5	10	976-9362-380
40	10	13	976-9363-380
60	15	13	976-9207-380
80	17.5	17	976-9213-380









Made of plastic

Activators Activator TX26



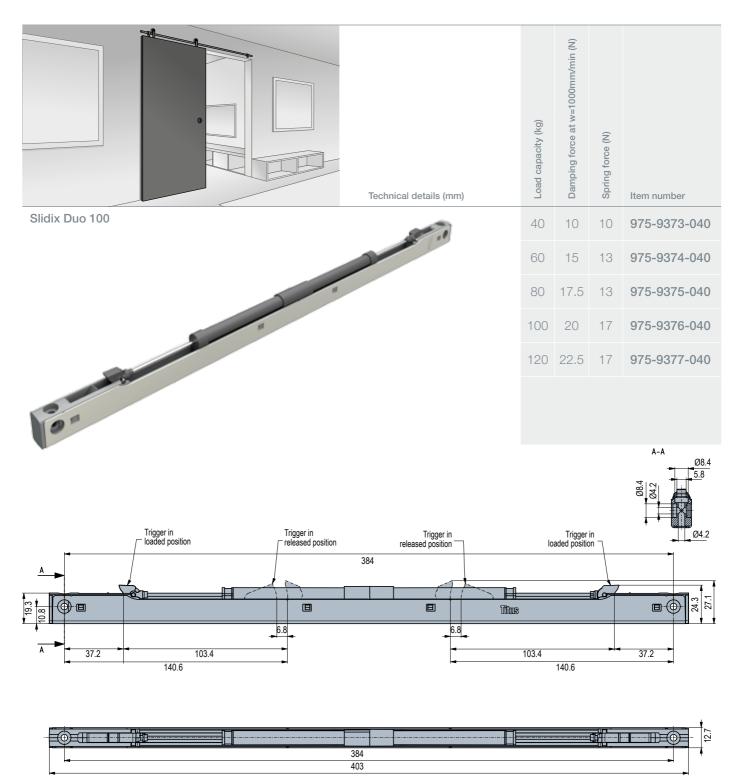
Slidix activators

see page 1.30

# Slidix Duo 100



- · Soft-closing in both directions: opening and closing
- · Reinforced with a metal housing for secure performance
- · Titus hydraulic damper ensures consistent performance
- · For installation on the door





100 Pcs

Made of plastic, cover made of steel

Activators Activator TX26



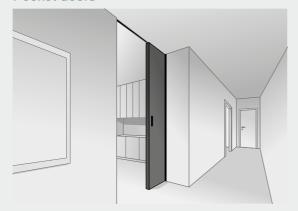


Activator SP14

# **Solutions for Pocket Doors**

# Product Guide

Pocket doors



Slide & hide



Damping direction and positioning		Function	Technical specification	
Direction	Position		Load capacity (kg)	Damping stroke (mm)
one direction on door	damping	up to 80 kg	50 mm	
	damping and push opening	up to 80 kg	50 mm	
two directions on door	damping	up to 80 kg	50 mm	
		up to 120 kg	100 mm	
	damping and push opening	up to 80 kg	50 mm	

			Product name	Page
*Minimum space required per piece (in mm)		Required nr. of products per door		
237 11		1 piece	Slidix Solo 50	1.17
258 21.5		1 piece	PushDuo	1.13
237 11 \$\frac{1}{8}\$		1 piece	Slidix Duo 50	1.15
403	12.7	1 piece	Slidix Duo 100	1.16
258 21.5		1 piece	PushTrio	1.14

<sup>\*</sup>the indicated required space doesn't include space needed for carriages or other hardware

# **PushDuo**











- · For fully retractable pocket sliding doors
- · Compact design for mounting on carriages inside customer rails
- · Door release with a slight push
- · Titus hydraulic damper ensures consistent performance



Technical details (mm)

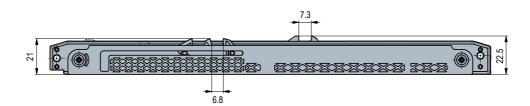
PushDuo

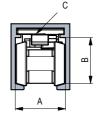


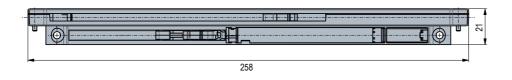
This product is custom made. No standard item number available.

#### Ready for fine-tuning to customer needs

- · Door weight: up to 80kg
- · Spring ejection force: customised
- · Front and rear adapters: customised
- · Activator: customised







- A) Rail width and wheel distance must be min. 21.5mm
- B) Rail height must be min. 21mm
- C) Additional space must be available to mount activator

Made of plastic

## **PushTrio**





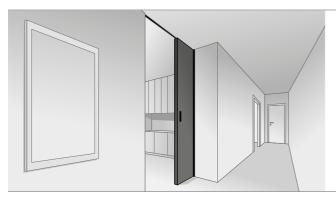


directions





- · Push-to-open and soft-closing in both directions
- · For fully retractable pocket sliding doors
- · Compact design for mounting on carriages inside customer rails
- · Door release with a slight push
- · Titus hydraulic damper ensures consistent performance



Technical details (mm)

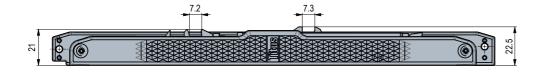
PushTrio

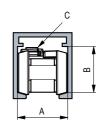


This product is custom made. No standard item number available.

#### Ready for fine-tuning to customer needs

- · Door weight: up to 80kg
- · Spring ejection force: customised
- · Front and rear adapters: customised
- · Activator: customised







- A) Rail width and wheel distance must be min. 21.5mm
- B) Rail height must be min. 21mm
- C) Additional space must be available to mount activator

Made of plastic

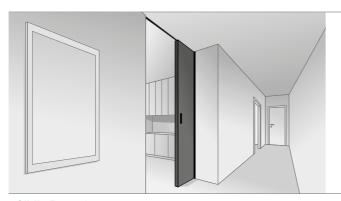
# Slidix Duo 50







- · Soft-closing in both directions: opening and closing
- · Compact design for narrow doors
- · Titus hydraulic damper ensures consistent performance
- · For installation on the door



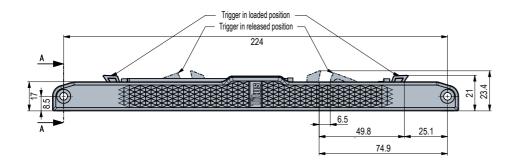
Technical details (mm)

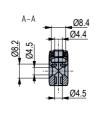
amping force at w=1000mm/min (N) ad capacity (kg) oring force (N)

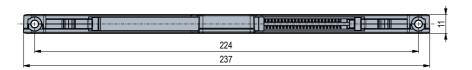
Slidix Duo 50



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15	5	7.5	976-9361-380
25	7.5	10	976-9362-380
40	10	13	976-9363-380
60	15	13	976-9207-380
80	17.5	17	976-9213-380









100 Pcs

Made of plastic

Activators Activator TX26





Activator SP14

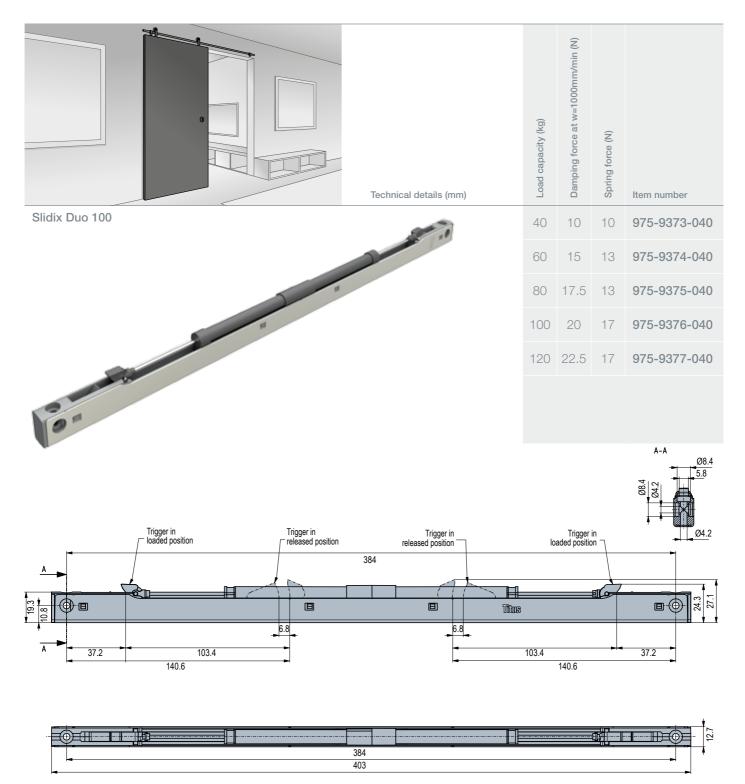
Slidix activators

→ see page 1.30

# Slidix Duo 100



- · Soft-closing in both directions: opening and closing
- · Reinforced with a metal housing for secure performance
- · Titus hydraulic damper ensures consistent performance
- · For installation on the door





Made of plastic, cover made of steel

Activators Activator TX26





Activator SP14

Slidix activators

see page 1.30

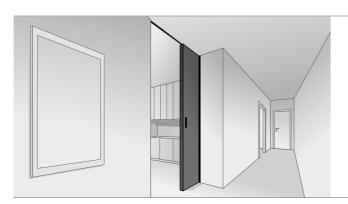
# Slidix Solo 50







- · Smooth and reliable soft-closing
- · Titus hydraulic damper ensures consitent performance
- · Compact design



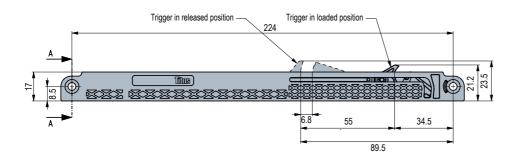
Technical details (mm)

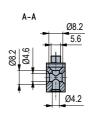
amping force at w=1000mm/min (N) .oad capacity (kg) Spring force (N)

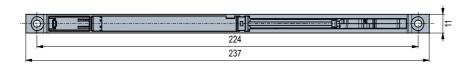
Slidix Solo 50



_		0)	item number
15	4.2	7.5	975-9421-380
25	7.5	7.5	975-9457-380
40	10	10	975-9459-380
60	15	13	975-9461-380
80	17.5	13	975-9462-380









100 Pcs

Made of plastic

Activator SP14



Slidix activators

→ see page 1.30

# **Solutions for Shower Doors**

# Product Guide

#### Shower doors



Damping direction and positioning		Function	Technical specification		
Direction	Position			Load capacity (kg)	Damping stroke (mm)
one direction	on door		damping	up to 80 kg	50 mm
two directions	in rail	on door	damping	up to 80 kg	50 mm

		Product name	Page
*Minimum space required per piece (in mm)	Required nr. of products per door		
298 11	1 piece	Slidix Solo 50R	1.21
237 11 EX	1 piece	Slidix Duo 50	1.22
*the indicated required space doesn't include space needed			

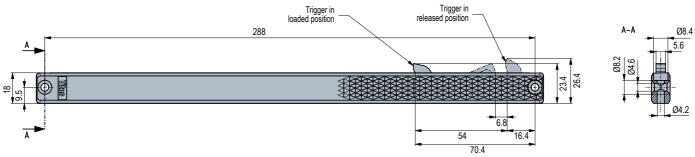
<sup>\*</sup>the indicated required space doesn't include space needed for carriages or other hardware

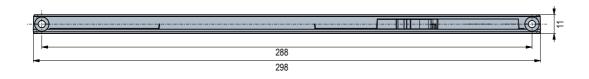
# Slidix Solo 50R



- · Smooth and reliable soft-closing
- · Titus hydraulic damper ensures consistent performance
- Reverse soft-closing direction for beneficial activatorpositioning









100 Pcs

Made of plastic





Activator SP14

# Slidix Duo 50



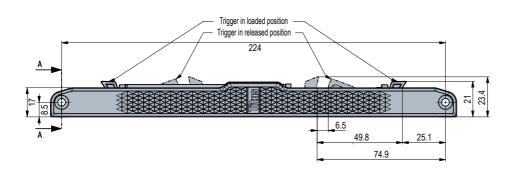


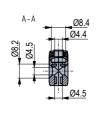


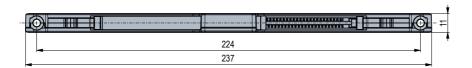


- · Soft-closing in both directions: opening and closing
- · Compact design for narrow doors
- · Titus hydraulic damper ensures consistent performance
- · For installation on the door











100 Pcs

Made of plastic

Activator SP14



Slidix activators 

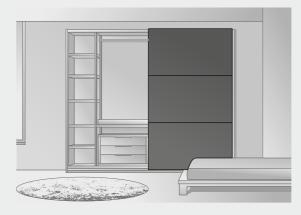
# **Solutions for Wardrobes**

# Product Guide

Middle door in 3-door wardrobes

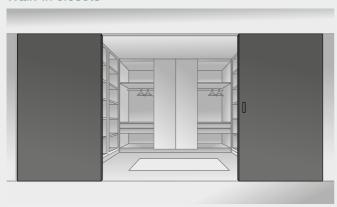


Side wardrobe doors



Damping direction and positioning			Function	Technical specification		
Direction	Position			Load capacity (kg)	Damping stroke (mm)	
centering	in rail	on door	damping and centering	up to 40 kg	50 mm	
<b>→</b> ←						
one direction	ction in rail on door	on door	damping	up to 80 kg	50 mm	
->				up to 80 kg	50 mm	

#### Walk-in closets



			Product name	Dogo
*Minimum space required per piece (in mm)	Required nr. of products per door	Product name	Page	
	12.7	1 piece	Slidix Centro 50	1.25
237 11		1 piece	Slidix Solo 50	1.26
298 11		1 piece	Slidix Solo 50R	1.27

<sup>\*</sup>the indicated required space doesn't include space needed for carriages or other hardware

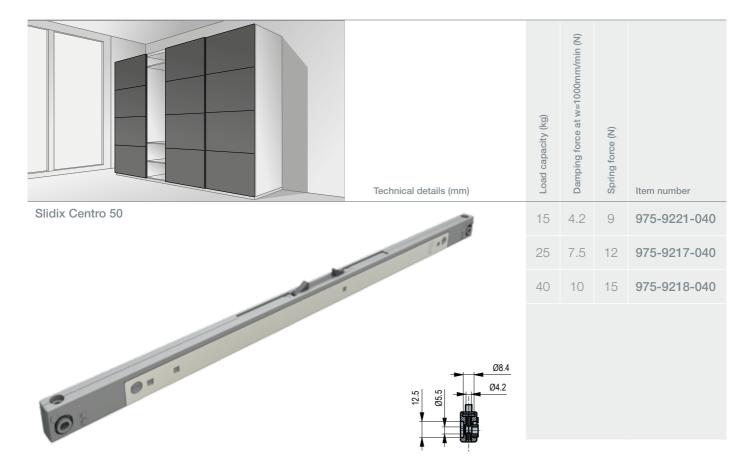
# **Slidix Centro 50**

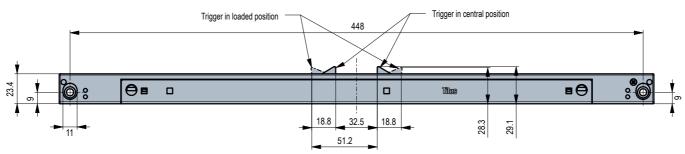


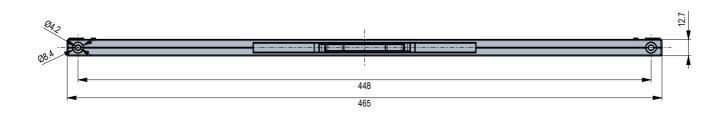




- Consistent and reliable soft-closing of middle doors from both directions
- Optimal middle door centering assures confident door alignment
- · Reinforced with a metal housing for secure performance
- · Titus hydraulic damper ensures consistent performance









Made of plastic, steel cover

Activators Activator TSC Plus



Slidix activators

see page 1.30

# Slidix Solo 50

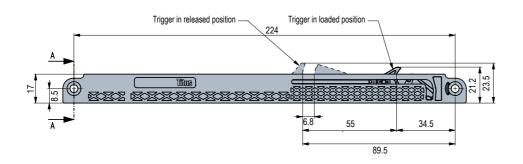


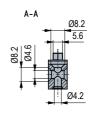
- · Smooth and reliable soft-closing
- · Titus hydraulic damper ensures consitent performance
- · Compact design

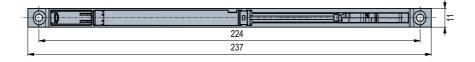




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15	4.2	7.5	975-9421-380
25	7.5	7.5	975-9457-380
40	10	10	975-9459-380
60	15	13	975-9461-380
80	17.5	13	975-9462-380









Made of plastic

Activator SP14



Slidix activators

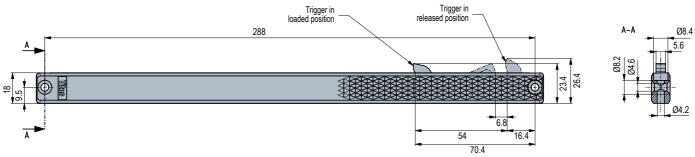
→ see page 1.30

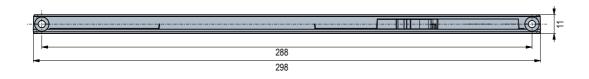
# Slidix Solo 50R



- · Smooth and reliable soft-closing
- · Titus hydraulic damper ensures consistent performance
- · Reverse soft-closing direction for beneficial activatorpositioning









100 Pcs

Made of plastic

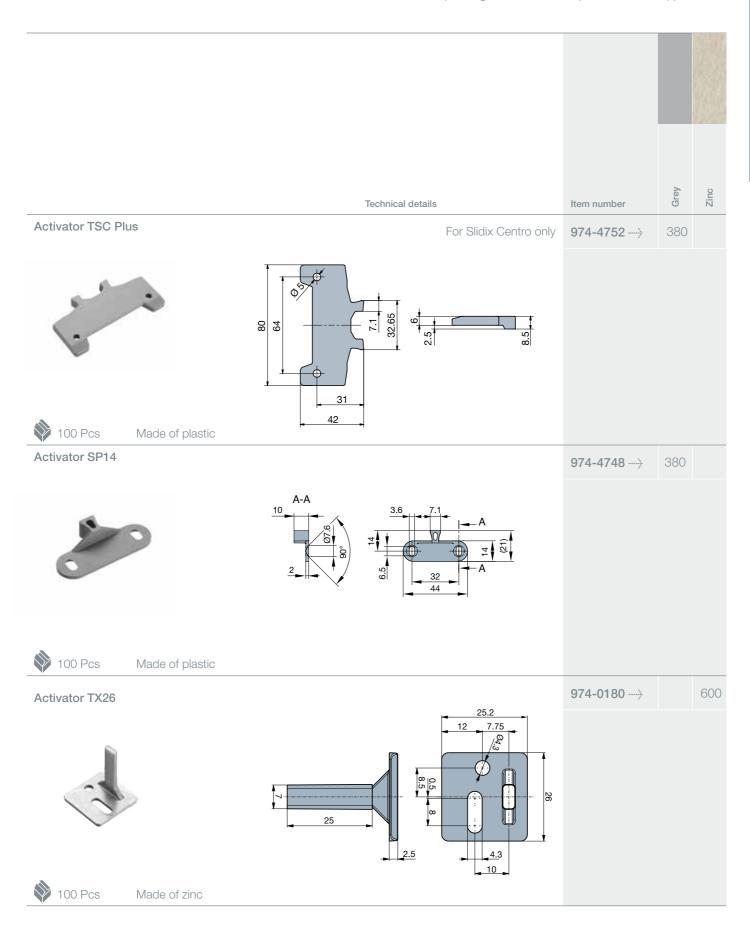




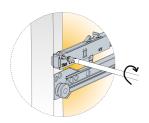
Activator SP14

# **Slidix Activators**

· Each Slidix unit is compatible with multiple activators, depending on the available space within the application

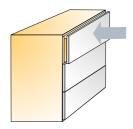


# Titusoft Drawer Damping



# Simple and intuitive mounting

- · No pre-drilling required
- · Non-handed
- · User friendly



#### Smooth and reliable

- · Silent in use
- · Effortless opening with low pull-out force



#### Titus damper inside

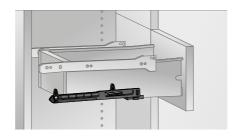
- · Efficient damping on various door sizes and weights
- · ConfidentClose assured





#### **Titusoft WD**

For wooden drawers with roller runners



#### **Titusoft MD**

For single wall metal drawers



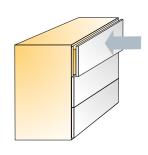
#### Titusoft FF

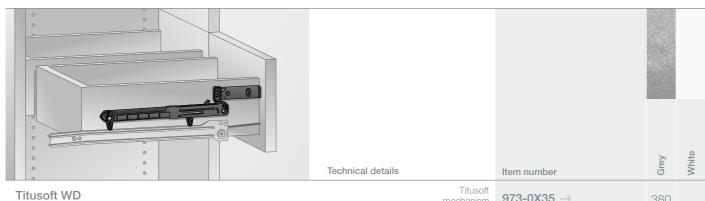
For wooden drawers with roller runners – for Face Frame application

# **Titusoft WD**

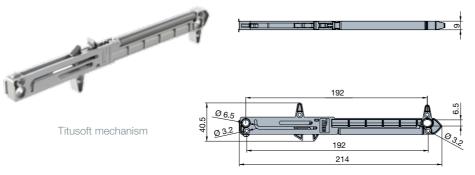
# Soft Closing System for Wooden Drawer

#### For wooden drawer with roller runners





Titusoft mechanism 973-0X35 --> 380 380 350 973-4451 -->



#### Bag of 1 **973-0X35-380-K2** 120 Bags



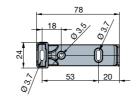
- · 1 Titusoft mechanism
- 1 activator
- 2 screws Ø3.5mm x 20mm
- · 2 screws Ø3.5mm x 12mm
- · 1 mounting instruction sheet

#### Bag of 2 **973-0X35-380-K1** 80 Bags



- · 2 Titusoft mechanisms
- 2 activators
- 4 screws Ø3.5mm x 20mm
- 4 screws Ø3.5mm x 12mm
- 1 mounting instruction sheet







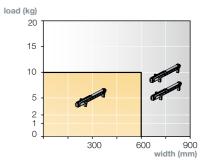


Made of plastic



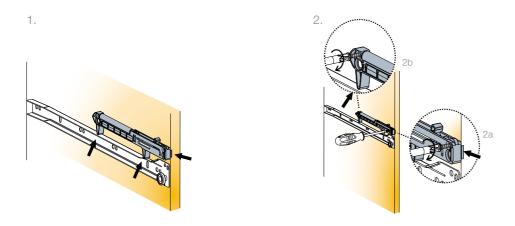
- $\cdot$  Works with most roller runner drawer slides
- · Easy, intuitive mounting
- · Smooth, soft closing action independent of drawer hardware
- · Optimal closing speed
- · Non-handed design

#### Capacity chart



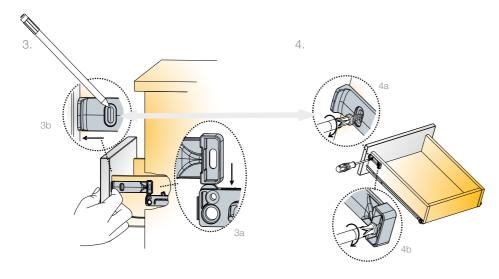
Mount 1 or 2 Titusoft mechanisms depending on drawer weight and width

#### Mounting details



Position the Titusoft mechanism on the top of the drawer slide

Fix with 2 screws L=20mm

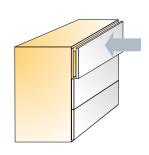


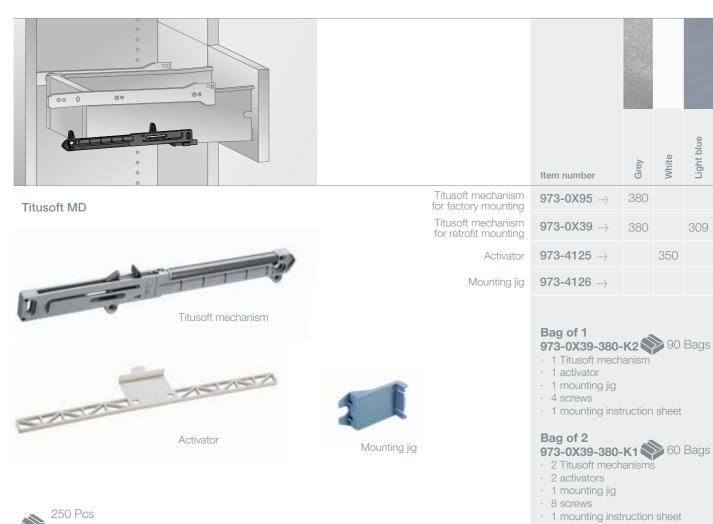
- Rest the activator against the drawer front
   Align the vertical position of the activator with
   the top of the Titusoft mechanism and mark the screw locations

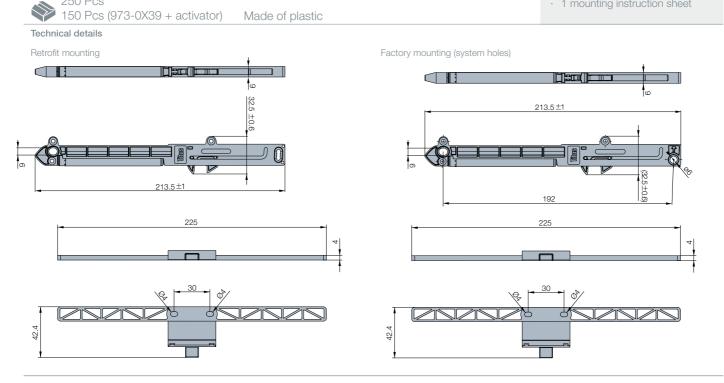
Fix with 2 screws L=12mm

#### **Titusoft MD**

## Soft Closing System for Metal Box

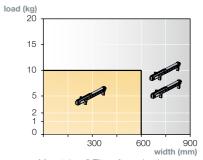






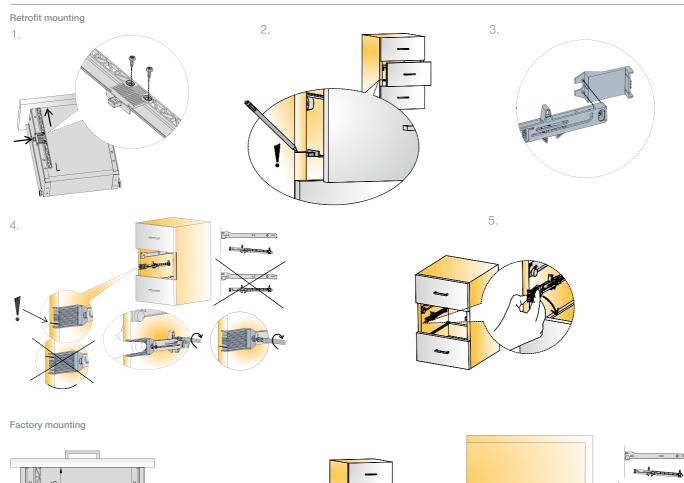
- One-for-all soft closing for single skin metal boxes
- · Allows for easy factory mounting or retrofit application
- · Intuitive positioning
- · Preserve the life-time of the drawer

#### Capacity chart



Mount 1 or 2 Titusoft mechanisms depending on drawer weight and width

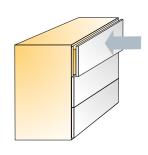
#### Mounting details

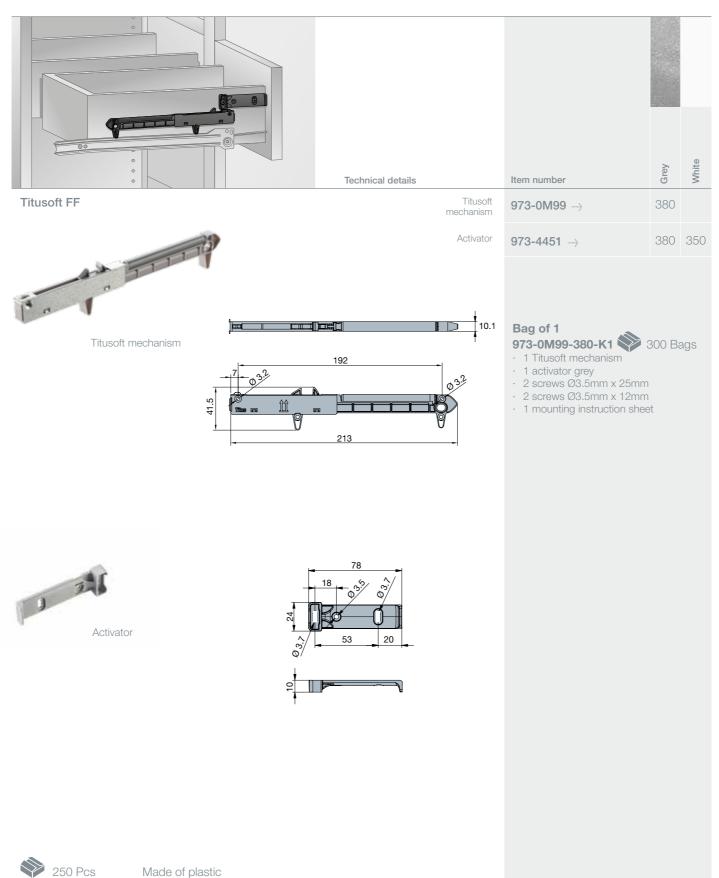


#### **Titusoft FF**

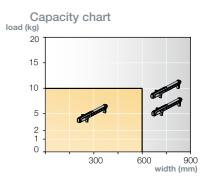
# Soft Closing System for Face Frame Cabinets with Wooden Drawer

#### For wooden drawer with roller runners





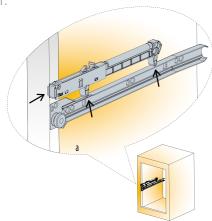
- $\cdot$  Works with most roller runner drawer slides
- · Easy, intuitive mounting
- · Smooth, soft closing action independent of drawer hardware
- · Non-handed design



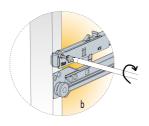
Mount 1 or 2 Titusoft mechanisms depending on drawer weight and width

#### Mounting details





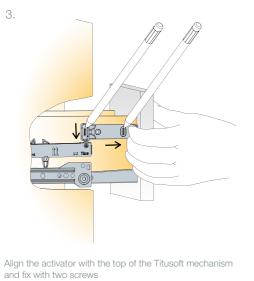
2.



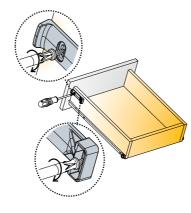
Screw the Titusoft mechanism to the face frame

Position the Titusoft on the top of a drawer slide





Fix with 2 (3) screws L=12mm





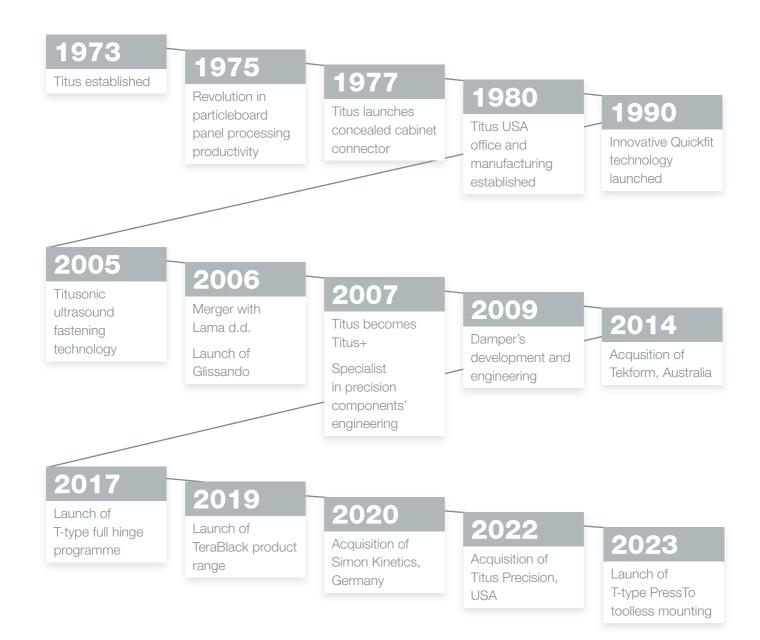
## The Titus Group Profile

#### **Titus Group**

Titus focuses on the design, manufacturing and distribution of connectors, concealed hinges drawers and soft closing mechanisms in furniture and household appliances.

Titus Group is owned and managed from its headquarters in United Kingdom. We are able to provide products and services to every customer around the world based on manufacturing and distribution facilities in Europe, North America, China, SE Asia, Australia and New Zealand.

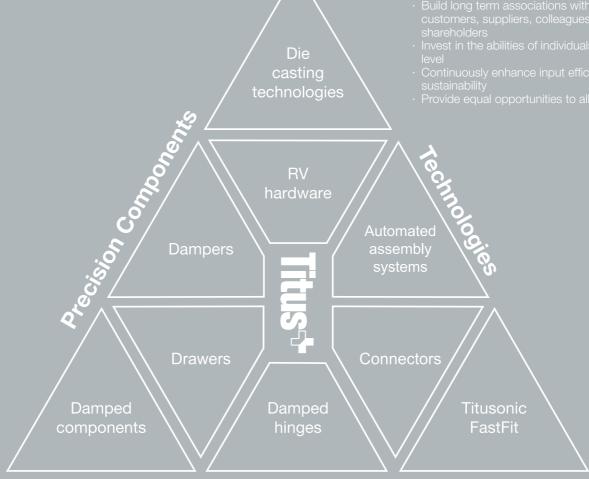
Quickfit technology makes Titus the World leader in connectors for RTA furniture



#### **Vision**

#### **Mission**

#### **Titus Business Principles**



#### **Cabinet Hardware**

#### **Cabinet Hardware**

#### **Damping and Kinetics**

#### **Titus Technologies**

#### 'Totally Integrated Engineering'

#### **Product Design**

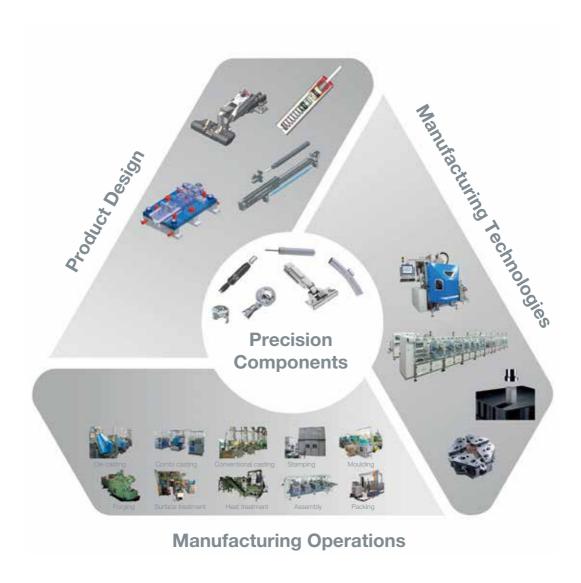
Design and engineering of unique components
Consistent and repeatable product quality

### Manufacturing Technologies

To improve productivity and product quality

### Manufacturing Operations

A wide array of technologies and services required for high volume production of precision components available in-house



#### Fittings for purpose

Unique product advantages for better value for money and lower 'total installed cost'

### Innovations that improve

With less parts, less different parts, less preparation actions, faster assembly

#### Fast time-to-market

#### Quality

#### Continuous Improvement

The Titus Group Mission, to improve the competitiveness of our customers, encourages us to continuously improve our products, services, processes and competencies of our employees.

#### Quality

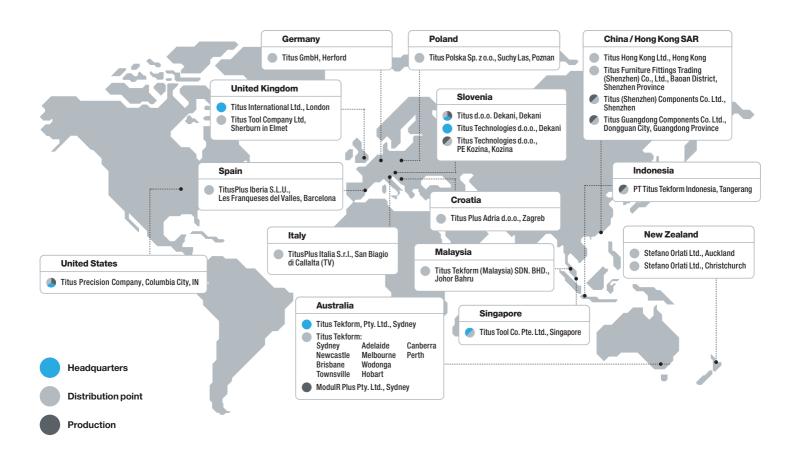
We believe that the Titus Mission is achieved most effectively through the management of our product design, manufacturing and service activities in conformance with the ISO 9001 standard for quality management. Quality has a broad meaning for us: it is our guide to the selection of materials, work, processes, internal relations and cooperation with partners.

#### **Products**

Our integrated quality system produces technically optimised products of high quality. They are assessed regularly in our own test labs as well as by internationally renowned institutions, such as LGA from Germany, FIRA from United Kingdom, CATAS from Italy, and others.



## Worldwide Design, Manufacturing and Distribution Capabilities



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